
From: Michelle Fuller [MFuller@bluelakerancheria-nsn.gov]
Sent: Wednesday, May 10, 2017 4:13 PM
To: Lazar, Steve
Subject: NOP EIR
Attachments: Cannabis NOP EIR County Comments.pdf

Mr. Lazar,

I apologize we weren't able to get this to you yesterday, but attached please find our comments for the NOP an EIR for cannabis cultivation.

Thank you,

Michelle Fuller
Environmental Programs Director
Blue Lake Rancheria
PO Box 428
Blue Lake, CA 95525
(707)668-5101 x1036

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May 9, 2017

County of Humboldt Planning & Building Department
3015 H Street
Eureka, CA 95501

Re: Notice of Preparation- Cannabis EIR

Dear Mr. Lazar:

The Blue Lake Rancheria Tribe has concerns about cannabis cultivation activities in the ancestral Wiyot territory, and specifically in the Mad River watershed. We urge the County to be diligent in their Environmental Impact Report (EIR) especially with respect to hydrology and water quality, aesthetics and visual resources, tribal cultural resources, and biological resources.

The Mad River is our source for drinking water, and is home to many culturally-important (and threatened or endangered) species. It is listed (Clean Water Act section 303(d)) as impaired for sediment/turbidity and temperature. Impacts from cannabis cultivation have been felt in the lack of cool tributary water as water is siphoned off for grows, in sediment delivery to the river from grading and other ground-disturbing activities, and in the change of aesthetics of the watershed as we see it become over-run with cannabis cultivation. We have concerns about the disturbance of cultural resources from this activity, in the past and ongoing.

The impacts from cannabis cultivation need to be seriously considered and mitigated for individually, and the EIR needs to include a thorough analysis of cumulative impacts. We have been experiencing impacts from increased cannabis cultivation for several years, and can see that in addition to the permit process there will need to be increased enforcement. We urge the County to include more enforcement for the Mad River watershed as a priority.

Sincerely,

A handwritten signature in black ink that reads "Michelle Fuller". The signature is fluid and cursive.

Michelle Fuller
Environmental Director

From: Liz Shorey [lshorey@ci.fortuna.ca.us]
Sent: Tuesday, May 9, 2017 4:53 PM
To: Lazar, Steve
Cc: Merritt Perry; Mark Wheatley
Subject: NOP Response to County Cannabis Amendments
Attachments: 5-9-2017 Fortuna response re Co NOP.pdf

Hi Steve,

Attached is the City's response to the County's NOP for its draft EIR for the commercial cannabis amendments. Thank you for the opportunity to provide input. Let me know if you have any comments or questions.

Liz Shorey
Deputy Director of Community Development
City of Fortuna
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Fortuna, CA 95540
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May 9, 2017

Steven Lazar
Humboldt County Planning & Building Department
3015 H Street
Eureka, CA 95501

RE: Notice of Preparation of an Environmental Impact Report for Amendments to Humboldt County Code Regulating Commercial Cannabis Activities

Dear Mr. Lazar:

Thank you for the opportunity to respond to the Notice of Preparation for the Environmental Impact Report for Amendments to Humboldt County Code Regulating Commercial Cannabis Activities. The City and County share a common jurisdictional boundary, and as a result, the County's codes allowing cannabis activities within the boundary area have a heavy influence on City residents and City infrastructure. In addition, Fortuna has adopted a City-wide comprehensive prohibition on marijuana activities, banning all activities except for those uses that are specifically allowed by AUMA, and the County's codes and activities are in conflict with the City's codes. Due to the project's proximity to the City, it is anticipated that traffic, noise, odors, and a host of other issues will affect City residents. The City would like to request that the following items be addressed in the EIR.

Land Use

Fortuna has adopted a City-wide prohibition on all marijuana activities, except for those that are preempted by State law. The County's existing ordinance and proposed amendments are in conflict with and inconsistent with the City's ordinance. The County's ordinance affects all of the City residents along the City/County jurisdictional border, and it affects all of the County residents within the City's Sphere of Influence that may be considered for annexation in the future. The County's ordinance also affects the City's residents where cannabis is allowed on adjoining roadways (in particular, Rohnerville Road, Drake Hill Road, and Loop Road), and they will experience visual impacts on a daily basis.

The County's cannabis ordinance and proposed expansion are proposed within the City's Sphere of Influence, which is considered a potential annexation area. Fortuna has completed three annexations under the Fortuna General Plan 2010-2030, and it is likely that additional areas will be annexed in the future. The County's cannabis ordinance impairs the City's ability to expand into the sphere of influence and limits the City's ability to grow over time in accordance with the General Plan as those properties will be permanently committed to commercial agricultural activity. Based on an estimated number of 10,000-15,000 cultivation sites County-wide, and the

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agricultural land uses surrounding the City, expanding the permits could result in a significant number of sites around the City that could be placed in cultivation. Without a limit to the number of permits, it could result in nearly all of the vacant land around the City being converted, changing the landscape, reducing development potential, and converting prime agricultural land to developed greenhouses and commercial processing buildings. With the increase in commercial cultivation sites, there will be conflicts between the City's land use designation and the commercial development allowed by the commercial cannabis permits. This will result in unsuccessful annexation attempts, or commercial cannabis developments having to be removed upon annexation.

While the County maintains land use authority over the sphere, the City is sensitive to the fact that the sphere is part of the City's General Plan planning area. The City provides many public services to it, and the Sphere has ties to the City on social and economic levels. The NOP project description includes a statement that the County is considering, among other things, "special requirements/limitations for projects located within spheres of influence or community areas". The City is pleased to see that the urban areas most affected by the County's activities are being considered with regards to impacts. The draft EIR should consider land use impacts to the City's Sphere of Influence. In addition, Fortuna requests that a complete marijuana prohibition be adopted within Fortuna's Sphere of Influence, and that the County cease issuance of any pending County cultivation permits.

It is difficult to estimate the long-term impacts of allowing cannabis cultivation and processing at thousands of locations throughout the county. Inevitably, not all the impacts will be able to be predicted. The City of Fortuna would suggest that the County limit the permits to the existing applications and assess the impacts from those permits that have already been initiated prior to accepting new permit applications. If the County decides it must allow new permit applications the City would urge the county to limit new applications to set number every year and to limit the huge change to the landscape that appears to be happening, as it is causing conflicts between residential development and commercial cannabis cultivation. During the development of the County's Draft General Plan, many members of the public indicated their desire for more parcels rural residential or traditional residential agricultural types of development. The competition from commercial cannabis development on agricultural, timber and residential agriculture parcels will result in fewer parcels being available to those who wish to live in a country environment and practice traditional types of agriculture. It is also increasing property values for rural properties suitable for cannabis cultivation. Such pricing does not allow many people who currently live in Humboldt County to be able to afford to purchase land, and also results in an influx of developers from across the country buying land in Humboldt County.

Aesthetics

The proposed expansion of the number of permits will result in visual blight by increasing the construction of greenhouses and other buildings on agricultural land that has historically been used for open space and pastureland. Where development has previously been limited to agricultural accessory structures limited in size, under the County's proposed cannabis expansion without limit to the number of permits, development will involve an increase in building coverage. For example,

several of the sites with submitted permit applications in the City's sphere propose up to 50,000 square feet in new greenhouses.

The County should consider the visual impacts of this intensification of building development. In addition, nuisances will include interior greenhouse lighting leaking into the night sky, outdoor/security lighting, fencing, and razor wire as visual blight. Because of the visibility of the cultivation sites directly from adjacent City residences, the aesthetic impacts are significant and cannot be fully mitigated, through typical means such as screening, fencing, etc. For this reason, the aesthetic impact cannot be mitigated relative to the residents of Fortuna, and the City requests that it be banned along the City's borders and that the County adopt a prohibition throughout the Sphere of Influence.

The glow from nighttime lighting will potentially impact the view of the eastern sky in the greater Fortuna area. The County's existing cannabis performance standards do not contain a measurable or enforceable standard for light emissions, but leaves the determination to subjective interpretation. The City would like to see a greater measure of guarantee that no lighting will not emanate from the greenhouses.

Air Quality/Odor

The odor from large-scale cultivation and processing will have an ongoing, daily negative impact on the quality of life of the nearby residents. The draft EIR should analyze the impacts and unequivocally demonstrate that all structures containing cannabis, for both cultivation and processing, will have odor-reduction equipment installed that prevent the release of any odor emissions to neighboring residents.

Public Safety

It has been demonstrated that cultivation, processing, and dispensary activities attract crime to the sites through an increase in burglary, robberies, and possession of weapons. Home invasion robberies have become more prevalent and violent crime including homicide are reaching an all-time high in Humboldt County. City of Fortuna police are called out to assist County law enforcement on these crime incidents, impacting public safety resources within the City of Fortuna and delaying response times within the City.

Although it is now legal in the State of California, marijuana is still a Schedule 1 drug with the potential for abuse and as such it can attract crime, and the residents of Fortuna have expressed objection to it being in their backyards and in the immediate vicinity of their families and children. Transient populations have increased in the urban areas nearest to the outlying cultivations sites, bringing crime and social instability, affecting the housing shortage, and increasing rents, land costs, and demand on services.

The City is requesting that the EIR investigate and identify the potential increase in crime rates, safety impacts to neighborhoods, and financial impacts to the City's law enforcement resources.

Watersheds

The County proposes to focus cultivation “to areas with slopes less than 15% and to the lower portions of the County’s watersheds will concentrate cannabis activities into developed areas of the County”. Currently the outskirts of the incorporated areas, such as around Fortuna, Eureka, Arcata and other urban areas, fit this description and therefore commercial cannabis growing and impacts will be intensified in those areas, and will increase the potential for commercial cultivation in those areas. This will lead to cumulative impacts within the lower areas around Fortuna and Fortuna will be unfairly burdened with cumulative impacts. These impacts should be addressed in the draft EIR.

The location of cannabis grows throughout the watersheds of Humboldt County will continue to have significant impacts. It will be difficult or near impossible to monitor the water usage of grows that are dependent on forbearance or rainwater collection as there will never be enough code enforcement to do regular inspections. In the event of a system failure and loss of stored water, growers will be forced to find water in other ways, most likely illegal surface water diversions or trucking water from far away. When water is pumped from surface creeks it has a direct impact to salmon, steelhead and other aquatic species and has the potential to harm the recreational and commercial fisheries of Humboldt County. Similarly, trucking water in will result in increased greenhouse gas and traffic impacts on small rural roads, thereby diminishing the quality of life for those in the outlying areas.

Storm Water

Because of local topography, cultivation sites in the vicinity of Fortuna will result in stormwater runoff being directed into the City’s watersheds. Development of cultivation sites will increase the impervious surface on each site which will result in increased off-site flows to City drainage facilities if not fully mitigated.

City of Fortuna policies include protections from increased runoff, including that all new development complies, to the extent reasonably possible, with the recommendations of the 2005 Storm Drain Master Plan (SDMP). The City requests that all cannabis permit requests be accompanied by drainage reports and/or calculations that specifically include consideration of the recommendations within the SDMP. Specific provisions that should be incorporated into any development design, and/or addressed within the SDMP include, but are not necessarily limited to: 1) Incorporation of onsite and regional storm drainage detention; and 2) New development shall not increase the estimated existing 25-year peak runoff volume from the site. Any increase beyond the peak 25-year event resulting from new development shall be retained or detained at the expense of the developer/owner.

The City of Fortuna requests that drainage reports for each cannabis site be completed and identify stormwater volumes and recommend improvements to mitigate any off-site impacts to City drainage facilities. The City of Fortuna would like to review and approve each report for projects within the sphere of influence prior to approval of the proposed project and request that the County require the recommended drainage improvements presented in the final drainage report.

Groundwater

One of the most critical deficiencies of the County's Initial Study/Mitigated Negative Declaration for the existing ordinance is the failure to project a water demand for the intense use of water that is involved with marijuana cultivation. Cultivation may have a significant effect on the water supply of existing development, with any new development having the potential to significantly increase demands from a diminishing resource. A thorough and detailed water demand analysis must be provided by the EIR as well as alternatives that could use less water.

The County should analyze the cumulative effects of both groundwater consumption and its impact on surface water. The County should review the groundwater basin management plan to determine if the project will have impacts on the ability to maintain sustainable levels.

Local Roads

The NOP states that a proposed objective is to limit cultivation sites to within 1 mile of county-maintained roads, or on category 4 private roads. This standard will concentrate development in existing urban areas where such roads already exist, including the City of Fortuna. For example, City residents are being exposed to a cultivation site of 50,000 square feet of greenhouses located on Nelson Drive, a substandard road that is maintained by local residents. This standard will also encourage construction of new roads, and resulting sediment load being placed in creeks within the lower watersheds. The EIR should analyze the water quality requirement for road building and maintenance, and should consider limitation of the number of permits issued as an EIR alternative.

Traffic

The increase in the number of cannabis permits issued will result in an increase in traffic volumes on all roads in the surrounding area, thereby impacting City roadways. There two primary highway access points to the areas east of Fortuna (where we are seeing increased cannabis development) including at Kenmar Road and 12th Street. Currently there are intersections at both interchanges that are either operating at, or below an acceptable level of service, or are expected to with the planned growth of the City. The increased development caused by the proposed project will contribute to the traffic at key intersections within the City and will result in more traffic on narrow, substandard, or partially developed residential roads. The Fortuna General Plan identifies intersections impacted by future growth. The City would like to see a requirement for a traffic study on all projects greater than 10,000 square feet so that site-specific impacts may be identified and local roadway impacts can be mitigated.

Fortuna Municipal Code Chapter 17.05 and the City's General Plan require that "5. A traffic study shall be prepared by a qualified professional and submitted to the public works department for new residential development with more than 30 dwelling units, or commercial, office, or industrial uses with more than 10,000 square feet of floor area." Therefore, the City requests that the County require that cannabis permit applicants complete a traffic study for each development project and submit for review and approval by the City of Fortuna and that the County include any proposed improvements recommended in the traffic study as conditions to be completed by each project applicant.

Each traffic study shall be prepared using the Caltrans Traffic Impact Analysis methodology when evaluating the City and/or City/County intersections. The study shall also address the cumulative impacts generated by cannabis developments and include the level of service analysis for affected intersections. If traffic signals or other mitigation measures are warranted at affected intersections, the developer shall mitigate or determine their proportionate share of mitigation costs and submit this information to the City of Fortuna public Works Department for review and approval.

On-grid power or alternative energy

The use of generators is not an appropriate method of providing energy to the cannabis sites, and the City urges adoption of stricter standards. Accidental fuel spills will affect water quality and fisheries. As City of Fortuna land is located downstream from the County's jurisdiction on the north, east, and south sides of the City, city streams will be directly impacted by the use of generators. In addition, impacts that should be analyzed include impacts of noise and odors on adjacent residential uses.

Impacts from all proposed alternative energy sources should be considered in the analysis. It is questionable that there would not be significant impacts from the use of alternative energy at the estimated approximately 10-15,000 cultivation sites. Cumulative impacts should be studied. Due to potential impacts from alternative energy sources (loss of farmland from use of solar panels, impacts to biological resources, and aesthetics from the use of wind turbines), cannabis sites should be required to operate on the grid.

Enforcement

The county estimates that there may be over 14,000 commercial grows within Humboldt County. Currently the County is understaffed with regard to code enforcement. As a part of the analysis of the EIR the county should anticipate code enforcement staffing levels and provide estimates of how many full time staff will be required in order to regulate commercial cannabis activity throughout the county. Some aspects of enforcement will be difficult, if not impossible and could lead to unavoidable impacts. For example, if water tanks are accidentally left opened at a location where rainwater collection or forbearance is the primary source of water, cannabis operators could be left with a decision to illegally divert water from nearby streams or lose their financial investment. Inevitably, this will lead to surface water diversions and impacts to aquatic resources. Therefore, the County should not consider allowing rainwater collection or forbearance as an acceptable water source, and acknowledge that no level of code enforcement will be sufficient to avoid impacts.

Summary

The project description states that changes to the existing ordinance may occur; we propose such changes, establishing a substantial and effective buffer between the City limits and the area in the County where cannabis activities may be allowed. The City has concerns with the County's consideration of repealing the permit deadline and expanding cultivation areas. Many of the criteria for expanded cultivation areas will focus development and impacts in developed areas, including the City of Fortuna.

The City requests the establishment of a more significant buffer that would protect all of the City's residents. Such a buffer would need to encompass the entire City Sphere of Influence in order to create an appropriate buffer given the irregular City/County jurisdictional boundary. The City objects to the approval of any marijuana activities within the Sphere of Influence. Adoption of performance standards will not mitigate the aesthetic or safety impacts to City residents. The cumulative effects of the County's ordinance in the immediate vicinity will have a negative impact on local residents.

Fortuna has adopted a City-wide prohibition on all marijuana activities, except for those regulations that are preempted by State law. The County's existing ordinance and proposed amendments expanding the number of permits without limit are inconsistent with the City's ordinance. City residents bordering cultivation sites will be subject to increased noise, odors, dust, traffic, crime, and groundwater depletion, and the City will be affected by stormwater and water quality issues as well as housing impacts and land use conflicts. The issues listed in this letter should be analyzed and addressed in the draft environmental impact report t.

In our opinion, the County's adopted program failed to meet the intent and requirements of the California Environmental Quality Act (CEQA) regarding the range of cultivation activities, in scope and standards. We anticipate that the review being undertaken through the EIR process will address these impacts and will result in the inclusion of a buffer that is contiguous with the Sphere of Influence boundary, or that the County considers other buffer alternatives with an equal measure of protection. The City would like to work with the County to develop appropriate measures to mitigate these and other potential impacts.

The City of Fortuna appreciates your consideration of these comments and would like to receive a copy of the Draft EIR. We would be happy to meet with you to discuss these matters.

Sincerely,



Mark Wheatley
City Manager

From: Manko, Tiffany@Wildlife [Tiffany.Manko@Wildlife.ca.gov]
Sent: Tuesday, May 9, 2017 1:26 PM
To: Lazar, Steve; McCray, Kurt@CALFIRE; Feiler, Stormer@Waterboards; Henriouille, Diana@Waterboards; Curtis, Joshua R.@Waterboards; White, Adona@Waterboards; Babcock, Curt@Wildlife; Bauer, Scott@Wildlife; Liebenberg, Angela@Wildlife; Manthorne, David@Wildlife; Bourque, Ryan@Wildlife; Bocast, Kalyn@Wildlife; White, Steve@Wildlife; Leppig, Gordon@Wildlife; Harnsberger, Laurie@Wildlife; Arnold, Jane@Wildlife; Hendrix, Jon@Wildlife; Cobb, Donna@Wildlife; Gray, Corinne@Wildlife
Subject: RE: Amendments to Humboldt County Code Regulating Commercial Cannabis Activities, Humboldt County
Attachments: CEQA_2017_0087-HUM-Cannabis_NOP.pdf

Please see attached letter. Original sent to Steven Lazar today.

Thank you,

Tiffany Manko
Office Technician, Correspondence
CA Dept. of Fish & Wildlife
(530) 225-2125



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EDMUND G. BROWN, Jr., Governor
CHARLTON H. BONHAM, Director



May 9, 2017

Steven Lazar
Humboldt County Planning and Building Department
3015 H Street
Eureka, CA 95501

Subject: Amendments to Humboldt County Code Regulating Commercial Cannabis Activities, Humboldt County, California

Dear Mr. Lazar:

The California Department of Fish and Wildlife (Department) has reviewed the Notice of Preparation (NOP) of a Draft Environmental Impact Report (DEIR). The Department received the NOP for Amendments to Humboldt County Code Regulating Commercial Cannabis Activities from the County of Humboldt Planning and Building Department (HPBD) on April 10, 2017. The Department last provided comments on the Medical Marijuana Land Use Ordinance – Phase IV in October 2015.

The Department has jurisdiction over the conservation, protection and management of fish, wildlife, native plants and their habitat. As a Responsible and Trustee Agency, the Department administers the Lake or Streambed Alteration Program (LSAA), California Endangered Species Act (CESA), and other provisions of the Fish and Game Code (FGC) that conserve the State's fish and wildlife public trust resources. The Department provides the following comments and recommendations on the proposed Project in our role as a Trustee Agency pursuant to the California Environmental Quality Act (CEQA; California Public Resources Code [PRC] § 21000 et seq.).

The Department strongly supports efforts to regulate cannabis cultivation and to address the numerous and substantial environmental impacts. The Department believes that greater regulatory oversight and enforcement by local Lead Agencies can help minimize the environmental impacts of cannabis cultivation. The Department's recommended level of oversight and enforcement is in contrast to the stance taken by Humboldt County (County) on land use development activities that have occurred specific to cannabis cultivation prior to this land use code.

The County has allowed cannabis cultivation and rural land use development to proliferate with minimum enforcement. Due to HPBD's lack of oversight and enforcement, the Department has been forced to act as a law enforcement deterrent to address the rampant violations of County Code, Fish and Game Code, and Water Quality Code that have occurred and continue to occur in response to the Counties open door policy on cannabis cultivation. The Humboldt County Initial Study on Cannabis Cultivation described the environmental setting which estimated 8,000 to 10,000 cultivation sites in the County as of 2014, with an anecdotal rapid expansion

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observed in the last several years¹. Cultivation densities are estimated as high as 27 sites per square mile in the Initial Study. The current land use ordinance proposes no limits on density or watershed carrying capacity of cultivation sites. The Department recommends assessing the carrying capacity of watersheds to support cannabis cultivation (**Recommendation #1**).

While it is proposed to regulate legal and legitimate cannabis cultivation through a local land use ordinance, the HPBD does not have the means to enforce the mitigations proposed within the current ordinance. Failure to enforce the rules associated with the existing and proposed land use ordinance greatly weakens any mitigation and therefore fails to protect the environment from further degradation.

The Department spends a considerable amount of staff time and resources investigating and documenting the environmental impacts resulting from cannabis cultivation. Department staff has conducted inspections on hundreds of cannabis cultivation sites throughout the County. The Department has documented substantial adverse impacts of cannabis cultivation on forest lands, including impacts from water diversions and stream dewatering, forest clearing and conversion, pollution, and sediment discharges.

These investigations have led to the issuance of several hundred Notices of Violation (NOV's) and filing of cases with the County's District Attorney's office. More recently the Department has also filed civilly through administrative hearings to recover costs and enforce remediation requirements. The sheer scope of cannabis cultivation in the County is overwhelming to local and state agencies, and efforts to further increase cannabis cultivation in the County should not be permitted without first evaluating and enforcing regulations on the thousands of active sites that continue to operate in violation of local, State and federal law.

Environmental Impacts

Documented environmental impacts of cannabis cultivation include habitat fragmentation, habitat loss through land clearing and conversion, reduction in instream flow, and delivery of sediment, nutrients, petroleum products, and pesticides to streams (Carah et al. 2015). Unpermitted land use development is a major concern to the Department and includes road building, grading, pond construction, stream crossing construction, and hydrologic modification including rerouting of streams and interception of groundwater through poorly constructed road systems.

Additional impacts Department staff have documented include degraded water quality; degraded habitat due to inappropriate location of development; development within riparian buffers; loss and degradation of wetland habitat; wildlife entanglement and

¹ See <https://Humboldt.org/DocumentCenter/View/56447>.

mortality due to on site hazards (ex. plastic mesh); wildlife entrapment; fish passage barriers due to improperly designed water diversions; altered natural photoperiods from light pollution; and introduction of nonnative species (fish and plants) resulting in predation of native species degraded habitat quality.

Many of these effects are unique to cannabis cultivation; strategies to minimize and mitigate potentially significant environmental impacts should be fully considered and incorporated when developing a new regulatory program. As a Lead Agency pursuant to CEQA, the HPBD has the primary responsibility for minimizing significant environmental impacts associated with land use zoning through implementation of its' land use code and zoning ordinances.

Enforcement

Although the Department is supportive of efforts to regulate cannabis cultivation, issuance of permits will not ensure compliance, particularly without consistent monitoring, enforcement, and substantial penalties for violations. The Department has observed minimal enforcement of cannabis cultivation sites in the past several years by the County, with the exception of eradication efforts conducted by the Sherriff's office supported primarily by grant funding. Eradication does little to mitigate environmental impacts over time, as these efforts have not been conducted in cooperation with environmental investigation. Sites that operate in violation of environmental regulations should be shut down until compliance with local and state laws is demonstrated. The HPBD should ensure that adequate funding and personnel are available, and meaningful enforcement is implemented concurrently for permitted cultivation operations, as well as those not in compliance with County Code. The HPBD should partner with, but not rely on, State agencies for enforcement.

Without meaningful enforcement and penalties for non-compliance, the number of unpermitted and noncompliant cultivation sites with their associated environmental impacts will continue to increase. The Department recommends the amended County Code include specific penalties or remedies for permit non-compliance and post-permit environmental remediation, and provide adequate staffing to conduct enforcement efforts and compliance review (**Recommendation #2**).

Water Use and Availability

California has a Mediterranean climate, where most of the state's precipitation falls from October to May (CDFG 2003), not during the primary cannabis summer growing season. Due to the lack of summer rainfall and the absence of snow, rivers and streams have receding flow from May until September. Water use peaks in the heat of the summer at the same time instream flow is at its lowest, creating a conflict between water demand and water availability for fish and wildlife resources. The Department is concerned that there is not adequate flow in most streams to meet the water demand

for cannabis cultivation at its current levels, as well as the domestic water use for dwellings and other residential and commercial uses developed to facilitate cannabis cultivation and processing. Based on numerous field observations and ongoing research, the Department believes that the overuse of surface water diversions for cannabis cultivation has and will continue to have a significant impact on aquatic resources.

As the NOP states, “Nearly all of the HPBD’s municipal water providers rely upon local surface (streams and reservoirs) and groundwater sources, which are fed entirely by precipitation...” and “most outdoor and mixed light cultivation sites are located in rural areas served by private wells, [and] surface water diversions.” The potentially significant impacts from a substantial increase in water demand on streams and rivers must be disclosed and analyzed in the DEIR (**Recommendation #3**).

In addition, the Department has observed that construction and use of large ponds (sometimes 500,000 gallons or more) as a water storage method has increased dramatically in the County. In the past, the HPBD has allowed the construction of new ponds, which often involve substantial grading and fill, under a ministerial grading permit with no environmental review. These ponds may pose risks to water quality and sensitive habitats if they are designed and constructed without proper engineering. The Department has observed many ponds built in inappropriate locations, and failed ponds that have delivered sediment to nearby streams. In addition, these ponds often provide breeding habitat for non-native, invasive species such as American bullfrog (*Lithobates catesbianus*), a species that preys upon native frogs such as the northern red-legged frog (*Rana aurora*) and foothill yellow-legged frog (*Rana boylei*), both California Species of Special Concern. The County should provide a mechanism to regulate the development of ponds as part of cannabis cultivation permitting, including a requirement for engineered designs, and invasive species management plans for all ponds. Ponds are Department jurisdiction if they are filled from, or outlet to a stream or wetland. The Department recommends the HPBD should ensure that, as a condition of approval for cannabis cultivation permits, required approvals from the Department and any other applicable regulatory agency is obtained prior to pond development (**Recommendation #4**).

Direct impacts to streams, riparian areas, wetlands

The Department has observed that many cannabis cultivation applications do not accurately characterize on-site streams or wetlands, nor propose adequate buffers for aquatic resources. The Department recommends that if surface waters (streams and wetlands) are present on a parcel, the County requires a qualified professional delineate these waters (**Recommendation #5**). Delineated waters should then have minimum buffers applied (no less than 50 feet for intermittent streams, 100 feet for perennial streams, and 150 feet for major or regionally important streams and rivers) as measured from top of bank or outer edge of riparian, whichever is greater.

Many areas where cannabis cultivation may be permitted include agricultural and other areas within the 100-year floodplain. The Department has commented on cannabis cultivation project proposals for greenhouses within 100 year floodplains. These greenhouses require grading, fill, and often have concrete floors. These structures create a permanent development footprint that cannot be easily converted back to floodplain in the same way that other agricultural uses (grazing, planting and harvesting of some crops) can.

Floodplains are an important physical and biological component of riverine ecosystems. All rivers flood, and flooding is an expected and recurring event in natural river systems. Development in flood-prone areas disconnects rivers from their natural floodplains and displaces, fragments, and degrades important riparian habitat. Development in floodplains often eliminates benefits of natural flooding regimes such as deposition of river silt on valley floor soils and recharging of wetlands. In addition, braided channel structure, off-channel fish habitat, and backwaters are eliminated, resulting in higher velocity flows. These changes lower habitat suitability for salmonids, which need low-flow refugia to escape flood flows. Structures in flood plains are vulnerable to erosion and flood damage. Once structures are built and threatened by river flooding, property owners often seek to armor river banks or build or raise levees to prevent future property damage. Thus, not only does development displace riparian and floodplain habitat when it is built, it often results in further habitat and floodplain loss through additional development to protect structures.

Development and habitat conversion in floodplains results in degradation of riverine and riparian habitats, and negatively impacts the fish and wildlife species that depend on them. The Department recommends that the cannabis cultivation permitting prohibit placement of permanent structures within the 100-year floodplain of any stream or river (**Recommendation #6**).

Impacts of Night Lighting on Wildlife

Cannabis cultivation increasingly uses artificial lighting in greenhouses, and so-called "mixed-light" techniques to increase yields. The adverse ecological effects of artificial night lighting on terrestrial, aquatic, and marine resources such as fish, birds, mammals, and plants are well documented (Johnson and Klemens 2005, Longcore and Rich 2016, Rich and Longcore 2006). Some of these effects include altered migration patterns and reproductive and development rates, changes in singing behavior in bird species (Miller 2006), changes in foraging behavior and predator-prey interactions, altered natural community assemblages, phototaxis (attraction and movement towards light), disorientation, entrapment, and temporary blindness (Longcore and Rich 2004, Longcore and Rich 2016).

The Department has determined that light pollution disrupts the abilities of night-foraging birds (CDFG 2007). Artificial lighting impacts bat roosts, and Johnston et al.

(2004) recommend that artificial lighting be directed away from bat roosts or possibly shaded by trees. Research on the effects of artificial lighting on salmonid populations indicate that increased light intensity appears to slow or stop out-migrating juvenile salmon and affects feeding patterns. Juvenile salmonids in the presence of increased artificial night lighting may be more vulnerable to predation (McDonald 1960, Patten 1971, Ginetz and Larkin 1976, Tabor et al. 2004). Because cannabis cultivation sites are commonly located in remote forested areas that would otherwise not be affected by night light pollution, and because these forested areas contain habitat for many organisms that are negatively impacted by light pollution, cultivation using artificial light on a landscape scale could have a significant impact on wildlife.

The Department is opposed to outdoor cannabis cultivation using lights, and the resulting night light pollution. The Department recommends that if lighting is used for cultivation within structures, light should not be visible from outside the structure. The HPBD should not allow the use of lights at night for cannabis cultivation in greenhouses due to the difficulty in fully blocking light escapement, and should ensure that these prohibitions are enforceable, and actively monitored for compliance (**Recommendation #7**).

Impacts of Noise on Wildlife

Diesel and gasoline-powered electric generators is a common fixture of indoor and outdoor cannabis cultivation sites. Electric generators can produce considerable air and noise pollution. The effects of noise pollution on wildlife include disrupting communication between individuals, affecting predator-prey relationships and foraging efficiency, and habitat selection and bird nesting density (Barber et al. 2009; Francis and Barber 2013).

On a watershed scale, the chronic noise pollution from numerous cannabis cultivation site generators has the potential to result in substantial habitat loss or degradation to a number of wildlife species. Generator-produced noise pollution can be especially harmful to night-foraging animals such as owls and bats, which hunt for prey primarily through hearing. The State- and federally-threatened northern spotted owl (*Strix occidentalis*), for instance, occurs in forested coastal Humboldt County and is vulnerable to nighttime generator noise impacts.

Impacts to bats from noise are another specific concern. Populations of many bat species across North America and globally are declining. Approximately fifteen percent of the global bat fauna are listed as threatened by the International Union for Conservation of Nature (IUCN). However, a greater number of species (about 18%) are listed by the IUCN as "data deficient," meaning there is a lack of studies that can be used to support assessments of conservation status (Voigt and Kingston 2016). This decline has numerous causes, but habitat loss and degradation are principal contributors.

According to the California Natural Diversity Database (CNDDDB), 12 of California's 25 bat species are designated as California Species of Special Concern, USDA Forest Service Sensitive, or federally Endangered. The County has ten species of bats either documented or highly likely to occur, three of which, the pallid bat (*Antrozous pallidus*), Townsends's big-eared bat (*Corynorhinus townsendii*), and western red bat (*Lasiurus blossewillii*), are California Species of Special Concern. Bats have been shown to avoid areas with chronic noise (Schaub et al.2008) and the foraging success of certain bat species is reduced by chronic noise (Siemers and Schuab 2011).

In conjunction with the other habitat fragmentation, degradation, and disturbance-related impacts of outdoor cannabis cultivation already mentioned, both night light pollution and chronic generator-induced noise impacts may contribute to landscape-scale wildlife habitat declines.

Based upon the information above, the Department recommends the DEIR include an analysis of potential night light pollution and chronic noise exposure impacts to wildlife, and effective avoidance, minimization and/or mitigation strategies
(Recommendation #8).

Impacts to Listed Species

Humboldt County is known to support several species listed or candidate under the California Endangered Species Act (CESA, Fish and Game Code § 2050 et seq.). Specifically, Coho Salmon (*Oncorhynchus kisutch*) and Northern Spotted Owl (*Strix occidentalis caurina*) are present in areas where cannabis cultivation occurs. Cannabis cultivation activities detailed above have the potential to cause "take" of and impacts to these listed species. Take of species of plants or animals listed as endangered or threatened under the California Endangered Species Act (CESA) is unlawful unless authorized by the Department with an Incidental Take Permit. The DEIR must state whether the Project could result in any incidental take of any CESA-listed species. The HPBD should adequately analyze potential impacts and include avoidance, minimization and mitigation measures to avoid or mitigate impacts in the DEIR
(Recommendation #9). For Coho Salmon, cumulative impacts from surface water diversion are a particular concern.

Notice of Preparation

The Department provides the following comments specific to the NOP, using the general organization and section titles in the document.

Project Description

In part, this section includes a list of criteria for areas where expansion or new cultivation would be allowed.

Water Source

The Department recommends that the DEIR a) define criteria of a “viable” water source; b) provide standards and requirements for a “localized water management plan”; and c) define the criteria for determining whether groundwater is “non-hydrologically connected” (**Recommendation #10**).

Roads

The Department is concerned about extensive new road construction, and use of existing unpermitted seasonal roads and/or skid trails, associated with cannabis cultivation. In many locations, roads would not have been constructed or reopened if not to provide access to a cultivation site. These roads are often inappropriately located; are not properly surfaced for wet season use; poorly constructed and maintained; frequently include unpermitted, undersized and/or poorly installed stream crossings; are hydrologically connected to streams (creating a risk of sediment delivery); and contain steep grades that are nearly impassible under saturated conditions.

The Department is further concerned with access roads that connect paved roads to cannabis sites. Many access roads traverse unimproved private lands and road segments where environmental impacts and potential Fish and Game Code violations are substantial (e.g. failed road crossings, stream fords). Existing County Code does not provide a mechanism to address the proposed increase in traffic on existing, unpermitted access roads. In some cases, impacts such as sediment delivery and erosion cannot be corrected while allowing the road to remain. In such cases, road decommissioning and restoration may be the only feasible option to rectify existing conditions and prevent future impacts.

As described, the Project would allow expansion or new cultivation in areas “located on or within 1 mile of county-maintained roads, or *located on private road systems meeting the category 4 road standard*” (*emphasis added*). The Department is concerned that this provision will encourage additional road construction, and will allow the continued use of problematic roads constructed without the benefit of permits or the use of best management practices.

The Department recommends the County DEIR provide adequate avoidance, minimization and/or mitigation measures (including decommissioning and restoration where appropriate) that address the environmental impacts of past and future

cultivation-related road construction, including habitat fragmentation and impacts to sensitive aquatic habitats and species (**Recommendation #11**).

Limit Cultivation to Areas Not Requiring Timberland Conversion

The DEIR should provide detail regarding enforcement of this provision. The Department recommends that the County demonstrate that there will be a mechanism to determine whether illegal timberland conversion was conducted to facilitate cannabis cultivation, and to deny permit applications based on that determination.

Agriculture and Forestry Resources

The Department is not clear from reviewing this section whether new or expanded cultivation in Timber Production Zone (TPZ) would be prohibited in the new Project. The Department is opposed to commercial cultivation of cannabis on forested parcels, including lands zoned TPZ and areas defined as timberland pursuant to PRC section 4526. The deleterious effects of habitat conversion, fragmentation, and parcelization of forestlands on wildlife and fisheries are well documented in the scientific literature. The Department recommends that the amended County Code not allow new or expanded cultivation on forested parcels (**Recommendation #12**).

Biological Resources

The Department's concerns regarding impacts to Biological Resources, Hydrology and Water Quality are addressed in detail above.

Public Services

The NOP notes that "Most of the County is designated as a High or Very High Fire hazard area by the California Department of Forestry and Fire Protection." The DEIR should address the potential environmental impacts of compliance with "Fire Safe" vegetation clearing to create defensible space pursuant to PRC section 4291. Many unpermitted dwellings and outbuildings have been constructed adjacent to and within streamside management areas in Humboldt County. Constructing fuel breaks around structures require the removal of trees and understory vegetation, and thus would impact sensitive riparian forest habitat along streams.

Cumulative Impacts

As stated in the NOP, cumulative impacts must be addressed pursuant to CEQA section 15130. The Department is concerned about cumulative impacts not only as they relate to cannabis cultivation, but also rural residential development and other types of development that have similar impacts. The Department recommends that the

county establish maximum limits of allowable cultivation as a proportion of watershed size (e.g., HUC 12 size) to minimize cumulative impacts (**Recommendation #13**).

General Comments

CEQA Review for Individual Cultivation Sites

Without robust environmental protection and a provision for individual project review, permitting cannabis cultivation on the scale that Humboldt County intends to allow is likely to cause significant environmental impacts. CEQA section 15378 defines “project” to include “the whole of the action, which has a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment...” Without a cap on the number or acreage of cultivation sites, a defined time horizon, or any other defined limit, the HPBD’s CEQA review must consider the potential that all parcels that meet the HPBD’s zoning criteria could be developed for cannabis cultivation. Without site-specific review and approval for each site, it is not clear how impacts of this County-wide project could be mitigated to a less than significant level.

The Department recommends that the DEIR define and disclose criteria that the HPBD will use to determine whether any cultivation project requires site-specific CEQA review (**Recommendation #14**).

Effectiveness of Mitigation Measures

Humboldt County’s Medical Marijuana Land Use Ordinance has been in effect since February 2016. The Department is concerned that the County’s existing regulatory framework has not been effective in avoiding, minimizing and/or mitigating the environmental impacts of cannabis cultivation. Pursuant to CEQA section 15002, the DEIR must disclose and evaluate all of the project’s potentially significant impacts; identify ways to avoid or significantly reduce environmental damage; propose, as appropriate, feasible and effective mitigations for those impacts; and disclose reasons for approving the proposed project if significant environmental impacts will occur. In addition, pursuant to CEQA section 15126.4(a)(2), mitigation measures must be fully enforceable through permit conditions, agreements, or other legally binding instruments.

The DEIR should include an analysis of the effectiveness of mitigation measures under the current program in avoiding, minimizing or reducing the environmental impacts of cannabis cultivation sites, particularly if the same or similar mitigation measures are proposed for use in the amended County Code (**Recommendation #15**).

Fish and Game Code

Several Fish and Game Code sections apply to activities that the HPBD would permit under the amended Code. Fish and Game Code section 1602 et seq.² requires notification for diversions of water from a surface water source, or of water hydrologically connected to a surface water source (e.g. offset wells), as well as for physical changes to the bed, channel or bank of any river, stream, or lake.

In the experience of the Department staff, nearly all cannabis cultivation sites require a LSAA frequently for water diversion and/or stream crossings (including culverts). The Department recommends that all cannabis cultivators submit notification to the Department (**Recommendation #16**). If the Department determines an LSAA is not necessary, it will provide written verification to that effect. State licensing through the California Department of Food and Agriculture will require that all cultivators obtain either an LSAA or a letter from the Department stating that an LSAA is not required³.

Department staff has also documented increased observations of unpermitted non-native aquatic species introductions to ponds used for water storage and water diversion associated with cannabis cultivation. Fish and Game Code section 6400 requires first submitting for inspection and securing a stocking permit from the Department before planting fish. The Department recommends that the Project prohibit non-native species introduction to new ponds and that county address the potential environmental impacts from existing introduced species in the DEIR (**Recommendation #17**).

HPBD staff and/or applicants should consult with the Department to ensure compliance with all FGC sections. Examples of other applicable FGC sections include but are not limited to section 2050 et seq. CESA section 5650 (prohibits water pollution), section 5652 (prohibits refuse disposal in or near streams), and section 5937 (requires sufficient water bypass and fish passage, relating to dams).

Summary of Recommendations

In summary, the Department provides the following recommendations for the HPBD to address in the amended County Code and DEIR:

1. The current land use ordinance proposes no limits on density or watershed carrying capacity of cultivation sites. The DEIR should assess the carrying capacity of watersheds to support cannabis cultivation.

² Fish and Game Code section 1602 states, in part, that an entity "may not substantially divert or obstruct the natural flow of, or substantially change or use any material from the bed, channel, or bank of, any river, stream, or lake" without written notification to the Department.

³ <https://static.cdfa.ca.gov/MCCP/document/MCCP%20Factsheet%20Summary-%20California.pdf>

2. The DEIR should address amended County Code to include specific penalties or remedies for permit non-compliance and post-permit environmental remediation, and provide adequate staffing to conduct enforcement efforts and compliance review.
3. The DEIR should disclose and analyze the potentially significant impacts from a substantial increase in water demand on streams and rivers.
4. The HPBD should ensure that, as a condition of approval for cannabis cultivation permits, required approvals from the Department and any other applicable regulatory agency is obtained prior to pond development.
5. The HPBD should require a qualified professional delineate streams and wetlands if surface waters are present on a parcel.
6. The HPBD's Cannabis cultivation permitting should prohibit placement of permanent structures within the 100-year floodplain of any stream or river.
7. If lighting is used for cultivation within structures, light should not be visible from outside the structure. The HPBD should not allow the use of lights at night for cannabis cultivation in greenhouses due to the difficulty in fully blocking light escapement, and should ensure that these prohibitions are enforceable, and actively monitored for compliance.
8. The DEIR should include an analysis of potential night light pollution and chronic noise exposure impacts to wildlife, and effective avoidance, minimization and/or mitigation strategies.
9. The DEIR should include detailed analysis of 'take' and potential impacts to CESA-listed species, and require avoidance, minimization and mitigation measures to avoid take or mitigate impacts. In particular, impacts to Coho Salmon related to cumulative impacts from surface water diversion should be included.
10. The DEIR should a) define criteria of a "viable" water source; b) provide standards and requirements for a "localized water management plan"; and c) define the criteria for determining whether groundwater is "non-hydrologically connected."
11. The HPBD DEIR should provide adequate avoidance, minimization and/or mitigation measures (including decommissioning and restoration where appropriate) that address the environmental impacts of past and future cultivation-related road construction, including habitat fragmentation and impacts to sensitive aquatic habitats and species.

12. The amended County Code should not allow new or expanded cultivation on forested parcels.
13. The HPBD should establish maximum limits of allowable cultivation as a proportion of watershed size (e.g., HUC 12 size) to minimize cumulative impacts.
14. The DEIR should define and disclose criteria that the HPBD will use to determine whether any cultivation project requires site-specific CEQA review.
15. The DEIR should include an analysis of the effectiveness of mitigation measures under the current program in avoiding, minimizing or reducing the environmental impacts of cannabis cultivation sites, particularly if the same or similar mitigation measures are proposed for use in the amended County Code.
16. All cannabis cultivators that substantially modify or divert water from a stream are required to submit notification to the Department to obtain a Lake or Streambed Alteration Agreement.
17. The Project should prohibit non-native species introduction to new ponds and that county address the potential environmental impacts from existing introduced species in the DEIR.

We appreciate the opportunity to comment on the Project and look forward to working with the HPBD to effectively regulate commercial cannabis cultivation while addressing its documented environmental impacts. If you have any questions please contact Senior Environmental Scientist (Specialist) Angela Liebenberg at (707) 964-4830 or by e-mail at Angela.Liebenberg@wildlife.ca.gov or Senior Environmental Scientist (Supervisor) Scott Bauer at (707) 441-2011 or by e-mail at Scott.Bauer@wildlife.ca.gov.

Sincerely,



Curt Babcock
Environmental Program Manager

Steven Lazar
Humboldt County Planning and Building Department
May 9, 2017
Page 14 of 16

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References

- Barber, J.R., K.R. Crooks, and K.M. Fristrup. 2009. The costs of chronic noise exposure for terrestrial organisms. *Trends in Ecology and Evolution* 25:180-189.
- California Department of Fish and Game . 2003. *Atlas of the Biodiversity of California*. Sacramento, CA.
- California Department of Fish and Game. 2007. *California wildlife: conservation challenges*. California Department of Fish and Game, Sacramento, CA.
- California Department of Fish and Wildlife. 2014. *Development, Land Use, and Climate Change Impacts on Wetland and Riparian Habitats – A Summary of Scientifically Supported Conservation Strategies, Mitigation Measures, and Best Management Practices*. Northern Region, Eureka, CA.
- California Department of Water Resources (CDWR). 2008. *Managing an Uncertain Future: Climate Change Adaptation Strategies for California's Water*. Sacramento, CA.
- Carah, J., J. Howard, S. Thompson, A. Gianotti, S. Bauer, S. Carlson, D. Dralle, M. Gabriel, L. Hulette, B. Johnson, C. Knight, S. Kupferberg, S. Martin, R. Naylor, M. Power. 2015. High Time for Conservation: Adding the Environment to the Debate on Marijuana Liberalization. *BioScience*. Doi: 10.1093/biosci/biv083
- Francis, C.D. and J.R. Barber 2013. A Framework for Understanding Noise Impacts on Wildlife: An Urgent Conservation Priority. *Frontiers in Ecology and the Environment* 11:305–313.
- Ginetz, R.M. and Larkin P.A. 1976. Factors affecting rainbow trout (*Salmo gairdneri*) predation on migrant fry of sockeye salmon (*Oncorhynchus nerka*). *Journal of Fisheries Research Board of Canada* 33:19-24.
- Humboldt Growers Association (HGA). 2010. *Review of Humboldt County 314-55.1 Medical Marijuana Land Uses Draft Proposal*.
- Johnston, D., G. Tatarian, and E. Pierson. 2004. *California bat mitigation techniques, solutions, and effectiveness*. Prepared by H.T. Harvey and Associates for the California Department of Transportation, Sacramento, CA. Project No. 2394-01.

- Longcore, T., and C. Rich. 2016. Artificial night lighting and protected lands: Ecological effects and management approaches. Natural Resource Report NPS/NRSS/NSNS/NRR 2016/1213. National Park Service, Fort Collins, Colorado.
- Longcore, T., and C. Rich. 2004. Ecological light pollution. *Frontiers in Ecology and the Environment* 2:191-198.
- McDonald, J. 1960. The behavior of Pacific salmon fry during their downstream migration to freshwater and saltwater nursery areas. *Journal of Fisheries Research Board of Canada* 17:655-676.
- Miller, M.W. 2006. Apparent effects of light pollution on singing behavior of American robins. *The Condor* 108:130-139.
- Patten, B. 1971. Increased predation by the torrent sculpin, *Cottus rhotheus*, on coho salmon fry, *Oncorhynchus kisutch*, during moonlight nights. *Journal of Fisheries Research Board of Canada* 28:1352-1354.
- Rich, C. and T. Longcore. 2006. *Ecological consequences of artificial night lighting*. Island Press, Washington, D.C.
- Schaub, A., J. Ostwald, and B.M. Siemers. 2008. Foraging bats avoid noise. *Journal of Experimental Biology* 211:3174-3180.
- Siemers, B.M. and A. Schuab. 2011. Hunting at the highway: traffic noise reduces foraging efficiency in acoustic predators. *Proceedings of the Royal Society B* 278:1646-1652.
- Tabor, R.A., Brown G.S., and V.T. Luiting. 2004. The effect of light intensity on sockeye salmon fry migratory behavior and predation by cottids in the Cedar River, Washington. *North American Journal of Fisheries Management* 24:128-145.
- Voigt, C.C. and T. Kingston. 2016. *Bats in the Anthropocene: conservation of bats in a changing world*. Springer International AG, Cham.

From: Wieman, Dwight
Sent: Monday, May 8, 2017 1:29 PM
To: Lazar, Steve
Cc: Martel, Melissa; Hawkins, Carolyn; Hill, Harriet; Wieman, Dwight
Subject: RE: Cannabis Ordinance EIR prep - Comments from Environmental Health

Good Afternoon Steve,

Below are our comments from Environmental Health for the NOP. If you have any questions, you can forward those to any of the contacts on the "CC" list above. Thank you for the opportunity to review and comment on the NOP.

From Harriet Hill:

The Notice of Preparation of a Draft Environmental Impact Report (EIR) for "Amendments to Humboldt County Code Regulating Commercial Cannabis Activities" contains only a brief reference to the impact of cannabis cultivation sites on existing solid waste facilities on page 12 under *Utilities and Service Systems*. It states "The EIR will identify and analyze impacts of cannabis cultivation sites on existing utility systems and services, including increases in generation of cultivation-related waste such as the disposal of spent bulk soil imported to cultivation sites."

We agree that the proper handling of spent bulk soil created by cannabis operations should be discussed in the EIR, including onsite alternatives to soil disposal, such as reconditioning and reusing it for cannabis or other cultivation. The EIR should give due consideration to the necessity of handling all forms of solid waste and recyclables potentially generated as a result of regulating commercial cannabis. In southern Humboldt County, the volume of disposed solid waste has been steadily accelerating as evidenced by a significant spike in tonnages received by the Redway Transfer Station over the last five years. According to facility operators, relatively little of this waste currently consists of spent soil. Note that Humboldt County Public Works was recently planning a replacement of this facility due to age, condition and an increase in waste volume but has stated that other projects have taken priority.

In short, the current recyclables handling capacity and solid waste handling capacity should both be well analyzed in the EIR.

Thank you,

DJ Wieman
Administrative Analyst
County of Humboldt, DHHS, PH
Division of Environmental Health

100 H Street, Suite 100
Eureka, CA 95501
(707) 268-2229
(707) 441-5699 (fax)

For more information about Humboldt County Environmental Health programs please go to:
[Humboldt County Environmental Health](#)



From: Hawkins, Carolyn
Sent: Friday, April 28, 2017 4:27 PM
To: Martel, Melissa <MMartel@co.humboldt.ca.us>; Lancaster, Larry <LLancaster@co.humboldt.ca.us>; Hill, Harriet <HHill@co.humboldt.ca.us>
Cc: Kalson, Mario <MKalson@co.humboldt.ca.us>; Wieman, Dwight <DWieman@co.humboldt.ca.us>
Subject: FW: Cannabis Ordinance EIR prep

Planning & Building issued the Notice of Preparation of their draft EIR for this project on April 8th. There is a 30 day comment period for the public and Responsible Agencies. Written comments need to be sent to Planning by May 9th—one week from Tuesday.

I placed a copy of the NOP at this link:

<\\Dhhs-file01\shares\ENVH\EH Resources\Marijuana Ordinance 2016\EIR\Notice of Preparation.pdf>

LEA needs to make sure they are covering the solid waste impacts of this ordinance. The NOP should provide an overview of the elements they will cover. I have not read it yet—I just ran across the NOP today.

Harriet, can you review the NOP and see if they include the obvious SW impacts—we are seeing them even now. If you are too swamped, let me know.

MM and LL, it is there for your reading as well.

CGH

From: Lazar, Steve
Sent: Friday, April 28, 2017 12:03 PM
To: Hawkins, Carolyn <CHawkins@co.humboldt.ca.us>
Subject: Re: Question on written comment deadline

Hi Carloyn-

The written comment deadline is in fact 5/9. Comments can be emailed directly to me if that helps.

-Steve

From: Hawkins, Carolyn
Sent: Friday, April 28, 2017 11:35:36 AM
To: Lazar, Steve
Cc: Martel, Melissa
Subject: Question on written comment deadline

Hi Steve,
I see scoping meeting set for May 12th, and that deadline for written comments is May 9th. I don't have much experience with CEQA, just wanted to make sure that the May 9th written comment deadline is correct.

Notice of Scoping Meeting for Cannabis Environmental Impact Report

DATE: May 12, 2017

TIME: 2:00pm to 5:00pm

LOCATION: Sequoia Conference Center

More information about the NOP and the EIR is available on the County's website at the following link:

<http://www.humboldt.gov/2308/Cannabis-EIR>

Local cities and counties, interested agencies, and the public are all invited to attend the scoping meeting and are encouraged to provide meaningful responses as to the scope and content of the EIR; as well as comments and suggestions regarding the preparation of the EIR, environmental issues and alternatives to be addressed in the EIR, and any other related issues.

Written comments should be submitted or postmarked no later than 5:00 p.m. on Monday, May 9, 2017. Please indicate a contact person in your response and send your comments to:

slazar@co.humboldt.ca.us; or

Steve Lazar

Humboldt County Planning & Building Department

3015 H Street

Carolyn G. Hawkins, REHS
Supervisor - Land Use/Solid Waste LEA programs
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From: Sherrie Sobol [sobol@hbmwd.com]
Sent: Friday, May 5, 2017 5:20 PM
To: Lazar, Steve
Cc: John Friedenbach
Subject: Cannabis EIR Comments
Attachments: Letter to Humboldt County re EIR Commercial Cannabis Activities May 2017.docx

Hello Mr. Lazar,

Attached are our comments on the Cannabis EIR: Proposed Amendments to the Humboldt County Code Regulating Cannabis Activities.

Sherrie Sobol
Executive Assistant/Board Secretary
Humboldt Bay Municipal Water District
(707) 443-5018





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GENERAL MANAGER

JOHN FRIEDENBACH

May 5, 2017

Steven Lazar
Humboldt County Planning & Building Department
3015 H Street
Eureka, CA 95501
Via email: slazar@co.humboldt.ca.us

RE: Cannabis EIR: Proposed Amendments to the Humboldt County Code Regulating Cannabis Activities

Dear Mr. Lazar,

The Humboldt Bay Municipal Water District (HBMWD) appreciates the opportunity to provide input regarding environmental issues to be addressed in the EIR. We are deeply concerned about the adverse effects of cannabis cultivation in the Mad River watershed. Our interests and concerns in preparing the EIR for cannabis permits are *water quality and quantity, ensuring cumulative impacts are analyzed* and reiterating the need for *more enforcement in protecting the Mad River*.

- 1) Water quality for our public drinking water system which serves 88,000 people (two-thirds of Humboldt County's population).
- 2) Water quantity especially during the low-flow season.
- 3) Lawful water diversions that do not injure other water right holders, conducted pursuant to the approval and reporting process established by the State Water Resources Control Board.
- 4) Protection of important habitat resources in the main-stem Mad River and also the tributaries. HBMWD is the only water district in the state with an approved aquatic species Habitat Conservation Plan. Our water supply system enhances aquatic habitat in the main-stem Mad River which supports salmonids reaching important spawning habitat in the tributaries. Water quality, quantity and the general health of the watershed are critically important for the listed salmonids.

The County has already determined many potential environmental impacts that would impact HBMWD: hydrology and water quality, public services, biological resources, and utilities and service systems. We have been experiencing these impacts for years and developing the legal requirements for growing cannabis is not going to mitigate or rectify the damage that has occurred and will continue. We need more law enforcement to reduce and eliminate the ongoing environmental impacts of cannabis cultivations within the Mad River watershed. This mitigation measure should be strongly recommended in the EIR.

Since we have not yet seen the "forthcoming interim principles and guidelines for diversion and use of water for cannabis cultivation" from SWRCB, it is difficult to provide substantive comments for impacts to our water system and supply. We can only comment that we look forward to reviewing the full EIR in conjunction with the SWRCB guidelines. The tendency to separate regulations, guidelines, and jurisdictions needs to be balanced with a thorough analysis of the cumulative impacts of cannabis cultivation activity.

Any revenues generated from the changes to the County's Code regulating commercial cannabis activities should be utilized to fund regulating those activities and ensuring compliance prior to re-directing any such funds to other County programs or budget areas.

The Mad River is a crucial resource for so many Humboldt County residents, it should be a priority for enforcement to protect our water quality, quantity, and safety and health of the environment.

Respectfully,

John Friedenbach
General Manager

Humboldt Community Services District

Post Office Box 158

Cutten, Ca 95534

(707) 443-4558

Fax (707) 443-0818

May 2, 2017

Steve Lazar
Humboldt County Building and Planning Department
3015 H Street
Eureka, CA 95501



RE: Comments on NOP regarding Cannabis EIR

Dear Mr. Lazar,

Thank you for the opportunity to comment on the Notice of Preparation for the commercial cannabis EIR. The following provides comments and concerns that the Humboldt Community Services District (District) would like to have addressed in that EIR.

As background, the District was created in 1952 to provide water and sewer service to the unincorporated areas of Eureka and today, maintains more than 160 miles of water and sewer pipelines, 10 water storage tanks and more than 40 sewer and water pumping stations over a 15 square-mile area and serving more than 22,000 Humboldt County residents.

Decades of unregulated and unenforced illegal cannabis cultivation within District boundaries have created problems with our operations. Because of this history and the proximity of the District's service area to the City of Eureka, we feel that there is a high probability there will be requests for water and/or sewer service in support of County-sanctioned indoor or outdoor cannabis grows within our District. It is our hope that the problems encountered in the past will be corrected through the mitigation measures developed as a part of this EIR process.

In general, any upgrade to the public water distribution system or sewage collection system required for any development are typically paid for by the applicant. As an example, water system facilities may need to be upsized depending on water flow demands from large cannabis grows to ensure proper flows and pressures can be provided for existing customers, future planned development per the Humboldt County General Plan, and fire protection needs of the community.

Depending on a cannabis grow site's water needs, water main upgrades or extensions may be required to ensure adequate water flows. Water booster stations or pressure reducing stations may be required or upsized to control water system pressures and to ensure that adequate pressures are continually provided. It is also possible that a public water tank upsize may be required.

The District also operates public water wells in the Humboldt Hill area. The District is concerned that if a cannabis grow site proposes to drill a water well to support their grow within the same aquifer as the District's wells, their water draw could have a negative effect on the water table and the District's ability to continue to provide the needed water volume to serve the community as it is today as well as any future planned growth in the Humboldt Hill area per the Humboldt County General Plan.

In addition, ALL public water services needed for a cannabis grow will require a privately owned and maintained water backflow prevention device.

Regarding sewer services, the District has concerns about what a cannabis grow will discharge to the public sewer system. The District has experienced sewer main blockages due to illegal cannabis grows flushing green waste down the sewer system. Clearly a plan to properly remove and dispose of green waste should be addressed in advance.

Proper storage, use of, and disposal of needed fertilizers and growing nutrients/chemicals should be addressed. This is necessary because wastewater discharges shall not exceed the Specific Pollutant Limits of the District (or any wastewater treatment plant) as there are certain chemical levels that cannot be discharged to the public sewer system. This may lead to a privately owned and maintained sewage pretreatment facility to get the discharge under the Specific Pollutant Limits for a permitted discharge to the public sewer system.

Therefore, we request that the EIR include the following regarding impact on public utilities.

- To protect public water systems, the EIR should survey all public water suppliers in Humboldt County regarding a requirement that all cannabis grows provide a privately owned and maintained water backflow prevention device and require annual testing and compliance.
- In order to protect existing and planned public water system infrastructure, the EIR should analyze potential impacts to public water suppliers and supplies and develop a mitigation measure that requires the cannabis grower to perform a Water Supply Impact Study (WSIS) to be conducted by the public water supplier and paid for by the cannabis grower. This mitigation measure should specify the information to be provided in the WSIS and include, but not limited to, flow required, water system modeling, impacts on existing water system and infrastructure upgrades necessary to accommodate the cannabis business.
- In order to protect existing and planned public sewer collection and treatment system infrastructure, the EIR should analyze potential impacts to the public sewer collection and treatment plant and develop a mitigation measure that requires the cannabis grower to perform a Sewer Collection and Treatment System Impact Study (SCTSIS) to

be conducted by the sewer system/treatment plant owner and paid for by the cannabis grower. This mitigation measure should specify the information to be provided in the SCTSIS and include, but not limited to, discharge flow rate, sewer collection system capacity modeling, sewer treatment plant capacity modeling, impacts on existing sewer system and infrastructure upgrades necessary to accommodate the cannabis business.

- In order to protect public groundwater supplies, the EIR should provide information on all aquifers within Humboldt County and provide the rationale and scientific basis for establishing a formula that can be used to calculate the maximum amount of water that can be taken from each aquifer for cannabis cultivation without interfering with existing or future public water supplies.
- In order to protect the public water supplies, wastewater treatment plan processes and the receiving waters, the EIR should provide an analysis of commonly used fertilizers, pesticides, herbicides, as well as solid waste generated by indoor and outdoor grows. Chemical analysis should include time of applications, frequency of application, discharge rate and SDS sheet for commonly use chemicals. Analysis should also include typical waste stream analysis that includes not only a robust chemical analysis, but other water quality constituents such as BOD, suspended solids and pH.
- Provide an analysis of volumetric water use by existing individual indoor and outdoor grows and develop a scientifically-defensible and scalable model that can be used by public water suppliers to determine water supply requirements for the individual grow operation.

Thank you for considering these comments and concerns. If you have any questions, please do not hesitate to contact me.

Sincerely,



David Hull
General Manager

C: Board of Directors
District Counsel



Administrative Office

Phone: (530) 493-1600 • Fax: (530) 493-5322
64236 Second Avenue • Post Office Box 1016 • Happy Camp, CA 96039

May 2, 2017
Steven Lazar
Humboldt County Planning and Building Department
3015 H Street
Eureka CA, 95501



**RE: Notice of Preparation of a Draft Environmental Impact Report
Amendments to Humboldt County Code Regulating Commercial Cannabis Activities**

Ayukii Mr. Lazar,

Cannabis cultivation is a major political, social, economic and environmental issue in Karuk Aboriginal Territory which traverses Humboldt County. The Karuk Tribe retains sovereign authority over its Lands, Members, and Territory and is charged with protecting its eco-cultural resources. Within Karuk’s Aboriginal Territory, legal and illegal cannabis growing operations are dewatering many of the streams our fisheries depend on and associated herbicides, insecticides, and rodenticides are negatively affecting our water quality and killing wildlife. At this critical regulatory point, it is imperative that environmentally protective measures are established and enforced to safeguard Karuk Aboriginal Territory and associated Tribal Cultural Resources which are exposed to increased cannabis cultivation practices. The proposed amendments to the Humboldt County Code regulating commercial cannabis activities which will broaden the existing regulations to include those activities authorized by the California Proposition 64, the Adult Use of Marijuana Act. The Karuk Tribe, having traditional and cultural affiliation with the project area request consultation pursuant to California Public Resources Code Section 21080.3.1

We fully expect and encourage the County to begin meeting with our Tribal Government and relevant staff to comply with AB 52 and the California Environmental Quality Act at the earliest possible time. These meetings can yield positive results, in particular, consideration of Tribal Cultural Values in determination of project impacts and potential mitigation measures. We have not received any such request for consultation at this time. Again, we consider this correspondence as a formal request for government to government consultation. We strongly believe the County should honor its commitment to government to government consultation and hold meetings with the Karuk Tribe to discuss this matter in detail.

The Karuk Tribe’s consultation policy defines Consultation as *“the process of seeking, discussing, and seriously considering the views of the Karuk Tribe, and seeking agreement with the Karuk Tribe on the development of regulations, rules, policies, programs, projects, plans, property decisions, and activities that may affect Tribal Resources, historic properties,*

contemporary cultural practices, and those persons under Tribal jurisdiction. This requires true government-to-government contact between the agency, government, or department and the Tribe, where high level Agency representatives meet with Tribal leaders as well as staff.”

We appreciate the County Staffs’ hard work on this complex issue. We urge an abundance of caution as the county moves into uncharted territory. The Karuk Tribe recognizes the economic opportunities afforded by changes in state law regarding cannabis cultivation; however, we must act to ensure that our eco-cultural resources and other significant tribal interests are adequately protected at the same time. We also believe it is imperative that the County meet its statutory and moral obligations to consult with the Karuk Tribe to avoid negative implications to tribal members, territories, resources and cultural properties that traverse Humboldt County.

Yootva,



Leaf Hillman
Natural Resources Director

From: Emily Abfalter [eabfalter@mckinleyvillecsd.com]
Sent: Monday, May 8, 2017 10:11 AM
To: Lazar, Steve
Cc: Greg Orsini
Subject: Response to Notice of Preparation of Draft EIR - Commercial Cannabis
Attachments: MCSD Response to NOP Draft EIR.pdf

Hello Mr. Lazar,

Please find attached, McKinleyville Community Services District's response regarding amendments to Humboldt County Code regulating commercial cannabis activities, Draft EIR.

Thank you,

Emily Abfalter

Board Secretary / Administrative Assistant

eabfalter@mckinleyvillecsd.com

p 707.839.3251



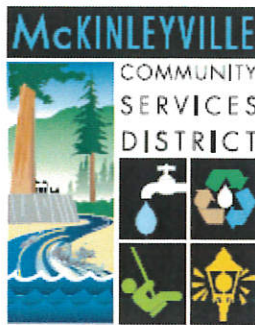
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FAX: (707) 839-5964

May 8, 2017

Steve Lazar
Humboldt County Planning & Building Department
3015 H Street
Eureka, CA 95501

RE: MCSD Comments Regarding Amendments to Humboldt County Code Regulating Commercial Cannabis Activities, Draft Environmental Impact Report

Dear Mr. Lazar,

Thank you for including the McKinleyville Community Services District (MCSD) in the environmental review process. We have completed our review of the Draft EIR for the proposed amendments to the Humboldt County Code regulating commercial cannabis activities. This letter provides MCSD's comments and questions on the Draft EIR.

On April 26, 2017, a special meeting of the MCSD Board of Directors was convened at Azalea Hall to provide the community an opportunity to provide input as to how the updated code will pertain to MCSD, specifically the provision of Water, Wastewater, Parks and Recreation were discussed. The makeup of the audience consisted of community members, some of who are involved in the commercial cannabis industry.

During the meeting, our goal was to respond to the Notice of Preparation, in an effort to fulfill our obligation to protect the District. In discussion, staff identified a number of concerns/discussion points for the Board to consider:

- Nutrient over loads and disposal of cannabis industry related byproducts in MCSD wastewater systems
- Assessing the District's additional time/manpower/expenses
- Sewer use Ordinance, local limits, issuance of Industrial Discharge Permits and MCSD pretreatment program
- Domestic water supply cross contamination concerns
- Development of specific regulatory language for the District's protection from the above noted issues

MCSD is neither obstructionists nor proponents of cannabis activity but as a provider of state and federally regulated services, we want to protect our ability to continue to provide quality, cost effective and environmentally safe services to our rate payers in the community, while we honor both the county's policies and our obligation to State and Federal regulations. Our Board of Directors have a number of concerns and questions that we would like addressed in the Final EIR.

While MCSD will not directly regulate cannabis cultivation, we will regulate the effects of water usage in various structures and the effects on our wastewater system. As it is difficult to predict what problems may arise, MCSD recommends the county should have very clear language pertaining to special districts and/or other governmental agencies, stating that the county is not restricting their

individual authority and that all rights are reserved as necessary to regulate. If there is not specific wording to this effect, how will the county ensure that the District is protected within the proposed amendments?

The District's new treatment plant should be able to treat the higher load concentrations, resulting from commercial cannabis activities; however, those heavier discharges should be required to pay more for the treatment of the higher loads. Trying to assess changes in nutrient loads poses an interesting dilemma to the District's pretreatment standards and potential impact on facilities. What is the county going to do to require a section of the ordinance to read "must comply with District's pretreatment standards"? MCSD will not be able to find the source of heavy discharges without the county's assistance. How does the county propose assisting MCSD with identifying those dischargers, who may not necessarily be applying for permits but are still in compliance with state and county regulations?

MCSD believes that McKinleyville has the highest per capita of residential grow operations in the country. As a result, we also believe that regulating cannabis activities is essential. The District would like to know how the county will use the current ordinance to quantify the numerous personal grows that have the potential to impact our wastewater system as significantly as a limited number of commercial operations. During the Special Meeting held on April 26th, testimony was given stating that, "excess nutrients are being dumped down the drain or into back yards", how will the county utilize the new ordinance to curtail those activities? Will the county require recycling programs for waste products from all commercial and personal cannabis operations?

The industry perspective communicated during the meeting, regarding regulation, was clear and consistent. People want transparency and cooperation with local government and want a community based solution to help pollution. There will always be some sort of runoff and people are open to a plan for disposal. Perhaps a holding tank emptied at a certain time or transported to a facility. There is motivation for people with permits to do things safely and they are taking things very seriously. Costs should be balanced to reflect the true effects but still feasible for people within the industry.

What process will the county utilize to determine permitted commercial operations distances from parks and recreation facilities utilized by children?

Will the county earmark a certain percentage of revenue collected from cannabis industry to help cover District costs?

In closing MCSD reserves any and all, past, present or future rights, to protect the health, safety and welfare of District members and any valid legislative purpose. Again, thank you for the opportunity to comment on this proposal. If you have any questions or comments, feel free to contact me at (707) 839-3251.

Sincerely,



Gregory Orsini
General Manager

cc: MCSD Board of Directors

From: Reynolds, Evelyn@Waterboards [Evelyn.Reynolds@waterboards.ca.gov]
Sent: Wednesday, May 10, 2017 10:44 AM
To: Lazar, Steve
Cc: Grady, Kason@Waterboards; White, Adona@Waterboards; Curtis, Joshua R.@Waterboards
Subject: Revised Comments on Notice of Preparation for Amendments to Humboldt County Code
Regulating Commercial Cannabis Activities
Attachments: 170510_ACW_er_HumCo NOP Comment Letter Revised.pdf

Attached is a Revised Comment Letter.

We identified minor errors in the document sent to you yesterday and are requesting that you update your file with this corrected version.

North Coast Regional Water Quality Control Board

May 10, 2017

Steven Lazar
Humboldt County Planning and Building Department
3015 H Street
Eureka, CA 95501
slazar@co.humboldt.ca.us

SUBJECT: Comments on Notice of Preparation for Amendments to Humboldt County Code Regulating Commercial Cannabis Activities

Dear Mr. Lazar,

Thank you for the opportunity to comment on the Humboldt County Cannabis Environmental Impact Report (EIR) project (the Project). The North Coast Regional Water Quality Control Board (Regional Water Board) is a responsible agency for this project, with jurisdiction over the quality of ground and surface waters (including wetlands) and the protection of beneficial uses of those waters. Enclosed are primary topics that the Regional Water Board offers for consideration in the development of the Project.

Water Boards Cannabis Cultivation Water Quality Regulatory Programs

On August 13, 2015, the Regional Water Board adopted a regulatory order to address waste discharges from cannabis and other similar operations: Order No. R1-2015-0023 *General Waiver of Waste Discharge Requirements and General Water Quality Certification and Monitoring and Reporting Program for Discharges of Waste Resulting from Cannabis Cultivation and Associated Activities or Operations with Similar Environmental Effects in the North Coast Region* (the Order). The Order establishes water resource protection requirements, provides a mechanism for water quality compliance, and enables the Regional Water Board to better focus its enforcement resources on environmentally damaging operations. The Order was the first of its kind in the State. Since then, cannabis-related regulatory requirements continue to evolve for state-wide application.

On June 27, 2016, Governor Edmund G. Brown Jr. signed Senate Bill (SB) 837, which requires the State Water Resources Control Board (State Water Board), in consultation with the California Department of Fish and Wildlife (CDFW), to adopt interim and long-term principles and guidelines (requirements) for the diversion and use of water for cannabis cultivation in areas where cannabis cultivation may have the potential to substantially affect instream flows. Principles and guidelines will be incorporated into licenses issued by the California Department of Food and Agriculture under its CalCannabis Cultivation Licensing, and water right registrations will be issued under the State Water Board's Small Irrigation Use Registration Program, once available.

Presently, the State Water Board is developing a state-wide general order to regulate waste discharges from cannabis cultivation activities in a manner protective of water quality. Depending on the structure and requirements of that state-wide general order, the water quality regulatory requirements for cultivators in Humboldt County, and the rest of the north coast, may be modified compared to the Regional Water Board's Order R1-2015-0023. These changes may influence the Project as it develops and we encourage Humboldt County to stay apprised of the regulatory changes. The State Water Board cannabis cultivation regulatory programs webpage is:

http://www.waterboards.ca.gov/water_issues/programs/cannabis/index.shtml

Existing Cumulative Impacts

The documented impairment by sediment of the majority of the area of Humboldt County and the North Coast Region is evidence that the implementation of existing programs used for the control of anthropogenic sediment waste discharges has not been adequate to protect, remediate, restore, and enhance sediment-impaired water bodies and to control the cumulative impacts of sediment waste discharges on such watersheds.

Excess sediment is defined as soil, rock, and/or sediments (e.g., sand, silt, or clay) from human related activities that is discharged to waters of the state in an amount that could be deleterious to beneficial uses or cause a nuisance. Some of the most sensitive beneficial uses to high sediment loads are associated with the migration, spawning, reproduction, and early development of cold water fish such as coho salmon, Chinook salmon, and steelhead trout. Besides harming aquatic life, excess sediment can limit the use of water for domestic consumption, agriculture, industry, wildlife, fishing, and recreation, and can cause or contribute to flooding. Excess sediment can also result in the exceedance of water quality objectives for suspended material, settleable material, sediment, and turbidity.

Numerous waterbodies and their tributaries in Humboldt County are already cumulatively impacted by excessive sediment and are listed as impaired under Clean Water Act §303(d). A sediment impaired water body is one that does not meet sediment-related water quality objectives or does not support beneficial uses because of too much sediment.

The Total Maximum Daily Load Implementation Policy Statement for Sediment Impaired Receiving Waters in the North Coast Region (Resolution R1-2004-0087), (the Sediment TMDL Implementation Policy) recognizes the immediate need for the prevention and control of sediment waste discharges in 303(d) listed waterbodies in the north coast and, in part, directs Regional Water Board staff to work with local governments and non-profit organizations to develop sediment prevention, reduction, and mitigation strategies, including, but not limited to, grading ordinances and road management policies as well as enhance non-regulatory actions with organizations and individuals to encourage sediment waste discharge control, watershed restoration, and protection activities.

The strategy for implementing the intrastate and interstate water quality objectives for temperature in the North Coast Region is set forth in the Policy Statement for Implementation of the Water Quality Objective for Temperature in the North Coast Region. The Regional Water Board shall address sources of elevated water temperature region-wide but on a case-by-case basis in the context of a given permit or other action as appropriate and necessary to reduce impairments and prevent further impairment. The water quality objectives for temperature shall be implemented through a combination of riparian management and other temperature controls as appropriate in nonpoint source control programs; permits and waivers, grants and loans, and enforcement actions; support of restoration projects; and coordination with other agencies with jurisdiction over controllable factors that influence water temperature. Controllable water quality factors affecting water temperature include, but are not limited to, any anthropogenic activity which results in the removal of riparian vegetation that provides shade to a waterbody, sediment discharges, impoundments and other channel alterations, the reduction of instream summer flows, and the reduction of cold water sources.

Individual stream and wetland systems are part of complete aquatic ecosystems through interaction of surface and subsurface hydrologic connections, healthy systems perform functions that protect and enhance watershed-wide water quality. In addition, surface waters provide habitat that supports a variety of plant and animal life for rare and endemic species. Riparian areas between streams and wetlands and their adjoining environments play critical roles in protecting and enhancing water quality. The removal of vegetation that provides shade to a waterbody is a controllable water quality factor. An important tool for reducing and avoiding impacts to surface waters is the implementation of a buffer area of native and riparian vegetation between any construction activities or structures and surface waters.

We strongly encourage Humboldt County, and/or any local regulatory body responsible for developing and/or implementing land use ordinances associated with cannabis cultivation to include provisions to identify, assess, and mitigate cumulative adverse environmental impacts associated with existing cultivation activities and to ensure that ongoing and/or future cultivation activities do not exceed watershed carrying capacities or create or exacerbate cumulative adverse impacts in combination with other past, present, and foreseeable future land and water uses.

Without a comprehensive strategy to prevent and minimize new sources and control of existing sources, sediment and temperature-related cumulative impacts will continue to worsen. To be adequate, the Project needs to consider entire properties for potential control measures to avoid and minimize impacts associated with sediment and temperature.

Shared Use Roads

Shared use roads are among the most significant sources of chronic sediment discharges to surface waters across populated rural landscapes. These roads were often built initially for timber harvesting activities and are not located or built in accordance with contemporary standards or uses. It is important to ensure adequate maintenance and retrofitting of these roads to control and prevent both chronic and episodic sediment delivery to streams, especially at crossings and unstable features. Road associations, whether they are legal organizations or based on informal agreements, are critical to ensure that adequate and equitable resources are invested in shared road systems. Private roads that cross multiple parcels are the responsibility of the landowners.

The EIR project needs to identify that existing shared use road systems are sources of sediment to surface waters, can be worsened by increased usage and timing of usage associated with access to individual parcels used for cannabis and associated activities. Mitigations could include the requirement for a road association and sediment control plan for the roads, including off-property private and county road networks.

The recent winter demonstrated that the county road network is among the larger contributors of sediment to the stream network in Humboldt County waterbodies. Presently, it appears that the Humboldt County roads department does not have adequate funding to upgrade and maintain its road network in a manner that is protective of water quality.

The EIR needs to define a clear strategy to address sediment discharges from private, shared-use roads and the county road network on a timeframe and at locations that are in-sync with cannabis permitting. Such a strategy needs to follow the sequential process of avoid/minimize for new sources, and inventory/prioritize/treat/monitor for existing sources.

Enforcement

Timely and consistent enforcement is critical to the success of a regulatory program. A good enforcement program relies on well-developed compliance monitoring systems designed to identify and correct violations, help establish an enforcement presence, collect evidence needed to support enforcement actions where there are identified violations, and help target and rank enforcement priorities. Compliance assistance is necessary, especially in a new regulatory program. There is a point, however, at which this cooperative

approach should make way for a more forceful approach. Without a strong enforcement program to back up the compliance assistance, the entire regulatory framework would be in jeopardy. Enforcement is a critical ingredient in creating the deterrence needed to encourage the regulated community to anticipate, identify, and correct violations. Appropriate penalties and other consequences for violations offer some assurance of equity between those who choose to comply with requirements and those who violate them. It also improves public confidence when government is ready, willing, and able to back up its requirements with action.

Without adequate enforcement, there is no guarantee the program will be effective. The EIR needs to address the level of enforcement necessary to ensure that the participants are in compliance, and that those not participating are brought into compliance.

Cumulative Impacts to Hydrology and Groundwater

Due to cumulative impacts to surface water flows associated with summertime diversions and other stream impacts, requirements are in-place for developing off-stream storage and forbearance strategies. While these moves support a more sustainable surface water usage strategy, the requirements have resulted in significant increases in the installation of both permitted and unpermitted wells.

The Regional Water Board has received significant complaints from neighbors concerned with groundwater draw-down associated with increased groundwater extraction for large-scale cannabis cultivation. Presently, there are no state-requirements on groundwater use that could ensure that adjacent water supplies are protected or even monitored.

If the Project allows groundwater sources to be used to support cannabis cultivation, processing, or manufacturing and associated activities, then impacts to groundwater levels need to be identified and mitigated. This will require a robust monitoring and reporting program, similar to that of surface water, timely identification of potential impacts, and adaptive management to improve the strategy.

Watershed Coordination

In addition to regulatory tools, non-regulatory watershed coordination can contribute to improved watershed stewardship. We recommend that Humboldt County build capacity for watershed groups and road associations to monitor and report watershed conditions and coordinate on a watershed scale, and provide technical assistance and organizational models to assist citizens to coordinate effectively on shared resource protection issues, including but not limited to road maintenance, water diversions, and habitat protection and enhancement. This will also promote opportunities for grant funding to assist in water resource protection.

Regional Water Board contacts

Regional Water Board staff would be pleased to work with Humboldt County in the development of the Project. Through a combination of effective regulation and strong partnerships, we can achieve healthy watersheds in Humboldt County and the north coast. We appreciate the opportunity to provide these comments and look forward to ongoing coordination. Staff continues to be available to work on these issues. Questions or comments can be addressed to Adona White at 707-576-2672 and Adona.White@waterboards.ca.gov or myself at 707-576-2682 and Kason.Grady@waterboards.ca.gov.

Sincerely,

Kason Grady
Senior Water Resource Control Engineer
Cannabis Regulatory Program
North Coast Regional Water Quality Control Board



Northern Humboldt Union High School District

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May 18, 2017



Steven Lazar
Humboldt County Planning & Building Department
3015 H Street
Eureka, CA 95501

Project Title: Amendments to Humboldt County Code Regulating Commercial Cannabis Activities

Dear Mr. Lazar,

I spoke at your Scoping meeting on May 12, 2017 about the affects of regulating commercial cannabis activities in Humboldt County. The meeting was held at Humboldt County Office of Education yet no one from the education community was notified of the meeting. I spoke with HCOE Superintendent, Dr. Chris Hartley and he was not aware of the meeting either. I happened to hear about the meeting second hand.

My comments at the May 12 meeting were: the EIR and regulations must keep the commercial cannabis activities away from our schools and school bus stops. We must keep our children's safety and should keep it the highest priority. Children first.

My additional request is that school districts receive communication regarding any legal cannabis growing, extracting, etc in our local school district area. We currently receive communications regarding building construction, housing, but not legal commercial grow. This does not feel right. The education, K-12, community are all talking about no communication flowing from the County of Humboldt regarding commercial cannabis activities.

As part of the EIR, children and young adults should be the first groups protected when we use the permitting process as well as the EIR. Lastly, if these requests are not a part of the current regulations, like policies, update them to ensure the safety of our children comes first.

If you have any questions regarding this communication , please let me know.

Sincerely,

A handwritten signature in blue ink that reads "Kenny Richards".

KENNY RICHARDS, Ed.D.
Interim Superintendent

From: Dempsey, Shannon@Parks [Shannon.Dempsey@parks.ca.gov]
Sent: Tuesday, May 9, 2017 2:44 PM
To: state.clearinghouse@opr.ca.gov; Lazar, Steve
Cc: NSC, CEQA@Parks; Bjelajac, Victor@Parks
Subject: NOP State Agency Comments for SCH#2017042022
Attachments: SCH2017042022_CSP_NOP_CommentLetter.pdf

Good afternoon,

The Department of Parks and Recreation would like to submit the attached comments for the NOP for Amendments to Humboldt County Code Regulating Commercial Cannabis Activities draft EIR, SCH # 2017042022. County of Humboldt is the lead agency.

Respectfully,

Shannon Dempsey
North Coast Redwoods District
California State Parks
Office 707.445.5344
Mobile 707.498.8478



DEPARTMENT OF PARKS AND RECREATION
PO Box 2006
Eureka, CA 95502-2006

Lisa Ann L. Mangat, Director

May 9, 2017

Steve Lazar
Humboldt County
3015 H Street
Eureka, CA 95501

Subject: Notice of Preparation (NOP) for the Amendments to Humboldt County Code Regulating Commercial Cannabis Activities draft Environmental Impact Report (EIR), **SCH # 2017042022**

Dear Mr. Lazar,

Thank you for the opportunity to review this NOP and provide suggestions on the content of the forthcoming EIR (SCH # 2017042022) that will propose amendments to Humboldt County Code regulating commercial cannabis activities, simply referred to herein as the Project.

California State Park's North Coast Redwoods District (NCRD) is responsible for the management of 76,700 acres of land within the boundaries of Humboldt County that include 15 of the District's 23 park units. Among them are Prairie Creek Redwoods State Park, a designated World Heritage Site and International Biosphere Preserve, and Humboldt Redwoods State Park, home to the largest contiguous old growth coast redwood forest in the world. When reviewing projects that may affect state park resources we base our review on the Department's Mission Statement, which states:

"The mission of the California Department of Parks and Recreation is to provide for the health, inspiration, and education of the people of California by helping to preserve the state's extraordinary biological diversity, protecting its most valued natural and cultural resources, and creating opportunities for high-quality outdoor recreation."

The main concern for NCRD regarding the proposed amendment changes will be the proximity of permitted cannabis activities to park boundaries because of possible impacts on resources and management activities. Impacts from the Project may include impaired aesthetics and biological resources, degraded water quality and quantity, exotic invasive species introduction, slope instability, erosion and sediment transport, and demand on fuel and/or hazard tree management.

To reduce some of these potential impacts, NCRD would like to recommend inclusion of a Special Treatment Area (STA), similar to those required for Timber Harvest Plans under the Forest Practice Rules, where additional protection measures may be warranted for permitted activities at locations adjacent to state park boundaries. A minimum buffer distance of 200 feet, up to 300 feet where old growth is present, where vegetation clearance is prohibited or reduced could mitigate several possible impacts

including aesthetics, wind thrown trees, and affects to the microclimate of the park. Similarly, no structures should be permitted within 300 feet of a park boundary to eliminate the threat from hazard trees in the park that could fall on infrastructure of an adjacent parcel. If a fire fuel management zone is needed, it should be considered outside the STA buffer. The STA should also prohibit the use of pesticides, rodenticides, and fertilizers within 100 feet of park boundaries. Presumably, there would be similar restrictions elsewhere to protect water quality by prohibiting the use of these chemicals near streams and waterways. NCRD would also like to recommend conditions placed on soil quality and amendment application rates within a STA to reduce the potential to import exotic invasive species and help preserve water quality.

The NOP states that new cultivation or expansion of existing cultivation sites will be permitted to locations meeting specific criteria including among them having natural slopes at 15 percent or less. NCRD agrees in most cases a gentle slope will reduce the risk of erosion and sediment transport, however it is possible that a gentle slope could be the surface unit of a landslide, which could be exacerbated by the conversion of cover type. In addition to the 15 percent or less slope criteria, qualified professionals should evaluate cultivation sites pending permit to identify and characterize possible landslides and determine if conversion is appropriate. This process would reduce the negative impacts from slope failure within watersheds adjacent to and/or upstream from park units.

The NOP also states that Ordinance Nos. 2544 and 2559 prohibit new or expanded cannabis cultivation on lands zoned timberland (TPZ) and limits permits to the area of existing cultivation as of January 1, 2016. If an existing cultivation site zoned TPZ has already been converted, NCRD suggests a process for retrospective review of the environmental conditions prior to issuance of a grandfathered permit. If there are existing impacts from past or ongoing cannabis cultivation sites, adjacent park resources should be considered in consultation with NCRD before issuing such a permit.

We appreciate the opportunity to provide recommendations on the Project prior to and/or during your preparation of an EIR. NCRD is dedicated to working with Humboldt County and other Responsible agencies throughout the environmental review process to ensure the protection of our extraordinary public resources. Please contact the District Environmental Coordinator, Shannon Dempsey, at 707-445-5344, if you have any questions.

Sincerely,



Victor Bjelajac
District Superintendent
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From: Adam [adam@wiyot.us]
Sent: Wednesday, April 19, 2017 11:46 AM
To: Ford, John; Lazar, Steve; Werner, Steve
Cc: 'Tom'; 'Janet Eidsness'; 'tim nelson'; alr51@humboldt.edu; 'Erika Cooper'
Subject: Wiyot Terr. cannabis applicant GIS layer and ethnobotany
Attachments: Copy of NaturalCommunitiesList_Hierarchy_Sept_2010.xls;
Calif_Oak_Woodlands_ProtectionAct.pdf

Hi Steve and others,

This is Adam Canter, GIS person/botanist/ethnobotanist for the Wiyot Tribe. Thank you for coming to meet with the tribes last Fri. We spoke briefly about you getting us the cannabis permit applicant GIS layer for Wiyot ancestral Terr. and I wanted to follow up on that so we can assess relevant potential impacts and comment.

We also brought up the need to assess impacts to ethnobotanical resources (a type of TCR), particularly those that overlap as listed Natural Communities (CDFW) with ranks S3 or lower, which also must be acknowledged in list 4B of CEQA. For your interest I have attached an excel copy of the CDFW list which has types relevant to the Wiyot Tribe listed as separate tabs for both the Table Bluff area as well as the general ones found in dune, wetland, and maritime areas around Humboldt Bay. I will be drafting up a list for the regional Tribes as per requested at the inter-tribal cannabis impacts meeting on 4/14. I would be happy to discuss some of the more relevant habitat types and or provide some guidance to permiters and consultants if you think this should be passed on from your level, or perhaps this should just be addressed on a case by case basis as the responsibility of the individual tribes, let me know your thoughts.

One concern that I have gotten from a few consultant friends of mine is that white oak, tanoak, and possibly hazel stands are being over-looked by consultants. The example can play out when Douglas fir areas are zoned off as "Timber" areas and oak clearing is then in turn slated as acceptable to further develop cultivation areas (say for a remediation grow transfer). It would be a shame to see un-intentional impacts to our already struggling California oak woodlands from situations where on paper it appears that impacts to special status vegetation types have been addressed. We also have the recent AB 2162 Oak Woodland Conservation Act, which has mandated some additional protections to oak woodlands which need to be addressed during the permitting process.

In many situations, relevant botanical communities are relics of past indigenous land management. I have been speaking with other tribal THPOs regarding the significance that particular vegetation types may bring to classical archaeological sites and the implied protections of such sites under AB 52.

I would be happy to discuss these topics further at your request. Thank you for your time and consideration, Adam

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ASSEMBLY BILL

No. 2162

Introduced by Assembly Member Chu

February 17, 2016

An act to add Chapter 6.3 (commencing with Section 1625) to Division 2 of the Fish and Game Code, and to repeal Section 21083.4 of the Public Resources Code, relating to forestry, and making an appropriation therefor.

LEGISLATIVE COUNSEL'S DIGEST

AB 2162, as introduced, Chu. Oak Woodlands Protection Act.

The Z'berg-Nejedly Forest Practice Act of 1973 prohibits a person from conducting timber operations unless a timber harvesting plan prepared by a registered professional forester has been submitted to the Department of Forestry and Fire Protection. The Oak Woodlands Conservation Act provides funding for the conservation and protection of California's oak woodlands. Any violation of the Fish and Game Code is a crime.

This bill would enact the Oak Woodlands Protection Act, which would prohibit a person from removing from an oak woodland, as defined, specified oak trees, unless an oak removal plan and oak removal permit application for the oak tree removal has been submitted to and approved by the Director of Fish and Wildlife.

By June, 30, 2016, the bill would require the Fish and Game Commission to adopt regulations to implement the act, including regulations establishing an oak removal permit application fee. The bill would require the fee to be deposited into the Oak Woodlands Protection Act Fund, as created by the bill. Moneys in the fund would be continuously appropriated to the department for purposes of paying the

total costs incurred by the department in administering and enforcing the act, thereby making an appropriation.

The bill would provide that any person who violates the act is subject to a civil penalty of not more than \$25,000 for each violation. The bill would require all civil penalties collected to be apportioned in a specified manner, including 50% to be distributed to the Wildlife Conservation Board for deposit into the Oak Woodlands Conservation Fund.

Existing law requires a county to determine whether a project may result in a conversion of oak woodlands that will have a significant effect on the environment, and if it does, existing law requires the county to require one or more specified oak woodlands mitigation alternatives to mitigate the significant effect.

This bill would delete this law.

To the extent this bill would provide for additional criminal prosecutions for violations of the Fish and Game Code, the bill would impose a state-mandated local program.

The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement.

This bill would provide that no reimbursement is required by this act for a specified reason.

Vote: majority. Appropriation: yes. Fiscal committee: yes. State-mandated local program: yes.

The people of the State of California do enact as follows:

1 SECTION 1. Chapter 6.3 (commencing with Section 1625) is
2 added to Division 2 of the Fish and Game Code, to read:

3
4 CHAPTER 6.3. OAK WOODLANDS PROTECTION ACT

5
6 1625. This chapter shall be known, and may be cited, as the
7 Oak Woodlands Protection Act.

8 1626. The Legislature hereby finds and declares all of the
9 following:

10 (a) The conservation of oak woodlands enhances the natural
11 scenic beauty for residents and visitors, increases real property
12 values, promotes ecological balance, provides sustainable habitat
13 for over 300 wildlife species and 2,000 plant species, reduces soil
14 erosion, sustains healthy watersheds and water quality, moderates

1 temperature extremes and climate change, and aids with nutrient
2 cycling, all of which affect and improve the health, safety, and
3 general welfare of the residents of the State of California.

4 (b) Widespread changes in land use patterns across the landscape
5 and habitat loss due to the pathogen *Phytophthora ramorum*,
6 commonly known as Sudden Oak Death, and infestations of the
7 Goldspotted Oak Borer parasite, are fragmenting oak woodlands'
8 wildland character over extensive areas of the state. The
9 combination of human impact and other impacts will cumulatively
10 fragment oak ecosystem continuity unless appropriate conservation
11 steps are taken immediately.

12 (c) The future viability of hundreds of California's wildlife
13 species are dependent on the maintenance of biologically functional
14 and contiguous oak woodland ecosystems at local and bioregional
15 scales.

16 (d) A program to encourage and make possible the long-term
17 conservation of oak woodlands is a necessary part of the state's
18 wildlands protection policies. It is hereby declared to be the policy
19 of the state to conserve oak woodlands and maintain oak ecosystem
20 health.

21 1627. It is the intent of the Legislature that this chapter be
22 construed in light of the following primary objectives:

23 (a) To conserve oak woodland ecological attributes remaining
24 in California and to provide habitat for wildlife species that are
25 associated with that habitat.

26 (b) To provide maximum conservation of the oak woodlands
27 ecosystem.

28 (c) To ensure that land use decisions affecting oak woodlands
29 and dependent wildlife are based on the best available scientific
30 information and habitat mitigation measures.

31 (d) To restore and perpetuate the state's most biologically
32 diverse natural resource for future generations of Californians.

33 1628. For purposes of this chapter, the following terms have
34 the following meanings:

35 (a) "Canopy cover" means the area, measured as a percentage
36 of total ground area, directly under the live branches of an oak
37 tree.

38 (b) "Oak removal" means causing an oak tree to die or be
39 removed as a result of human activity by any means including, but

1 not limited to, cutting, dislodging, poisoning, burning, pruning,
2 topping, or damaging of roots.

3 (c) "Oak removal permit" means a discretionary permit
4 approving an application to remove, from an oak woodland during
5 any calendar year, oak trees, as specified in Section 1629.

6 (d) "Oak removal plan" means an oak woodlands biological
7 impacts evaluation and site-specific management plan.

8 (e) "Oak tree" means any tree in the genus Quercus that is not
9 growing on timberland.

10 (f) "Oak woodland" means a land with a greater than ten percent
11 oak canopy cover, or that can be demonstrated to have historically
12 supported greater than ten percent oak canopy cover, and that
13 meets either of the following:

14 (1) A nontimberland area on a parcel of five or more acres
15 containing oak trees.

16 (2) A nontimberland area on a parcel of at least one or more
17 acres containing valley oak trees.

18 (g) "Parcel" means a single assessor's parcel of land as shown
19 on maps produced by the county assessor.

20 (h) "Riparian hardwood" means native broadleaved evergreen
21 and deciduous trees that produce flowers and grow within 50 feet,
22 measured horizontally, of any watercourse, lake, or reservoir.

23 (i) "Timberland" has the same meaning as defined in Section
24 4526 of the Public Resources Code.

25 (j) "Watercourse" means any well-defined channel with
26 distinguishable bed and bank showing evidence of having contained
27 flowing water indicated by deposit of rock, sand, gravel, or soil,
28 including, but not limited to, a "stream" as defined in Section 4528
29 of the Public Resources Code.

30 1629. (a) (1) Unless an oak removal plan and oak removal
31 permit application for oak removal has been submitted to and
32 approved by the director, a person shall not remove from an oak
33 woodland during a calendar year either of the following:

34 (A) A valley oak tree greater or equal to 10 inches in diameter
35 at breast height.

36 (B) For oak trees other than valley oak trees, 10 or more oak
37 trees greater than or equal to 10 inches in diameter at breast height.

38 (2) The director's authority to approve an oak removal plan and
39 oak removal permit application pursuant to this subdivision may
40 be delegated by the director to regional managers in the department.

1 (b) An oak removal plan and oak removal permit application
2 shall be prepared and signed by a registered professional forester.

3 (c) Applications for oak removal permits shall be on a form
4 prescribed by the director.

5 (d) By June 30, 2016, the commission shall adopt regulations
6 to implement this chapter, including regulations establishing an
7 application fee for the cost of processing an application for an oak
8 removal permit. The fee charged shall be established in an amount
9 necessary to pay the total costs incurred by the department in
10 administering and enforcing this chapter. The regulations shall
11 ensure that the canopy cover and mapping information contained
12 in all oak removal plans submitted as part of an oak removal permit
13 application is incorporated into a vegetation classification and
14 mapping program maintained by the department.

15 (e) The fee established pursuant to this section shall be deposited
16 into the Oak Woodlands Protection Act Fund, which is hereby
17 created in the State Treasury. Notwithstanding Section 13340 of
18 the Government Code, moneys in the fund are continuously
19 appropriated to the department for the purposes described in
20 subdivision (d).

21 1630. An oak removal plan, in a form prescribed by the
22 commission, shall become part of the application for an oak
23 removal permit. The oak removal plan shall set forth, but not be
24 limited to, the following information:

25 (a) Present and future parcel use.

26 (b) Existing and proposed parcel canopy cover percentages.

27 (c) A parcel map indicating the location of all proposed oak
28 removal.

29 (d) Diameter at breast height and type of oak species to be
30 removed.

31 (e) Number of acres on which oak removal will occur.

32 (f) Habitat mitigation measures.

33 (g) Information required pursuant to Section 21160 of the Public
34 Resources Code.

35 1631. (a) The director's decision to approve an oak removal
36 permit pursuant to this chapter is a discretionary project approval
37 subject to the California Environmental Quality Act (Division 13
38 (commencing with Section 21000) of the Public Resources Code).

1 (b) The director or commission may apply to the Secretary of
2 the Natural Resources Agency to certify this program pursuant to
3 Section 21080.5 of the Public Resources Code.

4 1632. (a) The director shall not approve an oak removal permit
5 if any of the following exist:

6 (1) The application and oak removal plan do not comply with
7 this chapter or the regulations adopted by the commission to
8 implement this chapter.

9 (2) The director cannot make the findings specified in Section
10 21081 of the Public Resources Code.

11 (3) Oak tree removal contemplated in the permit would remove
12 more than 10 percent of the oak canopy cover that existed on
13 January 1, 2015.

14 (4) Oak or riparian hardwood trees would be removed within
15 50 feet of any watercourse, lake, or reservoir.

16 (5) There is evidence that the information contained in the
17 application or oak removal plan is, in a material way, either
18 incorrect, incomplete, or misleading, or is insufficient to evaluate
19 the plan's environmental effects.

20 (6) The applicant does not have a legal or equitable interest in
21 the property subject to the application.

22 (7) Implementation of the oak removal plan as proposed would
23 cause a violation of any applicable law.

24 (b) Paragraphs (3) and (4) of subdivision (a) do not apply to the
25 removal of dead trees or the removal of oak trees to create legally
26 required fire breaks, fuel breaks, and rights-of-way.

27 1633. (a) The applicant may appeal the director's denial of an
28 oak removal permit to the commission by filing a notice of appeal
29 with the department within 15 days after notice of the denial. The
30 commission shall hear the appeal within 60 days after the appeal
31 is filed unless a later hearing date is mutually agreed upon by the
32 applicant and the commission.

33 (b) An applicant whose application for an oak removal permit
34 has been denied is entitled to a hearing before the commission
35 conducted pursuant to Chapter 5 (commencing with Section 11500)
36 of Part 1 of Division 3 of Title 2 of the Government Code. The
37 commission shall hear and decide appeals de novo.

38 1634. (a) A person may maintain an action for declaratory and
39 equitable relief to restrain any violation of this chapter. On a prima

1 facie showing of a violation of this chapter, preliminary equitable
2 relief shall be issued to restrain any further violation of this chapter.

3 (b) Oak removal permits approved pursuant to this chapter are
4 construction projects as that term is used in Section 529.1 of the
5 Code of Civil Procedure. In any civil action brought pursuant to
6 this chapter in which a temporary restraining order, preliminary
7 injunction, or permanent injunction is sought, it is not necessary
8 to allege or prove at any stage of the proceeding either of the
9 following:

10 (1) That irreparable damage will occur if the temporary
11 restraining order, preliminary injunction, or permanent injunction
12 is not issued.

13 (2) The remedy at law is inadequate.

14 1635. The permittee shall cause an approved oak removal
15 permit to be recorded in each county in which the property is
16 located before beginning any operations contemplated under the
17 permit.

18 1636. (a) A person who violates this chapter is subject to a
19 civil penalty of not more than twenty-five thousand dollars
20 (\$25,000) for each violation.

21 (b) The civil penalty imposed for each violation pursuant to this
22 section is separate from, and in addition to, any other civil penalty
23 imposed for a violation pursuant to this section or any other
24 provision of law.

25 (c) In determining the amount of any civil penalty imposed
26 pursuant to this section, the court shall take into consideration the
27 nature, circumstance, extent, and gravity of the violation. In making
28 this determination, the court may consider whether the effects of
29 the violation may be reversed or mitigated, and with respect to the
30 defendant, the ability to pay, any voluntary mitigation efforts
31 undertaken, any prior history of violations, the gravity of the
32 behavior, the economic benefit, if any, resulting from the violation,
33 and any other matters the court determines justice may require.

34 (d) Every civil action brought under this section shall be brought
35 by the Attorney General upon complaint by the department, or by
36 the district attorney or city attorney in the name of the people of
37 the State of California and any actions relating to the same violation
38 may be joined or consolidated.

1 (e) All civil penalties collected pursuant to this section shall not
2 be considered fines or forfeitures as described in Section 13003
3 and shall be apportioned in the following manner:

4 (1) Fifty percent shall be distributed to the county treasurer of
5 the county in which the action is prosecuted. Amounts paid to the
6 county treasurer shall be deposited in the county fish and wildlife
7 propagation fund established pursuant to Section 13100.

8 (2) Fifty percent shall be distributed to the Wildlife Conservation
9 Board for deposit in the Oak Woodlands Conservation Fund created
10 by Section 1363. These funds may be expended to cover the costs
11 of any legal actions or for any other law enforcement purpose
12 consistent with Section 9 of Article XVI of the California
13 Constitution.

14 SEC. 2. Section 21083.4 of the Public Resources Code is
15 repealed.

16 ~~21083.4. (a) For purposes of this section, "oak" means a native
17 tree species in the genus Quercus, not designated as Group A or
18 Group B commercial species pursuant to regulations adopted by
19 the State Board of Forestry and Fire Protection pursuant to Section
20 4526, and that is 5 inches or more in diameter at breast height.~~

21 ~~(b) As part of the determination made pursuant to Section
22 21080.1, a county shall determine whether a project within its
23 jurisdiction may result in a conversion of oak woodlands that will
24 have a significant effect on the environment. If a county determines
25 that there may be a significant effect to oak woodlands, the county
26 shall require one or more of the following oak woodlands
27 mitigation alternatives to mitigate the significant effect of the
28 conversion of oak woodlands:~~

29 ~~(1) Conserve oak woodlands, through the use of conservation
30 easements.~~

31 ~~(2) (A) Plant an appropriate number of trees, including
32 maintaining plantings and replacing dead or diseased trees.~~

33 ~~(B) The requirement to maintain trees pursuant to this paragraph
34 terminates seven years after the trees are planted.~~

35 ~~(C) Mitigation pursuant to this paragraph shall not fulfill more
36 than one-half of the mitigation requirement for the project.~~

37 ~~(D) The requirements imposed pursuant to this paragraph also
38 may be used to restore former oak woodlands.~~

39 ~~(3) Contribute funds to the Oak Woodlands Conservation Fund,
40 as established under subdivision (a) of Section 1363 of the Fish~~

1 and Game Code, for the purpose of purchasing oak woodlands
2 conservation easements, as specified under paragraph (1) of
3 subdivision (d) of that section and the guidelines and criteria of
4 the Wildlife Conservation Board. A project applicant that
5 contributes funds under this paragraph shall not receive a grant
6 from the Oak Woodlands Conservation Fund as part of the
7 mitigation for the project.

8 (4) Other mitigation measures developed by the county.

9 (e) Notwithstanding subdivision (d) of Section 1363 of the Fish
10 and Game Code, a county may use a grant awarded pursuant to
11 the Oak Woodlands Conservation Act (Article 3.5 (commencing
12 with Section 1360) of Chapter 4 of Division 2 of the Fish and
13 Game Code) to prepare an oak conservation element for a general
14 plan, an oak protection ordinance, or an oak woodlands
15 management plan, or amendments thereto, that meets the
16 requirements of this section.

17 (d) The following are exempt from this section:

18 (1) Projects undertaken pursuant to an approved Natural
19 Community Conservation Plan or approved subarea plan within
20 an approved Natural Community Conservation Plan that includes
21 oaks as a covered species or that conserves oak habitat through
22 natural community conservation preserve designation and
23 implementation and mitigation measures that are consistent with
24 this section.

25 (2) Affordable housing projects for lower income households,
26 as defined pursuant to Section 50079.5 of the Health and Safety
27 Code, that are located within an urbanized area, or within a sphere
28 of influence as defined pursuant to Section 56076 of the
29 Government Code.

30 (3) Conversion of oak woodlands on agricultural land that
31 includes land that is used to produce or process plant and animal
32 products for commercial purposes.

33 (4) Projects undertaken pursuant to Section 21080.5 of the Public
34 Resources Code.

35 (e) (1) A lead agency that adopts, and a project that
36 incorporates, one or more of the measures specified in this section
37 to mitigate the significant effects to oaks and oak woodlands shall
38 be deemed to be in compliance with this division only as it applies
39 to effects on oaks and oak woodlands.

1 ~~(2) The Legislature does not intend this section to modify~~
2 ~~requirements of this division, other than with regard to effects on~~
3 ~~oaks and oak woodlands.~~

4 ~~(f) This section does not preclude the application of Section~~
5 ~~21081 to a project.~~

6 ~~(g) This section, and the regulations adopted pursuant to this~~
7 ~~section, shall not be construed as a limitation on the power of a~~
8 ~~public agency to comply with this division or any other provision~~
9 ~~of law.~~

10 SEC. 3. No reimbursement is required by this act pursuant to
11 Section 6 of Article XIII B of the California Constitution because
12 the only costs that may be incurred by a local agency or school
13 district will be incurred because this act creates a new crime or
14 infraction, eliminates a crime or infraction, or changes the penalty
15 for a crime or infraction, within the meaning of Section 17556 of
16 the Government Code, or changes the definition of a crime within
17 the meaning of Section 6 of Article XIII B of the California
18 Constitution.

Reco dOrde	Level 1 - Formation Class	Level 2 - Formation Subclass	Level 3 -Formation	Level 4 - Division	Macrogroup	Scientific Name	Common Name	Global and State Rank	CaCode	Classification Level	Initial Reference	Other Reference
1	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Mixed North Slope Forest		G4 S4				
2	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Mixed North Slope Cismontane		G3 S3.2				
1	Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.1. Warm Temperate Forest	1.C.1.c. Madrean Forest and Woodland	MG009. California Forest and Woodland	<i>Aesculus californica</i> (California buckeye groves) Alliance	California buckeye groves	G3 S3	75.100.00 Alliance		Keeler-Wolf et al. 2003b	Evens and Kentner 2006, Klein et al. 2007
4	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Aesculus californica</i>			75.100.03 Association		Klein et al. 2007	
5	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica / Diplacus aurantiacus</i>			75.100.02 Association		Evens and Kentner 2006	Griffin 1977, Griffin and Critchfield 1972,
6	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica / Holodiscus discolor</i>			75.100.06 Association		Evens and Kentner 2006	Griffin 1977, Griffin and Critchfield 1972,
7	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>glomerata</i>			75.100.04 Association		Keeler-Wolf et al. 2003b	
8	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>albifrons</i>			75.100.05 Association		Keeler-Wolf et al. 2003b	
9	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Toxicodendron diversilobum / moss</i>			75.100.01 Association		Evens et al. 2004	Klein et al. 2007, NatureServe 2007b
10	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Juglans californica</i> (California California Walnut Woodland	California	G3 S3	72.100.00 Alliance		Keeler-Wolf and Evens 2006	Barbour 1988, Bowler 1989, Esser 1993c,
11	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Walnut Forest		G2 S2.1				
12	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>agrifolia</i>		G1 S1.1				
13	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>herbaceous</i>			72.100.08 Association		Keeler-Wolf and Evens 2006	Keeley 1990a, Mullally 1992, 1993, Quinn
14	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica / Leymus condensatus</i>			72.100.03 Association		Keeler-Wolf and Evens 2006	Keeley 1990 a, Mullally 1992, 1993,
15	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>spinosus</i>			72.100.04 Association		Keeler-Wolf and Evens 2006	Keeley 1990a, Mullally 1992, 1993, Quinn
16	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>arbutifolia</i>			72.100.05 Association		Keeler-Wolf and Evens 2006	Keeley 1990a, Mullally 1992, 1993, Quinn
17	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>laurina</i>			72.100.06 Association		Keeler-Wolf and Evens 2006	Keeley 1990a, Mullally 1992, 1993, Quinn
18	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Lyonothamnus floribundus</i> (Catalina Island Ironwood Forest	Catalina	G2 S2	77.000.00 Special Stands		Griffin and Critchfield 1972	Bushakra et al. 1999, Junak 1987, Junak
19	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus agrifolia</i> (Coast live oak woodland) Alliance	Coast live oak woodland	G2 S2.1 G3 S4				Evens and San. 2004, Keeler-Wolf and Evens 2006
20	Mesomorphic Tree Vegetation Forest	1.C. Temperate Forest	1.C.1. Warm Temperate Forest	1.C.1.c. Madrean Forest and Woodland	MG009. California Forest and Woodland	Coast Live Oak Woodland		G4 S4	71.060.00 Alliance		Keeler-Wolf et al. 2003a	
21	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Coast Live Oak Forest		G4 S4				
22	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Central Coast Live Oak Riparian		G3 S3.2				
23	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Southern Coast Live Oak Riparian		G4 S4				
24	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus agrifolia</i>			71.060.02 Association		Cooper 1922	Allen et al. 1989, 1992, Dagit 2002,
25	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>macrophyllum / Frangula californica -</i>			71.060.03 Association		Allen et al. 1989	Allen et al. 1991, Barbour 1988, Barry
26	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica</i>			71.060.52 Association		NatureServe 2007b	
27	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>menziesii</i>			71.060.40 Association		Allen et al. 1989	Allen et al. 1991, Barbour 1988, Barry
28	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>menziesii - Toxicodendron</i>			71.060.41 Association		Allen et al. 1989	Allen et al. 1991, Barbour 1988, Barry
29	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>menziesii - Umbellularia californica</i>			71.060.26 Association		Keeler-Wolf et al. 2003a	Evens and Kentner 2006
30	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>menziesii / Corylus cornuta - Rubus</i>			71.060.10 Association		Allen et al. 1989	Allen et al. 1991, Barbour 1988, Barry
31	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica</i>			71.060.27 Association		Keeler-Wolf and Evens 2006	
32	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus agrifolia - Pinus coulteri</i>			71.060.23 Association		Keeler-Wolf et al. 1998b	
33	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>racemosa - Salix laevigata</i>			71.060.43 Association		Klein and Evens	Koenig et al. 1994, 1996, 1999, Koenig
34	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>racemosa / Toxicodendron</i>			71.060.42 Association		Evens and San 2005	Klein and Evens 2005, Koenig et al.
35	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>douglasii</i>			71.060.01 Association		Allen et al. 1989	O'Neil and Egan 2004, Allen et al. 1991,
36	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>engelmannii / Eriogonum</i>			71.060.45 Association		Evens and San 2005	
37	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus agrifolia - Quercus kelloggii</i>			71.060.18 Association		Wainwright and Barbour 1984	Campbell 1980, Cooper 1922, Dagit
38	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus agrifolia - Salix lasiolepis</i>			71.060.47 Association		Keeler-Wolf and Evens 2006	Keeler-Wolf and Evens 2006
39	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica</i>			71.060.48 Association		Evens and San 2004	Keeler-Wolf and Evens 2006, O'Neil and
40	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica / Arctostaphylos glauca -</i>			71.060.51 Association		Evens and San 2004	
41	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica / Ceanothus oliganthus</i>			71.060.49 Association		Keeler-Wolf and Evens 2006	
42	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica / Heteromeles arbutifolia -</i>			71.060.05 Association		Allen et al. 1989	Allen et al. 1991, Barbour 1988, Barry
43	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica / Toxicodendron</i>			71.060.50 Association		Keeler-Wolf and Evens 2006	
44	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>fasciculatum (- Salvia mellifera)</i>			71.060.07 Association		Allen et al. 1989	Allen et al. 1991, Barbour 1988, Barry
45	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica</i>			71.060.08 Association		Allen et al. 1989	Allen et al. 1991, Barbour 1988, Barry
46	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>oliganthus</i>			71.060.16 Association		Gordon and White 1994	Griffin 1971, 1977, Griffin and
47	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>spinosus</i>			71.060.34 Association		Keeler-Wolf and Evens 2006	
48	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus agrifolia / chaparral</i>			71.060.29 Association		Klein and Evens 2005	Koenig et al. 1994, 1996, 1999, Koenig
49	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>scrub</i>			71.060.28 Association		Finch and McCleery 1980	Evens and San 2005, Faber et al. 1989,
50	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>hymale</i>			71.060.35 Association		Hickson and Keeler-Wolf	
51	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>wrightii</i>			71.060.22 Provisional Assoc		Keeler-Wolf et al. 1998b	
52	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica - Heteromeles arbutifolia</i>			71.060.06 Association		Allen et al. 1989	Allen et al. 1991, Barbour 1988, Barry
53	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica ssp. tomentella / Stachys</i>			71.060.36 Association		Evens and San 2004	
54	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus agrifolia / grass</i>			71.060.09 Association		Allen et al. 1989	Allen et al. 1991, Barbour 1988, Barry
55	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>arbutifolia</i>			71.060.14 Association		Allen et al. 1989	Allen et al. 1991, Barbour 1988, Barry
56	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>arbutifolia - Toxicodendron</i>			71.060.15 Association		Allen et al. 1989	Evens and San 2004, Allen et al. 1991,
57	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>discolor - Symphoricarpos albus</i>			71.060.11 Association		Allen et al. 1989	Allen et al. 1991, Barbour 1988, Barry
58	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>berberidifolia</i>			71.060.37 Association		Keeler-Wolf and Evens 2006	
59	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Pteridium aquilinum</i>			71.060.04 Association		Allen et al. 1989	Allen et al. 1991, Barbour 1988, Barry
60	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>leucophylla - Artemisia californica</i>			71.060.38 Association		Keeler-Wolf and Evens 2006	
61	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>albus</i>			71.060.17 Association		Keeler-Wolf 1990a	
62	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>diversilobum</i>			71.060.13 Association		Allen et al. 1989	Allen et al. 1991, Barbour 1988, Barry
63	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>diversilobum - (Corylus cornuta)</i>			71.060.25 Association		Keeler-Wolf et al. 2003a	
64	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>diversilobum / grass</i>			71.060.12 Association		Allen et al. 1989	Allen et al. 1991, Barbour 1988, Barry
65	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>diversilobum riparian</i>			71.060.39 Association		Evens and San 2005	Faber et al. 1989, Ferren 1989a, Finch
66	Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus chrysolepis</i> (Canyon live Canyon live	Canyon live	G5 S5	71.050.00 Alliance		Keeler-Wolf et al. 2003b	Klein and Evens 2005, Evens et al. 2006

69	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Canyon Live Oak Forest		G4 S4				
70	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Canyon Live Oak Ravine Forest		G3 S3.3				
71	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>chrysolepis</i> / <i>Arctostaphylos viscidula</i>			71.050.31	Association	Lee 2004	Mallory 1980, McDonald et al. 1983
72	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus chrysolepis</i>			71.050.04	Association	Meier 1979	Evens et al. 2006a, Klein and Evens
73	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>menziesii</i> - <i>Lithocarpus densiflorus</i>			71.050.01	Association	Campbell 1980	Cooper 1922, Evens and Kentner 2006,
74	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>decurrens</i>			71.050.19	Association	Keeler-Wolf et al. 2003b	Keeler-Wolf et al. 2003b
75	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>integerrimus</i>			71.050.03	Association	Gordon and White 1994	Keeler-Wolf 1988e, Keeler-Wolf et al.
76	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus chrysolepis</i> - <i>Pinus jeffreyi</i>			71.050.32	Association	Klein and Evens 2006	
77	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>lambertiana</i>			71.050.02	Association	Griffin 1976a	Borchert 1987, Borchert and Hibberd
78	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>ponderosa</i>			71.050.18	Association	Keeler-Wolf et al. 2003b	
79	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>sabiniana</i>			71.050.16	Association	Keeler-Wolf et al. 2003b	
80	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>garryana</i> var. <i>garryana</i> /			71.050.07	Association	Sawyer and Stillman 1977	
81	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>kelloggii</i> - <i>Acer macrophyllum</i>			71.050.27	Association	Klein et al. 2007	
82	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>kelloggii</i> / (<i>Toxicodendron</i>			71.050.26	Association	Mallory 1980	Klein et al. 2007, Lee 2004, McDonald et
83	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>lobata</i> / <i>Vitis californica</i>			71.050.28	Association	Klein et al. 2007	
84	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>wislizeni</i>			71.050.29	Association	Klein et al. 2007	
85	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica</i>			71.050.13	Association	Keeler-Wolf et al. 2003b	Klein et al. 2007
86	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica</i> / <i>Vitis californica</i>			71.050.30	Association	Klein et al. 2007	
87	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Arctostaphylos mewukka</i>			71.050.09	Association	Taylor and Randal 1977	
88	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Arctostaphylos patula</i>			71.050.15	Association	Keeler-Wolf et al. 2003b	Lee 2004, Mallory 1980, McDonald et al.
89	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Arctostaphylos viscidula</i>			71.050.14	Association	Keeler-Wolf et al. 2003b	Lee 2004, Mallory 1980, McDonald et al.
90	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>arguta</i>			71.050.17	Association	Keeler-Wolf et al. 2003b	
91	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>densiflorus</i> var. <i>echinoides</i>			71.050.25	Association	Lee 2004	
92	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>imbricans</i>			71.050.08	Association	Sawyer and Stillman 1977	Sawyer and Stillman 1978
93	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>ilicifolia</i>			71.050.33	Association	Evens 2000	
94	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Toxicodendron diversilobum</i>			71.050.21	Association	Mallory 1980	Lee 2004, Potter 2005, McDonald et al.
95	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus douglasii</i> (Blue oak	Blue oak	G4 S4	71.020.00	Alliance	Allen et al. 1989	Evens et al. 2004
96	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Blue Oak Woodland		G3 S3.2				
97	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica</i> / <i>Asclepias fascicularis</i>			71.020.44	Association	Evens et al. 2004	
98	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californicus</i> / grass			71.020.24	Association	Evens et al. 2004	Klein et al. 2007, Koenig and
99	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus douglasii</i> - <i>Pinus sabiniana</i>			71.020.02	Association	Allen et al. 1991	Evens et al. 2004, Keeler-Wolf et al.
100	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Digger Pine Oak Woodland		G4 S4				
101	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	/ <i>Arctostaphylos viscidula</i>			71.020.04	Association	Allen et al. 1991	Klein et al. 2007, Koenig and
102	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	/ <i>Ceanothus cuneatus</i> - <i>Cercocarpus</i>			71.020.03	Association	Allen et al. 1991	Evens et al. 2004
103	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	/ <i>Cercocarpus montanus</i>			71.020.25	Association	Griffin 1971	Evens et al. 2006, Gaman and Casey
104	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>agrifolia</i>			71.020.01	Association	Allen et al. 1991	Allen-Diaz et al. 2007, Allen-
105	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus douglasii</i> - <i>Quercus lobata</i>			71.020.11	Association	Allen et al. 1991	Klein et al. 2007, Koenig and
106	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>wislizeni</i>			71.020.06	Association	Allen et al. 1991	Klein et al. 2007, Koenig and Knops
107	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>wislizeni</i> - <i>Pinus sabiniana</i>			71.020.18	Association	Allen et al. 1991	Evens et al. 2006, Allen-Diaz et al. 2007,
108	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>wislizeni</i> / <i>Bromus</i> spp. - <i>Daucus</i>			71.020.17	Association	Keeler-Wolf et al. 2003b	Keeley 2002c
109	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>wislizeni</i> / <i>Ceanothus cuneatus</i>			71.020.07	Association	Allen et al. 1991	Allen-Diaz et al. 2007, Allen-
110	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>wislizeni</i> / <i>Lithophragma cymbalaria</i>			71.020.46	Association	Borchert vet al. 1993a	
111	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica</i> - <i>Cercocarpus montanus</i>			71.020.42	Association	Evens et al. 2006	Gaman and Casey 2002, Gemmill
112	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>lemmonii</i>			71.020.43	Association	Newton 1987a	
113	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>intermedia</i> - <i>Plagiobothrys</i>			71.020.27	Association	Borchert et al. 1993	
114	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>manzanita</i> / <i>herbaceous</i>			71.020.22	Association	Klein et al. 2007	Koenig and Knops 1997, Koenig et al.
115	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>distachyon</i>			71.020.28	Association	Evens et al. 2004	
116	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>hordeaceus</i> - <i>Lolium multiflorum</i>			71.020.30	Association	Evens et al. 2004	
117	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>hordeaceus</i> - <i>Madia gracilis</i>			71.020.29	Association	Evens et al. 2004	
118	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>hordeaceus</i> - <i>Triteleia laxa</i>			71.020.31	Association	Evens et al. 2004	
119	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Daucus pusillus</i>			71.020.16	Association	Keeler-Wolf et al. 2003b	Keeley 2002c
120	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>cuneatus</i>			71.020.12	Association	Allen et al. 1991	Allen-Diaz et al. 2007, Allen-Diaz and
121	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>montanus</i> / <i>Bowlesia incana</i> -			71.020.14	Association	Borchert et al. 1993a	Dagit 2002, DeLasaux and Pillsbury 1987
122	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>sparsiflora</i> - <i>Rigiopappus</i>			71.020.32	Association	Borchert et al. 1993	
123	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>parryi</i> - <i>Phacelia imbricata</i>			71.020.33	Association	Borchert et al. 1993	
124	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>linearifolia</i>			71.020.08	Association	Allen et al. 1991	Allen-Diaz et al. 2007, Allen-
125	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>linearifolia</i> - <i>Juniperus californica</i>			71.020.19	Association	Evens et al. 2006	Gaman and Casey 2002, Gemmill
126	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>elongatum</i> / <i>Lotus subpinnatus</i> -			71.020.34	Association	Borchert et al. 1993	
127	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>fasciculatum</i> / <i>herbaceous</i>			71.020.20	Association	Evens et al. 2006	Gaman and Casey 2002, Gemmill
128	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>moschatum</i> - <i>Hordeum leporinum</i>			71.020.35	Association	Borchert et al. 1993	
129	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>spathulata</i> - <i>Pentagramma</i>			71.020.36	Association	Borchert et al. 1993	
130	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>andrewsii</i> - <i>Lupinus concinnus</i>			71.020.37	Association	Borchert et al. 1993	
131	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus douglasii</i> / grass			71.020.05	Association	Allen et al. 1991	Evens et al. 2004, Keeler-Wolf et al.
132	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>leporinum</i> - <i>Viola pedunculata</i>			71.020.38	Association	Borchert et al. 1993	
133	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica</i>			71.020.26	Association	NatureServe 2007b	
134	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Juniper Oak Cismontane Woodland		G3 S3.2				
135	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica</i> - <i>Ceanothus cuneatus</i>			71.020.23	Association	Klein et al. 2007	
136	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica</i> - <i>Quercus john-tuckeri</i>			71.020.41	Association	Evens et al. 2006	Gaman and Casey 2002, Gemmill
137	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>subpinnatus</i> - <i>Nassella pulchra</i>			71.020.40	Association	Borchert et al. 1993	
138	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>concinnus</i> - <i>Trifolium ciliolatum</i>			71.020.39	Association	Borchert et al. 1993	
139	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	/ <i>Bromus diandrus</i>			71.020.15	Association	Borchert et al. 1993a	Dagit 2002, DeLasaux and Pillsbury 1987
140	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>hansenii</i> - <i>Navarretia pubescens</i>			71.020.21	Association	Klein et al. 2007	Koenig and Knops 1997, Koenig et al.
141	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>diversilobum</i> / grass			71.020.45	Association	Evens et al. 2004	
142	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus douglasii</i> / <i>understory oak</i>			71.020.09	Association	Allen et al. 1991	Keeler-Wolf et al. 2003b, Keeley 2002c,
143	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus engelmannii</i> (Engelmann	Engelmann	G3 S3	71.070.00	Alliance	Evens and San 2005	Klein and Evens 2005, Barbour 1988,

144	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Engelmann Oak Woodland	G2 S2.1			
145	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Open Engelmann Oak Woodland	G2 S2.2			
146	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Dense Engelmann Oak Woodland	G2 S2.1			
147	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>fasciculatum - Arctostaphylos</i>	71.070.05	Association	Evens and San 2005	Gaman and Casey 2002, Griffin 1977,
148	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>- herb</i>	71.070.06	Association	Evens and San 2005	Gaman and Casey 2002, Griffin 1977,
149	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>berberidifolia</i>	71.070.07	Association	Klein and Evens 2005	Evens and San 2005, Gaman and Casey
150	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>apiana / grass - herb</i>	71.070.08	Association	Evens and San 2005	Gaman and Casey 2002, Griffin 1977,
151	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Toxicodendron diversilobum / grass</i>	71.070.09	Association	Klein and Evens 2005	Koenig and Knops 1997, Lathrop and
152	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus kelloggii (California black</i>	G4 S4		Allen et al. 1991	Evens and San 2005, Klein et al. 2007
153	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Black Oak Forest</i>	G4 S4			
154	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Black Oak Woodland</i>	G3 S3.2			
155	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>decurrens</i>	71.010.21	Association	Keeler-Wolf et al. 2003b	Kilgore 1981, Evens
156	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus kelloggii - Pinus coulteri</i>	71.010.32	Association	Keeler-Wolf 1986d	Keeler-Wolf 1990c
157	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Arctostaphylos glandulosa</i>	71.010.33	Association	Klein and Evens 2005	
158	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Arctostaphylos pringlei</i>	71.010.34	Association	Klein and Evens 2005	
159	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus kelloggii - Pinus ponderosa</i>	71.010.26	Association	Klein et al. 2007	
160	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Westside Ponderosa Pine Forest</i>	G3 S2.1			
161	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>/ Arctostaphylos viscida</i>	71.010.27	Association	Keeler-Wolf et al. 2003b	Klein et al. 2007, Kilgore 1981, [9] Klein
162	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>/ Ceanothus integerrimus</i>	71.010.28	Association	Klein et al. 2007	
163	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Styrax officinalis - Toxicodendron</i>	71.010.35	Association	cf. Lee 2004	Klein et al. 2007, McDonald 1980a,
164	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>menziesii</i>	71.010.17	Association	Wainwright and Barbour 1984	Jimerson et al. 1996, Kauffman and
165	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>menziesii - Acer macrophyllum</i>	71.010.16	Association	Jimerson 1993	
166	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>menziesii - Umbellularia californica</i>	71.010.29	Association	Klein et al. 2007	
167	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>- pine / Holodiscus discolor</i>	71.010.02	Association	Allen et al. 1991	Allen-Diaz and Holzman 1991, Barbour
168	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>chrysolepis</i>	71.010.12	Association	Allen et al. 1991	Evens and San 2005, Gaman and Casey
169	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>chrysolepis / Toxicodendron</i>	71.010.01	Association	Allen et al. 1991	
170	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>chrysolepis / Toxicodendron</i>	71.010.23	Association	Allen et al. 1991	Allen-Diaz and Holzman 1991, Barbour
171	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>grass</i>	71.010.11	Association	Allen et al. 1991	
172	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>herb</i>	71.010.30	Association	Evens and San 2005	Gaman and Casey 2002, Garrison et al.
173	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>mewukka / Chamaebatia foliosa</i>	71.010.20	Association	Keeler-Wolf et al. 2003b	Kilgore 1981
174	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>patula</i>	71.010.06	Association	Allen et al. 1991	Allen-Diaz and Holzman 1991, Barbour
175	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>viscida</i>	71.010.24	Association	Paysen et al. 1980	cf. Lee 2004, Klein et al. 2007, McDonald
176	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>integerrimus</i>	71.010.03	Association	Allen et al. 1991	Allen and Holzman 1991, Barbour 1988,
177	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>integerrimus - Toxicodendron</i>	71.010.04	Association	Allen et al. 1991	Allen-Diaz and Holzman
178	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>arbutifolia - Toxicodendron</i>	71.010.31	Association	Lee 2004	
179	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>diversilobum</i>	71.010.08	Association	Allen et al. 1991	Allen-Diaz and Holzman 1991, Barbour
180	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>diversilobum - Styrax officinalis /</i>	71.010.10	Association	Allen et al. 1991	Allen and Holzman 1991, Barbour 1988,
181	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>diversilobum / grass</i>	71.010.25	Association	Allen et al. 1991	Klein et al. 2007
182	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus kelloggii/ Triteleia spp.</i>	71.010.05	Association	Allen et al. 1991	Allen-Diaz and Holzman 1991, Barbour
183	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus lobata (Valley oak)</i>	G3 S3		Allen et al. 1989	Keeler-Wolf and Evens 2006, Hickson
184	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Valley Oak Woodland	G3 S2.1			
185	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus lobata - Acer negundo</i>	71.040.15	Association	Hickson and Keeler-Wolf	
186	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus lobata - Alnus rhombifolia</i>	71.040.11	Association	Hickson and Keeler-Wolf	Klein et al. 2007
187	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Vitis californica</i>	71.040.16	Association	Hickson and Keeler-Wolf	
188	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>grass</i>	71.040.06	Association	Allen et al. 1991a	Evens, Keeler-Wolf, San, Kentner, and
189	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Toxicodendron diversilobum</i>	71.040.17	Association	Allen et al. 1989	Allen et al. 1991, Evens et al. 2004
190	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus lobata - Quercus douglasii</i>	71.040.18	Association	Allen et al. 1989	Allen et al. 1991
191	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus lobata - Quercus kelloggii</i>	71.040.19	Association	Allen et al. 1991	
192	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus lobata - Quercus wislizeni</i>	71.040.12	Association	Klein et al 2007	
193	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus lobata - Salix lasiolepis</i>	71.040.20	Association	Keeler-Wolf and Evens 2005	Hickson and Keeler-Wolf 2007
194	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus lobata (Sacramento River)</i>	71.040.14	Association	Vaghti 2003	
195	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Great Valley Valley Oak Riparian	G1 S1.1			
196	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus lobata / grass</i>	71.040.05	Association	Allen et al. 1989	Allen et al. 1991, Evens and Kentner
197	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>riparian</i>	71.040.13	Association	Klein et al 2007	
198	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus lobata / Rhus trilobata</i>	71.040.09	Association	Klein et al. 2007	
199	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus lobata / Rubus armeniicus</i>	71.040.10	Association	Hickson and Keeler-Wolf	Klein et al. 2007
200	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus palmeri (Palmer oak)</i>	G3 S2?		Klein and Evens 2006	
201	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>fasciculatum</i>	37.419.00	Alliance	Klein and Evens 2005	Nixon 2002
202	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>wrightii</i>	37.419.02	Association	Klein and Evens 2005	Nixon 2002
203	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	(Shreve oak forests) Provisional	G2 S2		Dodd et al.2002	Miller 2005, CNPS 2006, Heise 2007
204	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>garryana, kelloggii, lobata, wislizeni)</i>	G4 S4		Allen et al. 1989	
205	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>grass</i>	71.100.05	Association	Allen et al. 1989	Allen et al. 1991, Allen-Diaz et al. 2007,
206	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Mixed oak - Pinus sabiniana / grass</i>	71.100.07	Association	Allen et al. 1989	Allen et al. 1991, Allen-Diaz et al. 2007,
207	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Toxicodendron diversilobum</i>	71.100.06	Association	Allen et al. 1989	Allen et al. 1991, Allen-Diaz et al. 2007,
208	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>grass</i>	71.100.04	Association	Allen et al. 1991	
209	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Toxicodendron diversilobum</i>	71.100.10	Association	Allen et al. 1989	Allen et al. 1991, Allen-Diaz et al. 2007,
210	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Mixed oak / grass</i>	71.100.08	Association	Allen et al. 1989	Allen et al. 1991, Allen-Diaz et al. 2007,
211	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus agrifolia / Toxicodendron</i>	71.100.14	Association	Allen et al. 1989	Allen et al. 1991, Allen-Diaz et al. 2007,
212	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus tomentella (Island oak)</i>	G3 S3		Griffin and Critchfield 1972	Clark et al. 1990, Junak et al. 1995, 2007,
213	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Island Oak Woodland	G2 S2.1			
214	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus wislizeni (Interior live oak)</i>	G4 S4		Allen et al. 1989	Evens et al. 2004
215	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Interior Live Oak Forest	G4 S4			
216	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Interior Live Oak Woodland	G3 S3.2			
217	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica</i>	71.080.14	Association	Klein et al. 2007	
218	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica / Toxicodendron</i>	71.080.37	Association	Evens et al. 2004	Lee 2004, Minnich 1976,

219	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>menziesii</i> / <i>Toxicodendron</i>			71.080.03 Association	Allen et al. 1991	
220	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus wislizeni</i> - <i>Pinus ponderosa</i>			71.080.15 Association	Klein et al. 2007	
221	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	/ <i>annual grass</i> - <i>herb</i>			71.080.42 Association	Evens et al. 2004	Klein et al. 2007, NatureServe 2007b
222	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	/ <i>Arctostaphylos manzanita</i>			71.080.02 Association	Allen et al. 1991	Klein et al. 2007, Allen-Diaz and Holzman
223	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	/ <i>Arctostaphylos viscida</i>			71.080.08 Association	Keeler-Wolf et al. 2003b	
224	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>chrysolepis</i> - <i>Pinus coulteri</i>			71.080.39 Association	Klein and Evens 2006	
225	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>chrysolepis tree</i>			71.080.38 Association	Keeler-Wolf et al. 2003b	Klein and Evens 2005
226	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>douglasii</i> - <i>Aesculus californica</i>			71.080.43 Association	Klein et al. 2007	
227	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>douglasii</i> - <i>Pinus sabiniana</i> / (grass)			71.080.01 Association	Allen et al. 1991	Keeler-Wolf et al. 2003b, Klein et al 2007,
228	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>douglasii</i> - <i>Pinus sabiniana</i> /			71.080.41 Association	Evens et al. 2004	
229	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>douglasii</i> / <i>herbaceous</i>			71.080.44 Association	Klein et al. 2007	
230	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>douglasii</i> / <i>Toxicodendron</i>			71.080.46 Association	Evens et al. 2004	
231	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>kelloggii</i>			71.080.45 Association	Klein et al. 2007	
232	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>kelloggii</i> / <i>Heteromeles arbutifolia</i> -			71.080.47 Association	Evens, San and Taylor 2004	
233	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Frangula californica</i>			71.080.13 Association	Klein et al. 2007	
234	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>viscida</i>			71.080.04 Association	Allen et al. 1991	Keeler-Wolf et al. 2003b, Klein et al.
235	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californicum</i>			71.080.05 Association	Allen et al. 1991	Allen-Diaz and Holzman
236	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>arbutifolia</i>			71.080.40 Association	Evens et al. 2004	Evens and Kentner 2006, Griffin 1977,
237	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>diversilobum</i>			71.080.48 Association	Lee et al. 2004	Minnich 1976, Evens et al. 2004, Griffin
238	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>diversilobum</i> / <i>Centaurea solstitialis</i>			71.080.16 Association	Lee 2004	
239	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Umbellularia californica</i> (California	California bay	G4 S3	74.100.00 Alliance	Keeler-Wolf et al 2003a	Evens and Kentner 2006
240	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	California Bay Forest		G3 S3.2			
241	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Umbellularia californica</i>			74.100.01 Association	Campbell 1980	Evens and Kentner 2006,
242	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>macrophyllum</i>			74.100.10 Association	Evens and Kentner 2006	
243	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica</i> / <i>Holodiscus discolor</i>			74.100.06 Association	Evens and Kentner 2006	
244	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>rhombifolia</i>			74.100.16 Association	Evens and Kentner 2006	Keeler- Wolf and Evens 2006, Klein et al.
245	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>menziesii</i>			74.100.03 Association	Parker 1990	Paysen et al. 1980
246	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica</i> / <i>Ceanothus spinosus</i>			74.100.11 Association	Keeler-Wolf and Evens 2006	
247	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Lithocarpus densiflorus</i>			74.100.12 Association	Evens and Kentner 2006	
248	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>racemosa</i>			74.100.13 Association	Keeler-Wolf and Evens 2006	
249	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Pseudotsuga menziesii</i> /			74.100.17 Association	Evens and Kentner 2006	
250	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>agrifolia</i> / (<i>Genista monspessulana</i>)			74.100.15 Association	Evens and Kentner	
251	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>agrifolia</i> / <i>Heteromeles arbutifolia</i> -			74.100.19 Association	Evens and San 2004	Griffin and Critchfield 1972,
252	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>agrifolia</i> / <i>Toxicodendron</i>			74.100.05 Association	Keeler-Wolf et al. 2003b	Evens and Kentner 2006
253	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>chrysolepis</i>			74.100.20 Association	Evens and Kentner 2006	
254	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>wislizeni</i>			74.100.18 Association	Klein et al. 2007	
255	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>oliganthus</i>			74.100.07 Association	Keeler-Wolf and Evens 2006	
256	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Polystichum munitum</i>			74.100.08 Association	Evens and Kentner 2006	Keeler-Wolf et al. 2003a,
257	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Toxicodendron diversilobum</i>			74.100.09 Association	Allen-Diaz et al. 2001	Barbour 1988, Barry 1989a, 1989b
258	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Northern Interior Cypress Forest		G2 S2.2			
259	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Southern Interior Cypress Forest		G2 S2.1			
260	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Callitropsis abramsiana</i> (Santa Cruz	Santa Cruz	G1 S1	81.606.00 Special Stands	Wolf and Wagener 1948	Barbour 2007, Bartel et al. 2003, Griffin
261	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Callitropsis bakeri</i> (Baker cypress	Baker cypress	G2 S2	81.601.00 Alliance	Wolf and Wagener 1948	
262	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>patula</i>			81.601.01 Association	Cheng 2004	Griffin and Critchfield 1972, Kruckeberg
263	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Callitropsis forbesii</i> (Tecate cypress	Tecate	G2 S2	81.607.00 Alliance	Wolf and Wagener 1948	Armstrong 1978, Brown 1982e, Cheng
264	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Callitropsis goveniana</i> (Monterey	Monterey	G1 S1	81.603.00 Special Stands	Vogl et al. 1977	Barbour 2007, Esser 1994d, Holland
265	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Monterey Pygmy Cypress Forest		G1 S1.1			
266	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Callitropsis macnabiana</i> (McNab	McNab	G3 S3	81.300.00 Alliance	Griffin and Stone 1967	Alexander et al. 2007, Bartel et al. 2003,
267	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Arctostaphylos viscida</i>			81.300.02 Association	Klein et al. 2007	Kruckeberg 1984, Paysen et al. 1980,
268	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Callitropsis macrocarpa</i> (Monterey	Monterey	G1 S1	81.604.00 Special Stands	Wolf 1948	Barbour 2007, Esser 1994f, Green 1929,
269	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Monterey Cypress Forest		G1 S1.2			
270	Tree Vegetation	Forest	Forest	Woodland	Woodland	<i>Callitropsis nevadensis</i>			81.605.01 Association	Keeler-Wolf 1990b	1950,
271	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Callitropsis pigmaea</i> (Mendocino	Mendocino	G2 S2	81.400.00 Alliance	Jenny et al. 1969	
272	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Mendocino Pygmy Cypress Forest		G2 S2.1			
273	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>tharusta</i>			81.400.03 Association	Westman and Whittaker 1975	
274	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>subfloridana</i>			81.400.04 Association	Westman and Whittaker 1975	
275	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>impexa</i>			81.400.02 Association	Westman and Whittaker 1975	
276	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Callitropsis sargentii</i> (Sargent	Sargent	G3 S3	81.500.00 Alliance	Evens and Kentner 2006	
277	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Callitropsis sargentii</i>			81.500.01 Association	Evens and Kentner 2006	Kruckeberg 1984, Mendocino
278	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Arctostaphylos montana</i>			81.500.03 Association	Evens and Kentner 2006	Kruckeberg 1984, Mendocino National
279	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Callitropsis sargentii</i> / <i>riparian</i>			81.500.02 Association	Evens and Kentner 2006	Kruckeberg 1984, Mendocino
280	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Callitropsis stephensonii</i> (Cuyamaca	Cuyamaca	G1 S1	81.610.00 Special Stands	Wolf and Wagener 1948	Armstrong 1978, Barbour 2007, Earle
281	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Juniperus californica</i> (California	California	G4 S4	89.100.00 Alliance	Keeler-Wolf et al. 1998b	Thomas et al. 2004
282	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Peninsular Juniper Woodland and		G3 S3.2			
283	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Cismontane Juniper Woodland and		G2 S2.1			
284	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>schidigera</i>) / <i>Pleuraphis rigida</i>			89.100.08 Association	Keeler-Wolf et al. 2005	
285	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>fasciculatum</i> - <i>Eriogonum</i>			89.100.01 Association		
286	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>ramosissima</i>			89.100.04 Association	Keeler-Wolf et al. 1998b	Keeler-Wolf and Thomas 2000, Keeler-
287	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>ramosissima</i> - <i>Yucca schidigera</i>			89.100.06 Association	Keeler-Wolf and Thomas	Keeler-Wolf et al. 2005
288	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>linearifolia</i> / <i>annual</i> - <i>perennial</i> -			89.100.02 Association		
289	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>fasciculatum</i> - <i>Artemisia californica</i>			89.100.12 Association	Klein and Evens 2005	
290	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>dipetala</i> - <i>Ericameria linearifolia</i>			89.100.14 Association	Evens et al. 2006	
291	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>cornelius</i> - <i>mulleri</i> / <i>Coleogyne</i>			89.100.05 Association	Keeler-Wolf and Thomas	Keeler-Wolf et al. 2005
292	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>schidigera</i>			89.100.18 Association	Keeler-Wolf et al. 2005	
293	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Juniperus californica</i> / <i>Agave deserti</i>			89.100.03 Association	Keeler-Wolf and Thomas	

294	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>herbaceous</i>			89.100.15	Association	Klein and Evens 2005	Klein et al. 2007, Meeuwig and Bassett
295	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>comata</i>			89.100.17	Association	Keeler-Wolf and Thomas	
296	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Juniperus californica / Nolina parryi</i>			89.100.11	Association	Keeler-Wolf and Thomas	Keeler-Wolf et al. 2005
297	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>ilicifolia / moss</i>			89.100.16	Association	NatureServe 2007	
298	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Pinus attenuata</i> (Knobcone pine)	Knobcone	G4 S4	87.100.00	Alliance	Keeler-Wolf et al. 2003b	Klein and Evens 2005
299	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Knobcone Pine Forest		G4 S4				
300	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Arctostaphylos viscida</i>			37.100.08.	Association	Lee 2004	Minnich 1976, 2007, Paysen et al. 1980
301	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>fasciculatum</i>			87.100.04	Association	Keeler-Wolf et al. 2003b	Keeley and Keeley 1978
302	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>columbiana</i>			87.100.01	Association	Imper 1991a	
303	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>glandulosa</i>			87.100.06	Association	Klein and Evens 2005	Kruckeberg 1984
304	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>patula</i>			87.100.02	Association	Imper 1991b	
305	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>viscida</i>			87.100.05	Association	Keeler-Wolf and Moore 2001	
306	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>lemmonii</i>			87.100.07	Association	Lee 2004	Minnich 1976, 2007, Paysen et al. 1980
307	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>vacciniifolia</i>			87.100.03	Association	Taylor and Teare 1979ba	Whittaker 1960, Vogl 1973, 1976, Vogl et
308	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Pinus coulteri</i> (Coulter pine)	Coulter pine	G4 S4	87.090.00	Alliance	Evens and San 2005	Klein and Evens 2005, Evens et al. 2006,
309	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Coulter Pine Forest						
310	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>decurrens - Pinus jeffreyi / Quercus</i>			87.090.01	Association	Evens and San 2005	
311	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>decurrens / Frangula californica spp.</i>			87.092.03	Association	Evens et al. 2006	Hanes 1976
312	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>decurrens / Quercus durata -</i>			87.090.02	Association	Evens and San 2005	
313	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Quercus durata - Arctostaphylos</i>			87.090.03	Association	Evens and San 2005	
314	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Pinus coulteri - Quercus chrysolepis</i>			87.090.04	Association	Evens	Evens et al. 2006, Hanes 1976, Klein
315	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>/ Arctostaphylos pringlei</i>			87.090.06	Association	Klein and Evens 2005	
316	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Pinus coulteri - Quercus kelloggii</i>			87.092.08	Association	Keeler-Wolf 1988e	Keeler-Wolf 1989g, Evens et al. 2006,
317	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Pinus coulteri - Quercus wislizeni</i>			87.092.05	Association	Klein and Evens 2005	Minnich 1976, 1980b, 1987, 2007,
318	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>glandulosa</i>			87.092.07	Association	Borchert et al. 2004	
319	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>glandulosa - Quercus wislizeni</i>			87.092.01	Association	Klein and Evens 2005	
320	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>glauca</i>			87.092.02	Association	Evens and San 2005	
321	Tree Vegetation	Forest	Forest	Woodland	Woodland	<i>Pinus coulteri / Quercus durata</i>			87.092.04	Association	Evens and San 2005	
322	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Pinus muricata</i> (Bishop pine forest)	Bishop pine	G3 S3	87.070.00	Alliance	Keeler-Wolf et al. 2003a	Ades et al. 1992, Axelrod 1980b, Cope
323	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Northern Bishop Pine Forest		G2 S2.2				
324	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Southern Bishop Pine Forest		G1 S1.1				
325	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>/ Vaccinium ovatum</i>			87.070.01	Association	Keeler-Wolf et al. 2003a	Evens and Kentner 2006, Griffin and
326	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>pigmaea</i>			87.070.10	Association	CVIS 1995	Evens and Kentner 2006, Griffin and
327	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>bolanderi</i>			87.070.02	Association	Westman and Whittaker 1975	
328	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>bolanderi / Arnica discoidea</i>			87.070.03	Association	Westman and Whittaker 1975	
329	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>menziesii</i>			87.070.04	Association	Westman and Whittaker 1975	
330	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>glandulosa</i>			87.070.07	Association	Evens and Kentner 2006	Griffin and Critchfield 1972
331	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Pinus muricata / Xerophyllum tenax</i>			87.070.09	Association	Westman and Whittaker 1975	cf. Westman 1975
332	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Pinus quadrifolia</i> (Parry pinyon)	Parry pinyon	G3 S2	87.030.00	Alliance	Klein and Evens 2005	Esser 1993d
333	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>cornelius - mulleri</i>			87.030.01	Association	Klein and Evens 2005	Lanner 1999, Minnich 1987, 2007,
334	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Pinus radiata</i> (Monterey pine forest)	Monterey pine	G1 S1	87.110.00	Alliance	Sawyer and Keeler-Wolf 1995	
335	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Monterey Pine Forest		G1 S1.1				
336	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Arctostaphylos tomentosa -</i>			87.110.03	Association	Cylinder 1995	Davis and Borchert 2007, Deghi et al.
337	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Toxicodendron diversilobum</i>			87.110.04	Association	Cylinder 1995	Davis and Borchert 2007, Deghi et al.
338	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>tomentosa - Vaccinium ovatum</i>			87.110.01	Association	Cylinder 1995	Davis and Borchert 2007, Deghi et al.
339	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>diversilobum</i>			87.110.02	Association	Cylinder 1995	Davis and Borchert 2007, Deghi et al.
340	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Pinus sabiniana</i> (Ghost pine)	Ghost pine	G4 S4	87.130.00	Alliance	Klein et al. 2007	Anderson 2005, Barbour 1988, Barbour et
341	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Open Digger Pine Woodland		G4 S4				
342	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica / grass</i>			87.130.02	Association		
343	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>chrysolepis / Arctostaphylos viscida</i>			87.130.12	Association	Keeler-Wolf et al. 2003b	Lee 2004
344	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>/ Adenostoma fasciculatum</i>			87.130.11	Association	Keeler-Wolf et al. 2003b	Klein et al. 2007, Klyver 1931, Kral 1993,
345	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>/ Ceanothus cuneatus</i>			87.130.04	Association	Keeler-Wolf et al. 2003b	
346	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>fasciculatum</i>			87.130.07	Association	Klein et al. 2007	
347	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>viscida</i>			87.130.08	Association	Klein et al. 2007	
348	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica - Ceanothus ferrisiae -</i>			87.130.06	Association	Keeler-Wolf et al. 2003a	
349	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>cuneatus - Heteromeles arbutifolia</i>			87.130.09	Association	Evens et al. 2004	Klein et al. 2007
350	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>cuneatus - Rhamnus ilicifolia</i>			87.130.10	Association	NatureServe 2007	
351	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>cuneatus / Plantago erecta</i>			87.130.03	Association		
352	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica ssp. tomentella</i>			87.130.13	Association	Keeler-Wolf et al. 2003b	Klein et al. 2007, Klyver 1931, Kral 1993,
353	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>Pinus torreyana</i> (Torrey pine stands)	Torrey pine	G1 S1	87.190.00	Special Stands	Evens and San 2005	Clark et al. 1990, Esser 1993dd, Griffin
354	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	Torrey Pine Forest		G1 S1.1				
355	1. Mesomorphic	1.C. Temperate	1.C.1. Warm Temperate	1.C.1.c. Madrean Forest and	MG009. California Forest and	<i>californica - Rhus integrifolia</i>			87.190.01	Association	Evens and San 2005	
356	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	Mixed Evergreen Forest		G4 S4				
357	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Arbutus menziesii</i> (Madrone forest)	Madrone	G4 S3	73.200.00	Alliance	Evens and Kentner 2006	Barbour 1988, Cooper 1922
358	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>agrifolia</i>			73.200.03	Association	Evens and Kentner 2006	McDonald and Tappeiner 1990,
359	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>californica - (Lithocarpus</i>			73.200.01	Association	Evens and Kentner 2006	
360	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>californica - Quercus kelloggii</i>			73.200.02	Association	Evens and Kentner 2006	
361	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Chrysolepis chrysophylla</i> (Golden	Golden	G2 S2	37.417.00	Alliance	Keeler-Wolf et al. 2001	
362	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Arctostaphylos glandulosa</i>			37.417.02	Association	Keeler-Wolf et al. 2003a	Evens and Kentner 2006, McMurray
363	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Vaccinium ovatum</i>			37.417.01	Association	Evens and Kentner 2006	
364	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Lithocarpus densiflorus</i> (Tanoak	Tanoak forest	G4 S3	73.100.00	Alliance	Jimerson 1996	Evens and Kentner 2006, Keeler-Wolf et
365	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	Tan Oak Forest		G4 S4				
366	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>circinatum</i>			73.100.10	Association	Jimerson et al. 1996	
367	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>macrophyllum</i>			73.100.11	Association	Jimerson et al. 1996	
368	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>menziesii</i>			73.100.03	Association	Keeler-Wolf et al. 2003a	Evens and Kentner 2006

369	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Calocedrus decurrens</i> / <i>Festuca</i>			73.100.12 Association	Jimerson et al. 1996	
370	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Chamaecyparis lawsoniana</i>			73.100.13 Association	Jimerson et al. 1996	
371	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Chrysolepis chrysophylla</i>			73.100.14 Association	Jimerson et al. 1996	
372	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>nuttallii</i>			73.100.15 Association	Jimerson et al. 1996	
373	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>nuttallii</i> / <i>Toxicodendron</i>			73.100.16 Association	Lee 2004	McDonald and Tappeiner 1990, 2002,
374	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>lambertiana</i> / <i>Toxicodendron</i>			73.100.01 Association	Griffin 1976a	Borchert 1987, Cooper 1922, Harrington
375	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>chrysolepis</i>			73.100.17 Association	Jimerson et al. 1996	
376	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>kelloggii</i>			73.100.18 Association	Jimerson et al. 1996	
377	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Umbellularia californica</i>			73.100.19 Association	Fiedler and Leidy 1987	Gaman and Casey 2002, Evens and
378	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>cornuta</i>			73.100.04 Association	Jimerson et al. 1996	
379	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>californica</i>			73.100.02 Association	Sawyer 1981a	
380	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>shallon</i>			73.100.05 Association	Jimerson et al. 1996	
381	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>nervosa</i>			73.100.06 Association	Jimerson et al. 1996	
382	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>vacciniifolia</i> - <i>Rhododendron</i>			73.100.07 Association	Jimerson et al. 1996	
383	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Toxicodendron diversilobum</i> -			73.100.08 Association	Jimerson et al. 1996	
384	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>ovatum</i>			73.100.09 Association	Jimerson et al. 1996	
385	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> (Douglas fir - Douglas fir -	G4 S4		82.500.00 Alliance	Bingham 1999	Evens and Kentner 2006, NVCS
386	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i>			82.500.48 Association	Lee 2004	McDonald et al. 1983, McDonald and
387	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> - (<i>Acer</i>			82.500.02 Association	cf. Jimerson et al. 1996	
388	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> - (<i>Acer</i>			82.500.50 Association	cf. Jimerson et al. 1996	
389	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> -			82.500.22 Association	cf. Jimerson et al. 1996	
390	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> -			82.500.31 Association	cf. Jimerson et al. 1996	
391	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> -			82.500.24 Association	cf. Jimerson et al. 1996	
392	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> -			82.500.25 Association	cf. Jimerson et al. 1996	
393	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> -			82.500.30 Association	cf. Jimerson et al. 1996	
394	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> -			82.500.29 Association	cf. Jimerson et al. 1996	
395	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> -			82.500.26 Association	cf. Jimerson et al. 1996	
396	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> -			82.500.27 Association	cf. Jimerson et al. 1996	
397	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> -			82.500.28 Association	cf. Jimerson et al. 1996	
398	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> -			82.500.16 Association	cf. Jimerson et al. 1996	
399	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> -			82.500.12 Association	cf. Jimerson et al. 1996	
400	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> -			82.500.15 Association	cf. Jimerson et al. 1996	
401	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> - (<i>Pinus</i>			82.500.39 Association	Mize 1973	Sawyer 1980, 2006, 2007, Sawyer and
402	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> - (<i>Quercus</i>			82.500.13 Association	cf. Jimerson et al. 1996	
403	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> - (<i>Quercus</i>			82.500.06 Association	cf. Jimerson et al. 1996	
404	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> - (<i>Quercus</i>			82.500.11 Association	cf. Jimerson et al. 1996	
405	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> - (<i>Quercus</i>			82.500.10 Association	cf. Jimerson et al. 1996	
406	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> - (<i>Quercus</i>			82.500.08 Association	cf. Jimerson et al. 1996	
407	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> - (<i>Quercus</i>			82.500.05 Association	Jimerson 1993	
408	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> - (<i>Quercus</i>			82.500.03 Association	cf. Jimerson et al. 1996	
409	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> -			82.500.04 Association	cf. Jimerson et al. 1996	
410	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> / <i>Iris</i>			82.500.44 Association	cf. Fites 1993	Franklin et al. 1981
411	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> - <i>Thuja</i>			82.500.51 Association	Jimerson 1999	
412	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> / <i>Acer</i>			82.500.36 Association	cf. Jimerson et al. 1996	
413	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> / <i>Achlys</i>			82.500.40 Association	Mize 1973	Sawyer 1980, 2006, 2007, Sawyer and
414	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> / <i>Chimaphila</i>			82.500.01 Association	Keeler-Wolf 1985c	Keeler-Wolf 1987d, 1989a
415	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> / <i>Cornus</i>			82.500.43 Association	cf. Fites 1993	Franklin et al. 1981
416	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> / <i>Corylus</i>			82.500.21 Association	cf. Fites 1993	Franklin 1981, cf. Jimerson et al. 1996
417	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> / <i>Gaultheria</i>			82.500.35 Association	cf. Jimerson et al. 1996	
418	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> / <i>Mahonia</i>			82.500.07 Association	cf. Jimerson et al. 1996	Thornburgh 1987
419	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> / <i>Quercus</i>			82.500.46 Association	Jimerson et al. 1996	
420	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> /			82.500.49 Association	cf. Jimerson et al. 1996	
421	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> / <i>Taxus</i>			82.500.38 Association	Mize 1973	Sawyer 1980, 2006, 2007, Sawyer and
422	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> /			82.500.23 Association	Thornburgh 1987	cf. Jimerson et al. 1996, Uchytel 1991d,
423	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> / <i>Vaccinium</i>			82.500.19 Association	Simpson 1980	Thornburgh 1982, cf. Jimerson et al. 1996
424	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> / <i>Vaccinium</i>			82.500.20 Association	Simpson 1980	Thornburgh 1982, cf. Jimerson et al. 1996
425	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> / <i>Whipplea</i>			82.500.47 Association	cf. Jimerson et al. 1996	
426	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Quercus garryana</i> (Oregon white	Oregon white	G4 S3	71.030.00 Alliance	NatureServe 2007a	Evens and Kentner 2006, Hastings et al.
427	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	Oregon Oak Woodland		G3 S3.3			
428	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Festuca californica</i>			71.030.03 Association	Jimerson 1993	McCreary 1990, Muick and Bartolome
429	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>kelloggii</i> / <i>Arrhenatherum elatius</i>			71.030.01 Association	Jimerson 1993	Jimerson and Carothers 2002
430	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>kelloggii</i> / <i>Dichelostemma ida-maia</i>			71.030.15 Association	Jimerson 1993	Jimerson and Carothers 2002
431	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>kelloggii</i> / <i>Toxicodendron</i>			71.030.14 Association	Lee 2004	McCreary 1990, Muick and Bartolome
432	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Quercus garryana</i> var. <i>breweri</i> /			71.030.02 Association	Jimerson 1993	Jimerson and Carothers 2002
433	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>carinatus</i>			71.030.11 Association	Taylor and Teare 1979a	
434	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>cristatus</i>			71.030.06 Association	Sugihara et al. 1987	Sweitzer and Van Vuren 2002
435	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>glomerata</i>			71.030.10 Association	Sugihara et al. 1987	Sweitzer and Van Vuren 2002
436	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>trolliifolium</i>			71.030.09 Association	Sugihara et al. 1987	Sweitzer and Van Vuren 2002
437	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Quercus garryana</i> / <i>Melica subulata</i>			71.030.13 Association	Stewman 2001	
438	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>lewisii</i>			71.030.08 Association	Sugihara et al. 1987	Sweitzer and Van Vuren 2002
439	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Quercus garryana</i> / <i>Ribes roezlii</i>			71.030.07 Association	Sugihara et al. 1987	Sweitzer and Van Vuren 2002
440	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>albus</i>			71.030.05 Association	Sugihara et al. 1987	Sweitzer and Van Vuren 2002
441	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>diversilobum</i>			71.030.04 Association	Leitner and Leitner 1988	Jimerson 1993, Jimerson and Carothers
442	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> (White fir - Douglas fir	White fir -	G5 S4	88.530.00 Alliance	Sawyer, Keeler-Wolf and	
443	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> - (<i>mixed conifer</i>) / <i>Acer</i>			88.530.34 Association	cf. Fites 1993	Fites-Kaufman et al. 2007, Franklin 1988,

444	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> - (<i>Quercus chrysolepis</i>)			88.530.06	Association	Jimerson 1993	
445	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> - <i>Calocedrus decurrens</i>			88.530.30	Association	Keeler-Wolf et al. 2003b	Laacke 1990a, Laacke and Fiske 1983a
446	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Amelanchier utahensis</i>			88.530.35	Association	cf. Fites 1993	Fites-Kaufman et al. 2007, Franklin 1988,
447	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Arnica cordifolia</i>			88.530.14	Association	Jimerson 1993	
448	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Cornus nuttallii</i>			88.530.36	Association	Taylor and Teare 1979b	
449	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Cornus nuttallii</i> / <i>Corylus</i>			88.530.37	Association	cf. Fites 1993	Fites-Kaufman et al. 2007, Franklin 1988,
450	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Corylus cornuta</i>			88.530.15	Association	Jimerson 1993	
451	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Corylus cornuta</i> /			88.530.32	Association	cf. Fites 1993	Fites-Kaufman et al 2007, Franklin 1988,
452	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Melica subulata</i>			88.530.16	Association	Jimerson 1993	
453	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Pteridium aquilinum</i>			88.530.29	Association	Sawyer 1981a	Sawyer 2006, 2007, Stone and Sumida
454	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Quercus sadleriana</i>			88.530.17	Association	Jimerson 1993	Sawyer
455	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Quercus sadleriana</i> -			88.530.18	Association	Jimerson 1993	
456	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Quercus sadleriana</i> -			88.530.19	Association	Jimerson 1993	
457	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Quercus sadleriana</i> -			88.530.38	Association	Jimmerson 1993	
458	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Quercus vacciniifolia</i>			88.530.20	Association	Jimerson 1993	cf. Fites 1993, Fites-Kaufman et al.
459	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Rhododendron</i>			88.530.21	Association	Jimerson 1993	
460	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Rosa gymnocarpa</i> -			88.530.23	Association	Jimerson 1993	
461	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Rosa gymnocarpa</i> -			88.530.24	Association	Jimerson 1993	
462	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Rosa gymnocarpa</i> /			88.530.25	Association	Jimerson 1993	
463	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Rubus amenicus</i>			88.530.31	Association	Stuart et al. 1992	
464	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Rubus parviflorus</i>			88.530.26	Association	Jimerson 1993	
465	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Trientalis latifolia</i>			88.530.33	Association	cf. Fites 1993	Fites-Kaufman et al 2007, Franklin 1988,
466	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Xerophyllum tenax</i>			88.530.28	Association	Jimerson 1993	
467	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Acer macrophyllum</i> (Bigleaf maple)	Bigleaf maple	G4 S3	61.450.00	Alliance	Jimerson et al. 1996	NatureServe 2007
468	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Acer macrophyllum</i>			61.450.01	Association	Klein et al. 2007	Minore and Zasada 1990, Sawyer 2006,
469	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Adenocaulon bicolor</i>			61.450.02	Association	Fites 1993	Fonda 1974, Franklin 1988, Franklin and
470	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Corylus cornuta</i>			61.450.04	Association	Fites 1993	Chambers 2003, Dyrness 1973, Fonda
471	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Dryopteris arguta</i>			61.450.03	Association	Klein et al. 2007	Minore and Zasada 1990, Sawyer 2006,
472	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Philadelphus lewisii</i>			61.450.05	Association	Jimerson et al. 1996	
473	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Polystichum munitum</i>			61.450.06	Association	Jimerson et al. 1996	
474	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Alnus rubra</i> (Red alder forest)	Red alder	G5 S4	61.410.00	Alliance	Keeler-Wolf et al. 2003a	Evens and Kentner 2006
475	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	Red Alder Forest		G4 S3.2				
476	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Acer circinatum</i> /			61.410.08	Association	Jimerson 1993	
477	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i> / <i>Acer circinatum</i> /			61.410.01	Association	Jimerson 1993	
478	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Alnus rubra</i> / <i>Gaultheria shallon</i>			61.410.02	Association	Stuart et al. 1986	
479	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Alnus rubra</i> / <i>Rubus spectabilis</i>			61.410.07	Association	Taylor 1982	Uchtyl 1989b
480	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	Red Alder Riparian Forest		G3 S2.2				
481	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Sambucus racemosa</i>			61.410.06	Association	Keeler-Wolf et al. 2003a	
482	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Pseudotsuga menziesii</i> (Douglas fir)	Douglas fir	G5 S4	82.200.00	Alliance	Jimerson et al. 1996	Barbour 1988, Bolsinger and Jaramillo
483	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	Upland Douglas Fir Forest		G4 S3.1				
484	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Pseudotsuga menziesii</i>			82.200.77	Association	Evens and Kentner 2006	Stuart et al. 1992, 1996
485	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Chrysolepis chrysophylla</i> -			82.200.12	Association	Jimerson et al. 1995	Evens and Kentner 2006
486	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Chrysolepis chrysophylla</i> -			82.200.13	Association	Jimerson et al. 1995	
487	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Chrysolepis chrysophylla</i> /			82.200.79	Association	Jimerson et al. 1995	
488	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Chrysolepis chrysophylla</i> /			82.200.10	Association	Jimerson et al. 1995	
489	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Chrysolepis chrysophylla</i> /			82.200.11	Association	Jimerson et al. 1995	
490	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Chrysolepis chrysophylla</i> /			82.200.09	Association	Jimerson et al. 1995	
491	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>agrifolia</i>			82.200.71	Association	Keeler-Wolf et al. 2003b	Evens and Kentner 2006, Jimerson et al.
492	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>chrysolepis</i>			82.300.03	Association	Taylor and Teare 1979a	Uchtyl 1991d, Jimerson et al. 1995,
493	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>chrysolepis</i> - <i>Acer macrophyllum</i> /			82.300.07	Association	Lee 2004	McKee 1990, Paysen et al. 1980, Rundel
494	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>chrysolepis</i> - <i>Arbutus menziesii</i> /			82.300.02	Association	Lee 2004	McKee 1990, Paysen et al. 1980, Rundel
495	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>chrysolepis</i> - <i>Lithocarpus densiflorus</i>			82.300.05	Association	Jimerson et al. 1995	
496	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>chrysolepis</i> - <i>mixed conifer</i> /			82.300.01	Association	cf. Fites 1993	Fites-Kaufman et al. 2007, Franklin 1988,
497	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>chrysolepis</i> / <i>Arctostaphylos</i>			82.300.06	Association	Sawyer and Stillmann 1977	
498	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>garryana</i> var. <i>garryana</i> / <i>grass</i>			82.200.19	Association	Jimerson et al. 1995	
499	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>kelloggii</i>			82.200.60	Association	Stuart et al. 1992	
500	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>kelloggii</i>			82.200.80	Association	Stuart et al. 1992	Jimerson et al. 1995, Stuart et al. 1996
501	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Umbellularia californica</i>			82.200.66	Association	Wainwright and Barbour 1984	Williamson 1980, Williamson and
502	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Umbellularia californica</i> / <i>Frangula</i>			82.200.70	Association	Keeler-Wolf et al. 2003a	
503	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Umbellularia californica</i> / <i>Holodiscus</i>			82.200.81	Association	Jimerson et al. 1995	
504	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Umbellularia californica</i> /			82.200.69	Association	Jimerson et al. 1995	Keeler-Wolf et al. 2003a
505	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Umbellularia californica</i> /			82.200.05	Association	Jimerson et al. 1995	Jimerson et al. 1996, Evens and Kentner
506	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>circinatum</i> - <i>Mahonia nervosa</i>			82.200.20	Association	Stuart et al. 1992	Jimerson 1993
507	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>triphylla</i>			82.200.49	Association	Keeler-Wolf 1985c	Keeler-Wolf 1987b, 1988e, 1989a
508	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>menziesii</i>			82.200.50	Association	Laidlaw-Holmes 1981	Sawyer and Stillman 1977, Sawyer and
509	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Arctostaphylos patula</i>			82.200.53	Association	Sawyer and Stillman 1977	Sawyer and Thornburgh 1977
510	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>pilularis</i>			82.200.72	Association	Keeler-Wolf 1989a	
511	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>umbellata</i>			82.200.54	Association	Sawyer and Stillman 1977	Sawyer and Thornburgh 1977
512	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>cornuta</i>			82.200.56	Association	Simpson 1980	Jimerson et al. 1996
513	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>cornuta</i> / <i>Adenocaulon bicolor</i>			82.200.04	Association	Fites 1993	
514	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>shallon</i>			82.200.59	Association	Simpson 1980	
515	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>borealis</i>			82.200.55	Association	Sawyer and Stillman 1977	Sawyer and Thornburgh 1977
516	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Lithocarpus densiflorus</i> var.			82.200.78	Association	cf. Fites 1993	
517	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>nervosa</i>			82.200.64	Association	Taylor 1975a, 1975b	
518	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>vacciniifolia</i>			82.200.15	Association	Sawyer et al. 1978	Jimerson et al. 1995, Jimerson 1993

519	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>vacciniifolia</i> - <i>Lithocarpus</i>			82.200.16	Association	Jimerson et al. 1995	Jimerson et al. 1996
520	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>vacciniifolia</i> - <i>Rhododendron</i>			82.200.74	Association	Simpson 1980	Jimerson et al. 1995, 1996
521	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Rhododendron</i> spp.			82.200.58	Association	Simpson 1980	
522	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Vancouveria planipetala</i>			82.200.57	Association	Simpson 1980	
523	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>menziesii</i> (Ponderosa pine -	Ponderosa	G4 S4	82.400.00	Alliance	Bingham 1999	Barbour 1988, Barbour et al. 2007
524	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	Coast Range Mixed Coniferous		G4 S4				
525	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>menziesii</i> - <i>Lithocarpus densiflorus</i> /			82.400.08	Association	cf. Fites 1993	Simpson 1980, Fites-Kaufman et al.
526	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>menziesii</i> - <i>Quercus chrysolepis</i> /			82.400.09	Association	cf. Fites 1993	Fites-Kaufman et al. 2007, Franklin 1988,
527	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>menziesii</i> / <i>Antennaria rosea</i> -			82.400.07	Association	cf. Fites 1993	Fites-Kaufman et al. 2007, Franklin 1988,
528	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>menziesii</i> / <i>Purshia tridentata</i> var.			82.400.06	Association	Smith 1994	
529	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>ponderosa</i>			82.400.04	Association	Taylor and Teare 1979b	
530	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>ponderosa</i> - <i>Calocedrus decurrens</i>			82.400.02	Association	Stuart et al. 1992	Jimerson 1993, Keeler-Wolf et al. 2003b,
531	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>ponderosa</i> - <i>Pinus jeffreyi</i> / <i>Poa</i>			82.400.03	Association	Smith 1994	
532	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>decurrens</i> (Douglas fir - Incense	Douglas fir -	G3 S3	82.600.00	Alliance	Stuart et al. 1992	cf. Jimerson et al. 1995
533	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	Ultramafic Mixed Coniferous Forest		G4 S4				
534	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>decurrens</i> - (<i>Pinus jeffreyi</i>) /			82.600.15	Association	Stuart et al. 1992	Stuart et al. 1996
535	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>decurrens</i> - (<i>Quercus kelloggii</i>) /			82.600.14	Association	Stuart et al. 1992	Stuart et al. 1996
536	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>decurrens</i> - <i>Pinus jeffreyi</i>			82.600.12	Association	Stuart et al. 1992	
537	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>decurrens</i> - <i>Pinus jeffreyi</i> / <i>Festuca</i>			82.600.13	Association	cf. Jimerson et al. 1995	Kruckeberg 1984, Powers and Oliver
538	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>decurrens</i> - <i>Umbellularia californica</i>			*82.600.01	Association	Jimerson 1993	
539	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>decurrens</i> / <i>Festuca californica</i>			82.600.02	Association	cf. Jimerson et al. 1995	
540	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>decurrens</i> / <i>Quercus vacciniifolia</i>			82.600.04	Association	Jimerson 1993	
541	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Abies bracteata</i> (Santa Lucia fir	Santa Lucia fir	G3 S3	88.300.00	Alliance	CNDDB 2003	Axelrod 1976, Barbour 1988, Paysen et
542	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	Santa Lucia Fir Forest		G2 S2.2				
543	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Abies bracteata</i> / <i>Galium clementis</i>			88.300.01	Association	Talley 1974	
544	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>munitum</i>			88.300.02	Association	Talley 1974	
545	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Abies concolor</i> (White fir forest)	White fir forest	G5 S4	88.500.00	Alliance	Keeler-Wolf et al. 2003b	Barbour 1988, Barbour and Minnich 2000,
546	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	Southern California White Fir Forest		G4 S4				
547	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	Desert Mountain White Fir Forest		G4 S1.2				
548	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>decurrens</i> - <i>Pinus jeffreyi</i>			88.500.40	Association	Klein and Evens 2006	
549	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>decurrens</i> - <i>Pseudotsuga</i>			88.510.10	Association	Evens and San 2005	
550	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>decurrens</i> - <i>Quercus kelloggii</i>			88.500.29	Association	Jimerson 1993	
551	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>decurrens</i> / <i>Pyrola picta</i>			88.500.31	Association	Jimerson 1993	
552	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>decurrens</i> / <i>Symphoricarpos mollis</i>			88.500.30	Association	Jimerson 1993	
553	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>chrysohylla</i>			88.500.37	Association	Jimerson 1993	
554	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	- <i>Symphoricarpos mollis</i>			88.500.35	Association	Jimerson 1993	
555	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Abies concolor</i> / <i>Acer glabrum</i>			88.500.60	Association	Taylor and Teare 1979b	Thorne et al. 2007, Vasek 1985
556	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Abies concolor</i> / <i>Achlys triphylla</i>			88.500.12	Association	Imper 1988a	
557	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>alnifolia</i>			88.500.33	Association	Jimerson 1993	
558	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>nevadensis</i>			88.500.10	Association	Imper 1988a	
559	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Abies concolor</i> / <i>Arnica cordifolia</i>			88.500.17	Association	Jimerson 1993	
560	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>menziesii</i> - <i>Pyrola picta</i>			88.500.32	Association	Jimerson 1993	
561	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>umbellata</i>			88.500.11	Association	Sawyer and Thornburgh	Imper 1988a, Jimerson 1993, Stone and
562	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>oblongifolia</i>			88.500.59	Association	Taylor and Randall 1977	
563	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Abies concolor</i> / <i>Mahonia nervosa</i>			88.500.54	Association	Sawyer and Thornburgh 1977	Stone and Sumida1983
564	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Abies concolor</i> / <i>Prunus emarginata</i>			88.500.58	Association	Taylor and Randall 1977	
565	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>jamesiana</i>			88.500.61	Association	Waddell 1982	Zouhar 2001a
566	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Abies concolor</i> / <i>Trillium ovatum</i>			88.500.57	Association	Sawyer and Thornburgh 1977	
567	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Abies concolor</i> / <i>Vicia americana</i>			88.500.53	Association	Sawyer and Thornburgh 1977	
568	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	(White fir-sugar pine forest) Alliance	White fir-sugar	G4 S4	88.510.00	Alliance	Keeler-Wolf and Moore 2001	
569	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	Sierran Mixed Coniferous Forest		G4 S4				
570	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	Sierran White Fir Forest		G4 S4				
571	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Abies concolor</i> - <i>Pinus lambertiana</i>			88.510.01	Association	Keeler-Wolf et al. 2003b	
572	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Calocedrus decurrens</i> - <i>Quercus</i>			88.510.09	Association	Klein and Evens 2005	
573	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Calocedrus decurrens</i> /			88.510.06	Association	Keeler-Wolf et al. 2003b	cf. Fites 1993, Fites-Kaufman et al. 2007,
574	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Calocedrus decurrens</i> / <i>Chrysolepis</i>			88.510.07	Association	Keeler-Wolf et al. 2003b	
575	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Calocedrus decurrens</i> / <i>Cornus</i>			88.510.05	Association	cf. Fites 1993	Keeler-Wolf et al. 2003b, Fites-Kaufman
576	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Calocedrus decurrens</i> /			88.510.08	Association	Keeler-Wolf et al. 2003b	
577	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Pinus jeffreyi</i>			88.510.04	Association	Keeler-Wolf et al. 2003b	
578	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Pinus ponderosa</i> / <i>Lithocarpus</i>			88.510.17	Association	Lee 2004	Sawyer 2007, Stone and Sumida 1983,
579	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Pseudotsuga menziesii</i> / <i>Carex</i>			88.510.14	Association	cf. Fites 1993	
580	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Ceanothus cordulatus</i>			88.510.13	Association	Keeler-Wolf et al. 2003b	
581	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Maianthemum racemosum</i> - <i>Prosartes</i>			88.510.03	Association	Fites 1993	
582	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Lithocarpus densiflorus</i> var.			88.510.16	Association	Lee 2004	Sawyer 2007, Stone and Sumida 1983,
583	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>lambertiana</i> / <i>Lithocarpus</i>			88.510.15	Association	Lee 2004	Sawyer 2007, Stone and Sumida 1983,
584	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	(Red fir - white fir forest) Alliance	Red fir - white	G5 S4	88.520.00	Alliance	Parker 1982	Parker 1984
585	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Abies magnifica</i> - <i>Abies concolor</i>			88.520.01	Association	Potter 1998	Keeler-Wolf et al. 2003b, Laacke 1990a,
586	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Pinus jeffreyi</i>			88.520.09	Association	Potter 1998	Keeler-Wolf et al. 2003b, Laacke 1990a,
587	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Acer glabrum</i>			88.520.11	Association	Jimerson 1993	
588	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Achlys triphylla</i>			88.520.08	Association	Jimerson 1993	
589	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Anemone deltoidea</i>			88.520.16	Association	Jimerson 1993	
590	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Arctostaphylos nevadensis</i>			88.520.07	Association	Jimerson 1993	
591	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Arctostaphylos nevadensis</i>			88.520.12	Association	Jimerson 1993	
592	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Arnica cordifolia</i>			88.520.03	Association	Jimerson 1993	
593	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian-Vancouverian	<i>Penstemon anguineus</i> - <i>Monardella</i>			88.520.13	Association	Jimerson 1993	

594	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Pinus lambertiana</i>				88.520.10	Association	Potter 1998		Keeler-Wolf et al. 2003b, Laacke 1990a,	
595	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Pteridium aquilinum</i>				88.520.02	Association	Jimerson 1993			
596	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Pyrola picta</i>				88.520.15	Association	Jimerson 1993			
597	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Quercus sadleriana</i>				88.520.06	Association	Jimerson 1993			
598	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Quercus sadleriana</i>				88.520.14	Association	Jimerson 1993			
599	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Symphoricarpos mollis</i> - <i>Rosa</i>				88.520.05	Association	Jimerson 1993			
600	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Symphoricarpos mollis</i> / <i>Pyrola picta</i>				88.520.04	Association	Jimerson 1993			
601	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Calocedrus decurrens</i> (Incense cedar) / <i>Senecio triangularis</i>	Incense cedar	G4 S3		85.100.00	Alliance	Keeler-Wolf et al. 2003b			
602	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>concolor</i> / <i>Senecio triangularis</i>				85.100.05	Association	Muldavin 1982		Powers and Oliver 1990	
603	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>rhombifolia</i>				85.100.03	Association	Keeler-Wolf et al. 2003b		Potter 2005, Klein et al. 2007, Kruckeberg	
604	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>chrysolepis</i> - <i>Quercus kelloggii</i>				85.100.04	Association	Klein and Evens 2005		Evens and San 2005, Griffin and	
605	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>convallarioides</i>				85.100.01	Association	Muldavin 1982		Powers and Oliver 1990	
606	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Picea breweriana</i> (Brewer spruce)	Brewer spruce	G3 S2		83.300.00	Alliance	NatureServe 2007a			
607	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	Siskiyou Enriched Coniferous Forest		G1 S1.2							
608	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	Salmon Scott Enriched Coniferous		G1 S1.2							
609	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Pinus jeffreyi</i> (Jeffrey pine forest)	Jeffrey pine	87.020.00	pine forest	Alliance		Potter 1994			
610	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	Jeffrey Pine Forest		G4 S4							
611	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	Jeffrey Pine Fir Forest		G4 S4							
612	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	Northern Ultramafic Jeffrey Pine		G3 S3.2							
613	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	Southern Ultramafic Jeffrey Pine		G2 S2.1							
614	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	Southern Ultramafic Mixed		G2 S2.1							
615	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Abies magnifica</i>				87.205.03	Association	Potter 1994			
616	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Chrysolepis sempervirens</i>				87.020.30	Association	Keeler-Wolf et al. 2003b		Klein and Evens 2005	
617	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>innominata</i>				87.205.06	Association	Jimerson et al. 1995			
618	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Quercus sadleriana</i>				87.205.05	Association	Jimerson et al. 1995			
619	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Symphoricarpos rotundifolius</i> /				87.205.07	Association	Keeler-Wolf et al. 2003b			
620	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Pinus jeffreyi</i> - <i>Abies magnifica</i>				87.020.39	Association	Potter 1994		Potter 1998, Keeler-Wolf et al. 2003b	
621	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>decurrens</i> / <i>Ceanothus cuneatus</i>				87.020.04	Association	Jimerson et al. 1995			
622	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>decurrens</i> / <i>Ceanothus pumila</i>				87.020.28	Association	Jimerson et al. 1995			
623	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>decurrens</i> / <i>Quercus vacciniifolia</i>				87.020.37	Association	Jimerson et al. 1995			
624	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>decurrens</i> / <i>Quercus vacciniifolia</i> /				87.020.05	Association	Jimerson et al. 1995			
625	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Pinus jeffreyi</i> - <i>Pinus monophylla</i>				87.020.26	Association	Keeler-Wolf et al. 2003b			
626	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Quercus kelloggii</i> / <i>Poa wheeleri</i> /				87.200.08	Association	Smith 1994		Sugihara et al. 2006	
627	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Amelanchier alnifolia</i> - <i>Mahonia</i>				87.200.09	Association	Smith 1994		Sugihara et al. 2006	
628	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Purshia tridentata</i> var. <i>tridentata</i> /				87.200.03	Association	Smith 1994			
629	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Symphoricarpos mollis</i> / <i>Wyethia</i>				87.200.07	Association	Smith 1994		Sugihara et al. 2006	
630	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>menziesii</i> / <i>Quercus vacciniifolia</i> /				87.020.02	Association	Jimerson 1993			
631	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Arctostaphylos viscida</i>				87.020.38	Association	Keeler-Wolf et al. 2003b			
632	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Pinus jeffreyi</i> - <i>Quercus kelloggii</i>				87.020.25	Association	Klein and Evens 2005		Kruckeberg 1984, Minnich 1987, 2007,	
633	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Poa secunda</i>				87.020.15	Association	Smith 1994		Sugihara et al. 2006	
634	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Rhus trilobata</i>				87.020.16	Association	Smith 1994		Sugihara et al. 2006	
635	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>nevadensis</i>				87.020.24	Association	Waddell 1982		Zinke 1977, Zobel 1952	
636	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Pinus jeffreyi</i> / <i>Arctostaphylos patula</i>				87.020.09	Association	Potter 1998		Keeler-Wolf et al. 2003b	
637	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	- <i>Ceanothus velutinus</i>				87.020.35	Association	Potter 1998			
638	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Penstemon centranthifolius</i>				87.020.32	Association	Klein and Evens 2005		Kruckeberg 1984, Minnich 1987, 2007	
639	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	var. <i>vaseyana</i> / <i>Festuca idahoensis</i>				87.020.19	Association	Smith 1994		Sugihara et al. 2006	
640	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>koelerioides</i>				87.020.23	Association	Taylor and Teare 1979b		Thorne et al. 2007, Vasek and Thorne	
641	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>cordulatus</i>				87.020.10	Association	Potter 1998		Keeler-Wolf et al. 2003b	
642	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>cordulatus</i> - <i>Artemisia tridentata</i>				87.020.36	Association	Potter 1994			
643	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>ledifolius</i>				87.020.17	Association	Smith 1994		Keeler-Wolf et al. 2003b, Sugihara et al.	
644	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>sempervirens</i>				87.020.20	Association	Talley 1978		Keeler-Wolf et al. 2003b	
645	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Pinus jeffreyi</i> / <i>Ericameria ophitidis</i>				87.020.22	Association	Taylor and Teare 1979		Thorne et al. 2007, Vasek and Thorne	
646	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Pinus jeffreyi</i> / <i>Festuca idahoensis</i>				87.020.03	Association	Duebendorfer 1987		Jimerson et al. 1995, Griffin and	
647	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Pinus jeffreyi</i> / <i>Lupinus caudatus</i>				87.020.11	Association	Reigel et al. 1990		Rundel et al. 1977	
648	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	var. <i>tridentata</i>				87.020.21	Association	Taylor 1980		Keeler-Wolf et al. 2003b	
649	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	var. <i>tridentata</i> - <i>Symphoricarpos</i>				87.020.14	Association	Smith 1994			
650	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	var. <i>tridentata</i> / <i>Cercocarpus</i>				87.020.13	Association	Smith 1994			
651	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	var. <i>tridentata</i> / <i>Wyethia mollis</i>				87.020.12	Association	Smith 1994			
652	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Pinus jeffreyi</i> / <i>Quercus palmeri</i>				87.020.33	Association	Klein and Evens 2005		Kruckeberg 1984, Minnich 1987, 2007	
653	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Xerophyllum tenax</i>				87.020.01	Association	Jimerson et al. 1995			
654	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Pinus jeffreyi</i> / <i>Quercus vacciniifolia</i>				87.020.08	Association	Potter 1994		Potter 1998, Keeler-Wolf et al. 2003b	
655	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Arctostaphylos nevadensis</i>				87.020.27	Association	Jimerson et al. 1995			
656	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Pinus jeffreyi</i> / <i>Quercus wislizeni</i>				87.020.34	Association	Klein and Evens 2005		Kruckeberg 1984, Minnich 1987, 2007	
657	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>longiflorus</i> / <i>Poa wheeleri</i>				87.020.18	Association	Smith 1994			
658	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Pinus lambertiana</i> (Sugar white pine)	Sugar white	G4 S3		87.206.00	Alliance	Jimerson et al. 1995			
659	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>chrysophylla</i> / <i>Quercus vacciniifolia</i> -				87.206.01	Association	Jimerson, et al. 1995		Kruckeberg 1984, Sawyer 2006, 2007,	
660	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>ssp contorta</i> / <i>Quercus vacciniifolia</i> -				87.206.02	Association	Jimerson, et al. 1995		Kruckeberg 1984, Sawyer 2006, 2007,	
661	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>ssp. contorta</i> / <i>Lithocarpus</i>				87.206.03	Association	Jimerson, et al. 1995		Kruckeberg 1984, Sawyer 2006, 2007,	
662	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	/ <i>Quercus vacciniifolia</i> - <i>Garrya</i>				87.206.04	Association	Jimerson, et al. 1995		Kruckeberg 1984, Sawyer 2006, 2007,	
663	1.	Mesomorphic	1.C.	Temperate	1.C.2.	Cool Temperate	1.C.2.b.	Western North America	MG023.	Californian–Vancouverian	<i>Pinus ponderosa</i> (Ponderosa pine)	Ponderosa	G5 S4		87.010.					

669	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Pinus ponderosa - Alnus rhombifolia</i>			87.010.37	Association	Potter 2005	
670	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Pinus ponderosa - Alnus rhombifolia</i>			87.010.44	Association	Potter 1995	
671	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>densiflorus</i>			87.010.46	Association	Lee 2004	McDonald 1980b
672	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>ssp. murrayana / Amelanchier</i>			87.010.23	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
673	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Achnatherum occidentale</i>			87.010.54	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
674	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Artemisia tridentata var. vaseyana -</i>			87.010.25	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
675	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Balsamorhiza sagittata</i>			87.010.55	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
676	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Cercocarpus ledifolius /</i>			87.010.49	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
677	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Frangula rubra / Poa secunda</i>			87.010.51	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
678	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Purshia tridentata var. tridentata /</i>			87.010.50	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
679	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Quercus vacciniifolia</i>			87.010.53	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
680	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Quercus vacciniifolia / Wyethia</i>			87.010.52	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
681	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>lambertiana - Quercus chrysolepis /</i>			87.010.48	Association	Lee 2004	McDonald 1980b
682	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>lambertiana / Arctostaphylos patula -</i>			87.010.47	Association	Lee 2004	McDonald 1980b
683	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>nelsonii</i>			87.010.18	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
684	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>alnifolia - Mahonia repens / Arnica</i>			87.010.27	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
685	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>alnifolia - Mahonia repens / Arnica</i>			87.010.42	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
686	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>alnifolia - Prunus virginiana</i>			87.010.26	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
687	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>patula - Chamaebatia foliolosa</i>			87.010.03	Association	Fites 1993	Griffin 1985, Griffin and Critchfield 1972,
688	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>viscida</i>			87.010.39	Association	Klein et al. 2007	
689	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>tridentata</i>			87.010.04	Association	Keeler-Wolf 1984a	
690	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>tridentata var. vaseyana / Festuca</i>			87.010.24	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
691	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Pinus ponderosa / Bromus carinatus</i>			87.010.06	Association	Keeler-Wolf 1984a	
692	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>cuneatus</i>			87.010.09	Association	Simpson 1980	
693	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>prostratus</i>			87.010.08	Association	Sawyer and Thornburgh 1988	
694	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>velutinus / Achnatherum nelsonii</i>			87.010.28	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
695	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>ledifolius - Purshia tridentata var.</i>			87.010.19	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
696	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>ledifolius / Pseudoroegneria spicata</i>			87.010.20	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
697	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>foliolosa</i>			87.010.02	Association	Taylor and Randall 1977	Fites 1993, Thorne 1977, 1982, Griffin
698	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>angustifolium</i>			87.010.07	Association	Keeler-Wolf 1986c	Keeler-Wolf 1988d
699	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>densiflorus var. echinoides</i>			87.010.43	Association	Lee 2004	
700	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>var. tridentata</i>			87.010.05	Association	Keeler-Wolf 1984a	Vora 1988, Fites 1993, Smith 1994
701	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>var. tridentata - Arctostaphylos</i>			87.010.13	Association	Smith 1994	
702	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>var. tridentata - Ceanothus velutinus</i>			87.010.14	Association	Smith 1994	
703	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>var. tridentata - Prunus virginiana /</i>			87.010.41	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
704	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>var. tridentata - Ribes cereum /</i>			87.010.16	Association	Smith 1994	
705	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>var. tridentata / Achnatherum</i>			87.010.12	Association	Smith 1994	
706	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>var. tridentata / Balsamorhiza</i>			87.010.10	Association	Smith 1994	Solinas et al. 1985, Sugihura et al. 2006,
707	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>var. tridentata / Galium bolanderi</i>			87.010.40	Association	Fites 1993	Griffin 1985, Griffin and Critchfield
708	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>var. tridentata / Senecio</i>			87.010.15	Association	Smith 1994	
709	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>longiflorus</i>			87.010.29	Association	Vora 1988	
710	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Pinus ponderosa stream terrace</i>			87.010.38	Association	Klein et al. 2007	
711	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>decurrens (Mixed conifer forest)</i>	Mixed conifer	G4 S4	87.015.00	Alliance	Keeler-Wolf et al. 2003b	Barbour 1988, Barbour et al. 2007
712	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>decurrens - Quercus kelloggii</i>			87.015.02	Association	Keeler-Wolf et al. 2003b	Kinloch and Scheuner 1990, Laacke
713	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>decurrens (mixed conifer) - Quercus</i>			87.015.04	Association	Fites 1993, re-named Keeler-	
714	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>decurrens (mixed conifer) /</i>			87.015.08	Association	cf. Fites 1993	
715	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>decurrens (mixed conifer) / Galium</i>			87.015.01	Association	cf. Fites 1993	
716	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>decurrens / Ceanothus prostratus</i>			87.015.10	Association	Sawyer and Thornburgh 1977	
717	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>decurrens / Chamaebatia foliolosa /</i>			87.015.11	Association	cf. Fites 1993	
718	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>decurrens / Chamaebatia foliosa</i>			87.015.03	Association	Keeler-Wolf et al. 2003b	Kinloch and Scheuner 1990, Laacke
719	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>decurrens / Mahonia nervosa</i>			87.015.09	Association	Sawyer and Thornburgh 1977	
720	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>decurrens / Purshia tridentata /</i>			87.015.14	Association	Smith 1994	
721	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>decurrens / Purshia tridentata var.</i>			87.015.13	Association	Smith 1994	
722	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>decurrens / Quercus chrysolepis</i>			87.015.12	Association	cf. Fites 1993	Habeck 1992a, 1992d, Keeler-Wolf et al.
723	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>decurrens / Quercus vacciniifolia</i>			87.015.05	Association	cf. Fites 1993	Habeck 1992a, 1992d
724	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Pinus washoensis (Washoe pine)</i>	Washoe pine	G2 S2	87.120.00	Alliance	Smith 1994	Critchfield 1984, Critchfield and
725	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Washoe Pine Fir Forest</i>		G1 S1.2				
726	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>caudatus</i>			87.120.01	Association	Rundel et al. 1977	Reigel et al. 1990, Sawyer 2004
727	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>longiflorus / Pseudostellaria</i>			87.120.02	Association	Smith 1994	Stuart and Sawyer 2001, Wells 1964
728	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Pseudotsuga macrocarpa (Bigcone</i>	Bigcone	G3 S3	82.100.00	Alliance	Evens and San 2005	Barbour 1988, Barry 1989a, 1989b,
729	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Bigcone Spruce Canyon Oak Forest</i>		G3 S3.2				
730	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>agrifolia</i>			82.100.01	Association	Evens and San 2005	Gause 1966, Griffin and Critchfield 1972,
731	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>chrysolepis</i>			82.100.02	Association	Evens and San 2005	Klein and Evens 2005, Gause 1966,
732	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Sequoiadendron giganteum (Giant</i>	Giant sequoia	G3 S3	86.200.00	Alliance	Keeler-Wolf et al. 2003a	
733	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>Big Tree Forest</i>		G3 S3.2				
734	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG023. Californian–Vancouverian	<i>lambertiana / Cornus nuttallii</i>			86.200.01	Association	Keeler-Wolf et al. 2003a	Kilgore and Taylor 1979, Nichols 1989,
735	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Southern California Subalpine</i>		G3 S3.3				
736	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Abies lasiocarpa (Subalpine fir)</i>	Subalpine fir	G5 S2	88.400.00	Alliance	Alexander et al. 1990	Cheng 2004
737	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Abies lasiocarpa</i>			88.400.01	Association	De Jager 1991	Griffin and Critchfield 1972, Sawyer 1987,
738	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Picea engelmannii (Engelmann</i>	Engelmann	G5 S2	83.100.00	Alliance	NatureServe 2007a	Alexander and Shepperd 1990, De Jager
739	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Populus tremuloides (Aspen groves)</i>	Aspen groves	G5 S3	61.111.00	Alliance	Keeler-Wolf et al. 2003b	
740	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Aspen Forest</i>		G5 S3.2				
741	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Aspen Riparian Forest</i>		G4 S3.2				
742	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Populus tremuloides</i>			61.111.02	Association	Potter 1994	Talley 1977, Thorne 1976, 1977, Griffin
743	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>contorta / Artemisia tridentata / Poa</i>			61.111.11	Association	Keeler-Wolf et al. 2003b	

744	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>tridentata</i>			61.111.06 Association	Keeler-Wolf et al. 2003b	
745	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>tridentata</i> / <i>Monardella odoratissima</i> -			61.111.07 Association	Keeler-Wolf et al. 2003b	
746	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>carinatus</i>			61.111.19 Association	Manning and Padgett 1995	
747	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Populus tremuloides</i> / <i>dry graminoid</i>			61.111.18 Association	S. Smith 1998	
748	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Populus tremuloides</i> / <i>mesic forb</i>			61.111.17 Association	S. Smith 1998	
749	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>odoratissima</i>			61.111.08 Association	Potter 1994	Keeler-Wolf et al. 2003b
750	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Populus tremuloides</i> / <i>Pinus jeffreyi</i>			61.111.09 Association	Keeler-Wolf et al. 2003b	
751	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Populus tremuloides</i> / <i>Poa pratensis</i>			61.111.20 Association	S. Smith 1998	Keeler-Wolf et al. 2003b
752	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Populus tremuloides</i> / <i>Prunus</i>			61.111.14 Association	S. Smith 1998	
753	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Populus tremuloides</i> / <i>Rosa woodsii</i>			61.111.10 Association	Keeler-Wolf et al. 2003b	
754	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Symphoricarpos albus</i>			61.111.15 Association	S. Smith 1998	
755	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Symphoricarpos rotundifolius</i>			61.111.16 Association	S. Smith 1998	
756	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Symphytotricum foliaceum</i>			61.111.05 Association	Reigel et al. 1990	
757	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Populus tremuloides</i> / <i>upland</i>			61.111.04 Association	Potter 1994	
758	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>californicum</i>			61.111.03 Association	Reigel et al. 1990	S. Smith 1998, Potter 2005, Keeler-Wolf
759	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Pinus albicaulis</i> (Whitebark pine	Whitebark	G5 S4	87.180.00 Alliance	Keeler-Wolf et al. 2003b	Arno 1980, 1986, Arno and Hoff 1990,
760	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	Whitebark Pine Forest		G4 S4			
761	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>mertensiana</i>			87.180.07 Association	Keeler-Wolf et al. 2003b	Kendall 1995
762	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>californica</i>			87.180.01 Association	Reigel et al. 1990	Riegel et al. 2007, Rundel et al. 1977,
763	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Pinus albicaulis</i> / <i>Arenaria aculeata</i>			87.180.03 Association	Reigel et al. 1990	Riegel et al. 2007, Rundel et al. 1977,
764	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Pinus albicaulis</i> / <i>Carex filifolia</i>			87.180.08 Association	Keeler-Wolf et al. 2003b	Kendall 1995
765	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Pinus albicaulis</i> / <i>Carex rossii</i>			87.180.09 Association	Keeler-Wolf et al. 2003b	Kendall 1995, Taylor 1984, Weaver 2001
766	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>discolor</i>			87.180.04 Association	Sawyer and Thornburgh 1977	
767	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>dauidsonii</i>			87.180.06 Association	Taylor 1984	Weaver 1991, Keeler-Wolf et al. 2003b,
768	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>gracilentus</i>			87.180.02 Association	Reigel et al. 1990	Riegel et al. 2007, Rundel et al. 1977,
769	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Pinus albicaulis</i> / <i>Poa wheeleri</i>			87.180.05 Association	Taylor 1984	Weaver 1991
770	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Pinus balfouriana</i> (Foxtail pine	Foxtail pine	G3 S3	87.150.00 Alliance	NatureServe 2007a	
771	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	Foxtail Pine Forest		G3 S3.3			
772	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Pinus balfouriana</i>			87.150.01 Association	Ball 1976	Eckert and Sawyer 2002, Barbour 1988,
773	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Pinus balfouriana</i> - <i>Abies magnifica</i>			87.150.04 Association	Eckert and Sawyer 2002	Griffin and Critchfield 1972, Howard
774	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Pinus balfouriana</i> - <i>Pinus albicaulis</i>			87.150.05 Association	Eckert and Sawyer 2002	Griffin and Critchfield 1972, Howard
775	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Pinus balfouriana</i> - <i>Pinus flexilis</i>			87.150.07 Association	Ball 1976	Barbour 1988, Eckert 2006, Eckert and
776	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Pinus balfouriana</i> - <i>Pinus monticola</i>			87.150.06 Association	Eckert and Sawyer 2002	Griffin and Critchfield 1972, Howard
777	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>drummondii</i>			87.150.02 Association	Whipple and Cope 1979	
778	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>sempervirens</i>			87.150.03 Association	Haultain, pers. comm.	
779	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Pinus flexilis</i> (Limber pine	Limber pine	G5 S3	87.160.00 Alliance	Keeler-Wolf et al. 2003b	Thomas et al. 2004, Klein and Evens
780	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	Limber Pine Forest		G4 S2.3			
781	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Chrysolepis sempervirens</i>			87.160.02 Association	Klein and Evens	Paysen et al. 1980, Sawyer and Keeler-
782	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>murryana</i>			87.160.03 Association	Griffin and Critchfield 1972	Ball 1976, Barney 1980, Hanes 1976,
783	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Pinus flexilis</i> / <i>Cercocarpus ledifolius</i>			87.160.01 Association	Taylor 1979	Thomas et al.
784	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Pinus longaeva</i> (Bristlecone pine	Bristlecone	G4 S2	87.140.00 Alliance	Thomas et al. 2004	
785	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	Bristlecone Pine Forest		G4 S2.3			
786	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>Pinus longaeva</i>			87.140.01 Association	Taylor 1979	Thorne 1976, Thorne et al. 2007, Vasek
787	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG020. Rocky Mountain Subalpine	<i>intricatus</i>			87.140.02 Association	Taylor 1979	Thorne 1976, Thorne et al. 2007, Vasek
788	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>Abies grandis</i> (Grand fir forest)	Grand fir	G4 S2	88.100.00 Alliance	NatureServe 2007	Boyd 1980a, Foiles et al. 1990, Franklin
789	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	Grand Fir Forest		G1 S1.1			
790	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>Chamaecyparis lawsoniana</i> (Port	Port Orford	G3 S3	81.100.00 Alliance	Jimerson et al. 1995	
791	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	Port Orford Cedar Forest		G3 S2.1			
792	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>concolor</i> / <i>Acer circinatum</i>			81.100.31 Association	Jimerson 1999 (1994)	
793	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>concolor</i> / <i>Alnus viridis</i>			81.100.30 Association	Jimerson 1999 (1994)	
794	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>concolor</i> / <i>Chrysolepis sempervirens</i>			81.100.14 Association	Jimerson 1999 (1994)	Jules et al. 2002, Kruckeberg 1984,
795	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>concolor</i> / <i>herb</i>			81.100.08 Association	Jimerson et al. 1995	
796	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>concolor</i> / <i>Quercus sadleriana</i>			81.100.07 Association	Jimerson et al. 1995	
797	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>concolor</i> / <i>Quercus vacciniifolia</i>			81.100.09 Association	Jimerson et al. 1995	
798	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>concolor</i> / <i>Rhododendron</i>			81.100.06 Association	Jimerson et al. 1995	
799	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>x shastensis</i> - <i>Picea breweri</i> /			81.100.32 Association	Jimerson 1999 (1994)	
800	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>x shastensis</i> / <i>Alnus viridis</i> -			81.100.33 Association	Jimerson 1999 (1994)	
801	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>x shastensis</i> / <i>Alnus viridis</i> /			81.100.34 Provisional Assoc	Jimerson 1994 (1999 suppl)	
802	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>x shastensis</i> / <i>Quercus sadleriana</i> -			81.100.03 Association	Jimerson 1994	
803	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>Calocedrus decurrens</i> - <i>Alnus</i>			81.100.39 Association	Jimerson et al. 1995	
804	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>Calocedrus decurrens</i> / <i>Quercus</i>			81.100.40 Association	Jimerson et al. 1995	
805	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>monticola</i> / <i>Alnus viridis</i>			81.100.16 Association		
806	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>monticola</i> / <i>dry herb complex</i>			81.100.19 Provisional Assoc	Jimerson 1999 (1994)	
807	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>monticola</i> / <i>Quercus vacciniifolia</i>			81.100.10 Association	Jimerson et al. 1995	
808	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>monticola</i> / <i>Rhododendron</i>			81.100.15 Association	Jimerson 1994	
809	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>monticola</i> / <i>Rhododendron</i>			81.100.38 Association	Jimerson 1999 (1994)	
810	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>monticola</i> / <i>Rhododendron</i>			81.100.37 Association	Jimerson 1999 (1994)	
811	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>monticola</i> / <i>Vaccinium</i>			81.100.17 Association	Simpson 1980	
812	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>monticola</i> / <i>wet herb complex</i>			81.100.18 Association	Jimerson 1999 (1994)	
813	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>Pseudotsuga menziesii</i> -			81.100.25 Association	Jimerson 1999 (1994)	
814	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>Pseudotsuga menziesii</i> -			81.100.26 Association	Jimerson 1999 (1994)	
815	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>Pseudotsuga menziesii</i> /			81.100.22 Association	Jimerson 1999 (1994)	
816	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>Pseudotsuga menziesii</i> / <i>Corylus</i>			*81.100.35 Association	Jimerson 1994 (1999 suppl)	
817	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>Pseudotsuga menziesii</i> / <i>Quercus</i>			81.100.02 Association	Jimerson et al. 1995	
818	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian Rainforest	<i>heterophylla</i> / <i>Chrysolepis</i>			81.100.20 Association	Jimerson 1999 (1994)	

819	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>heterophylla / Leucothoe davisiae</i>			81.100.24	Association	Jimerson 1999 (1994)	
820	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>heterophylla / Rhododendron</i>			81.100.21	Association	Jimerson 1999 (1994)	
821	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Gaultheria shallon</i>			81.100.05	Association	Jimerson et al. 1995	
822	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Quercus vaccinifolia</i> -			81.100.12	Association		
823	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Rhododendron macrophyllum</i> -			81.100.04	Association	Jimerson et al. 1995	
824	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Rhododendron occidentale</i>			81.100.01	Association	Jimerson et al. 1995	Simpson 1980, Stein 1980b, Uchytíl
825	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Rhododendron occidentale</i> -			81.100.11	Association		
826	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Picea sitchensis</i> (Sitka spruce)	Sitka spruce	G5 S2	83.200.00	Alliance		
827	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	Sitka Spruce Forest		G1 S1.1				
828	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	Sitka Spruce Grand Fir Forest		G4 S1.1				
829	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>heterophylla</i>			83.200.04	Association	Westman and Whittaker 1975	Zinke 1977
830	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>dilatatum</i>			83.200.01	Association	Imper and Sawyer 1987	Minore 1980, Sawyer 2007
831	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>munitum</i>			83.200.03	Association	Imper and Sawyer 1987	Minore 1980, Sawyer 2007
832	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Picea sitchensis / Rubus spectabilis</i>			83.200.02	Association	Imper and Sawyer 1987	Minore 1980, Sawyer 2007
833	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Pinus contorta var. contorta</i> (Beach)	Beach pine	G5 S3	87.060.00	Alliance	Barry 1989a	Barry 1989b, Barbour 2007, Cheatham
834	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	Beach Pine Forest		G4 S2.1				
835	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Pinus contorta var. contorta</i>			87.060.01	Association	cf. Green 1999	Griffin
836	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>sitchensis</i>			87.060.02	Association	Green 1999	
837	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Sequoia sempervirens</i> (Redwood)	Redwood	G3 S3	86.100.00	Alliance	Keeler-Wolf et al. 2003b	Evens and Kentner 2006
838	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	Upland Redwood Forest		G3 S2.3				
839	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Sequoia sempervirens</i>			86.100.04	Association	Borchert et al. 1988	
840	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>macrophyllum - Umbellularia</i>			86.100.14	Association		
841	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>macrophyllum / Polypodium</i>			86.100.01	Association	Borchert et al. 1988	
842	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>/ Rubus spectabilis</i>			86.100.29	Association	Mahoney 1999	
843	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	North Coast Alluvial Redwood Forest		G2 S2.2				
844	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>menziesii / Vaccinium ovatum</i>			86.100.15	Association		
845	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>chrysophylla / Arctostaphylos</i>			86.100.18	Association	Evens and Kentner 2006	Franklin 1988, Griffin and Critchfield
846	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>densiflorus / Carex globosa - Iris</i>			86.100.06	Association	Borchert et al. 1988	
847	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>densiflorus / Vaccinium ovatum</i>			86.100.16	Association	Keeler-Wolf et al. 2003a	Evens and Kentner 2006, Franklin 1988,
848	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Pseudotsuga menziesii -</i>			86.100.23	Association	Jimerson 1999	
849	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Pseudotsuga menziesii -</i>			86.100.20	Association	Keeler-Wolf et al. 2003a	Evens and Kentner 2006, Franklin 1988,
850	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Pseudotsuga menziesii / Arbutus</i>			86.100.10	Association	Matthews 1986a	Matthews 1986b, Noss 2000,
851	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Pseudotsuga menziesii / Gaultheria</i>			86.100.11	Association	Matthews 1986a	Matthews 1986b, Noss 2000,
852	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Pseudotsuga menziesii /</i>			86.100.26	Association	Lenihan 1990	
853	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Pseudotsuga menziesii / Vaccinium</i>			86.100.12	Association	Matthews 1986a	Matthews 1986b, Noss 2000,
854	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>heterophylla / Polystichum munitum</i>			86.100.28	Association	Lenihan 1990	
855	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>heterophylla / Rubus spectabilis</i>			86.100.30	Association	Mahoney 1999	
856	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>heterophylla / Vaccinium ovatum</i>			86.100.27	Association	Lenihan 1990	
857	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Umbellularia californica</i>			86.100.21	Association	Evens and Kentner 2006	Franklin 1988, Griffin and Critchfield
858	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>aquilinum) - Woodwardia fimbriata</i>			86.100.02	Association	Borchert et al. 1988	
859	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>menziesii</i>			86.100.09	Association	Lenihan 1990	
860	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>spicant</i>			86.100.07	Association	Lenihan 1990	
861	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>nervosa</i>			86.100.08	Association	Lenihan 1990	
862	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>fabaceus - Vicia angustifolia</i>			86.100.05	Association	Borchert et al. 1988	
863	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>oregana</i>			86.100.13	Association	Matthews 1986a	Matthews 1986b, Noss 2000,
864	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>munitum</i>			86.100.25	Association	Lenihan 1990	Taylor 1982, Veirs 1982, Zinke 1977
865	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>aquilinum</i>			86.100.24	Association	Lenihan 1990	
866	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>aquilinum - Trillium ovatum</i>			86.100.03	Association	Borchert et al. 1988	
867	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>Tsuga heterophylla</i> (Western)	Western	G5 S2	84.200.00	Alliance	NatureServe 2007a	Franklin 1988, Franklin and Dyrness
868	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	Western Hemlock Forest		G4 S1.1				
869	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	<i>menziesii - Chamaecyparis</i>			84.200.01	Association	Keeler-Wolf 1987f	Olson et al. 1990, Packee 1990, Roy
870	1. Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.b. Western North America	MG024. Vancouverian	Rainforest	Coastal Douglas Fir Western		G4 S2.1				
871	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian	Subalpine Forest	<i>Abies amabilis</i> (Pacific silver fir forest) Alliance	Pacific silver fir forest	G5 S1	88.800.00	Alliance	NatureServe 2007a	Cope 1992a
872	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian	Subalpine Forest	<i>Abies amabilis</i>			88.800.01	Association	Hunt 1976	Langer 1988, Lanner 1999, Parker 1988, Sawyer 2006, 2007, Skinner et al. 2006, NatureServe 2007a
873	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian	Subalpine Forest	<i>Abies magnifica</i> (Red fir forest) Alliance	Red fir forest		88.200.00	Alliance	Potter 1998	
874	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian	Subalpine Forest	Red Fir Forest		G4 S4				
875	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian	Subalpine Forest	<i>Abies magnifica</i>			88.200.23	Association	Potter 1994	

876	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> - <i>Pinus monticola</i>	88.200.30 Association	Potter 1998	Keeler-Wolf et al. 2003b, Laacke 1990b, Laacke and Fiske 1983a, Oosting and Billings 1943,
877	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> - <i>Tsuga mertensiana</i> / <i>Orthilia secunda</i>	88.200.15 Association	Jimerson 1993	Sawyer and Thornburgh 1977, Waddell 1982
878	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> - <i>Picea breweriana</i> / <i>Quercus sadleriana</i> - <i>Vaccinium membranaceum</i>	88.200.14 Association	Jimerson 1993	
879	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> - <i>Pinus contorta</i> / <i>Sphenosciadium capitellatum</i>	88.200.16 Association	Potter 2005	Rundel et al. 1977, Sawyer 2006, 2007
880	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> - <i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Hieracium albiflorum</i>	88.200.24 Association	Potter 1994	Potter 1998
881	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> - <i>Pinus monticola</i> - <i>Pinus contorta</i> ssp. <i>murrayana</i>	88.200.29 Association	Potter 1998	Potter 2005, Rundel et al. 1977, Sawyer 2006, 2007, Keeler-Wolf et al. 2003b
882	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> - <i>Pinus monticola</i> / <i>Quercus vaccinifolia</i>	88.200.43 Association	Keeler-Wolf et al. 2003b	
883	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> - (<i>Calocedrus decurrens</i>)	88.200.10 Association	Jimerson 1993	
884	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Achlys triphylla</i>	88.200.03 Association	Imper 1988a	Keeler-Wolf et al. 2003b
885	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Arctostaphylos nevadensis</i>	88.200.27 Association	Imperc 1988b	Simpson 1980, Sugihara et al. 2007, Taylor and Halpern 1991
886	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Chimaphila umbellata</i>	88.200.05 Association	Sawyer and Thornburgh 1977	Imper 1988b
887	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Leucothoe davisiae</i>	88.200.35 Association	Sawyer and Thornburgh 1977	
888	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Linnaea borealis</i>	88.200.37 Association	Sawyer and Thornburgh 1977	
889	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Lupinus albilfrons</i>	88.200.41 Association	Waddell 1982	
890	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Orthilia secunda</i>	88.200.11 Association	Jimerson 1993	Sawyer and Thornburgh 1977, Waddell 2982
891	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Penstemon gracilentus</i>	88.200.06 Association	Imper 1988b	
892	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Pinus contorta</i> ssp. <i>murrayana</i>	88.200.25 Association	Potter 1994	
893	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Pinus monticola</i> / <i>Arctostaphylos nevadensis</i>	88.200.28 Association	Potter 1994	Potter 1998

894	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Pinus monticola</i> / <i>Chrysolepis sempervirens</i>		88.200.31 Association	Potter 1994	Potter 1998	
895	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Pyrola picta</i>		88.200.13 Association	Sawyer and Thornburgh 1977	Jimerson 1993, Waddell 1982	
896	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Quercus sadleriana</i>		88.200.01 Association	Imper 1988a	Jimerson 1993, Simpson 1980, Sugihara et al. 2007, Taylor and Halpern 1991	
897	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Quercus sadleriana</i> - <i>Arctostaphylos nevadensis</i>		88.200.09 Association	Jimerson 1993		
898	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Quercus vacciniifolia</i>		88.200.36 Association	Sawyer and Thornburgh 1977		
899	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Rhododendron macrophyllum</i>		88.200.12 Association	Jimerson 1993		
900	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Vaccinium membranaceum</i>		88.200.02 Association	Imper 1988a		
901	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Abies magnifica</i> / <i>Wyethia mollis</i>		88.200.26 Association	Potter 1994	Potter 1998	
902	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Callitropsis nootkatensis</i> (Alaska yellow-cedar stands) Alliance	Alaska yellow-cedar stands	G4 S1	81.200.00 Alliance	Sawyer and Thornburgh 1977	Antos and Zobel 1984, Franklin 1988, Griffith 1992a, Griffin and Critchfield 1972, Harris 1990a, Sawyer 2006, 2007
903	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus contorta</i> ssp. <i>Murrayana</i> (Lodgepole pine forest) Alliance	Lodgepole pine forest	G4 S4	87.080.00 Alliance	Potter 1994	Keeler-Wolf et al 2003b
904	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	Lodgepole Pine Forest		G4 S4		Keeler-Wolf et al. 2003b, Keeley 1981, Klein and Evens 2005, Koch 1995, Lotan and Critchfield 1990, Minnich 1976, Parker 1986, Paysen et al. 1980, Pfister and McDonald 1980, Potter 1998,	
905	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus contorta</i> ssp. <i>murrayana</i>		87.080.01 Association	Potter 1994		
906	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus contorta</i> ssp. <i>murrayana</i> - <i>Pinus albicaulis</i> / <i>Carex filifolia</i>		87.080.17 Association	Keeler-Wolf et al. 2003b		
907	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	Whitebark Pine Lodgepole Pine Forest		G4 S4			
908	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus contorta</i> ssp. <i>murrayana</i> - <i>Pinus albicaulis</i> / <i>Carex rossii</i>		87.080.11 Association	Keeler-Wolf et al. 2003b	Keeley 1981	
909	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Artemisia tridentata</i>		87.080.02 Association	Potter 1994	Keeler-Wolf et al 2003b, Potter 2005	
910	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Carex filifolia</i>		87.080.10 Association	Keeler-Wolf et al. 2003b	Keeley 1981	

911	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Carex rossii</i>	87.080.06 Association	Taylor 1984	Keeler-Wolf et al. 2003b		
912	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Carex</i> spp.	87.080.13 Association	Potter 2005			
913	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus contorta</i> ssp. <i>Murrayana</i> / <i>Cistanthe umbellata</i>	87.080.05 Association	Taylor 1980			
914	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Ligusticum grayi</i>	87.080.03 Association	Potter 1994			
915	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Penstemon newberryi</i>	87.080.12 Association	Keeler-Wolf et al. 2003b	Keeley 1981, Taylor 1984		
916	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Rhododendron neoglandulosum</i>	87.080.08 Association	Taylor 1984	Keeler-Wolf et al. 2003b, Potter 2005		
917	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Rhododendron neoglandulosum</i> - <i>Phyllodoce breweri</i>	87.080.14 Association	Potter 2005			
918	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Thalictrum fendleri</i>	87.080.07 Association	Taylor 1984			
919	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Vaccinium caespitosum</i>	87.080.15 Association	Potter 2005			
920	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Vaccinium uliginosum</i>	87.080.09 Association	Keeler-Wolf et al. 2003b	Keeley 1981		
921	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Vaccinium uliginosum</i> - <i>Rhododendron neoglandulosum</i>	87.080.16 Association	Potter 2005			
922	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus monticola</i> (Western white pine forest) Alliance	G5 S4 (some associations are of high priority for inventory)	87.170.00 Alliance	Keeler-Wolf et al. 2003b	Barry 1989a,1989b, Boyd 1980b, Cheatham and Haller 1975	
923	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus monticola</i> - <i>Pinus contorta</i> ssp. <i>contorta</i> / <i>Lithocarpus densiflorus</i> var. <i>echinoides</i>			87.170.01 Association	Duebendorfer 1987	Fites-Kaufman et al. 2007, Graham 1990, Griffin and Critchfield 1972, Griffith 1992c, Jimerson et al. 1995, Keeler-Wolf 1986e
924	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus monticola</i> - <i>Pinus contorta</i> var. ssp. <i>Murrayana</i>			87.170.07 Association	Keeler-Wolf et al. 2003b	Kruckeberg 1984, Sawyer 2006, 2007
925	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus monticola</i> - <i>Pseudotsuga menziesii</i> / <i>Quercus vaccinifolia</i> - <i>Lithocarpus densiflorus</i> var. <i>echinoides</i>			87.170.08 Association	Jimerson et al. 1995	
926	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus monticola</i> / <i>Achnatherum occidentale</i>			87.170.06 Association	Keeler-Wolf et al. 2003b	Kruckeberg 1984, Sawyer 2006, 2007
927	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus monticola</i> / <i>Angelica arguta</i>			87.170.04 Association	Whipple and Cope 1979	
928	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus monticola</i> / <i>Holodiscus discolor</i>			87.170.02 Association	Sawyer and Thornburgh 1977	

929	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Pinus monticola</i> / <i>Xerophyllum tenax</i>		87.170.03 Association	Simpson 1980	van Wagtendonk and Fites-Kaufman 2007	
930	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	Ultramafic White Pine Forest		G3 S3.2			
931	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Tsuga mertensiana</i> (Mountain hemlock forest) Alliance	Mountain hemlock forest	G5 S4	84.100.00 Alliance	NatureServe 2007a Serve 2007a	Keeler-Wolf et al. 2003b
932	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Tsuga mertensiana</i>			84.100.04 Association	Potter 1998	Keeler-Wolf et al. 2003b, Means 1990
933	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Tsuga mertensiana</i> - <i>Pinus contorta</i> ssp. <i>murrayana</i>			84.100.15 Association	Keeler-Wolf et al. 2003b	Means 1990
934	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Tsuga mertensiana</i> - <i>Pinus contorta</i> var. <i>murrayana</i> - <i>Pinus monticola</i>			84.100.11 Association	Parker 1988	Keeler-Wolf et al. 2003b, Means 1990
935	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Tsuga mertensiana</i> - <i>Pinus monticola</i>			84.100.10 Association	Keeler-Wolf et al. 2003b	
936	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Tsuga mertensiana</i> / <i>Arnica cordifolia</i>			84.100.09 Association	Taylor 1984	Tesky 1992f
937	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Tsuga mertensiana</i> / <i>Juncus parryi</i>			84.100.02 Association	Imper 1988a	
938	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Tsuga mertensiana</i> / <i>Phyllodoce empetriformis</i>			84.100.01 Association	Imper 1988a	Sawyer and Thornburgh 1977
939	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Tsuga mertensiana</i> / <i>Pyrola picta</i>			84.100.08 Association	Sawyer and Thornburgh 1977	
940	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Tsuga mertensiana</i> / <i>Quercus sadleriana</i>			84.100.03 Association	Jimerson 1993	
941	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Tsuga mertensiana</i> / <i>Quercus vaccinifolia</i>			84.100.07 Association	Sawyer and Thornburgh 1977	
942	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.b. Western North America Cool Temperate Forest	MG025. Vancouverian Subalpine Forest	<i>Tsuga mertensiana</i> / <i>steep</i>			84.100.14 Association	Parker 1988	
943	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.c. North American Intermountain Basins Scrub Woodland	MG026. Intermountain Basins Pinyon–Juniper Woodland	Great Basin Woodlands		G4 S4			
944	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.c. North American	MG026. Intermountain Basins	<i>Juniperus grandis</i> (Mountain juniper)	Mountain	G4 S4	89.200.00 Alliance	Keeler-Wolf et al. 2003b	Adams 1975, Barbour 1988, Dealy 1990,
945	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.c. North American	MG026. Intermountain Basins	<i>Juniperus grandis</i>			89.200.01 Association	Potter 1998	Keeler-Wolf et al. 2003b, R. Martin 1980,
946	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.c. North American	MG026. Intermountain Basins	<i>ledifolius</i> / <i>Artemisia tridentata</i>			89.200.03 Association	Keeler-Wolf et al. 2003b	R. Martin 1980, Minnich 2007, Minnich
947	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.c. North American	MG026. Intermountain Basins	<i>nevadensis</i>			89.200.05 Association	Potter 1998	Keeler-Wolf et al. 2003b, R. Martin 1980,
948	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.c. North American	MG026. Intermountain Basins	<i>tridentata</i>			89.200.02 Association	Potter 1998	Keeler-Wolf et al. 2003b, R. Martin 1980,
949	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.c. North American	MG026. Intermountain Basins	<i>discolor</i>			89.200.04 Association	Potter 1998	Keeler-Wolf et al. 2003b, R. Martin 1980,
950	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.c. North American	MG026. Intermountain Basins	<i>Juniperus osteosperma</i> (Utah juniper)	Utah juniper	G5 S3	89.300.00 Alliance	Thomas et al. 2004	
951	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.c. North American	MG026. Intermountain Basins	Great Basin Juniper Woodland and Mojavean Juniper Woodland and		G4 S4			
952	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.c. North American	MG026. Intermountain Basins			G4 S4			
953	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.c. North American	MG026. Intermountain Basins	<i>Juniperus osteosperma</i>			89.300.01 Association	Keeler-Wolf and Thomas	Meeuwig and Bassett 1983, Reid et al.
954	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.c. North American	MG026. Intermountain Basins	<i>dumosa</i>			89.300.07 Association	Keeler-Wolf and Thomas	Meeuwig and Bassett 1983, Reid et al.
955	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.c. North American	MG026. Intermountain Basins	<i>tridentata</i> - <i>Ephedra viridis</i>			89.300.02 Association	Keeler-Wolf and Thomas	Meeuwig and Bassett 1983, Reid et al.
956	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.c. North American	MG026. Intermountain Basins	<i>tridentata</i> - <i>Purshia glandulosa</i> -			89.300.03 Association	Keeler-Wolf and Thomas	Meeuwig and Bassett 1983, Reid et al.
957	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.c. North American	MG026. Intermountain Basins	<i>confertifolia</i> - (<i>Tetradymia axillaris</i>)			89.300.06 Association	Keeler-Wolf and Thomas	Meeuwig and Bassett 1983, Reid et al.
958	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.2. Cool Temperate Forest	1.C.2.c. North American	MG026. Intermountain Basins	<i>ramosissima</i> / (<i>Achnatherum</i>			89.300.08 Association	Keeler-Wolf and Thomas	Meeuwig and Bassett 1983, Reid et al.

959	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>ramosissima / Pleuraphis jamesii</i>				89.300.09 Association	Keeler-Wolf and Thomas	Meeuwig and Bassett 1983, Reid et al.	
960	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>nevadensis / Achnatherium</i>				89.300.11 Association	Keeler-Wolf and Thomas	Meeuwig and Bassett 1983, Reid et al.	
961	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>fasciculatum</i>				89.300.04 Association	Keeler-Wolf and Thomas	Meeuwig and Bassett 1983, Reid et al.	
962	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>microcephala</i>				89.300.05 Association	Keeler-Wolf and Thomas	Meeuwig and Bassett 1983, Reid et al.	
963	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>baccata</i>				89.300.10 Association	Keeler-Wolf and Thomas	Meeuwig and Bassett 1983, Reid et al.	
964	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>Pinus edulis</i> (Two-needle pinyon	Two-needle	G4 S2?		87.050.00 Special Stands	Griffin and Critchfield 1972	Meeuwig and Bassett 1983, Reid et al. Anderson 2002b, Bailey 1987, des	
965	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>Pinus monophylla</i> (Singleleaf pinyon	Singleleaf	G5 S4		87.040.00 Alliance	Keeler-Wolf et al. 1998b	Thomas et al. 2004	
966	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	Mojavean Pinon Woodland				G4 S3.2			
967	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	Peninsular Pinon Woodland				G3 S3.2			
968	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	Great Basin Pinon Juniper				G4 S4			
969	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	Great Basin Pinon Woodland				G3 S3.2			
970	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>californica / Achnatherum</i>				87.040.14 Association	Keeler-Wolf et al. 2005		
971	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>californica / Quercus cornelius-</i>				87.040.18 Association	Keeler-Wolf and Thomas	Keeler-Wolf et al. 2005	
972	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>osteosperma / Artemisia tridentata</i>				87.040.16 Association	Keeler-Wolf and Thomas		
973	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>osteosperma / Cercocarpus</i>				87.040.17 Association	Keeler-Wolf and Thomas		
974	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>tridentata</i>				87.040.02 Association	Keeler-Wolf and Thomas	Meeuwig and Bassett 1983, Meeuwig et	
975	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>tridentata / Elymus elymoides</i>				87.040.15 Provisional Assoc	Keeler-Wolf et al. 2003b		
976	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>ledifolius / Artemisia tridentata -</i>				87.040.12 Association	Keeler-Wolf et al. 2003b		
977	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>Pinus monophylla / Ephedra viridis</i>				87.040.03 Association	Keeler-Wolf and Thomas	Meeuwig and Bassett 1983, Meeuwig et	
978	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>flavescens</i>				87.040.05 Association	Evens 2000	Griffin and Critchfield 1972	
979	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>californica / Artemisia tridentata -</i>				87.040.06 Association	Keeler-Wolf and Thomas		
980	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>osteosperma / Artemisia nova</i>				87.040.07 Association	Keeler-Wolf and Thomas		
981	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>osteosperma / Purshia mexicana</i>				87.040.13 Association	Keeler-Wolf et al. 2003b		
982	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>fasciculata - Rhus trilobata</i>				87.040.10 Association	Keeler-Wolf and Thomas		
983	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>cornelius - mulleri / Nama californica</i>				87.040.09 Association	Keeler-Wolf et al. 2003b		
984	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>Pinus monophylla / Ribes velutinum</i>				87.040.11 Association	Keeler-Wolf et al. 2003b		
985	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>rotundifolia - Ribes velutinum</i>				87.040.04 Association	Keeler-Wolf and Thomas		
986	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>Juniperus occidentalis</i> (Western	Western	G5 S4		89.400.00 Alliance	NatureServe 2007a	Hickson et al. 2007	
987	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	Northern Juniper Woodland				G4 S4			
988	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>rotundifolia - Ribes velutinum</i>				87.040.04 Association	Keeler-Wolf and Thomas		
989	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>Juniperus occidentalis</i>				89.400.02 Association	cf. Vasek 1966	Thorne et al. 2007, Tirmenstein 1999g,	
990	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>jeffreyi / (Purshia tridentata) -</i>				89.400.03 Association	Hickson et al. 2007	Hickson et al. 2008, R. Martin 1980,	
991	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.c. North American	MG026. Intermountain Basins	<i>arbuscula</i>				89.400.04 Association	Hickson et al. 2007	Hickson et al. 2008, R. Martin 1980,	
992	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.x. North American	MG027. Introduced North American	<i>camaldulensis</i> (Eucalyptus groves)	Eucalyptus			79.100.00 Semi-natural Star	cf. Evens and San 2005	Klein and Evens 2005, Keeler-Wolf and	
993	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.x. North American	MG027. Introduced North American	<i>Myoporum laetum</i> (Pepper tree or	Pepper tree or			79.200.00 Semi-natural Star	cf. Keeler-Wolf and Evens	DiTomaso and Healey 2007, (Stillwater	
994	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.x. North American	MG027. Introduced North American	<i>Myoporum laetum / Arundo donax</i>				79.200.01 Association	Stillwater Sciences and URS	Wagner et al. 1999	
995	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.x. North American	MG027. Introduced North American	<i>Schinus mole</i>				79.200.02 Association	Keeler-Wolf and Evens 2006		
996	1.	Mesomorphic	1.C. Temperate	1.C.2. Cool Temperate	1.C.2.x. North American	MG027. Introduced North American	<i>squamatum</i>				79.200.03 Association	Stillwater Sciences and URS		
997	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG031. Western cool temperate	Freshwater Swamp				G2 S2.2			
998	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG031. Western cool temperate	<i>Cornus sericea</i> (Red osier thickets)	Red osier			G4 S3?	80.100.00 Alliance	S. Smith 1998	Crane 1989a, Potter 2003
999	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG031. Western cool temperate	<i>Cornus sericea</i>				80.100.02 Association	S. Smith 1998		
1000	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG031. Western cool temperate	<i>Cornus sericea - Salix exigua</i>				80.100.03 Association	Hickson and Keeler-Wolf		
1001	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG031. Western cool temperate	<i>Cornus sericea - Salix lasiolepis</i>				80.100.04 Association	Hickson and Keeler-Wolf		
1002	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG031. Western cool temperate	<i>triangularis</i>				80.100.01 Association	Potter 2005		
1003	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	Montane Riparian Scrub				G4 S4			
1004	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	Modoc Great Basin Riparian Scrub				G3 S2.1			
1005	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Betula occidentalis</i> (Water birch	Water birch			G4 S2	63.610.00 Alliance	NatureServe 2007a	Uchtyl 19889f
1006	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	Water Birch Riparian Scrub				G? SNR			
1007	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Betula occidentalis / Salix spp.</i>				63.610.01 Association	Holstein 1984	Harris 1988, Manning and Padgett 1995,	
1008	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Rosa woodsii</i> (Interior rose thickets)	Interior rose			G5 S3	63.320.00 Provisional Allian	S. Smith 1998	
1009	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix lutea</i> (Yellow willow thickets)	Yellow willow			G4 S3?	61.210.00 Alliance	Manning and Padgett 1995	
1010	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix lutea / mesic forbs</i>				61.210.01 Association	Manning and Padgett 2005		
1011	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix lutea / mesic graminoids</i>				61.210.02 Association	Manning and Padgett 2005		
1012	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix lutea / Poa pratensis</i>				61.210.03 Association	Manning and Padgett 2005		
1013	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix lutea/ Rosa woodsii</i>				61.210.04 Association	Manning and Padgett 2005		
1014	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Acer glabrum</i> (Rocky Mountain	Rocky			G5 S3?	61.430.00 Provisional Allian	Kagan et al. 2000	Anderson 2001a, Nesom 2000.
1015	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus incana</i> (Mountain alder	Mountain			G4 S3	63.210.00 Alliance	Brayshaw 1976	Hansen et al. 1988
1016	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus incana</i>				63.210.01 Association	Potter 2005	Reid et al. 1999	
1017	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus incana / Glyceria elata</i>				63.210.02 Association	S. Smith 1998	Uchtyl 1989b	
1018	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus incana / bench</i>				63.210.03 Association	Manning and Padgett 1995		
1019	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus viridis</i> (Sitka alder thickets)	Sitka alder			G5 S3?	63.220.00 Provisional Allian		
1020	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Betula glandulosa</i> (Resin birch	Resin birch			G5 S2?	63.620.00 Provisional Allian	S. Smith 1998	Furlow 1997
1021	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Dasiphora fruticosa</i> (Shrubby	Shrubby			G5 S3?	38.110.00 Alliance	Anderson 2001d	Keeler-Wolf et al. 2003b
1022	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Dasiphora fruticosa</i>				38.110.01 Association	Burke 1982	Johnston 1987	
1023	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>intermedia</i>				38.110.02 Association	Keeler-Wolf et al. 2003b		
1024	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>unispicata</i>				38.110.04 Association	Taylor 1984	Youngblood et al. 1985	
1025	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>breweri</i>				38.110.03 Association	Major and Taylor 1977	Sawyer and Keeler-Wolf 2007	
1026	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>californicum</i>				38.110.05 Association	S. Smith 1998		
1027	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix bebbiana</i> (Bebb's willow	Bebb's willow			G4 S2?	61.213.00 Alliance	S. Smith 1998	Tesky 1992d
1028	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix bebbiana / mesic forb type</i>				61.213.01 Association	S. Smith 1998	Tesky 1992d	
1029	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix eastwoodiae</i> (Sierran willow	Sierran willow			G3 S3	61.112.00 Alliance	Keeler-Wolf and Moore 2001	
1030	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix eastwoodiae</i>				61.112.01 Association	Keeler-Wolf and Moore 2001		
1031	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>scopulorum</i>				61.112.02 Association	Manning and Padgett 1995		
1032	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>alpigenum</i>				61.112.03 Association	Potter 2005	Keeler-Wolf et al. 2003b	
1033	1.	Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>triangularis</i>				63.160.02 Association	Major and Taylor 1977		

1034	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix geyeriana</i> (Geyer willow	Geyer willow	G4 S2?	61.212.00 Alliance	S. Smith 1998	
1035	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix geyeriana</i> / grass			61.212.01 Association	S. Smith 1998	Uchtyl 1991e, Weixelman et al. 1999
1036	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix geyeriana</i> / mesic graminoid			61.212.02 Association	Manning and Padgett 1995	Potter 2005, Smith 1998, Uchtyl 1991e,
1037	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix jepsonii</i> (Jepson willow	Jepson willow	G3 S3	61.118.00 Alliance	Potter 2005	
1038	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix jepsonii</i>			61.118.01 Association	Nachlinger 1992	
1039	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix jepsonii</i> - <i>Cornus sericea</i>			61.118.04 Association	Potter 2005	
1040	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix jepsonii</i> - <i>Paxistima myrsinites</i>			61.118.03 Association	Taylor and Teare 1979a	
1041	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix jepsonii</i> / <i>Senecio triangularis</i>			61.118.02 Association	Potter 2005	
1042	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix lemmonii</i> (Lemmon's willow	Lemmon's	G4 S3	61.113.00 Alliance	Keeler-Wolf and Moore 2001	Potter 2005
1043	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix lemmonii</i>			61.113.01 Provisional Assoc	Keeler-Wolf and Moore 2001	
1044	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix lemmonii</i> / <i>Carex</i> spp.			61.113.02 Association	Potter 2005	
1045	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix lemmonii</i> / mesic forb			61.113.04 Association	Manning and Padgett 1995	S. Smith 1998, Uchtyl 1989h, Weixelman
1046	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix lemmonii</i> / mesic graminoid			61.113.03 Association	Manning and Padgett 1995	S. Smith 1998, Uchtyl 1989h, Weixelman
1047	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix lemmonii</i> / <i>Urtica dioica</i>			61.204.01 Association	Vaghti 2003	
1048	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix orestera</i> (Sierra gray willow	Sierra gray	G4 S4	61.115.00 Alliance	Taylor 1984	Manning and Padgett 1995, Cheng 2004,
1049	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix orestera</i> / <i>Allium validum</i>			63.160.03 Association	Taylor 1984	Keeler-Wolf et al. 2003b, Major and
1050	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix orestera</i> / <i>Senecio triangularis</i>			61.115.01 Association	Taylor 1984	Keeler-Wolf et al. 2003b, Major and
1051	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix orestera</i> / tall forb			61.115.02 Association	Taylor 1984	Keeler-Wolf et al.2003b, Major and Taylor
1052	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix orestera</i> / tall forb			61.115.03 Association	Manning and Padgett 1995	
1053	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix planifolia</i> (Tea-leaved willow	Tea-leaved	G4 S2?	61.119.00 Provisional Allian	Keeler-Wolf et al. 2003b	Keeler-Wolf and Keeler-Wolf 1981,
1054	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix planifolia</i>			61.119.01 Provisional Assoc	Keeler-Wolf et al. 2003b	
1055	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	North Coast Riparian Scrub		G3 S3.2			
1056	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Morella californica</i> (Wax myrtle	Wax myrtle	G3 S3	37.930.00 Alliance	Keeler-Wolf et al. 2001	
1057	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Morella californica</i>			37.930.01 Association	Keeler-Wolf et al. 2001	
1058	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix hookeriana</i> (Coastal dune	Coastal dune	G4 S3	61.203.00 Alliance	Cheatham and Haller 1975	us 1997, Barry 1989a, 1989b, Brayshaw
1059	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix hookeriana</i>			61.203.01 Association	Duebendorfer 1989	Hitchcock et al. 1961
1060	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix hookeriana</i> / <i>Rubus ursinus</i>			61.203.02 Association	Imper et al. 1987	Paysen et al. 1980, 1982, Pickart and
1061	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix sitchensis</i> (Sitka willow	Sitka willow	G4 S3?	61.206.00 Provisional Allian	Brayshaw 1976	Paysen et al. 1980, Shanfield 1984
1062	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus rhombifolia</i> (White alder	White alder	G4 S4	61.420.00 Alliance	Keeler-Wolf et al. 2003b	Potter 2005, Klein et al. 2007
1063	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	White Alder Riparian Forest		G4 S4			
1064	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus rhombifolia</i>			61.420.10 Association	Klein and Evens 2006	
1065	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus rhombifolia</i> <i>macrophyllum</i>			61.420.03 Association	Stuart et al. 1992	
1066	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus rhombifolia</i> - <i>Fraxinus latifolia</i>			61.420.28 Association	Potter 2005	
1067	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus rhombifolia</i> - <i>Fraxinus latifolia</i>			61.420.11 Association	Klein and Evens 2005	Keeler-Wolf and Evens 2006, Evens,
1068	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	Southern Sycamore Alder Riparian		G4 S4			
1069	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>racemosa</i> - <i>Quercus chrysolepis</i>			61.420.12 Association	Evens and San 2005	Faber et al. 1989
1070	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>racemosa</i> - <i>Salix laevigata</i>			61.420.15 Association	Potter 2005	Klein et al. 2007
1071	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>menziesii</i>			61.420.29 Association	Keeler-Wolf et al. 2003b	
1072	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>menziesii</i> - <i>Calocedrus decurrens</i>			61.420.31 Association	cf. Potter 2005	
1073	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>menziesii</i> / <i>Darmera peltata</i>			61.420.30 Association	cf. Fites 1993	Griffin and Critchfield 1972, Hanes 1976
1074	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>menziesii</i> / <i>Rubus armeniacus</i>			61.420.04 Association	Stuart et al. 1992	
1075	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>chrysolepis</i>			61.420.22 Association	Klein et al. 2007	
1076	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus rhombifolia</i> - <i>Salix laevigata</i>			61.420.13 Association	Potter 2005	Klein et al. 2007
1077	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus rhombifolia</i> / <i>Aruncus dioicus</i>			61.420.02 Association	Jimerson 1993	Keeler-Wolf 1990d
1078	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>salicifolia</i>			61.420.09 Association	S. White 1994a	
1079	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus rhombifolia</i> / <i>Carex nudata</i>			61.420.24 Association	Lee 2004	McBride 1994, Minnich 1976, Paysen et
1080	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus rhombifolia</i> / <i>Carex</i> spp			61.420.23 Association	Potter 2005	Klein et al. 2007
1081	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus rhombifolia</i> / <i>Cornus sericea</i>			61.420.07 Association	Taylor and Teare 1979b	Hickson and Keeler-Wolf 2007, Holstein
1082	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus rhombifolia</i> / <i>Cornus sessilis</i>			61.420.06 Association	Taylor and Teare 1979a	Uchtyl 1989b, Vogl 1976
1083	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus rhombifolia</i> / <i>Darmera peltata</i>			61.420.05 Association	Taylor 1975a, b	Potter 2003, Chambers 2003, Potter
1084	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Alnus rhombifolia</i> / <i>Galium trifolium</i>			61.420.08 Association	Taylor and Teare 1979a	
1085	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Stachys ajugoides</i>			61.420.26 Association	Chambers 2003	
1086	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>davisiae</i>			61.420.21 Association	Minnich 1976	Paysen et al. 1980, Lee 2004, McBride
1087	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>californicum</i>			61.420.01 Association	Borchert et al. 2000	Bowler 1989, Boyd et al. 1995, Capelli
1088	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>aquilinum</i>			61.420.27 Association	Lee 2004	McBride 1994, Minnich 1976, Paysen et
1089	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>occidentale</i>			61.420.17 Association	Potter 2005	
1090	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	(<i>Rosa californica</i>)			61.420.18 Association	Potter 2005	Klein et al. 2007, Hickson and Keeler-
1091	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Fraxinus latifolia</i> (Oregon ash	Oregon ash	G4 S3	61.960.00 Alliance	Keeler-Wolf and Vaghti 2000	
1092	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Fraxinus latifolia</i>			61.960.04 Association	Keeler-Wolf and Vaghti 2000	Hickson and Keeler-Wolf 2007
1093	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Fraxinus latifolia</i> - <i>Alnus rhombifolia</i>			61.960.02 Association	Potter 2005	Klein et al. 2007, Owston 1990
1094	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Fraxinus latifolia</i> / <i>Cornus sericea</i>			61.960.03 Association	S. Smith 1998	Vaghti and Greco 2007
1095	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>diversilobum</i>			61.960.01 Association	Potter 2005	
1096	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Populus trichocarpa</i> (Black	Black	G5 S3	61.120.00 Alliance	Potter 2005	
1097	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	Montane Black Cottonwood Riparian		G4 S3.2			
1098	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	North Coast Black Cottonwood		G1 S1.1			
1099	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Populus trichocarpa</i>			61.120.01 Association	cf. Manning and Padgett 1995	Keeler-Wolf et al. 2003b
1100	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Populus trichocarpa</i> - <i>Pinus jeffreyi</i>			61.120.03 Association	Keeler-Wolf et al. 2003b	
1101	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>agrifolia</i>			61.120.08 Association	Stillwater Sciences and URS	Stillwater Sciences 2007a, Roberts 1984,
1102	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Populus trichocarpa</i> - <i>Salix laevigata</i>			61.120.09 Association	Stillwater Sciences and URS	Stillwater Sciences 2007a, Roberts 1984,
1103	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>lasiolepis</i>			61.120.10 Association	Stillwater Sciences and URS	Stillwater Sciences 2007a, Roberts 1984,
1104	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Populus trichocarpa</i> - <i>Salix lucida</i>			61.120.11 Association	Stillwater Sciences and URS	Stillwater Sciences 2007a, Roberts 1984,
1105	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>tridentata</i> ssp. <i>vaseyana</i>			61.120.04 Association	S. Smith 1998	
1106	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Rhododendron occidentale</i>			61.120.07 Provisional Assoc	Keeler-Wolf et al. 2003b	
1107	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Symphoricarpos rotundifolius</i>			61.120.05 Association	S. Smith 1998	
1108	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Populus</i> / <i>Salix</i>			61.120.06 Association	cf. Manning and Padgett 1995	McBride 1994

1109	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix lucida</i> (Shining willow groves)	Shining willow	G4 S3	61.204.00 Alliance	Keeler-Wolf et al. 2003a	Hickson and Keeler-Wolf 2007, Potter
1110	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix lucida</i> / <i>Poa pratensis</i>			61.204.02 Association	S. Smith 1998	Uchytel 1989f
1111	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Salix lucida ssp. lasiandra</i>			61.204.03 Association	Keeler-Wolf et al. 2003a	
1112	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>sericea</i>			61.204.04 Association	Hickson and Keeler-Wolf	Holstein 1984
1113	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>Equisetum arvense</i>			61.204.05 Association	Potter 2005	
1114	1. Mesomorphic	1.C. Temperate	1.C.3. Temperate Flooded	1.C.3.b. Western North America	MG034. Western Cordilleran	<i>longipes</i>			61.204.06 Association	S. Smith 1998	Uchytel 1989f
1115	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest		Mojave Riparian Forest		G1 S1.1		
1116	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest		Great Valley Willow Scrub		G3 S3.2		
1117	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest		Southern Mixed Riparian Forest		G2 S2.1		
1118	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest		Southern Riparian Forest		G4 S4		
1119	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest		Southern Riparian Scrub		G3 S3.2		
1120	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest		Southern Willow Scrub		G3 S2.1		
1121	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Acer negundo</i> (Box-elder forest)	Box-elder forest	G5 S2	61.440.00 Alliance	Stillwater Sciences 2001	Hickson and Keeler-Wolf 2007, Hosner 1960
1122	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Acer negundo</i> - <i>Salix gooddingii</i>			61.440.01 Association	Maeglin and Ohmann 1973	Hickson and Keeler-Wolf 2007, Overton 1990, Rosario 1988, Vaghti and Greco 2007
1123	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Juglans hindsii</i> and <i>Hybrids</i> (Hinds's walnut and related stands)	Hinds's walnut and related stands	G1 S1	61.810.00 Special Stands	Hickson and Keeler-Wolf 2007	Aradhya et al. 2005, Griffin and Critchfield 1972, Holstein 1984, Thomsen 1963, Vaghti and Greco 2007
1124	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest		Hinds Walnut Woodland		G1 S1.1 G3 S3 (some associations are of high priority for inventory)		
1125	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Platanus racemosa</i> (California sycamore woodlands)	California sycamore woodlands		61.310.00 Alliance	Keeler-Wolf et al. 1997	Barry 1989a, 1989b
1126	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Platanus racemosa</i> - <i>Populus fremontii</i>			61.314.01 Association	Stillwater Sciences and URS 2007	Sullivan1994, Thompson 1961, Thorne 1976, Vogl 1976
1127	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Platanus racemosa</i> - <i>Populus fremontii</i> / <i>Salix lasiolepis</i>			61.314.03 Association	Evens and San 2005	Faber et al. 1989, Griffin and Critchfield 1972, Hanes 1976, Holland 1986, Holstein 1984, Klein and Evens 2005, Minnich 1976
1128	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest		Central Coast Cottonwood Sycamore Riparian Forest		G3 S3.2		
1129	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Platanus racemosa</i> - <i>Populus fremontii</i> / <i>Salix lasiolepis</i> - <i>Salix exigua</i> / <i>Scirpus americanus</i>			61.314.02 Association	Klein and Evens 2005	Minnich 1995
1130	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Platanus racemosa</i> - <i>Quercus agrifolia</i>			61.312.01 Association	Keeler-Wolf et al. 1997	Keeler-Wolf and Evens 2006, Stillwater Sciences and URS 2007, Sullivan1994, Thompson 1961, Thorne 1976, Vogl 1976

1131	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Platanus racemosa</i> - <i>Quercus agrifolia</i> - <i>Populus fremontii</i> - <i>Salix laevigata</i>	61.312.06 Association	Evens and San 2004		
1132	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Platanus racemosa</i> - <i>Quercus agrifolia</i> - <i>Salix lasiolepis</i>	61.312.03 Association	Keeler-Wolf and Evens 2006		
1133	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Platanus racemosa</i> - <i>Quercus agrifolia</i> / <i>Baccharis salicifolia</i> / <i>Artemisia douglasiana</i>	61.312.04 Association	Keeler-Wolf and Evens 2006		
1134	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Platanus racemosa</i> - <i>Salix laevigata</i>	61.312.07 Association	White 1994a	Stillwater Sciences and URD 2007	
1135	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Platanus racemosa</i> - <i>Salix laevigata</i> / <i>Salix lasiolepis</i> - <i>Baccharis salicifolia</i>	61.312.05 Association	Klein and Evens 2006		
1136	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Platanus racemosa</i> / <i>Adenostoma fasciculatum</i>	61.313.03 Association	Bendix 1994	Boyd et al. 1995, Bowler 1989 Capelli and Stanley 1984, Cheatham and Haller 1975, Evens and San 2005, Keeler-Wolf and Evens 2006, Stillwater Sciences and URS 2007, White 1994a, and others, see MCVII.	
1137	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Platanus racemosa</i> / annual grass	61.311.03 Association	Campbell 1980		
1138	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	Sycamore Alluvial Woodland	G1 S1.1			
1139	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Platanus racemosa</i> / <i>Avena barbata</i>	61.311.01 Association	Keeler-Wolf et al. 1997	Evens and San 2005	
1140	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Platanus racemosa</i> / <i>Baccharis salicifolia</i>	61.313.01 Association	Keeler-Wolf et al. 1997		
1141	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Platanus racemosa</i> / <i>Bromus hordeaceus</i>	61.311.02 Association	Keeler-Wolf et al. 1997		
1142	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Platanus racemosa</i> / <i>Toxicodendron diversilobum</i>	61.313.02 Association	Potter 2005		
1143	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> (Fremont cottonwood forest) Alliance	Fremont cottonwood forest G4 S3	61.130.00 Alliance	Keeler-Wolf et al. 1998b	Thomas et al. 2004, Potter 2005, Evens and San 2005, Klein and Evens 2005, cf. Stillwater Sciences and URS 2007
1144	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	Modoc Great Basin Cottonwood Willow Riparian Forest	G3 S2.1			
1145	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	Sonoran Cottonwood Willow Riparian Forest	G2 S1.1			
1146	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	Great Valley Cottonwood Riparian Forest	G2 S2.1			
1147	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	Great Valley Mixed Riparian Forest	G2 S2.2			
1148	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	Southern Cottonwood Willow Riparian Forest	G3 S3.2			

1149	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i>	61.130.06 Association	Vaghti 2003	
1150	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> - <i>Juglans californica</i>	61.130.18 Association	Stillwater Sciences and URS 2007	
1151	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> - <i>Prosopis pubescens</i>	61.130.19 Association	Keeler-Wolf et al. 1998b	Evens ans San 2005
1152	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> - <i>Quercus agrifolia</i>	61.130.20 Association	Stillwater Sciences and URS 2007	
1153	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> - <i>Salix (laevigata, lasiolepis, lucida ssp. lasiandra)</i>	61.130.24 Association	Stillwater Sciences and URS 2007	
1154	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> - <i>Salix gooddingii</i> / <i>Baccharis salicifolia</i>	61.130.14 Association	Evens and San 2005	
1155	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> - <i>Salix laevigata</i>	61.130.15 Association	Evens and San 2005	Klein et al. 2007, Klein and Evens 2005, Potter 2005, Sands 1980, Shiflet 1994, Stillwater Sciences and URS 2007, and others, see MCVII
1156	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> - <i>Salix laevigata</i> / <i>Salix lasiolepis</i> - <i>Baccharis salicifolia</i>	61.130.22 Association	Klein and Evens 2005	
1157	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> - <i>Salix laevigata</i> / <i>Salix lasiolepis</i> / <i>Vitis girdiana</i>	61.130.21 Association	Klein and Evens 2005	
1158	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> - <i>Salix lasiolepis</i>	61.130.23 Association	Stillwater Sciences and URS 2007	
1159	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> - <i>Salix lucida ssp. lasiandra</i>	61.130.25 Association	Spolsky 1979	
1160	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> - <i>Sambucus nigra</i>	61.130.26 Association	Stillwater Sciences and URS 2007	
1161	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> / <i>Acer negundo</i>	61.130.07 Association	Vaghti 2003	
1162	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> / <i>Acer negundo</i> / <i>Rubus armeniacus</i>	61.130.08 Association	Vaghti 2003	
1163	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> / <i>Artemisia douglasiana</i>	61.130.09 Association	Vaghti 2003	
1164	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> / <i>Baccharis salicifolia</i>	61.130.16 Association	Evens and San 2005	Klein and Evens 2005, Faber et al 1989, Griffin and Critchfield 1972, Holstein 1984, MacMahon 1988, McBride 1994, Minckley and Brown 1982, NatureServe 2007a, NatureServe 2007b, Paysen et al. 1980, 1982,
1165	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> / <i>Galium aparine</i>	61.130.10 Association	Vaghti 2003	

1166	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> / <i>Rubus ursinus</i>		61.130.11 Association	Vaghti 2003		
1167	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> / <i>Salix exigua</i>		61.130.17 Association	Keeler-Wolf and Thomas 2000		
1168	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Populus fremontii</i> / <i>Vitis californica</i>		61.130.13 Association	Vaghti 2003	Klein et al. 2007	
1169	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix gooddingii</i> (Black willow thickets) Alliance	Black willow thickets	G4 S3	61.211.00 Alliance	Evens and San 2005	Klein and Evens 2005, Hickson and Keeler-Wolf 2007
1170	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix gooddingii</i>		61.211.01 Association	Reed 1993a	Keeler-Wolf et al. 2005, Klein et al. 2007, Klein and Evens 2005, Stromberg 2001, Vaghti and Greco 2007.	
1171	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix gooddingii</i> - <i>Populus fremontii</i>		61.211.04 Association	Hickson and Keeler-Wolf 2007		
1172	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix gooddingii</i> - <i>Quercus lobata</i> / <i>wetland herb</i>		61.211.06 Association	Hickson and Keeler-Wolf 2007		
1173	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix gooddingii</i> - <i>Salix laevigata</i>		61.211.05 Association	Evens and San 2005	Faber et al. 1989, Holstein 1984	
1174	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix gooddingii</i> - <i>Salix lucida</i> - <i>Populus fremontii</i>		61.211.08 Association	Klein and Evens 2005	Reed 1993a, Stromberg 2001, Vaghti and Greco 2007	
1175	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix gooddingii</i> / <i>Baccharis salicifolia</i>		61.211.02 Association	Evens and San 2005	Faber et al. 1989, Holstein 1984, Klein and Evens 2005, Reed 1993a, Stromberg 2001, Vaghti and Greco 2007	
1176	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix gooddingii</i> / <i>Lepidium latifolium</i>		61.211.03 Association	Evens and San 2005	Faber et al. 1989, Holstein 1984, Klein and Evens 2005, Reed 1993a, Stromberg 2001, Vaghti and Greco 2007	
1177	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix gooddingii</i> / <i>Rubus armeniacus</i>		61.211.07 Association	Hickson and Keeler-Wolf 2007		
1178	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix laevigata</i> (Red willow thickets) Alliance	Red willow thickets	G3 S3	61.205.00 Alliance	Potter 2005	Evens and San 2005, Klein and Evens 2005
1179	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix laevigata</i>		61.205.01 Association	Potter 2005	Klein et al. 2007, Read and Sprackling 1980, Vogl 1976	
1180	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix laevigata</i> - <i>Cornus sericea</i> / <i>Scirpus microcarpus</i>		61.205.05 Association	Evens and Kentner 2006		
1181	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix laevigata</i> - <i>Salix lasiolepis</i>		61.205.02 Association	Keeler-Wolf and Vaghti 2000	Klein et al. 2007	
1182	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix laevigata</i> - <i>Salix lasiolepis</i> / <i>Artemisia douglasiana</i> - <i>Rubus ursinus</i>		61.205.03 Association	Keeler-Wolf and Evens 2006	NatureServe 2007b	
1183	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix laevigata</i> - <i>Salix lasiolepis</i> / <i>Baccharis salicifolia</i>		61.205.07 Association	Keeler-Wolf and Evens 2006		

1184	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix laevigata</i> / <i>Rosa californica</i>		61.205.04 Association	Capelli and Stanley 1984	Bendix 1994, Bowler 1989	
1185	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix laevigata</i> / <i>Salix lasiolepis</i> / <i>Artemisia douglasiana</i>		61.205.06 Association	Klein and Evens 2006	Evens and San 2005	
1186	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Washingtonia filifera</i> (California fan palm oasis) Alliance	California fan palm oasis	G3 S3	61.520.00 Alliance	Keeler-Wolf et al. 1998b	Anderson and Roderick 2005, Burk 1977, Cornett 1987, 1988, 1989, Howard 1992h
1187	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	Desert Fan Palm Oasis Woodland		G3 S3.2			
1188	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Washingtonia filifera</i> - <i>Platanus racemosa</i> / <i>Salix spp</i>		61.520.04 Association	Keeler-Wolf et al. 1998b	possibly Spolsky 1979 MacMahon 1988, McClenaghan and Beauchamp 1986, McClintock 1978, Minckley and Brown 1982, Paysen et al. 1980	
1189	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Washingtonia filifera</i> / <i>spring</i> (<i>Atriplex</i> - <i>Baccharis</i> - <i>Pluchea</i>)		61.520.03 Association	Keeler-Wolf Keeler- Wolf et al. 1998b		
1190	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Baccharis emoryi</i> (Emory's baccharis thickets) Provisional Alliance	Emory's baccharis thickets	G3 S2?	63.520.00 Provisional Allian	Keeler-Wolf et al. 1998b	Klein and Evens 2005, Hickman 1993
1191	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Baccharis salicifolia</i> (Mulefat thickets) Alliance	Mulefat thickets	G5 S4	63.510.00 Alliance	Evens and San 2005	Shanfield 1984
1192	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	Mule Fat Scrub		G4 S4			
1193	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Baccharis salicifolia</i>		63.510.01 Association	Keeler-Wolf et al. 1998b	Keeler-Wolf and Evens 2006, NatureServe 2007b, Potter 2005	
1194	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Baccharis salicifolia</i> - <i>Arundo donax</i>		63.510.05 Association	Stillwater Sciences and URS 2007		
1195	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Baccharis salicifolia</i> - <i>Lepidospartum squamatum</i> - <i>Hazardia squarrosa</i>		63.510.02 Association	Evens, Keeler-Wolf, Klein and Hickson 2005		
1196	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Baccharis salicifolia</i> - <i>Pluchea sericea</i>		63.510.06 Association	Stillwater Sciences and URS 2007		
1197	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Baccharis salicifolia</i> - <i>Sambucus mexicana</i>		63.510.03 Association	Klein and Evens 2005	Boyd et al.1995	
1198	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Baccharis salicifolia</i> - <i>Tamarix ramosissima</i>		63.510.07 Association	Stillwater Sciences and URS 2007		
1199	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Baccharis salicifolia</i> / <i>Stachys albens</i>		63.510.04 Association	Potter 2005		
1200	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Baccharis sergiloides</i> (Broom baccharis thickets) Alliance	Broom baccharis thickets	G4 S3	63.530.00 Alliance	Evens 2000	Beatley 1976, Keeler-Wolf et al. 2005
1201	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Baccharis sergiloides</i> - <i>Prunus fasciculata</i>		63.530.01 Association	Keeler-Wolf and Thomas 2000	Evens 2000, Keeler-Wolf 2007b	

1202	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Baccharis sergiloides</i> - <i>Prunus fasciculata</i> - <i>Rhus trilobata</i>		63.530.02 Association	Keeler-Wolf and Thomas 2000	Evens 2000, Keeler_Wolf 2007b	
1203	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Baccharis sergiloides</i> / <i>Muhlenbergia rigens</i>		63.530.03 Association	Keeler-Wolf and Thomas 2000	Evens 2000, Keeler-Wolf 2007b, Shanfield 1984, Thomas et al. 2004,	
1204	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Cephalanthus occidentalis</i> (Button willow thickets) Alliance	Button willow thickets	G5 S2	63.300.00 Alliance	Cheatham and Haller 1975	Barry 1989a, 1989b, Holstein 1984, Holland 1986
1205	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	Buttonbush Scrub		G1 S1.1			
1206	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Cephalanthus occidentalis</i>			63.300.01 Association	Thorne 1976	Klein et al. 2007, Snyder 1991
1207	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Forestiera pubescens</i> (Desert olive patches) Alliance	Desert olive patches	G3 S2	61.580.00 Alliance	Keeler-Wolf and Thomas 2000	Klein and Evens 2005, McMin 1953, Reid et al. 1999, USDA-NRCS 2005b
1208	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Forestiera pubescens</i>			61.580.01 Provisional Assoc	Keeler-Wolf and Thomas 2000	
1209	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Forestiera pubescens</i> - <i>Sambucus nigra</i>			61.580.02 Association	Klein and Evens 2006	McMin 1953, Reid et al. 1999, USDA-NRCS 2005b
1210	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	Woodwardia Thicket		G3 S3.2			
1211	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Rhododendron occidentale</i> (Western azalea patches) Provisional Alliance	Western azalea patches	G3 S2?	63.310.00 Provisional Allian	Kagan et al. 2004	Sawyer 2006, Evens and Kentner 2006
1212	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Rosa californica</i> (California rose briar patches) Alliance	California rose briar patches	G3 S3	63.907.00 Alliance	Keeler-Wolf and Vaghti 2000	Evens and San 2005, Keeler-Wolf and Evens 2006
1213	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Rosa californica</i>			63.907.02 Association	Keeler-Wolf and Vaghti 2000	Evens and San 2005, Keeler-Wolf and Evens 2006, NatureServe 2007b
1214	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Rosa californica</i> - <i>Baccharis pilularis</i>			63.907.01 Association	Keeler-Wolf and Vaghti 2000	
1215	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Rosa californica</i> / <i>Schoenoplectus spp.</i>			63.907.03 Association	Keeler-Wolf and Vaghti 2000	
1216	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix breweri</i> (Brewer willow thickets) Alliance	Brewer willow thickets	G2 S2	61.215.00 Alliance	Evens et al. 2006	
1217	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix breweri</i> / <i>Muhlenbergia asperifolia</i>			61.215.01 Association	Evens et al. 2006	
1218	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix exigua</i> (Sandbar willow thickets) Alliance	Sandbar willow thickets	G5 S4	61.209.00 Alliance	Evens 2000	Keeler-Wolf and Vaghti 2000, Vaghti 2003, Thomas et al. 2004 Klein et al. 2007, NatureServe 2007b, Paysen et al. 1980, Reid et al. 1999, Sands 1980, Shanfield 1984, Thomas et al. 2004, Uchytill 1989g
1219	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix exigua</i>			61.209.01 Association	Vaghti 2003	

1220	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix exigua</i> - (<i>Saix lasiolepis</i>) - <i>Rubus discolor</i>	61.209.07 Association	Hickson and Keeler-Wolf 2007	Holland 1986, Holstein 1984		
1221	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix exigua</i> - <i>Arundo donax</i>	61.209.02 Association	Vaghti 2003			
1222	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix exigua</i> - <i>Brickellia californica</i>	61.209.06 Association	Klein et al. 2007			
1223	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix exigua</i> - <i>Salix melanopsis</i>	61.209.03 Association	Vaghti 2003			
1224	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix exigua</i> / <i>Baccharis sergiloides</i>	61.209.04 Association	Keeler-Wolf and Thomas 2000	Evens 2000		
1225	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix exigua</i> / <i>Juncus spp.</i>	61.209.05 Association	Keeler-Wolf et al. 2003b			
1226	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix lasiolepis</i> (Arroyo willow thickets) Alliance	Arroyo willow thickets	G4 S4 (some associations are of high priority for inventory)	61.201.00 Association	Keeler-Wolf et al. 2003a	Evens and San 2005, Klein and Evens 2005, Potter 2005
1227	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	Southern Arroyo Willow Riparian Forest		G2 S2.1			
1228	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	Central Coast Riparian Scrub		G3 S3			
1229	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	Central Coast Arroyo Willow Riparian Forest		G3 S3.2			
1230	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix lasiolepis</i>	61.201.01 Association	Keeler-Wolf et al. 1998b	Hickson and Keeler-Wolf 2007, Holstein 1984		
1231	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix lasiolepis</i> - <i>Salix lucida</i>	61.201.04 Association	Keeler-Wolf et al. 2003a			
1232	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix lasiolepis</i> / <i>Artemisia douglasiana</i>	61.201.02 Association	Potter 2005	Zedler and Scheid 1988		
1233	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix lasiolepis</i> / <i>Baccharis pilularis</i> - <i>Rubus ursinus</i>	61.201.05 Association	Zedler and Scheid 1988	Evens and Kentner 2006 Bendix 1994, Bowler 1989, Capelli and Stanley 1984, Evens and San 2005, NatureServe 2007b, Paysen et al. 1980, Potter 2005, Read and Sprackling 1980, Vaghti 2003, Vaghti and Greco 2007, 1984, Evens and San 2005,		
1234	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix lasiolepis</i> / <i>Baccharis salicifolia</i>	61.201.06 Association	Keeler-Wolf and Evens 2006			
1235	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix lasiolepis</i> / <i>Malosma laurina</i>	61.201.07 Association	Keeler-Wolf and Evens 2006			
1236	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix lasiolepis</i> / <i>Rosa californica</i>	61.201.08 Association	Capelli and Stanley 1984	Bendix 1994, Bowler 1989		

1237	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Salix lasiolepis</i> / <i>Rubus</i> spp.		61.201.03 Association	Keeler-Wolf et al. 2003a	Klein et al. 2007, Manning and Padgett 1995, Minnich 1976	
1238	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Sambucus nigra</i> (Blue elderberry stands) Alliance	Blue elderberry stands	G3 S3	63.410.00 Alliance	Evens and San 2005	Keeler-Wolf and Evens 2006
1239	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	Elderberry Savanna		G2 S2.1			
1240	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Sambucus nigra</i>			63.410.01 Association	Evens and San 2005	Holland 1986
1241	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Sambucus nigra</i> - <i>Heteromeles arbutifolia</i>			63.410.03 Association	Keeler-Wolf and Evens 2006	
1242	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Sambucus nigra</i> / <i>Leymus condensatus</i>			63.410.02 Association	Keeler-Wolf and Evens 2006	
1243	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Arundo donax</i> (Giant reed breaks) Semi-natural Stands	Giant reed breaks		42.080.00 Semi-natural Stai	Evens and San 2005	DiTomaso and Healy 2007, T. Dudley 2000, Horton 1949, Hoshovsky 1996, Keeler-Wolf and Evens 2006, Klein and Evens 2005, McWilliams 2004, Perdue 1958, Rieger and Kreager 1989, Vaghti 2003
1244	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Arundo donax</i>			42.080.01 Stand Type	Evens and San 2005	Horton 1949, Hoshovsky 1996, [2] Keeler-Wolf and Evens 2006, [3] Klein and Evens 2005, McWilliams 2004, Perdue 1958, Rieger and Kreager 1989,
1245	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Arundo donax</i> - <i>Salix exigua</i>			42.080.02 Stand Type	cf. Vaghti 2003	
1246	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	<i>Tamarix</i> spp. (Tamarisk thickets) Semi-natural Stands	Tamarisk thickets		63.810.00 Semi-natural Stai	Paysen et al. 1980	Brooks and Minnich 2006, Carpenter 2005, DiTomaso and Healy 2007, Everitt 1980, Johnson 1987, Lovich 2000, Neill 1985, Zouhar 2003b
1247	1. Mesomorphic Tree Vegetation (Forest and Woodland)	1.C. Temperate Forest	1.C.3. Temperate Flooded and Swamp Forest*	1.C.3.c. Western North America Warm Temperate Flooded and Swamp Forest	MG036. Southwestern North American Riparian, Flooded and Swamp Forest	Tamarisk Scrub			G5 S4		
1248	2. Mesomorphic Shrub and Herb Vegetation (Shrubland and Grassland)	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Non-Serpentine Digger Pine Chaparral Woodland			G4 S4		
1249	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Serpentine Digger Pine Chaparral			G3 S3.2		
1250	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Granitic Southern Mixed Chaparral			G3 S3.3		
1251	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Mafic Southern Mixed Chaparral			G3 S3.2		
1252	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Northern Mixed Chaparral			G4 S4		
1253	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Northern North Slope Chaparral			G3 S3.3		
1254	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Southern North Slope Chaparral			G3 S3.3		
1255	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Alluvial Fan Chaparral			G2 S2.1		
1256	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Flannel Bush Chaparral			G3 S3.3		
1257	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i> (Chamise) Chamise	Chamise	G5 S5	37.101.00 Alliance	Keeler-Wolf et al. 2003	
1258	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Chamise Chaparral			G4 S4		
1259	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i>			37.101.16 Association	Christensen and Muller 1975	Borchert et al. 2004, Davis et al. 1988,
1260	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>(Arctostaphylos glandulosa)</i>			37.101.07 Association	Gordon and White 1994	Hanes 1965, 71,74,76,77, 94, Hanes and
1261	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>(Arctostaphylos manzanita)</i>			37.101.19 Association	Evens, San and Taylor 2004	Klein et al. 2007, McMurray 1990a, Mills
1262	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>(Arctostaphylos pungens)</i>			37.101.26 Association	NatureServe 2007b	Reid et al. 1999, Schmida and Whittaker
1263	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>(Arctostaphylos viscida)</i>			37.101.27 Association	Klein et al. 2007	McMurray 1990a, Patric and Hanes 1964
1264	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>(Ceanothus crassifolius)</i>			37.101.08 Association	Gordon and White 1994	Hanes 1965, 71,74,76,77, 94, Hanes and
1265	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>(Ceanothus cuneatus)</i>			37.101.10 Association	Gordon and White 1994	Hanes 1965, 71,74,76,77, 94, Hanes and
1266	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>(Ceanothus greggii / mafic)</i>			37.101.06 Association	Gordon and White 1994	Hanes 1965, 71,74,76,77, 94, Hanes and
1267	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>(Ceanothus tomentosus)</i>			37.101.11 Association	Gordon and White 1994	Hanes 1965, 71,74,76,77, 94, Hanes and
1268	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos glandulosa</i> -			37.101.32 Association	Evens and Kentner 2006	Keeler-Wolf et al. 2003a
1269	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos pringlei</i>			37.101.22 Association	Klein and Evens 2005~	

1270	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>aurantiacus</i>			37.101.12	Association	Keeler-Wolf et al. 2003a	Hanes 1965, 71,74,76,77, 94, Hanes and
1271	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Eriodictyon californicum</i> (<i>Lotus</i>			37.101.31	Association	Klein and Evens 2005	Klein et al. 2007, McMurray 1990a, Mills
1272	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Eriogonum fasciculatum</i>			37.101.14	Association	Klein and Evens 2005	Keeler-Wolf and Evens 2006, Keeley
1273	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Eriogonum fasciculatum</i> - <i>Salvia</i>			37.103.03	Association	Gordon and White 1994	Klein and Evens 2005, many others, see
1274	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Hesperoyucca whipplei</i>			37.101.04	Association	Gordon and White 1994	Hanes 1965, 71,74,76,77, 94, Hanes and
1275	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Heteromeles arbutifolia</i> / <i>Melica</i>			37.101.28	Association	Evens and San 2006	Evens and San 2006
1276	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Malosma laurina</i>			37.101.21	Association	Klein and Evens 2005	Keeler-Wolf and Evens 2006, Keeley
1277	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Malosma laurina</i> - <i>Eriodictyon</i>			37.101.33	Association	Keeler-Wolf and Evens 2006	Keeley 1987b, 1991, 1992a, 1993a,
1278	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>grass - forb</i>			37.101.24	Association	Evens and Kentner 2006	Klein et al. 2007, McMurray 1990a, Mills
1279	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Castilleja pruinosa</i>			37.101.29	Association	Evens et al. 2004	Evens et al. 2004
1280	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>herb - moss</i>			37.101.25	Association	Evens et al. 2004	Evens et al. 2004
1281	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Selaginella bigelovii</i>			37.101.30	Association	NatureServe 2007b	Reid et al. 1999, Schmida and Whittaker
1282	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>disturbance</i>			37.101.17	Association	Klein and Evens 2006	Evens and San 2006
1283	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>serpentine</i>			37.101.15	Association	Evens et al. 2006	Evens et al. 2006
1284	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>apiana</i> (Chamise - white sage	Chamise -	G3 S3	37.103.00	Alliance	Gordon and White 1994	Klein and Evens 2005
1285	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>apiana</i>			37.103.01	Association	Gordon and White 1994	Gray 1982, Hanes 1977, 1981, 1994,
1286	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>apiana</i> - <i>Artemisia californica</i>			37.103.02	Association	Evens and San 2005	Klein and Evens 2005, McMurray 1990a,
1287	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>leucophylla</i>			37.101.23	Association	Keeler-Wolf and Evens 2006	Keeley 1987b, 1991, 1992a, 1993a,
1288	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>mellifera</i> (Chamise - black sage	Chamise -	G5 S5	37.102.00	Alliance	Gordon and White 1994	Borchert et al. 2004,
1289	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>mellifera</i> - <i>Artemisia californica</i>			37.102.04	Association	Klein and Evens 2005	McMurray 1990a, Montalvo and McMillan
1290	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>mellifera</i> - <i>Ceanothus crassifolius</i>			37.102.05	Association	Klein and Evens 2005	McMurray 1990a, Montalvo and McMillan
1291	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>mellifera</i> - <i>Malosma laurina</i>			37.102.06	Association	Keeler-Wolf and Evens 2006	Keeler-Wolf and Evens 2006
1292	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>mellifera</i> - <i>Rhus ovata</i>			37.102.07	Association	Keeler-Wolf and Evens 2006	Keeler-Wolf and Evens 2006
1293	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>mellifera</i> / (<i>herbaceous</i>)			37.102.02	Association	Gordon and White 1994	Keeler-Wolf and Evens 2006, Hogan and
1294	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>mellifera</i> / <i>mixed shrub</i>			37.102.03	Association	Hogan and Sawyer 1996	Horton 1960
1295	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Xylococcus bicolor</i> (Chamise-	Chamise-	G4 S3	37.109.00	Alliance	Gordon and White 1994	Evens and San 2005, Klein and Evens
1296	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Southern Maritime Chaparral		G1 S1.1				
1297	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Xylococcus bicolor</i>			37.109.01	Association	Gordon and White 1994	
1298	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Xylococcus bicolor</i> - <i>Ceanothus</i>			37.109.05	Association	Gordon and White 1994	Klein and Evens 2005, Rivas-Martinez
1299	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Xylococcus bicolor</i> - <i>Ceanothus</i>			37.109.14	Association	Evens and San 2005	Evens and San 2005
1300	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Xylococcus bicolor</i> - <i>Ceanothus</i>			37.109.02	Association	Gordon and White 1994	Hanes 1977, 1981, 1994, Hogan et al.
1301	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Xylococcus bicolor</i> - <i>Ceanothus</i>			37.109.08	Association	Evens and San 2005	Evens and San 2005
1302	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Xylococcus bicolor</i> - <i>Cneoridium</i>			37.109.09	Association	Evens and San 2005	Evens and San 2005
1303	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Xylococcus bicolor</i> - <i>Eriogonum</i>			37.109.10	Association	Evens and San 2005	Evens and San 2005
1304	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Xylococcus bicolor</i> - <i>Quercus</i>			37.109.12	Association	Klein and Evens 2005	Klein and Evens 2005
1305	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Xylococcus bicolor</i> - <i>Rhus</i>			37.109.11	Association	Evens and San 2005	Evens and San 2005
1306	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Xylococcus bicolor</i> - <i>Salvia mellifera</i>			37.109.13	Association	Evens and San 2005	Klein and Evens 2005, Rivas-Martinez
1307	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Upper Sonoran Manzanita Chaparral		G4 S4				
1308	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos glauca</i> (Bigberry	Bigberry	G4 S4	37.301.00	Alliance	Keeler-Wolf and Evens 2006	Keeler-Wolf et al. 2005
1309	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos glauca</i>			37.301.01	Association	Gordon and White 1994	Halvorson and Clark 1989, Hanes 1977,
1310	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i>			37.104.01	Association	Evens and San 2005	Gordon and White 1994
1311	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i> -			37.104.05	Association	Gordon and White 1994	Halvorson and Clark 1989, Hanes 1977,
1312	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i> -			37.104.07	Association	Gordon and White 1994	Gordon and White 1994
1313	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i> -			37.104.04	Association	Gordon and White 1994	Halvorson and Clark 1989, Hanes 1977,
1314	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i> -			37.104.02	Association	Gordon and White 1994	Halvorson and Clark 1989, Hanes 1977,
1315	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i> - <i>Diplacus</i>			37.104.08	Association	Evens and San 2004	Klein and Evens 2005, McMurray 1990a,
1316	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i> -			37.104.03	Association	Gordon and White 1994	Halvorson and Clark 1989, Hanes 1977,
1317	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i> -			37.104.06	Association	Gordon and White 1994	Evens and San 2004, Halvorson and
1318	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i> - <i>Rhus</i>			37.104.09	Association	Klein and Evens 2005	Klein and Evens 2005
1319	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i> - <i>Salvia</i>			37.104.10	Association	Borchert et al. 2004	Evens et al. 2006
1320	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum on</i>			37.104.11	Association	Borchert et al. 2004	Evens et al. 2006
1321	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>californica</i> - <i>Salvia mellifera</i>			37.301.03	Association	Evens and San 2004	Evens and San 2004
1322	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Cercocarpus montanus</i>			37.301.05	Association	Keeler-Wolf et al. 1998b	Keeler-Wolf et al. 1998b
1323	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>durata</i> / <i>Pinus sabiniana</i>			37.301.04	Association	Evens et al. 2006	Evens et al. 2006
1324	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>torreyana</i>			37.301.02	Association	Evens and San 2004	Evens and San 2004
1325	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos hookeri</i> (Hooker's	Hooker's	G2 S2	37.321.00	Provisional Allian	Markos et al. 1998	Van Dyke et al. 2001, CDFG 2004
1326	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos manzanita</i> (Spiny	Spiny	G3? S3?	37.313.00	Provisional Allian	Bowerman 1944	Ertter and Bowerman 2002
1327	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos viscida</i> (White leaf	White leaf	G4 S4	37.305.00	Alliance	Keeler-Wolf et al. 2003b	Klein et al. 2007, Amaranthus et al. 1990,
1328	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos viscida</i>			37.305.01	Association	Keeler-Wolf et al. 2003b	Klein et al. 2007, Keeley and Keeley 1988
1329	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Heteromeles arbutifolia</i> -			37.305.05	Association	Lee 2004	Minore et al 1988, Pase 1982a, Patric
1330	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>wislizeni</i>			37.305.07	Association	Klein et al. 2007	Klein et al. 2007
1331	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>sonomensis</i>			37.305.03	Provisional Assoc	Klein et al. 2007	Klein et al. 2007
1332	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>pulchella</i>			37.305.06	Association	CNPS 2005	Thorne et al 2004, Detling 1961, Gottlieb
1333	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i>			37.305.02	Association	Lee 2004	Minore et al 1988, Pase 1982a, Patric
1334	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i>) / <i>Salvia</i>			37.305.04	Association	Klein et al. 2007	Klein et al. 2007
1335	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus crassifolius</i> (Hoary leaf	Hoary leaf	G4 S4	37.208.00	Alliance	Gordon and White 1994	Barry 1989a, 1989b, Borchert et al. 2004,
1336	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus crassifolius</i> Chaparral		G3 S3.2				
1337	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus crassifolius</i>			37.208.01	Association	Gordon and White 1994	Borchert et al. 2004, Evens and San
1338	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i>			37.208.02	Association	Gordon and White 1994	Hanes 1971, 1977, 1981, 1994, Horton
1339	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i> - <i>Rhus</i>			37.208.04	Association	Klein and Evens 2005	McMurray 1990a, Mills 1983, Minnich
1340	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i> - <i>Salvia</i>			37.208.05	Association	Gordon and White 1994	Keeler-Wolf and Evens 2006, Klein and
1341	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i> -			37.208.03	Association	Keeler-Wolf and Evens 2006	Keeley 1987c, 1991, 1992a, 1993, Keeley
1342	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i> -			37.208.06	Association	Klein and Evens 2005	McMurray 1990a, Mills 1983, Minnich
1343	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Cercocarpus montanus</i>			37.208.07	Association	Klein and Evens 2005	McMurray 1990a, Mills 1983, Minnich
1344	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>laurina</i>			37.208.08	Association	Keeler-Wolf and Evens 2006	Keeley 1987c, 1991, 1992a, 1993, Keeley

1345	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus cuneatus</i> (Wedge leaf	Wedge leaf	G4 S4	37.211.00	Alliance	Keeler-Wolf et al. 2003a	Barry 1989a, 1989b, Gordon and White
1346	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Buck Brush Chaparral		G4 S4				
1347	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus cuneatus</i>			37.211.01	Association	Stuart et al. 1996	Borchert et al. 2004, Evens et al. 2004,
1348	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>fasciculatum</i>			37.211.06	Association	Keeley and Keeley 1988	Gordon and White 1994, Keeler-Wolf and
1349	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>fasciculatum - Salvia mellifera -</i>			37.211.10	Association	Keeler-Wolf and Evens 2006	Keeley and Keeley 1988
1350	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>californicum - (Fremontodendron</i>			37.211.08	Provisional Assoc	Klein et al. 2007	
1351	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>californica - Arctostaphylos pungens</i>			37.211.09	Association	Stuart et al. 1996	
1352	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>decurrens</i>			37.211.02	Association	Stuart et al. 1992	
1353	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>elymoides</i>			37.211.03	Association	Taylor and Teare 1979a	Thorne 1976
1354	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>lanatum</i>			37.211.11	Association	Stuart et al. 1996	
1355	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>erecta</i>			37.211.05	Association	Evens, San and Taylor 2004	Klein et al. 2007
1356	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus megacarpus</i> (Big pod	Big pod	G4 S4	37.201.00	Alliance	Barry 1989a	Barry 1989b
1357	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus megacarpus</i>			G3 S3.2			
1358	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus megacarpus</i>			37.201.01	Association	Borchert et al. 1993b	Borchert et al. 2004, Cheatham and
1359	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i>			37.201.02	Association	Keeler-Wolf and Evens 2006	
1360	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma sparsifolium</i>			37.201.04	Association	Keeler-Wolf and Evens 2006	Keeley 1975, 1987a, 2007, Keeley and
1361	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Cercocarpus montanus</i>			37.201.05	Association	Borchert et al. 1993b	Keeler-Wolf and Evens 2006, Keeley
1362	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>laurina</i>			37.201.06	Association	Keeler-Wolf and Evens 2006	Keeley 1975, 1987a, 2007, Keeley and
1363	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>ilicifolia</i>			37.201.09	Association	Cheatham and Haller 1975	Borchert et al. 2004
1364	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>ilicifolia</i>			37.203.01	Association	Borchert et al. 2004	Cheatham and Haller 1975
1365	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>mellifera</i>			37.201.08	Association	Keeler-Wolf and Evens 2006	
1366	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Eriodictyon californicum</i> (California	California	G4 S4	37.080.00	Alliance		
1367	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>herbaceus</i>			35.080.01	Association	Evens et al. 2004	Howard 1992e, Klein et al. 2007
1368	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Eriodictyon crassifolium</i> (Thick leaf	Thick leaf	G3 S3	37.090.00	Provisional Allian	Klein and Evens 2005	
1369	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>tomentosa</i>) (Brittle leaf-Woolly leaf	Brittle leaf-	G2 S2	37.308.00	Alliance	Keeler-Wolf et al. 2003a	
1370	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Northern Maritime Chaparral		G1 S1.2				
1371	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Central Maritime Chaparral		G2 S2.2				
1372	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Island Maritime Chaparral		G3 S3.1				
1373	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos canescens</i> (Hoary	Hoary	G3? S3?	37.311.00	Provisional Allian	Evens and Kentner 2006	Howell 1970, Johnson 1995
1374	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos glandulosa -</i>			37.311.01	Provisional Assoc	Evens and Kentner 2006	
1375	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos crustacea</i>			37.308.03	Association	Keeler-Wolf et al. 2003a	Keeley and Keeley 1988, Pase 1982a,
1376	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum -</i>			37.308.04	Association	Sawyer and Evens 2007	
1377	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos gablianensis</i>			37.308.05	Association	Bainbridge 2007	Davis and Hickson 1988, Griffin 1978,
1378	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos hooveri</i> (Hoover's	Hoover's	G2 S2	37.312.00	Alliance	Borchert et al. 2004	
1379	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos hooveri</i>			37.312.01	Association	Borchert et al. 2004	
1380	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	(Monterey manzanita chaparral)	Monterey	G1 S1	37.314.00	Provisional Allian	Griffin 1978	Van Dyke et al. 2001
1381	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos morroensis</i> (Morro	Morro	G1 S1	37.315.00	Alliance	Odion and Tyler 2002	
1382	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos myrtifolia</i> (lone	lone	G1 S1	37.304.00	Alliance	Gankin and Major 1964	Holzman and Meyer 2004, Singer 1978,
1383	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	lone Chaparral		G1 S1.1				
1384	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos myrtifolia</i>			37.304.01	Association	Wood and Parker 1998	Woodward 2003
1385	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>sensitiva</i> (Glossy leaf manzanita	Glossy leaf	G2 S2	37.306.00	Alliance	Keeler-Wolf 2003a	Evens and Kentner 2006
1386	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos pajaroensis</i> (Pajaro	Pajaro	G1 S1	37.316.00	Alliance	Van Dyke et al. 2001	Griffin 1978
1387	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos pajaroensis</i>			37.316.01	Association	Van Dyke et al. 2001	Griffin 1978
1388	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos pumila</i> (Sandmat	Sandmat	G1 S1	37.318.00	Provisional Allian	Griffin 1978	Van Dyke et al. 2001
1389	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Vaccinium ovatum - Chrysolepis</i>			37.306.01	Association	Keeler-Wolf et al. 2003a	Evens and Kentner 2006
1390	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos glandulosa</i>			37.306.02	Association	Evens and Kentner 2006	
1391	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	(Burton Mesa chaparral) Provisional	Burton Mesa	G1 S1	37.322.00	Provisional Allian	Davis et al. 1988	Hickson 1988, Meyer 2004, Odion et al.
1392	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos silvicola</i> (Silverleaf	Silverleaf	G1 S1	37.320.00	Provisional Allian	Thomas 1961	McGraw 2004a
1393	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	(Stanford manzanita chaparral)	Stanford	G3 S3?	37.319.00	Provisional Allian	Best et al. 1996	Thorne et al. 2004
1394	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus papillosus</i> (Wart leaf	Wart leaf	G3 S3	37.215.00	Alliance	Borchert et al. 2004	
1395	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>fasciculata</i>			37.215.01	Association	Borchert et al. 2004	
1396	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus verrucosus</i> (Wart-	Wart-	G2 S2	37.216.00	Provisional Allian	Evens and San 2005	Keeley and Davis 2007, Taylor 2004
1397	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Malosma laurina</i> (Laurel sumac	Laurel sumac	G4 S4	45.455.00	Alliance	Brown et al. 1980	Keeler-Wolf and Evens 2006
1398	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Malosma laurina</i>			45.455.01	Association	Keeler-Wolf and Evens 2006	Keeley and Keeley 1988
1399	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>cinereum</i>			45.455.03	Association	Keeler-Wolf and Evens 2006	Keeley and Keeley 1988
1400	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>fasciculatum</i>			45.455.04	Association	Evens and San 2005	Howard 1992f, Keeler-Wolf and Evens
1401	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>fasciculatum - Salvia apiana</i>			45.455.06	Association	Klein and Evens 2005	Minnich 1982, Pratt et al. 2005,
1402	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>fasciculatum - Salvia mellifera</i>			45.455.07	Association	Evens and San 2005	Howard 1992f, Keeler-Wolf and Evens
1403	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus megacarpus</i>			45.455.08	Association	Keeler-Wolf and Evens 2006	Keeley and Keeley 1988
1404	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Malosma laurina - Salvia mellifera</i>			45.455.09	Association	Keeler-Wolf and Evens 2006	
1405	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>dioicus</i>			45.455.10	Association	Klein and Evens 2005	Minnich 1982, Pratt et al. 2005,
1406	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Quercus pacifica</i> (Island scrub oak	Island scrub	G3 S3	37.416.00	Alliance	Landis 1997	Carroll et al. 1987, Coblenz 1980, Dunkle
1407	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Quercus pacifica</i>			37.416.01	Association	Landis 1997	Laughrin et al. 1994, Minnich 1980a,
1408	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Rhus integrifolia</i> (Lemonade berry	Lemonade	G3 S3	37.803.00	Alliance	Keelrr-Wolf and Evens 2006	
1409	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Rhus integrifolia</i>			37.803.01	Association	Lloret and Zedler 1991	Keeler-Wolf and Evens 2006, Taylor 2004
1410	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>fasciculatum - Artemisia californica</i>			37.803.02	Association	Evens and San 2005	
1411	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>californica - Eriogonum cinereum</i>			37.803.03	Association	Keeler-Wolf and Evens 2006	Keeler-Wolf and Evens 2006
1412	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Eriogonum cinereum</i>			37.803.04	Association	Keeler-Wolf and Evens 2006	
1413	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Artemisia californica</i>			37.803.05	Association	Evens and San 2005	
1414	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus spinosus</i> (Greenbark	Greenbark	G4 S4	37.214.00	Alliance	Borchert et al. 2004	Keeler-Wolf and Evens 2006
1415	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus spinosus</i>			37.214.01	Association	Keeler-Wolf and Evens 2006	Borchert et al. 2004, Keeler-Wolf and
1416	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>megacarpus</i>			37.214.02	Association	Keeler-Wolf and Evens 2006	Keeley 1992b, Malanson and O'Leary
1417	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Cercocarpus montanus</i> (Birch leaf	Birch leaf	G5 S4	76.100.00	Alliance	Keeler-Wolf et al. 1998b	
1418	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i>			76.100.06	Association	Gordon and White 1994	Keeler-Wolf and Evens 2006
1419	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum - Diplacis</i>			76.100.17	Association	Evens and San 2004	

1420	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos glauca</i>			76.100.04	Association	Keeler-Wolf et al. 1998b	
1421	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>cuneatus</i>			76.100.16	Association	Klein et al. 2007	Keeley and Keeley 1988, Keeley 1992a,
1422	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>cuneatus - Fraxinus dipetala</i>			76.100.15	Association	Keeler-Wolf et al. 2003b	
1423	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>cuneatus - Quercus john-tuckeri</i>			76.100.09	Association	Evens et al. 2006	
1424	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>spinus</i>			76.100.05	Association	Keeler-Wolf and Evens 2006	
1425	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>fasciculatum</i>			37.600.01	Association	Gordon and White 1994	Evens et al. 2006, Klein and Evens 2005,
1426	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>fasciculatum - Eriogonum wrightii</i>			37.600.02	Association	Klein and Evens 2005	O'Leary 1990
1427	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Fremontodendron californicum</i>			76.100.10	Association	Gordon and White 1994	
1428	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>californica</i>			76.100.11	Association	Evens and San 2006	Evens, Keeler-Wolf, Klein and Hickson
1429	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>laurina - Artemisia californica</i>			76.100.12	Association	Keeler-Wolf and Evens 2006	
1430	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>ilicifolia</i>			76.100.14	Association	Cheatham and Haller 1975	Borchert et al. 2004
1431	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>ilicifolia - Adenostoma sparsifolium</i>			76.100.13	Association	Klein and Evens 2005	O'Leary 1990
1432	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Cercocarpus montanus var. glaber</i>			76.100.03	Association	Gordon and White 1994	Keeler-Wolf et al. 2003b, Keeler-Wolf and
1433	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>macrourus</i>			37.610.01	Association	Taylor and Teare 1979b	Uchytel 1991b
1434	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>minutiflorus</i>			37.610.02	Association	Evens and San 2005	
1435	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Heteromeles arbutifolia</i> (Toyon	Toyon	G5 S3	37.911.00	Alliance	Klein and Evens 2006	Anonymous 1974
1436	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>californica</i>			37.911.02	Association	Klein and Evens 2006	
1437	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>laurina</i>			37.911.03	Association	Keeler-Wolf and Evens 2006	
1438	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>berberidifolia - Cercocarpus</i>			37.911.04	Association	Klein and Evens 2005	
1439	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Heteromeles arbutifolia / serpentine</i>			37.911.01	Association	Klein et al. 2007	
1440	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Prunus ilicifolia</i> (Holly leaf cherry	Holly leaf	G3 S3	37.910.00	Alliance	Smith 1998 (Draft)	
1441	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Island Cherry Forest		G2 S2.1				
1442	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Mainland Cherry Forest		G1 S1.1				
1443	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Prunus ilicifolia ssp. ilicifolia</i>			37.910.03	Association	Borchert et al. 2004	Conrad 1987, Evens and San 2004,
1444	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus cuneatus</i>			37.910.05	Association	NatureServe 2007b	Patric and Hanes 1964, Paysen et al.
1445	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Fraxinus dipetala</i>			37.910.06	Association	NatureServe 2007b	Patric and Hanes 1964, Paysen et al.
1446	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Heteromeles arbutifolia</i>			37.910.02	Association	Borchert et al. 2004	Evens and San 2005, Griffin and
1447	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Toxicodendron diversilobum / grass</i>			37.910.07	Provisional Assoc	Evens and San 2004	
1448	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Sanicula crassicaulis</i>			37.910.01	Association	Keeler-Wolf et al. 2003a	Keeley 1991, 1992b, Keeley et al. 1986
1449	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Prunus ilicifolia ssp. lyonii</i>			37.910.04	Association	Junak et al. 2007	
1450	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Quercus berberidifolia</i> (Scrub oak	Scrub oak	G4 S4	37.407.00	Alliance	Gordon and White 1994	
1451	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Scrub Oak Chaparral		G3 S3.3				
1452	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Quercus berberidifolia</i>			37.407.02	Association	Gordon and White 1994	Borchert et al. 2004, Callaway and
1453	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos glauca</i>			37.406.01	Association	Gordon and White 1994	
1454	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>cuneatus</i>			37.406.05	Association	Gordon and White 1994	Keeler-Wolf and Evens 2006
1455	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>integerrimus</i>			37.406.02	Association	Gordon and White 1994	Hanes 1971, 1977, 1981, Horton 1960
1456	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>leucodermis</i>			37.407.05	Association	Gordon and White 1994	Hanes 1971, 1977, 1981, Horton 1960
1457	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>oliganthus</i>			37.406.03	Association	Gordon and White 1994	
1458	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>spinus</i>			37.407.07	Association	Keeler-Wolf and Evens 2006	Keeley 1992a, b, 1998, Keeley
1459	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>tomentosus</i>			37.406.06	Association	Gordon and White 1994	Hanes 1971, 1977, 1981, Horton 1960
1460	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Cercocarpus montanus</i>			37.407.06	Association	Gordon and White 1994	Keeler-Wolf et al. 1998b
1461	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>dipetela - Heteromeles arbutifolia</i>			37.407.09	Association	Klein andMinnich and Howard	Klein and Evens 2005, Klein et al. 2007
1462	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Heteromeles arbutifolia</i>			37.407.04	Association	Gordon and White 1994	Hanes 1971, 1977, 1981, Horton 1960
1463	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>mixed chaparral</i>			37.407.08	Association	Klein and Evens 2005	Minnich and Howard 1984
1464	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>californica</i>			37.407.01	Provisional Assoc	Newton 1987a	Tirmenstein 1989c, S. White 1994b
1465	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i> (Scrub	Scrub oak -	G4 S4	37.409.00	Alliance	Gordon and White 1994	
1466	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i>			37.409.03	Association	Borchert et al.2004	Evens and San 2005, Keeler-Wolf and
1467	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum -</i>			37.407.03	Association	Gordon and White 1994	Evens and San 2005
1468	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum -</i>			37.409.01	Association	Gordon and White 1994	Klein and Evens 2005, McMurray 1990a,
1469	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum -</i>			37.409.02	Association	Gordon and White 1994	
1470	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos bakeri</i> (Stands of	Stands of	G1 S1	37.317.00	Special Stands	Best et al. 1976	
1471	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos montana</i> (Mount	Mount	G2 S2	37.307.00	Alliance	Keeler-Wolf et al. 2003a	Evens and Kentner 2006
1472	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos montana</i>			37.307.01	Association	Evens and Kentner 2006	Keeler-Wolf et al. 2003a
1473	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i>			37.307.02	Association	Evens and Kentner 2006	
1474	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Quercus durata</i> (Leather oak	Leather oak	G4 S4	37.405.00	Alliance	Evens and Kentner 2006	Keeler-Wolf et al. 2003a
1475	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Mixed Serpentine Chaparral		G2 S2.1				
1476	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	Leather Oak Chaparral		G3 S3.2				
1477	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Quercus durata</i>			37.405.02	Association	Klein et al. 2007	Kruckeberg 1951, 1984, 2006, Nixon
1478	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>fasciculatum - Quercus wislizeni</i>			37.405.03	Association	Evens et al. 2006	
1479	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>fasciculatum / Salvia sonomensis</i>			37.405.14	Association	Klein et al. 2007	
1480	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>glandulosa</i>			37.405.01	Association	Keeler-Wolf et al. 2003a	Evens and Kentner 2006, Keeley and
1481	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>glauca - Artemisia californica /</i>			37.405.06	Provisional Assoc	Evens and San 2004	Hanes 1977, 1981, Harrison 1997, 1999
1482	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>glauca - Garrya congdonii / Melica</i>			37.405.07	Provisional Assoc	Evens and San 2004	Evens et al. 2006, Hanes 1977, 1981,
1483	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>glauca / Pinus sabiniana</i>			37.405.04	Association	Evens et al. 2006	
1484	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>pungens / Pinus sabiniana</i>			37.405.08	Association	Evens, Keeler-Wolf, Klein and	
1485	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>montanus</i>			37.405.10	Association	Evens, Keeler-Wolf, Klein and	
1486	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>californica - Arctostaphylos glauca</i>			37.405.12	Provisional Assoc	Evens and San 2004	Hanes 1977, 1981, Harrison 1997, 1999
1487	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>arbutifolia - Umbellularia californica</i>			37.405.11	Provisional Assoc	Evens and San 2004	Hanes 1977, 1981, Harrison 1997, 1999
1488	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Streptanthus batrachopus</i>			37.405.13	Association	Evens and Kentner 2006	
1489	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Quercus durata / Pinus sabiniana</i>			37.405.09	Association	Evens et al. 2006	
1490	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	(Eastwood manzanita chaparral)	Eastwood	G4 S4	37.302.00	Alliance	Gordon and White 1994	Borchert et al. 2004, Klein and Evens
1491	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos glandulosa</i>			37.302.01	Association	Gordon and White 1994	Borchert et al. 2004, Evens et al. 2006,
1492	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i>			37.106.13	Association	Keeley and Zedler 1998	Evens and Kentner 2006, Evens and San
1493	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum -</i>			37.106.12	Association	Gordon and White 1994	Gray 1983a, Hanes 1977, 1981, 1994,
1494	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum -</i>			37.106.04	Association	Gordon and White 1994	Gray 1983a, Hanes 1977, 1981, 1994,

1495 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i>			37.106.07	Association	Gordon and White 1994	Gray 1983a, Hanes 1977, 1981, 1994,
1496 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i>			37.106.02	Association	Gordon and White 1994	Gray 1983a, Hanes 1977, 1981, 1994,
1497 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum</i>			37.106.01	Association	Gordon and White 1994	Gray 1983a, Hanes 1977, 1981, 1994,
1498 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum - Quercus</i>			37.106.11	Association	Evens and San 2005	
1499 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum - Quercus</i>			37.106.10	Association	Keeler-Wolf et al. 2001	
1500 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum / mafic</i>			37.106.05	Association	Gordon and White 1994	Gray 1983a, Hanes 1977, 1981, 1994,
1501 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Adenostoma fasciculatum -</i>			37.106.03	Association	Gordon and White 1994	
1502 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos pringlei</i>			37.302.07	Association	Klein and Evens 2005	McMurray 1990a, Mills 1983, Moreno and
1503 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Cercocarpus montanus</i>			37.302.03	Association	Keeler-Wolf et al. 1998b	
1504 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Quercus wislizeni</i>			37.302.04	Association	Keeler-Wolf et al. 2003a	Evens and Kentner 2006
1505 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>adamsii</i>			37.302.02	Association	Keeler-Wolf et al. 1998b	
1506 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>drupacea</i> (Pink-bract manzanita	Pink-bract	G3 S3	37.310.00	Alliance	Keeler-Wolf et al. 1998b	
1507 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>drupacea</i>			37.310.02	Association	Keeler-Wolf 1986a, c	Keeler-Wolf et al. 1998b, Evens and San
1508 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>drupacea - Arctostaphylos pungens</i>			37.310.01	Association	Keeler-Wolf et al. 1998b	
1509 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus leucodermis</i> (Chaparral	Chaparral	G4 S4	37.205.00	Alliance	Barry 1989a	Barry 1989b
1510 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Whitethorn Chaparral</i>			G4 S4			
1511 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus leucodermis</i>			37.205.01	Association	Gordon and White 1994	Evens and San 2005, Evens et al. 2006,
1512 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Toxicodendron diversilobum</i>			37.205.02	Association	Keeler-Wolf et al. 2003b	Keeley and Keeley 1998
1513 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus oliganthus</i> (Hairy leaf	Hairy leaf	G3 S3	37.207.00	Alliance	Barry 1989a	Barry 1989b, Borchert et al. 2004, Evens
1514 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Ceanothus oliganthus</i>			37.207.01	Association	Gordon and White 1994	Borchert et al. 2004, Keeler-Wolf and
1515 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>fasciculatum</i>			37.207.02	Association	Keeler-Wolf and Evens 2006	Klein and Evens 2005, Pase
1516 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>fasciculatum - Xylococcus bicolor</i>			37.207.03	Association	Evens and San 2005	
1517 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>sparsifolium</i>			37.207.04	Association	Keeler-Wolf and Evens 2006	Keeley and Keeley 1988
1518 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Arctostaphylos glandulosa</i>			37.207.05	Association	Klein and Evens 2005	Klein and Evens 2005, Pase 1982a,
1519 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>crassifolium</i>			37.207.06	Association	Klein and Evens 2005	Pase
1520 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Heteromeles arbutifolia - Rhus</i>			37.207.07	Association	Keeler-Wolf and Evens 2006	Keeley and Keeley 1988
1521 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>berberidifolia</i>			37.207.08	Association	Keeler-Wolf and Evens 2006	Keeley and Keeley 1988
1522 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Quercus chrysolepis</i> (Canyon live	Canyon live	G3 S3	37.413.00	Alliance	Gordon and White 1994	Griffin 1977, Hanes 1977, 1981, Horton
1523 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Quercus chrysolepis</i>			37.413.01	Association	Gordon and White 1994	Griffin 1977, Hanes 1977, 1981, Horton
1524 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Quercus wislizeni</i> (Interior live oak	Interior live	G4 S4	37.420.00	Alliance	Keeler-Wolf and Evens 2006	
1525 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Interior Live Oak Chaparral</i>		G3 S3.3				
1526 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>montanus - Arctostaphylos</i>			37.420.05	Association	Borchert et al. 2004	
1527 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>Quercus wislizeni</i>			37.420.01	Association	Gordon and White 1994	Borchert et al. 2004, Evens and Kentner,
1528 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>glandulosa</i>			37.420.02	Association	Evens and Kentner 2006	
1529 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>leucodermis</i>			37.403.01	Association	Gordon and White 1994	Klein and Evens 2005, Kentner 2006,
1530 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>leucodermis - Arctostaphylos</i>			37.403.02	Association	Gordon and White 1994	Griffin 1977,
1531 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>leucodermis / Pinus coulteri</i>			37.403.03	Association	Klein and Evens 2005	Minnich 1976, Tirmenstein 1989d, White
1532 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>montanus</i>			37.420.03	Association	Klein and Evens 2005	Minnich 1976, Tirmenstein 1989d, White
1533 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>montanus - Adenostoma</i>			37.420.04	Association	Klein and Evens 2005	Minnich 1976, Tirmenstein 1989d, White
1534 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>berberidifolia</i>			37.404.01	Association	White and Sawyer 1995	Klein and Evens 2005
1535 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>berberidifolia - Fraxinus dipetala</i>			37.404.02	Association	Klein and Evens 2005	Minnich 1976, Tirmenstein 1989d, White
1536 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG043. California Chaparral	<i>chrysolepis shrub</i>			37.402.01	Association	Gordon and White 1994	Klein and Evens 2005, Griffin 1977,
1537 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Riversidian Upland Sage Scrub</i>		G3 S3.1				
1538 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Riversidian Alluvial Fan Sage Scrub</i>		G1 S1.1				
1539 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Riversidian Desert Scrub</i>		G3 S3.1				
1540 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Diegan Coastal Sage Scrub</i>		G3 S3.1				
1541 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Venturan Coastal Sage Scrub</i>		G3 S3.1				
1542 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Diablan Sage Scrub</i>		G3 S3.3				
1543 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Artemisia californica</i> (California	California	G5 S5	32.010.00	Alliance	Kirkpatrick and Hutchinson	
1544 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Artemisia californica</i>			32.010.01	Association	Kirkpatrick and Hutchinson	
1545 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>laurina</i>			45.455.02	Association	Keeler-Wolf and Evens 2006	Keeley and Keeley 1988
1546 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>pilularis / Leymus condensatus</i>			32.010.15	Association	Kirkpatrick and Hutchinson	
1547 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>ferrisiae</i>			32.010.08	Association	Evens and San 2004	
1548 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>aurantiacus</i>			32.010.11	Association	Keeler-Wolf and Evens 2006	Evens and Kentner 2006; Klein and
1549 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>cinereum</i>			32.010.07	Association	Keeler-Wolf and Evens 2006	
1550 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>cordifolia</i>			32.010.03	Association	Gordon and White 1994	Gray 1982, 1983, Halligan 1973, Jones
1551 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Lepidospartum squamatum</i>			32.010.09	Association	Evens et al. 2006	
1552 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>scoparius</i>			32.010.02	Association	DeSimone and Burk 1992	DeSimone and Zedler
1553 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>laurina</i>			32.010.10	Association	Evens and San 2005	Klein and Evens 2005, Malanson and
1554 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>leucophylla</i>			32.010.04	Association	Gordon and White 1994	Gray 1982, 1983, Halligan 1973, Jones
1555 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>menziesii</i>			32.010.12	Association	Klein and Evens 2006	
1556 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>californica</i>			32.010.13	Association	Evens and San 2004	
1557 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>condensatus</i>			32.010.14	Association	Keeler-Wolf and Evens 2006	
1558 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>fasciculatum</i> (California sagebrush -	California	G4 S4	32.110.00	Alliance	Gordon and White 1994	
1559 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>fasciculatum</i>			32.110.05	Association	Evens and San 2005	Keeler-Wolf and Evens 2006, Klein and
1560 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>fasciculatum - Ephedra californica</i>			32.110.07	Association	Evens et al. 2006	
1561 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>fasciculatum - Malosma laurina</i>			32.110.06	Association	Evens and San 2005	Klein and Evens 2005, Malanson
1562 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>fasciculatum - Rhus ovata</i>			32.110.01	Association	Gordon and White 1994	
1563 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>fasciculatum - Salvia apiana</i>			32.110.02	Association	DeSimone and Burk 1992	Gordon and White 1994, Kirkpatrick and
1564 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>fasciculatum - Salvia leucophylla</i>			32.110.03	Association	Keeler-Wolf and Evens 2006	
1565 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>fasciculatum - Salvia mellifera</i>			32.110.04	Association	Keeler-Wolf and Evens 2006	
1566 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>mellifera</i> (California sagebrush -	California	G4 S4	32.120.00	Alliance	Gordon and White 1994	Axelrod 1978, Barbour 1994, Barry
1567 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>mellifera</i>			32.120.01	Association	DeSimone and Burk 1992	Gordon and White 1994, Jones and
1568 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>mellifera - Baccharis sarothroides</i>			32.120.03	Association	Evens and San 2005	
1569 2.	Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Diplacus aurantiacus</i> (Bush	Bush	G3 S3?	32.082.00	Alliance	Keeler-Wolf and Evens 2006	

1570	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Diplacus aurantiacus</i>				32.082.01	Association	Keeler-Wolf and Evens 2006	NatureServe 2007, Montalvo and
1571	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Encelia californica</i>	(California brittle California	G4	S3	32.050.00	Alliance	Evens and San 2005	Axelrod 1978, Barbour 1994b, DeSimone
1572	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Encelia californica californica</i>				32.050.02	Association	Malanson 1984	Keeler-Wolf and Evens 2006, Keeley and
1573	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Encelia californica californica - Salvia mellifera - cinereum</i>				32.050.01	Association	Kirkpatrick and Hutchinson	Evens and San 2005, Keeler-Wolf and
1574	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Encelia californica - Salvia mellifera - cinereum</i>				32.050.03	Association	Evens and San 2005	
1575	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Encelia californica - Rhus integrifolia</i>				32.050.04	Association	Keeler-Wolf and Evens 2006	Keeley and Keeley 1984, 1988
1576	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Eriogonum cinereum</i>	(Ashy Ashy	G3	S3	32.050.05	Association	Keeler-Wolf and Evens 2006	Keeley and Keeley 1984, 1988
1577	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Eriogonum cinereum</i>				32.050.06	Association	Keeler-Wolf and Evens 2006	Keeley and Keeley 1984, 1988
1578	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Eriogonum cinereum</i>				32.035.00	Alliance	Keeler-Wolf and Evens 2006	
1579	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Eriogonum cinereum</i>				32.035.01	Association	Keeler-Wolf and Evens 2006	
1580	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Eriogonum heermannii</i> (Heermann's Heermann's	G2	S2?		32.035.00	Alliance	Keeler-Wolf and Evens 2006	
1581	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Eriogonum fasciculatum</i>	(California California	G5	S5	32.040.00	Alliance	Cole 1967	Axelrod 1978, Barbour 1994a, 1994b
1582	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Eriogonum fasciculatum</i>				32.040.02	Association	Gordon and White 1994	Evens et al. 2006, Keeler-Wolf and Evens
1583	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Eriogonum fasciculatum</i>	(<i>Lepidospartum squamatum</i>) alluvial			32.070.01	Association	Gordon and White 1994	
1584	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Eriogonum fasciculatum</i>				32.040.05	Association	Keeler-Wolf et al. 1998b	
1585	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Eriogonum fasciculatum</i>				32.040.03	Association	Gordon and White 1994	
1586	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Eriogonum fasciculatum</i>				32.040.08	Association	Klein and Evens 2005	Kummerow et al. 1977, Malanson 1984,
1587	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Cylindropuntia californica farinosa</i>				32.040.10	Association	Klein and Evens 2006	Kummerow et al. 1977, Malanson 1984,
1588	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Gutierrezia sarothrae</i>				32.040.18	Association	Klein and Evens 2005	Kummerow et al. 1977, Malanson 1984,
1589	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Gutierrezia sarothrae</i>				32.040.09	Association	Klein and Evens 2006	Kummerow et al. 1977, Malanson 1984,
1590	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>scoparius</i>				32.040.19	Association	Keeler-Wolf and Evens 2006	
1591	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>ovata</i>				32.040.11	Association	Evens and San 2005	Evens et al. 2006, NatureServe 2007b,
1592	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>mexicana</i>				32.040.06	Association	Keeler-Wolf and Thomas	Keeley 1998, Keeley and Keeley 1988
1593	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>mellifera</i>				32.040.17	Association	Kirkpatrick and Hutchinson	DeSimone and Burk 1992, Gordon and
1594	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>mellifera - Malosma laurina</i>				32.040.07	Association	Keeler-Wolf and Evens 2006	
1595	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Scrophularia californica - Phacelia</i>				32.040.01	Association	Kirkpatrick and Hutchinson	
1596	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Simmondsia chinensis - foliolosum - Hesperoyucca whipplei</i>				32.040.12	Association	Klein and Evens 2005	Kummerow et al. 1977, Malanson 1984,
1597	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>foliolosum - Hesperoyucca whipplei</i>				32.040.16	Association	Evens et al. 2006	
1598	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>foliolosum - Juniperus californica</i>				32.040.13	Association	Evens et al. 2006	
1599	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>polifolium / Eriastrum pluriflorum</i>				32.040.15	Association	Evens et al. 2006	
1600	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>apiana</i>	(California buckwheat - white California	G4	S4	32.100.00	Alliance	Gordon and White 1994	Axelrod 1978, Barbour 1994, Barry
1601	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>apiana</i>				32.100.01	Association	Gordon and White 1994	Evens and San 2005, Jones and Stokes
1602	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>giganteum</i>	(Island buckwheat - Island	G3?	S3?	43.110.00	Provisional Allian	Johnson and Rodriguez 2001	Junak et al. 2007, Philbrick 1972, Thorne
1603	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Eriogonum wrightii</i>	(Wright's Wright's	G3	S3	32.041.00	Alliance	Keeler-Wolf et al. 1998b	
1604	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>confertiflorum / Monardella antonina</i>				32.041.01	Association	Evens et al. 2006	
1605	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>californica</i>				32.041.02	Association	Evens et al. 2006	
1606	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>filaginifolia</i>				32.041.03	Association	Evens and San 2005	Moran 2004a, 2004b, Keeler-Wolf et al.
1607	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Keckiella antirrhinoides</i>	(Bush Bush	G3	S3	32.065.00	Alliance	Klein and Evens 2006	Evens and San 2005
1608	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Keckelia antirrhinoides</i>				32.065.01	Association	Klein and Evens 2005	Minnich and Bahre 1995, Peinado et al.
1609	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>californica</i>				32.065.02	Association	Cione et al. 2002	Evens and San 2005, Gordon and White
1610	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>fasciculatum</i>				32.065.03	Association	Klein and Evens 2005	Minnich and Bahre 1995, Peinado et al.
1611	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Chaparral</i>				32.065.04	Association	Cione et al. 2002	Evens and San 2005, Klein and Evens
1612	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Salvia apiana</i>	(White sage scrub) White sage	G4	S3	32.030.00	Alliance	Evens and San 2005	Klein and Evens 2005
1613	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Salvia apiana - Artemisia californica</i>				32.030.01	Association	DeSimone and Burk 1992	Evens and San 2005
1614	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Salvia apiana - Encelia farinosa</i>				32.030.02	Association	Klein and Evens 2005	
1615	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>whipplei</i>				32.030.03	Association	Evens and San 2005	
1616	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Salvia leucophylla</i>	(Purple sage Purple sage	G4	S4	32.090.00	Alliance	Borchert et al. 2004	
1617	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Salvia leucophylla californica</i>				32.090.03	Association	Keeler-Wolf and Evens 2006	Borchert et al. 2004, Jones and Stokes
1618	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>californica</i>				32.090.01	Association	Kirkpatrick and Hutchinson	Borchert et al. 2004, Jones and Stokes
1619	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>californica - Eriogonum cinereum /</i>				32.090.04	Association	Keeler-Wolf and Evens 2006	Keeley 1988, Keeley and Keeley 1988
1620	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>cinereum / annual herb</i>				32.090.05	Association	Keeler-Wolf and Evens 2006	
1621	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>laurina</i>				32.090.02	Association	Kirkpatrick and Hutchinson	
1622	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Salvia mellifera</i>	(Black sage scrub) Black sage	G4	S4	32.020.00	Alliance	Borchert et al. 2004	Evens and San 2005
1623	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Salvia mellifera</i>				32.020.03	Association	Malanson 1984	Evens and San 2004, Evens and San
1624	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Salvia mellifera - Encelia californica</i>				32.020.04	Association	Malanson 1984	
1625	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>cinereum</i>				32.020.08	Association	Keeler-Wolf and Evens 2006	
1626	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>fasciculatum / Bromus rubens</i>				32.020.06	Association	Kirkpatrick and Hutchinson	NatureServe 2007b, O'Leary 1990, 1995,
1627	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>fasciculatum var. foliolosum -</i>				32.020.07	Association	Evens et al. 2006	
1628	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Salvia mellifera - Lotus scoparius</i>				32.020.09	Association	Klein and Evens 2005	
1629	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Salvia mellifera - Malosma laurina</i>				32.020.01	Association	Kirkpatrick and Hutchinson	Keeler-Wolf and Evens 2006, Keeley and
1630	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Salvia mellifera - Opuntia littoralis</i>				32.020.05	Association	Mooney 1977	Montalvo and McMillan 2002b
1631	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Salvia mellifera - Rhus ovata</i>				32.020.11	Association	Keeler-Wolf and Evens 2006	Keeley and Fotheringham 1998, Keeley
1632	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Dendromecon rigida</i>	(Bush poppy Bush poppy	G4	S4	37.750.00	Alliance	Evens and San 2005	Berg 1966, Bullock 1989, Keeler-Wolf
1633	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Dendromecon rigida</i>				37.750.01	Association	Evens and San 2005	Keeler-Wolf and Evens 2006
1634	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	Upper Sonoran Subshrub Scrub				G4	S3.2		
1635	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Ericameria linearifolia</i>	(Narrowleaf Narrowleaf	G3	S3?	38.125.00	Provisional Allian	Twisselmann 1967	Keeler-Wolf 2007b
1636	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Ericameria palmeri</i>	(Palmer's Palmer's	G3	S3?	38.130.00	Provisional Allian	Klein and Evens 2005.	
1637	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Gutierrezia californica</i>	(California California	G3?	S3?	32.042.00	Provisional Allian	Evens et al. 2006	Bonneau 2000, James et al. 1988,
1638	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>perennial grass - herb</i>				32.042.01	Provisional Assoc	Evens et al. 2006	
1639	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Hazardia squarrosa</i>	(Sawtooth Sawtooth	G3	S3	32.055.00	Alliance	Keeler-Wolf and Evens 2006	
1640	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>californica</i>				32.055.02	Association	Keeler-Wolf and Evens 2006	Keeley and Keeley 1984
1641	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>pulchra - Deinandra fasciculata</i>				32.055.01	Association	Keeler-Wolf and Evens 2006	Keeley and Keeley 1984
1642	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Isocoma menziesii</i>	(Menzies's Menzies's	G4?	S4?	32.044.00	Alliance	Evens and San 2005	
1643	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>albifrons</i>				32.044.03	Association	Junak et al. 2007	
1644	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>miguelsensis - Atriplex californica -</i>				32.044.01	Association	Johnson and Rodriguez 2001	Junak et al. 2007

1645	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>spicata - Paraphalis incurva</i>				32.044.02	Association	Johnson and Rodriguez 2001	Junak et al. 2007
1646	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Lotus scoparius</i> (Deer weed scrub)	Deer weed	G5	S5	52.240.00	Alliance	Evens and San 2005	
1647	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Lotus scoparius</i>				52.240.01	Association	Keeler-Wolf and Evens 2006	Montalvo 2003, NatureServe 2007b,
1648	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Lupinus albilfrons</i> (Silver bush lupine)	Silver bush	G4	S4	32.081.00	Alliance	Keeler-Wolf et al. 2003b	Evens et al. 2006
1649	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Lupinus albilfrons</i>				32.081.01	Association	Keeler-Wolf et al. 2003b	
1650	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>flaccidus</i> var. <i>douglasii</i>				32.081.03	Association	NatureServe 2007b	
1651	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Lupinus albilfrons coastal</i>				32.081.02	Association	Junak et al. 2007	
1652	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Malacothamnus fasciculatus</i> (Bush)	Bush mallow	G4	S4	45.450.00	Alliance	Keeler-Wolf and Evens 2006	Bond and Midgley 2001
1653	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Malacothamnus fasciculatus</i>				45.450.01	Association	Keeler-Wolf and Evens 2006	Lloret et al. 2005
1654	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Ceanothus megacarpus</i>				45.450.02	Association	Keeler-Wolf and Evens 2006	Lloret et al. 2005
1655	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Ceanothus spinosus</i>				45.450.03	Association	Keeler-Wolf and Evens 2006	Lloret et al. 2005
1656	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Malosma laurina</i>				45.450.04	Association	Keeler-Wolf and Evens 2006	Lloret et al. 2005
1657	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>leucophylla</i>				45.450.05	Association	Keeler-Wolf and Evens 2006	Lloret et al. 2005
1658	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>mellifera</i>				45.450.06	Association	Keeler-Wolf and Evens 2006	Lloret et al. 2005
1659	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Others</i> (Broom patches)	Semi-Broom			32.180.00	Semi-natural Stai	Alvarez 2000	DiTomaso and Healy 2007
1660	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Genista monspessulana</i>				32.180.01	Semi-natural Stai	Hoshovsky 2000b	Evens and Kentner 2006, Hoshovsky
1661	2. Mesomorphic	2.B. Mediterranean	2.B.1. Mediterranean Scrub	2.B.1.a. California Scrub	MG044. California Coastal Scrub	<i>Spartium junceum</i>				32.180.02	Semi-natural Stai	Nilsen 2000	Keeler-Wolf and Evens 2006, Zouhar
1662	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	Native Grassland				G3	S3.1		
1663	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	Serpentine Bunchgrass				G2	S2.2		
1664	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Ambrosia psilostachya</i> (Western)	Western	G4	S4?	33.065.00	Provisional Alliance		
1665	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	(Fiddleneck fields)	Fiddleneck	G4	S4	42.110.00	Alliance	Klein and Evens 2005	
1666	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Amsinckia menziesii - Erodium spp.</i>				42.110.01	Association	Klein and Evens 2005	
1667	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>bromoides - Plagiobothrys</i>				42.110.02	Association	NatureServe 2007b	Pavlik 1995, Pavlik et al. 1993, Schiffman
1668	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Artemisia dracunculus</i> (Wild)	Wild tarragon	G4	S4	35.160.00	Alliance	Groen 2005	
1669	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Artemisia dracunculus</i>				35.160.01	Association	NatureServe 2007b	Shultz 2006
1670	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Pseudognaphalium canescens</i>				35.160.02	Association	NatureServe 2007b	Shultz 2006
1671	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Eschscholzia (californica)</i> (California)	California	G4	S4	43.200.00	Alliance	Cook 1965	Bartolome et al. 2007, Clark and Charest
1672	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	Wildflower Field				G2	S2.2		
1673	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Eschscholzia californica</i>				43.200.01	Association	Robinson et al. 1995	NatureServe 2007b, Schiffman 2007,
1674	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>erecta - Vulpia microstachys</i>	California	G4	S4	44.108.00	Alliance	Evens et al. 2004	Klein et al. 2007
1675	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Lasthenia californica</i>				44.109.03	Provisional Assoc	Taylor et al. 1992	Weiss 1999
1676	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>coronata</i> var. <i>notatior</i>				44.109.01	Provisional Assoc	Klein and Evens 2006	
1677	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>bicolor - Layia platyglossa - Bromus</i>				44.109.04	Association	Junak et al. 2007	
1678	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>erecta - Hesperervax sparsiflora</i>				44.108.01	Association	McCarten 1991	Evens and San 2004, Klein and Evens
1679	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>conjugens</i>				52.500.05	Association	Barbour et al. 2007	Grewell et al. 2007
1680	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>lichen-rocky</i>				44.108.02	Association	Evens and San 2004	McCarten 1991
1681	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>elymoides - Achnatherum lemmonii</i>				44.108.08	Association	Klein et al. 2007	
1682	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>californica - Agrostis Elliottiana</i>				44.109.05	Association	Klein et al. 2007	
1683	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>guttatus - Pentagramma triangularis</i>				44.108.05	Association	Klein et al. 2007	
1684	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>tagetina</i>				44.108.09	Association	Klein et al. 2007	
1685	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>pumilum - Lasthenia californica</i>				44.109.06	Association	Evens and San 2004	Klein et al. 2007
1686	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>erecta</i>				44.108.04	Association	Hobbs and Mooney 1991	Evens and San 2004, Evens et al. 2006,
1687	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>erecta - Calycadenia (truncata,</i>				44.108.03	Association	Evens and San 2004	Evens and Kentner 2006, Klein et al.
1688	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>hansenii</i>				44.108.10	Association	Klein et al. 2007	
1689	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>hansenii - Lupinus nanus</i>				44.108.11	Association	Evens, San and Taylor 2004	Klein et al. 2007
1690	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>hansenii - Lupinus spectabilis</i>				44.108.07	Association	Evens and San 2004	Klein et al. 2007
1691	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Lotus purshianus</i> (Spanish clover)	Spanish	G4?	S4?	52.230.00	Provisional Allian	S. Smith 1998	Buck 2007, Klein et al. 2007
1692	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Plagiobothrys nothofulvus</i> (Popcorn)	Popcorn	G4	S4	43.300.00	Alliance	Bartolome et al. 2007a	
1693	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>pusillus - Bromus hordeaceus</i>				43.300.01	Association	cf. Evens et al. 2004	Klein et al. 2007, Schiffman 2007, York
1694	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Leymus condensatus</i> (Giant wild rye)	Giant wild rye	G3	S3	41.265.00	Alliance	Keeler-Wolf and Evens 2006	Keeley 2002b
1695	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Leymus condensatus</i>				41.265.01	Association	Keeler-Wolf and Evens 2006	Keeley 2002b
1696	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Melica torreyana</i> (Torrey's melic)	Torrey's melic	G2	S2?	41.275.00	Provisional Allian	Evens and San 2004	Fiedler and Leidy 1987, Kruckeberg 1984
1697	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Melica torreyana</i>				41.275.01	Provisional Assoc	Evens and San 2004	Fiedler and Leidy 1987, Kruckeberg 1984
1698	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Nassella cernua</i> (Nodding needle)	Nodding	G4	S3?	41.140.00	Provisional Allian	Stoddart et al. 1975	Bartolome et al. 2007a, Dyer 2005b,
1699	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Nassella lepida</i> (Foothill needle)	Foothill needle	G3?	S3?	41.110.00	Provisional Allian	Stoddart et al. 1975	Heady 1977, Keeley 1993a, 2002b,
1700	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Nassella pulchra</i> (Purple needle)	Purple needle	G4	S3?	41.150.00	Alliance	Evens and San 2005	Klein and Evens 2005, Keeler-Wolf and
1701	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	Valley Needlegrass Grassland				G3	S3.1		
1702	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Nassella pulchra</i>				41.150.04	Association	Burcham 1957	Evens and Kentner 2006, Barry 1972,
1703	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Nassella pulchra - Avena fatua</i>				41.150.02	Association	Stoddart et al. 1975	Parker 1990b, Paysen et al. 1980,
1704	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Bromus spp.</i>				41.150.05	Association	Junak et al. 2007	Keeler-Wolf and Evens 2006
1705	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Bromus spp.</i>				41.150.10	Association	Junak et al. 2007	
1706	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Avena barbata</i>				41.150.06	Association	Evens and San 2005	Klein and Evens 2005, Lattig 1976,
1707	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>taraxicoides</i>				41.150.11	Association	Klein et al. 2007	
1708	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Trifolium spp.)</i>				41.150.01	Association	Fiedler and Leidy 1987	Evens and Kentner 2006
1709	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Astragalus gambelianus - Lepidium</i>				41.150.12	Association	Evens and San 2004	
1710	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Calystegia collina</i>				41.150.13	Association	Evens and San 2004	
1711	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	- annual grass				41.150.09	Association	Evens and Kentner 2006	
1712	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>bipinnatifida</i>				41.150.03	Association	White 1966b	Stuart et al. 1993, Turner and Brown
1713	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>piularis</i>				41.150.14	Association	Keeler-Wolf et al. 2003a	Keeley 1990b, 1993a, 1993b
1714	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>squarrosa</i>				41.150.07	Association	Keeler-Wolf and Evens 2006	
1715	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Aegilops triuncialis</i> (Barbed)	Barbed			42.003.00	Provisional Semi-	DiTomaso et al. 2001	Cal-IPC 2006, CDFA 2003, Davy 2007,
1716	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>congesta</i>				42.003.01	Provisional Assoc	Evens and San 2004	
1717	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Avena (barbata, fatua)</i> (Wild oats)	Wild oats			44.150.00	Semi-natural Stai	Keeler-Wolf and Evens 2006	
1718	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Avena barbata</i>				44.150.01	Semi-natural Stai	Parsons and Stohlgren 1989	Stromberg et al. 2007, Wills 2006.
1719	2. Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Avena barbata - Avena fatua</i>				44.150.02	Semi-natural Stai	Evens and San 2004	

1720	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>hordeaceus</i>				44.150.03	Semi-natural Stai	Klein et al. 2007	
1721	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Avena fatua</i>				44.150.04	Semi-natural Stai	Keeler-Wolf and Evens 2006	
1722	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	(Upland mustards) Semi-natural	Upland			42.011.00	Semi-natural Stai	DiTomaso and Healy 2007	
1723	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Brassica nigra</i>				42.011.01	Semi-natural Stai	Keeler Wolf and Evens 2006	Keeler-Wolf and Vaghti 2000, Sanders
1724	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Brassica nigra - Bromus diandrus</i>				42.011.02	Semi-natural Stai	Keeler Wolf and Evens 2006,	
1725	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>dumosa</i>				42.011.03	Semi-natural Stai	Evens and Hartman 2007	
1726	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Raphanus sativus</i>				42.011.04	Semi-natural Stai	Keeler-Wolf and Vaghti 2000	Sanders and Minnich 2000
1727	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	Non Native Grassland		G4 S4					
1728	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Brachypodium distachyon</i> (Annual	Annual brome			42.026.00	Semi-natural Stands		
1729	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Brachypodium distachyon</i>				42.040.03	Semi-natural Stai	Keeler-Wolf et al. 2003a	Keeley 2006
1730	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Bromus diandrus</i>				42.026.21	Semi-natural Stai	Keeler-Wolf and Evens 2006	Solomeshch and Barbour 2006, Klein et
1731	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Bromus diandrus - Avena spp.</i>				42.026.22	Semi-natural Stai	Keeler-Wolf and Evens 2006	
1732	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Bromus diandrus - Mixed herbs</i>				42.026.11	Semi-natural Stai	Klein and Evens 2006	
1733	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>caryophyllaea</i>				42.026.20	Semi-natural Stai	Jimerson et al. 2000	
1734	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>menziesii - Hordeum murinum</i>				42.026.23	Semi-natural Stai	Evens and San 2004	
1735	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>tectorum</i>				42.026.08	Semi-natural Stai	Jimerson et al. 2000	
1736	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Dichelostemma multiflorum</i>				42.026.10	Semi-natural Stai	Jimerson et al. 2000	
1737	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>botrys</i>				42.026.09	Semi-natural Stai	Jimerson et al. 2000	
1738	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>botrys - Plagiobothrys fulvus</i>				42.026.13	Semi-natural Stai	Klein et al. 2007	
1739	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>virgata - Lolium perenne</i>				42.026.15	Semi-natural Stai	Evens et al. 2004	
1740	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>virgata - Taeniatherum caput -</i>				42.026.14	Semi-natural Stai	Evens et al. 2004	
1741	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>taraxacoides</i>				42.026.17	Semi-natural Stai	Klein et al. 2007	
1742	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>douglasii</i>				42.026.16	Semi-natural Stai	Jimerson et al. 2000	
1743	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>nanus - Trifolium spp.</i>				42.026.18	Semi-natural Stai	Evens et al. 2004	Klein et al. 2007
1744	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>caput - medusae</i>				42.026.07	Semi-natural Stai	Jimerson et al. 2000	
1745	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Bromus hordeaceus - Vulpia hirsuta</i>				42.026.02	Semi-natural Stai	Kopecko and Lathrop 1975	
1746	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Lolium multiflorum) - Trifolium hirtum</i>				42.026.19	Semi-natural Stai	Evens et al. 2004	Klein et al. 2007
1747	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Bromus rubens</i>				42.024.01	Semi-natural Stai	Keeler-Wolf et al. 1998b	
1748	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Bromus rubens - mixed herbs</i>				42.024.02	Semi-natural Stai	Evens and San 2005	Klein and Evens 2005
1749	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	(<i>arabicus, barbatus</i>) (Red brome or	Red brome or			42.024.00	Semi-natural Stai	Brown and Minnich 1986	Brooks 2000a, b, Brooks and Pyke 2001
1750	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Schimus playa</i>				42.024.03	Semi-natural Stai	Keeler-Wolf et al. 1998b	
1751	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	(Yellow star-thistle fields) Semi-	Yellow star-			42.042.00	Semi-natural Stai	DiTomaso and Gerlach 2000	DiTomaso and Healy 2007
1752	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>nigra</i>				42.042.01.	Semi-natural Stai	Keeler-Wolf and Evens 2006	
1753	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Centaurea solstitialis</i>				42.042.02.	Semi-natural Stai	Klein et al. 2007	
1754	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>distachyon.</i>				42.040.04.	Semi-natural Stai	Evens et al. 2004	
1755	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Centaurea (virgata)</i> (Knapweed and	Knapweed			42.043.00	Provisional Semi- CDFA 2006		Cal-IPC 2006, Keil and Ochsmann 2006,
1756	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>vulgare</i> (Poison hemlock or fennel	Poison			45.556.00	Semi-natural Stai	Drewitz 2000	Bean and Russo 2001, DiTomaso and
1757	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Conium maculatum</i>				45.556.01	Semi-natural Stai	Keeler-Wolf and Vaghti 2000	Klinger 2000
1758	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Foeniculum vulgare</i>				45.556.02	Semi-natural Stai	Keeler-Wolf and Evens 2006	
1759	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	(Pampas grass patches) Semi-	Pampas grass			42.070.00	Semi-natural Stai	Keeler-Wolf and Vaghti 2000	NatureServe 2007
1760	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Cynosurus echinatus</i> (Annual	Annual dogtail			42.044.00	Semi-natural Stai	Jimerson et al. 2000	
1761	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Arrhenatherum elatius /</i>				42.044.07	Semi-natural Stai	Jimerson et al. 2000	
1762	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>hordeaceus - Avena fatua</i>				42.044.01	Semi-natural Stai	Jimerson et al. 2000	
1763	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>hordeaceus - Madia elegans</i>				42.044.02	Semi-natural Stai	Jimerson et al. 2000	
1764	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>hordeaceus - Taeniatherum caput-</i>				42.044.04	Semi-natural Stai	Jimerson et al. 2000	
1765	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>hordeaceus - Taraxacum officinale</i>				42.044.03	Semi-natural Stai	Jimerson et al. 2000	
1766	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>ramosissima</i>				42.044.05	Semi-natural Stai	Jimerson et al. 2000	
1767	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Lolium perenne</i> (Perennial rye grass	Perennial rye			41.321.00	Semi-natural Stai	Keeler-Wolf and Vaghti 2000	Pickart 2006, Klein et al. 2007, Carey
1768	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Lolium perenne</i>				41.321.01	Semi-natural Stai	Keeler-Wolf and Evens 2006	
1769	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>hordeaceus</i>				41.321.02	Semi-natural Stai	O'Neil and Egan 2004	Keeler-Wolf and Evens 2006
1770	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>muehlenbergii</i>				41.321.03	Semi-natural Stai	Klein et al. 2007	
1771	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>arvensis</i>				41.321.08	Semi-natural Stai	Hickson and Keeler-Wolf	
1772	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>arundinacea</i>				41.321.09	Semi-natural Stai	Pickart 2006	Sullivan 1992
1773	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>congesta</i>				41.321.04	Semi-natural Stai	Evens and San 2004	
1774	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	- <i>Ranunculus californicus</i>				41.321.05	Semi-natural Stai	Evens et al. 2004	
1775	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Lolium perenne - Lepidium latifolium</i>				41.321.10	Semi-natural Stai	Keeler-Wolf and Vaghti 2000	
1776	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Lolium perenne - Leymus triticoides</i>				41.321.06	Semi-natural Stai	O'Neil and Egan 2004	
1777	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Lolium perenne - Lotus corniculatus</i>				41.321.11	Semi-natural Stai	Pickart 2006	cf. Keeler-Wolf and Vaghti 2000
1778	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>perenne</i>				41.321.12	Provisional Semi- Klein et al. 2007		
1779	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>Pennisetum setaceum</i> (Fountain	Fountain			42.085.00	Semi-natural Stai	Keeler-Wolf and Evens 2006	Benton 1998 , DiTomaso and Healy 2007
1780	2.	Mesomorphic	2.B. Mediterranean	2.B.2. Mediterranean	2.B.2.a. California Grassland and	MG045. California Annual and	<i>gigantea - Hesperoyucca whipplei -</i>				42.085.01	Stand Type	Lovich 2000	Keeler-Wolf and Evens 2006
1781	2.	Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex douglasii</i> (Douglas' sedge	Douglas'	G4? S2?		45.169.00	Provisional Allian	Padgett and Manning 1988	S. Smith 1998, Manning 1998
1782	2.	Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Iris missouriensis</i> (Western blue flag	Western blue	G5 S4		45.401.00	Provisional Allian	Manning and Padgett 1995	Stevens 2000b, Weixelman et al. 1999
1783	2.	Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Muhlenbergia filiformis</i> (Pullup	Pullup muhly	G4? S4?		41.276.00	Provisional Allian	Ratliff 1985	S. Smith 1998
1784	2.	Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Phylodoce empetriformis</i> (Mountain	Mountain	G5 S2?		45.404.00	Provisional Allian	Franklin and Dyrness 1988	Franklin and Dyrness 1988, Sawyer and
1785	2.	Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Veratrum californicum</i> (White corn	White corn lily	G5 S4		45.423.00	Alliance	Keeler-Wolf et al. 2003b	
1786	2.	Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Veratrum californicum</i>				45.423.02	Association	Manning and Padgett 1995	S. Smith 1998, Weixelman et al. 1999
1787	2.	Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>bistortoides</i>				45.423.03	Association	Potter 2005	
1788	2.	Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>nevadensis</i>				45.423.04	Association	Nachlinger 1985	
1789	2.	Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>triangularis</i>				45.423.01	Association	Taylor 1984	Keeler-Wolf et al. 2003b
1790	2.	Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex heteroneura</i> (Different-nerve	Different-	G3? S3?		45.115.00	Provisional Allian	Benedict 1983	Cheng 2004
1791	2.	Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>millefolium</i>				45.115.01	Provisional Assoc	Benedict 1983	
1792	2.	Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex integra</i> (Small-fruited sedge	Small-fruited	G4? S2?		45.175.00	Provisional Allian	Smith 1998	Cheng 2004
1793	2.	Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex jonesii</i> (Jones's sedge turf)	Jones's sedge	G4 S3		45.162.00	Alliance	Potter 2005	
1794	2.	Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex jonesii</i>				45.162.02	Association	S. Smith 1998	

1795	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex jonesii</i> - <i>Bistorta bistortoides</i>			45.162.01	Association	Potter 2005	
1796	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex subsecundum</i>			45.162.03	Association	Cooper and Wolf 2006	
1797	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex lasiocarpa</i> (Slender sedge)	Slender sedge	G5? S3?	45.166.00	Provisional Allian	Smith 1998	Keeler-Wolf and Moore 2001, Potter 2003
1798	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex lasiocarpa</i>			45.166.01	Association	Cooper and Wolf 2006	cf. S. Smith 1998
1799	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex luzulina</i> (Woodland sedge)	Woodland	G3 S2?	45.179.00	Provisional Allian	Murray 2000	Christy 2004, Cooper and Wolf 2006
1800	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex microptera</i> (Small-winged)	Small-winged	G4 S2?	45.181.00	Provisional Allian	Manning and Padgett 1995	S. Smith 1998, Johnston 1987
1801	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex nebrascensis</i> (Nebraska)	Nebraska	G5 S4	45.130.00	Alliance	Mason 1957	
1802	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex nebrascensis</i>			45.130.01	Association	Beguín and Major 1975	Burke 1987, Cooper and Wolf 2006,
1803	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex kingii</i>			45.130.02	Association	Halpern 1986	Hermann 1970
1804	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex simulata</i> (Short-beaked)	Short-beaked	G4 S3	45.190.00	Alliance	S. Smith 1998	Potter 2005
1805	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex simulata</i>			45.190.01	Association	Nachlinger 1985	Cooper and Wolf 2006, Manning and
1806	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex simulata</i> - <i>Carex utriculata</i>			45.190.04	Association	Beguín and Major 1975	Burke 1987, Cooper and Wolf 2006
1807	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex simulata</i> - <i>Carex vesicaria</i>			45.190.05	Association	Burke 1987	
1808	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex palustre</i>			45.190.02	Association	Cooper and Wolf 2006	
1809	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex simulata</i> / <i>Philonotis fontana</i>			45.190.03	Association	Cooper and Wolf 2006	
1810	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex straminiformis</i> (Mount Shasta)	Mount Shasta	G3? S3?	45.185.00	Provisional Allian	Jackson and Bliss 1982	Nachlinger 1985, Cheng 2004
1811	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex subnigricans</i> (Dark alpine)	Dark alpine	G4 S3	45.186.00	Alliance	Potter 2005	
1812	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex media</i>			45.186.01	Association	Major and Taylor 1977	
1813	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex caespitosa</i>			45.186.05	Association	Major and Taylor 1977	
1814	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex alpinum</i>			45.186.03	Association	Taylor 1984	
1815	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex alpigenum</i>			45.186.02	Association	Potter 2005	
1816	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex vernacula</i> - <i>Antennaria media</i>			45.110.22	Association	Taylor 1984	
1817	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Carex atollens</i>			45.186.04	Association	Major and Taylor 1977	
1818	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Deschampsia caespitosa</i> (Tufted)	Tufted hair	G5 S4?	41.220.00	Alliance	S. Smith 1998	Potter 2005, Keeler-Wolf et al. 2003a
1819	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Deschampsia caespitosa</i>			41.220.08	Association	Manning and Padgett 1995	S. Smith 1998
1820	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Anthoxanthum odoratum</i>			41.220.05	Association	Heady et al. 1977	
1821	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>bistortoides</i>			41.220.12	Association	Keeler-Wolf et al. 2003b	
1822	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Cardamine breweri</i>			41.220.02	Association	Benedict 1983	Ford and Hayes 2007
1823	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>nebrascensis</i>			41.220.01	Association	Allen-Diaz 1991	Manning and Padgett 1995
1824	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Danthonia californica</i>			41.220.09	Association	Keeler-Wolf et al. 2003a	
1825	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>marinensis</i>			41.220.13	Association	Keeler-Wolf et al. 2003a	
1826	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Lilaeopsis masonii</i>			41.220.14	Association	Hickson and Keeler-Wolf	
1827	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Perideridia parishii</i>			41.220.11	Association	Potter 2005	
1828	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>scorzonella</i>			41.220.03	Association	Benedict 1983	Ford and Hayes 2007
1829	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>scorzonella</i> - <i>Achillea millefolium</i>			41.220.04	Association	Benedict 1983	Ford and Hayes 2007
1830	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>multiradiata</i>			41.220.07	Association	Taylor 1984	Walsh 1995a
1831	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>longipes</i>			41.220.10	Association	Ratcliff 1982	Ratcliff 1985, Sawyer and Keeler-Wolf
1832	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>holciiformis</i>			41.220.15	Association	Pickart 2006	
1833	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Juncus nevadensis</i> (Sierra rush)	Sierra rush	G3? S3?	45.567.00	Association	S. Smith 1998	Potter 2005, Cooper and Wolf 2006
1834	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Juncus nevadensis</i>			45.567.01	Association	S. Smith 1998	Potter 2005, Cooper and Wolf 2006
1835	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>leporinella</i>			45.567.02	Association	Keeler-Wolf et al. 2003b	
1836	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>quinqueflora</i>			45.567.03	Association	Beguín and Major 1975	
1837	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Solidago canadensis</i> (Canada)	Canada	G4? S4?	45.420.00	Provisional Allian	Hartnett and Bazzaz 1983	Coladanato 1993, Goldberg 1987, 1988,
1838	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG047. Western Cordilleran	<i>Trifolium longipes</i> (Long-stalk clover)	Long-stalk	G3? S3?	45.426.00	Provisional Allian	Ratcliff 1982	Ratcliff 1985, S. Smith 1998, Weixelman et
1839	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Aristida purpurea</i> (Purple three-awn)	Purple three-	G4 S3?	45.425.00	Provisional Allian	Evens and San 2005	
1840	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Elymus glaucus</i> (Blue wild rye)	Blue wild rye	G3? S3?	41.640.00	Alliance	Keeler-Wolf et al. 2003b	
1841	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Elymus glaucus</i>			41.640.01	Provisional Assoc	Keeler-Wolf et al. 2003b	
1842	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Elymus glaucus</i> - <i>Carex feta</i>			41.640.03	Association	Keeler-Wolf et al. 2003b	
1843	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Elymus glaucus</i> - <i>Carex pellita</i>			41.640.02	Association	Keeler-Wolf et al. 2003b	
1844	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>lanatum</i>			41.640.04	Association	Keeler-Wolf et al. 2003b	
1845	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Elymus multisetus</i> (Big squirreltail)	Big squirreltail	G4 S4?	41.650.00	Provisional Allian	Evens and San 2004	Evens et al. 2005
1846	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Bald Hills Prairie</i>		G2 S2.1				
1847	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Festuca idahoensis</i> (Idaho fescue)	Idaho fescue	G4 S3?	41.250.00	Alliance	Evens and Kentner 2006	
1848	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>millefolium</i>			41.250.03	Association	Paysen et al. 1980	Jimerson 1993, Kruckeberg 1984, Sawyer
1849	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>carinatus</i>			41.250.01	Association	Evens and Kentner 2006	
1850	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Festuca idahoensis</i> - <i>Festuca rubra</i>			41.250.02	Association	Evens and Kentner 2006	
1851	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Leymus cinereus</i> (Ashy ryegrass)	Ashy ryegrass	G4 S2	41.020.00	Alliance	Heady 1977	Anderson 2002a, Barry 1989a, b, CNDDB
1852	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Poa secunda</i> (Curly blue grass)	Curly blue	G4 S3?	41.180.00	Alliance	Hickson et al. 2007	Heady 1977, Howard 1997b, Manning
1853	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Pine Bluegrass Grassland</i>		G3 S2.2				
1854	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Poa secunda</i> - <i>Danthonia unispicata</i>			41.180.04	Association	Howard 1997b	Hickson et al. 2007
1855	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Poa secunda</i> ssp. <i>juncifolia</i>			41.180.03	Association	Weixelman et al. 1999	
1856	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Poa secunda</i> ssp. <i>secunda</i>			41.180.02	Association	Manning and Padgett 1995	
1857	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Festuca arundinacea</i> (Bent grass -)	Bent grass -		45.106.00	Semi-natural Stai	Pickart 2006	
1858	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Agrostis gigantea</i>			45.106.01	Semi-natural Stai	S. Smith 1998	
1859	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Agrostis stolonifera</i>			45.106.02	Association	Pickart 2006	
1860	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>arundinacea</i>			45.106.03	Association	Pickart 2006	
1861	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Holcus lanatus</i>			42.050.08	Stand Type	Pitcher and Russo 1988a	Pitcher and Russo 1988b, Pickart 2006
1862	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>odoratum</i>			42.050.09	Stand Type	Keeler-Wolf et al. 2003a	
1863	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>odoratum</i> (Common velvet grass -)	Common		42.050.00	Semi-natural Stai	Pickart 2006	Keeler-Wolf et al. 2003, Ford and Hayes
1864	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Phalaris aquatica</i> (Harding grass)	Harding grass		42.051.00	Semi-natural Stai	Keeler-Wolf and Vaghti 2000	Evens and San 2004, Jimerson et al.
1865	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Phalaris aquatica</i>			42.051.02	Stand Type	Keeler-Wolf and Vaghti 2000	
1866	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Phalaris aquatica</i> - <i>Avena barbata</i>			42.051.03	Provisional Assoc	Harrington and Lanini 2000	Evens and San 2004
1867	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>hordeaceus</i> - <i>Centaurea solstitialis</i>			42.051.01	Stand Type	Jimerson, et al. 2000	
1868	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Poa pratensis</i> (Kentucky blue grass)	Kentucky blue		42.060.00	Semi-natural Stai	S. Smith 1998	Potter 2005, NatureServe 2007a
1869	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Poa pratensis</i>			42.060.05	Stand Type		

1870	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG048. Western North American	(<i>nebrascensis, pellita</i>)				42.060.01	Stand Type	Allen-Diaz 1991	DiTomaso and Healy 2007
1871	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Luzula comosa</i>				42.060.04	Stand Type	Stuart et al. 1993	Uchytíl 1993
1872	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Poa pratensis - Potentilla gracilis</i>				42.060.02	Stand Type	Allen-Diaz 1991	DiTomaso and Healy 2007, Potter 2005
1873	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Poa pratensis ssp. pratensis</i>				42.060.07	Stand Type	Weixelman et al. 1999	Wennerberg 2004a
1874	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Poa pratensis ssp. agassizensis</i>				42.060.06	Stand Type	Weixelman et al. 1999	Wennerberg 2004a
1875	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Bromus tectorum</i> (Cheatgrass)	Cheatgrass			42.020.00	Semi-natural Sta	Beatley 1966	Carpenter and Murray 2005, DiTomaso
1876	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Bromus tectorum</i>				42.020.01	Semi-natural Sta	Stuart et al. 1993	Evens and San 2005
1877	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG048. Western North American	<i>Bromus tectorum - Bromus diandrus</i>				42.020.02	Semi-natural Sta	White 1994a	Young and Evans 1995, Zouhar 2003,
1878	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Calamagrostis canadensis</i> (Bluejoint)	Bluejoint reed	G5 S3		41.224.00	Alliance	Keeler-Wolf and Moore 2001	Potter 2003
1879	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Calamagrostis canadensis</i>				41.224.01	Association	Keeler-Wolf and Moore 2001	
1880	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>utriculata</i>				41.224.02	Association	Cooper and Wolf 2006	
1881	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Dodecatheon redolens</i>				41.224.03	Association	Benedict 1983	
1882	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>microcarpus</i>				41.224.04	Association	Halpern 1986	
1883	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	Dry Montane Meadow		G4 S3.2					
1884	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>(diffusum)</i> (Pussypaws -	Pussypaws -	G4 S4		45.311.00	Alliance	Stillman 1980	Imper 1988a; Keeler-Wolf and Keeler-
1885	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>umbellatum)</i>				45.311.01	Association	Potter 1998	
1886	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Achnatherum occidentale</i>				45.311.02	Association	Imper 1988a, see Cheng	
1887	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Cistanthe - Castilleja arachnoidea</i>				45.311.03	Association	Stillman 1980	
1888	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>diffusum</i>				45.311.04	Association	Potter 2005	
1889	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Danthonia intermedia</i> (Wild	Wild mountain	G4? S3?		41.051.00	Alliance	Chappell et al. 1997	Cheng 2004, Keeler-Wolf et al. 2003b,
1890	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>rosea</i>				41.051.01	Provisional Assoc	Keeler-Wolf et al. 2003b	
1891	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>kingii</i>				41.051.02	Provisional Assoc	Keeler-Wolf et al. 2003b	
1892	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Hordeum brachyantherum</i> (Meadow	Meadow	G4 S3?		42.052.00	Alliance	Evens and Kentner 2006	S. Smith 1998, Klein et al. 2007
1893	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Hordeum brachyantherum</i>				42.052.01	Association	Manning and Padgett 1995	S. Smith 1998
1894	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>pratensis</i>				42.052.04	Association	Potter 2005	Patterson and Cooper 2007
1895	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Polypogon monspeliensis</i>				42.052.02	Association	Evens et al. 2004	Ford and Hayes 2007
1896	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>triangularis</i>				42.052.03	Association	Stillman 1980	Sawyer and Keeler-Wolf 2007
1897	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Muhlenbergia richardsonis</i> (Mat	Mat muhly	G4? S4?		41.277.00	Provisional Allian	Major and Taylor 1977	Benedict 1983, Ratliff 1985, S. Smith
1898	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Penstemon heterodoxus</i> (Heretic	Heretic	G4? S3?		45.414.00	Provisional Allian	Benedict 1983	Major and Taylor 1977, Ratliff 1985,
1899	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>heterodoxus</i>				91.120.02	Provisional Assoc	Major and Taylor 1977	
1900	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Ptilagrostis kingii</i> (King's needle	King's needle	G4 S4		41.225.00	Alliance	Keeler-Wolf et al. 2003b	Potter 2005
1901	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Ptilagrostis kingii</i>				41.225.01	Association	Keeler-Wolf et al. 2003b	
1902	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>alpigenum</i>				41.225.02	Association	Potter 2005	Sawyer and Keeler-Wolf 2007
1903	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>scorzonella</i>				91.120.25	Association	Taylor 1984	
1904	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Holodiscus discolor</i> (Ocean spray	Ocean spray	G4 S3		39.100.00	Alliance	Barry 1989a	Allen et al. 1991, Archer 2000, Barry
1905	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>patula</i>				39.100.03	Association	Sawyer and Thornburgh 1997	
1906	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>corymbosa</i>				39.100.04	Association	Taylor and Tearle 1979a	
1907	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>racemosa</i>				39.100.06	Association	Keeler-Wolf et al. 2003a	Morgan and Neuenschwander 1988
1908	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>occidentalis - Eriogonum nudum</i>				39.100.02	Association	Burke 1982	
1909	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>suksdorfii</i>				39.100.01	Association	Burke 1982	
1910	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>obsusatum ssp. boreale -</i>				39.100.05	Association	Keeler-Wolf et al.2003a	Morgan and Neuenschwander 1988
1911	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Juncus parryi</i> (Parry's rush	Parry's rush	G4 S4		45.566.00	Alliance	Keeler-Wolf et al. 2003b	
1912	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Juncus parryi - Eriogonum incanum</i>				45.566.01	Association	Taylor 1984	Keeler-Wolf et al. 2003b, Sawyer and
1913	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Penstemon newberryi</i> (Mountain	Mountain	G4 S4		45.415.00	Alliance	Keeler-Wolf et al. 2003b	
1914	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>tortuosus - Sedum obtusatum ssp.</i>				45.415.03	Association	Keeler-Wolf et al. 2003b	Sawyer and Keeler-Wolf 2007, Taylor
1915	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>tortuosus / Selaginella watsonii</i>				45.415.04	Association	Keeler-Wolf et al. 2003b	Sawyer and Keeler-Wolf 2007
1916	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>tortuosus / Spiraea densiflora</i>				45.415.02	Association	Taylor 1984	Keeler-Wolf et al. 2003b, Sawyer and
1917	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Phyllodoce breweri</i> (Mountain	Mountain	G4 S4?		45.402.00	Alliance	Cheng 2004	Keeler-Wolf et al. 2003b
1918	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>mertensiana - Juncus parryi</i>				45.402.02	Association	Pemble 1970	
1919	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Phyllodoce breweri - Juncus parryi</i>				45.402.01	Association	Taylor 1984	Keeler-Wolf et al. 2003b
1920	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>caespitosum</i>				45.405.01	Association	Potter 2005	
1921	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Ceanothus integerrimus</i> (Deer brush	Deer brush	G4 S4		37.206.00	Alliance	Adams 1962	Barry 1989a, 1989b, Cronmiller 1959,
1922	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	Deer Brush Chaparral		G4 S4					
1923	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Ceanothus integerrimus</i>				37.206.01	Association	Gordon and White 1994	Griffin 1982, Howard
1924	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Arctostaphylos viscida</i>				37.206.04	Association	Keeler-Wolf et al. 2003b	
1925	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>garryana var. fruticosa</i>				37.206.05	Association	Klein et al. 2007	Paysen et al. 1980, Shiflet 1994
1926	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Lithocarpus densiflorus - Arbutus</i>				37.206.03	Association	Stuart et al. 1993	
1927	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>chrysolepis / Elymus glaucus</i>				37.206.02	Association	Stuart et al. 1993	
1928	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Prunus emarginata</i> (Bitter cherry	Bitter cherry	G4 S4		37.900.00	Provisional Allian	Keeler-Wolf et al. 2003a	Esser 1995a
1929	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Quercus garryana</i> (Brewer oak	Brewer oak	G4 S4		37.411.00	Alliance	Keeler-Wolf et al. 2003b	Lee 2004
1930	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	Shin Oak Chaparral		G3 S3.3					
1931	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Quercus garryana shrub</i>				37.411.03	Provisional Assoc	Klein et al. 2007	
1932	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>californica</i>				37.411.04	Association	Jimmerson 1993	
1933	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>patula</i>				37.411.05	Association	Sawyer 1981a	
1934	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>montanus</i>				37.411.06	Association	Nixon and Muller 1997	Lee 2004
1935	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Artemisia cana</i> (Silver sagebrush	Silver	G5 S3		35.150.00	Alliance	Keeler-Wolf and Moore 2001	
1936	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>richardsonis</i>				35.150.06	Association	Manning and Padgett 1995	
1937	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Artemisia cana / cold</i>				35.150.01	Association	S. Smith 1998	
1938	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Artemisia cana / dry graminoid</i>				35.150.02	Association	McArthur 1994	Manning and Padgett 1995, S. Smith
1939	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Juncus arcticus var. balticus</i>				35.150.05	Association	Kovalchik 1987	Keeler-Wolf et al. 2003b, Weixelman et
1940	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>var. balticus</i>				35.150.04	Association	Manning and Padgett 1995	McArthur 1994, Weixelman et al. 1999
1941	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>secunda - Poa cusickii</i>)				35.150.07	Association	Weixelman et al. 1999	Young et al. 1977, 2007
1942	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Artemisia cana / warm</i>				35.150.03	Association	S. Smith 1998	
1943	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Rhus trilobata</i> (Basket bush	Basket bush	G4 S3?		37.802.00	Provisional Allian	Keeler-Wolf et al. 1998	Nesom 2003, Evens and San 2005
1944	2. Mesomorphic	2.C. Temperate	2.C.1. Temperate Grassland, 2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Prunus virginiana</i> (Choke cherry	Choke cherry	G4 S2?		37.905.00	Provisional Allian	Evens and San 2005	Johnson 2000c, NatureServe 2007a,

1945	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG049. Western Cordilleran	<i>Ribes quercetorum</i> (Oak gooseberry	Oak	G2 S2?	37.960.00	Provisional Allian	Marshall 1975b	Klein and Evens 2006
1946	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	Coastal Terrace Prairie		G2 S2.1				
1947	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Calamagrostis nutkaensis</i> (Pacific	Pacific reed	G4 S2	41.190.00	Alliance	Hektner and Foin 1977	
1948	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Calamagrostis nutkaensis</i>			41.190.03	Association	Hektner and Foin 1977	
1949	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Baccharis pilularis</i>			41.190.01	Association	Keeler-Wolf et al. 2003b	
1950	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>obnupta. - Juncus spp.</i>			41.190.02	Association	Keeler-Wolf et al. 2003b	
1951	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Danthonia californica</i> (California oat	California oat	G4 S3	41.050.00	Provisional Allian	S. Smith 1998	Keeler-Wolf et al. 2003a
1952	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Danthonia californica</i>			41.050.05	Association	S. Smith 1998	
1953	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>caryophyllea</i>			41.050.04	Association	Keeler-Wolf et al. 2003b	Ford and Hayes 2007, Hektner et al.
1954	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Arrhenatherum elatius</i>			41.050.01	Association	Grenier 1989	
1955	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>elymoides</i>			41.050.02	Association	Stuart et al. 1992	
1956	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Muhlenbergia filiformis</i>			41.050.03	Association	Helms and Ratliff 1987	
1957	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Festuca rubra</i> (Red fescue	Red fescue	G4 S3?	41.255.00	Alliance	Keeler-Wolf et al. 2003a	
1958	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Festuca rubra</i>			41.255.01	Association	Walsh 1995b	Keeler-Wolf et al. 2003a, Michaels 2004
1959	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>muninum</i>			37.950.01	Association	Keeler-Wolf et al. 2003a	Zimmerman 1991b
1960	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	(Hazelnut scrub) Alliance	Hazelnut	G3 S2?	37.950.00	Alliance	Keeler-Wolf et al. 2003a	Anderson 2005, Haeussler and Coates
1961	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>ursinus</i>) (Coastal brambles) Alliance	Coastal	G4 S3	63.901.00	Alliance		
1962	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>spectabilis - Rubus parviflorus</i>			63.901.01	Association	Belsher 1999	
1963	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Rubus parviflorus</i>			63.901.03	Association	Belsher 1999	
1964	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>spectabilis - Rubus ursinus</i>			63.901.02	Association	Belsher 1999	
1965	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Rubus spectabilis</i>			63.901.04	Association	Belsher 1999	Keeler-Wolf et al. 2003a, Sawyer and
1966	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Rubus ursinus</i>			63.901.05	Association	Heady et al. 1977	Duebendorfer 1989
1967	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Toxicodendron diversilobum</i> (Poison	Poison oak	G4 S4	37.940.00	Alliance	Keeler-Wolf et al. 2001	
1968	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	Poison Oak Chaparral		G3 S3.3				
1969	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Artemisia californica / Leymus</i>			37.940.02	Association	Keeler-Wolf and Evens 2006	
1970	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Baccharis pilularis - Rubus</i>			37.940.01	Association	Keeler-Wolf et al. 2003a	
1971	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Diplacus aurantiacus</i>			37.940.03	Association	Keeler-Wolf and Evens 2006	
1972	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Philadelphus lewisii</i>			37.940.04	Association	Potter 2005	
1973	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Bromus hordeaceus - Micropus</i>			37.940.05	Association	Evens et al. 2004	
1974	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Bromus hordeaceus - Vicia villosa -</i>			37.940.06	Association	Evens et al. 2004	
1975	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>herbaceous</i>			37.940.08	Association	Klein et al. 2007	
1976	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Pteridium aquilinum</i>			37.940.07	Association	Evens and San 2005	Howard 1994
1977	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Rubus armeniicus</i> (Himalayan	Himalayan		63.906.00	Semi-natural Sta	Keeler-Wolf and Vaghti 2000	
1978	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Rubus armeniicus</i>			63.906.01	Stand Type	Keeler-Wolf and Vaghti 2000	Hickson and Keeler-Wolf 2007,
1979	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.a. Vancouverian and Rocky	MG050. Vancouverian Lowland	<i>Rubus armeniicus - Rubus ursinus</i>			63.906.02	Stand Type	Potter 2005	Tirmenstein 1989e.
1980	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	Semi Desert Chaparral		G3 S3.2				
1981	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	(Redshank chaparral) Alliance	Redshank	G4 S4	37.501.00	Alliance	Gordon and White 1994	Borchert et al. 2004, Keeler-Wolf and
1982	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	Red Shank Chaparral		G3 S3.2				
1983	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Adenostoma sparsifolium</i>			37.501.01	Association	Gordon and White 1994	Borchert et al. 2004, Keeler-Wolf and
1984	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Adenostoma fasciculatum -</i>			37.503.05	Association	Klein and Evens 2005	McMurray 1990a, Marion 1943, Vogl
1985	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Adenostoma fasciculatum -</i>			37.503.03	Association	Gordon and White 1994	Hanes 1965, 1977, 1981, Howard 1993,
1986	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Adenostoma fasciculatum -</i>			37.503.04	Association	Keeler-Wolf and Evens 2006	Keeley and Keeley 1988
1987	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Adenostoma fasciculatum -</i>			37.503.02	Association	Gordon and White 1994	Klein and Evens 2005, McMurray 1990a,
1988	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Adenostoma fasciculatum -</i>			37.503.01	Association	Gordon and White 1994	Hanes 1965, 1977, 1981, Howard 1993
1989	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Adenostoma fasciculatum - Opuntia</i>			37.503.06	Association	Klein and Evens 2005	McMurray 1990a, Marion
1990	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Artemisia tridentata</i>			37.501.02	Association	Klein and Evens 2005	
1991	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Ceanothus crassifolius</i>			37.501.03	Association	Klein and Evens 2005	
1992	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Ceanothus cuneatus</i>			37.501.04	Association	Klein and Evens 2005	Borchert et al. 2004
1993	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Cercocarpus montanus</i>			37.502.01	Association	Gordon and White 1994	Hanes 1965, 1977, 1981, Howard 1993
1994	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Ericameria linearifolia - Eriogonum</i>			37.501.06	Association	Klein and Evens 2005	McMurray 1990a, Marion 1943, Vogl
1995	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Eriogonum fasciculatum - Lotus</i>			37.501.07	Association	Klein and Evens 2005	McMurray 1990a, Marion 1943, Vogl
1996	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Quercus cornelius-mulleri</i> (Muller	Muller oak	G4 S4	37.415.00	Alliance	Gordon and White 1994	Keeler-Wolf et al. 1998b, Klein and Evens
1997	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Adenostoma sparsifolium -</i>			37.415.04	Association	Klein and Evens 2005	Nixon 2002, Nixon and Muller 1997,
1998	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Adenostoma sparsifolium -</i>			37.415.05	Association	Klein and Evens 2005	Nixon 2002, Nixon and Muller 1997,
1999	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Cercocapus montanus</i>			37.415.03	Association	Keeler-Wolf et al. 1998b	Keeler-Wolf et al. 2005, Klein and Evens
2000	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Eriogonum fasciculatum -</i>			37.415.02	Association	Gordon and White 1994	Evens and San 2005, Keeler-Wolf et al.
2001	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>ovata</i>			37.415.01	Association	Keeler-Wolf et al. 1998b	Keeler-Wolf et al. 2005, Klein and Evens
2002	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Coleogyne ramosissima</i>			37.415.06	Association	Keeler-Wolf et al. 2005	
2003	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Quercus john-tuckeri</i> (Tucker oak	Tucker oak	G4 S4	37.418.00	Alliance	Borchert et al. 2004	
2004	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	Alvord Oak Woodland		G2 S2.2				
2005	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Quercus john-tuckeri</i>			37.418.04	Association	Gordon and White 1994	Borchert et al. 2004, Nixon and Muller
2006	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>fasciculatum</i>			37.418.01	Association	Evens et al. 2006	
2007	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>californica - Ericameria linearifolia</i>			37.418.05	Association	Evens et al. 2006	
2008	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>californica - Fraxinus dipetala</i>			37.418.02	Associati	Evens et al. 2006	
2009	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>wislizeni - Garrya flavescens</i>			37.418.03	Association	Evens et al. 2006	
2010	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Ceanothus greggii</i> (Cup leaf	Cup leaf	G4 S3	37.212.00	Alliance	Gordon and White 1994	Evens and San 2005, Bissing 1992,
2011	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Ceanothus greggii</i>			37.212.01	Association	Gordon and White 1994	Conard et al. 1985, Hanes 1976, 1977,
2012	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>fasciculatum</i>			37.212.03	Association	Evens and San 2005	Gordon and White 1994, Conard et al.
2013	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Quercus turbinella</i> (Sonoran live oak	Sonoran live	G4 S1	71.095.00	Alliance	Evens 2000	Nixon 2002, Reid et al. 1999, Tirmenstein
2014	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>sergiloides</i>			71.095.02	Association	Keeler-Wolf and Thomas	Evens 2000, Nixon 2002, Reid et al.
2015	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>monophylla</i>			71.095.01	Association	Keeler-Wolf and Thomas	Evens 2000, Nixon 2002, Reid et al.
2016	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Rhus ovata</i> (Sugarbush chaparral)	Sugarbush	G4 S4	37.801.00	Alliance	Keeler-Wolf et al. 1998	
2017	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Rhus ovata</i>			37.801.01	Association	Keeler-Wolf and Evens 2006	
2018	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Artemisia californica</i>			37.801.02	Association	Keeler-Wolf and Evens	
2019	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG051. Warm Interior Chaparral	<i>Rhus ovata - Ziziphus parryi</i>			37.801.03	Association	Evens and San 2005	Klein and Evens 2005

2020	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	Mixed Montane Chaparral		G4	S4				
2021	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>Ceanothus cordulatus</i> (Mountain	Mountain	G4	S4	37.209.00	Alliance	Barry 1989a	Barry 1989b, Bolsinger 1989, Dyer and
2022	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>Ceanothus cordulatus</i>				37.209.01	Association	Keeler-Wolf et al. 2003b	Minnich 1999, Oakley et al. 2003, Paysen
2023	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>Chrysolepis sempervirens</i> (Bush	Bush	G4	S3	37.700.00	Alliance	Howard 1992d	
2024	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	Bush Chinquapin Chaparral		G3	S3.3				
2025	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>Chrysolepis sempervirens</i>				37.700.01	Association	Keeler-Wolf and Moore 2001	Keeler-Wolf et al. 2003b, Pase
2026	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>echinoides</i> (Shrub tanoak chaparral)	Shrub tanoak	G3	S3	73.110.00	Alliance	Lee 2004	
2027	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>echinoides</i> / <i>Arctostaphylos</i>				73.110.01	Association	Lee 2004	McMurray 1989c. Manos, P.S., Cannon,
2028	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>echinoides</i> / <i>Pteridium aquilinum</i>				73.110.02	Association	Lee 2004	McMurray 1989c. Manos, P.S., Cannon,
2029	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>Quercus sadleriana</i> (Sadler oak or	Sadler oak or	G3	S3	37.412.00	Alliance	Sawyer et al. 1978b	Muth 1976, 1980, Nixon 2002, Nixon and
2030	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>Quercus sadleriana</i>				37.412.01	Provisional Assoc	Sawyer et al. 1978b	
2031	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>Quercus vaccinifolia</i> (Huckleberry	Huckleberry	G4	S4	37.414.00	Alliance	Keeler-Wolf et al. 2003b	
2032	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	Huckleberry Oak Chaparral		G3	S3.3				
2033	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>Quercus vaccinifolia</i>				37.414.01	Association	Keeler-Wolf and Moore 2001	Keeler-Wolf et al. 2003b, Riser
2034	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>Arctostaphylos patula</i>				37.414.03	Association	Keeler-Wolf and Moore 2001	Keeler-Wolf et al. 2003b, Riser
2035	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>sempervirens</i>				37.414.02	Association	Keeler-Wolf and Moore 2001	Keeler-Wolf et al. 2003b, Riser
2036	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>Arctostaphylos patula</i> (Green leaf	Green leaf	G5	S4	37.303.00	Alliance	Keeler-Wolf et al. 2003b	Barbour 1988
2037	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	Montane Manzanita Chaparral		G4	S4				
2038	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>Arctostaphylos patula</i>				37.303.01	Association	Keeler-Wolf and Moore 2001	Keeley 1988, Reid et al. 1999, Riser and
2039	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>vacciniifolia</i>				37.303.02	Association	Sawyer and Thornburgh 1977	Solinas et al. 1985, Tinnin and Kirkpatrick
2040	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>Ceanothus velutinus</i> (Tobacco	Tobacco	G5	S4	37.210.00	Alliance	Hanes 1977	Anderson 2001b, Bolsinger 1989, Conard
2041	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	Tobacco Brush Chaparral		G4	S3.3				
2042	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>Ceanothus velutinus</i>				37.210.01	Association	Keeler-Wolf et al. 2003b	Riser and Fry 1994, Solinas et al.1985,
2043	2. Mesomorphic	2.C. Temperate and	2.C.1. Temperate Grassland,	2.C.1.x. Western North America	MG052. Western North American	<i>emarginata</i> - <i>Artemisia tridentata</i>				37.210.02	Association	Keeler-Wolf et al. 2003b	Riser and Fry 1994, Solinas et al.1985,
2044	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	Active Coastal Dunes		G3	S2.2				
2045	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	Northern Foredunes		G2	S2.1				
2046	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	Northern Foredune Grassland		G1	S1.1				
2047	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	Central Foredunes		G1	S1.2				
2048	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	Southern Foredunes		G2	S2.1				
2049	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	Northern Dune Scrub		G2	S1.2				
2050	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	Central Dune Scrub		G2	S2.2				
2051	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	Southern Dune Scrub		G1	S1.1				
2052	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	Northern Coastal Bluff Scrub		G2	S2.2				
2053	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	Northern Salal Scrub		G4	S3.2				
2054	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	Southern Coastal Bluff Scrub		G1	S1.1				
2055	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>chamissonis</i> (Dune mat) Alliance	Dune mat	G3	S3	21.100.00	Alliance	Sawyer and Keeler-Wolf 1995	
2056	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Abronia latifolia</i> - <i>Erigeron glaucus</i>				21.101.01	Association	Casavecchia and Biondi 2001	
2057	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Abronia latifolia</i> - <i>Leymus mollis</i>				21.101.02	Association	Casavecchia and Biondi 2001	
2058	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>maritima</i> - <i>Cakile maritima</i>				21.102.02	Association	Kaye 2003	Junak et al. 2007
2059	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>umbellata</i>				21.102.01	Association	Johnson and Rodriguez 2001	Junak et al. 2007, Kaye 2003
2060	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>staechadifolium</i> (- <i>Lupinus</i>				21.100.03	Association	Holton and Johnson 1979	
2061	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>incana</i> - <i>Carpobrotus chilensis</i> - <i>Poa</i>				21.102.03	Association	Johnson and Rodriguez 2001	Junak et al. 2007, Kaye 2003
2062	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>soldanella</i>				21.100.01	Association	Bluestone 1981	
2063	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Cardionema ramosissimum</i>				21.110.01	Association	Keeler-Wolf et al. 2001	MacDonald and Barbour 1974
2064	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Ericameria ericoides</i>				21.110.03	Association	McBride and Stone 1976	
2065	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>douglasii</i>				21.110.04	Association	Duebendorfer 1989	
2066	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Polygonum paronychia</i>				21.110.02	Association	Casavecchia and Biondi 2001	
2067	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Poa douglasii</i> - <i>Lathyrus littoralis</i>				21.100.06	Association	Parker 1974	Johnson 1977
2068	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Cakile maritima</i> - <i>Abronia maritima</i>				21.125.01	Provisional Semi	Williams and Potter 1972	
2069	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>chamissonis</i> - <i>Carpobrotus edulis</i>				21.102.04	Association	Wiedemann 1984	Pickart and Barbour 2007, Pickart and
2070	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Carex pansa</i> (Sand dune sedge	Sand dune	G4? S3?		45.184.00	Provisional Allian	McBride and Stone 1976	Pickart and Barbour 2007, Stromberg et
2071	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Leymus mollis</i> (Sea lyme grass	Sea lyme	G4	S2	41.260.00	Alliance	Pickart and Barbour 2007	Barbour and Johnson 1977
2072	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>(Cakile sp.)</i>				41.260.03	Association	Johnson 1963	LaBlanca 1993, Parker 1974, Pickart and
2073	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Leymus mollis</i> - <i>Ammophila arenaria</i>				41.260.02	Association	LaBanca 1993	
2074	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Leymus mollis</i> - <i>Carpobrotus edulis</i>				41.260.01	Association	Bluestone 1981	Kaye 2003, Kumler 1969
2075	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Baccharis pilularis</i> (Coyote brush	Coyote brush	G5	S5	32.060.00	Alliance	Borchert et al. 2004	Evens and Kentner 2006
2076	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	Northern Coyote Bush Scrub		G4	S4				
2077	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	Central Lucian Coastal Scrub		G3	S3.3				
2078	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Baccharis pilularis</i>				32.060.23	Association	DaSilva and Bartolome 1984	Borchert et al. 2004, Keeler-Wolf and
2079	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>arboreus</i>				32.060.06	Association	Parker 1974 in Barbour and	cf. Belsher 1999, Keeler-Wolf et al.
2080	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>californica</i>				32.060.05	Association	Heady et al. 1977	Keeler-Wolf and Evens 2006
2081	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>californica</i> - <i>Heteromeles arbutifolia</i>				32.060.19	Provisional Assoc	Evens and San 2004	
2082	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>californica</i> - <i>Toxicodendron</i> /				32.060.18	Association	Keeler-Wolf et al. 2003a	Evens and Kentner 2006
2083	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>thyrsliflorus</i>				32.060.14	Association	Keeler-Wolf et al. 2003a	Evens and Kentner 2006
2084	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Baccharis pilularis</i> - <i>Corylus cornuta</i>				32.060.25	Association	Keeler-Wolf et al. 2003a	
2085	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>californica</i> - <i>Rubus parviflorus</i>				32.060.16	Association	Keeler-Wolf et al. 2003a	
2086	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>discolor</i>				32.060.12	Association	Keeler-Wolf et al. 2003a	
2087	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Baccharis pilularis</i> - <i>Lotus scoparius</i>				32.060.29	Association	O'Neil and Egan 2004	
2088	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Baccharis pilularis</i> - <i>Prunus ilicifolia</i>				32.060.26	Association	Keeler-Wolf et al. 2003a	
2089	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>weedy herb</i>				32.060.15	Association	Keeler-Wolf et al. 2003a	
2090	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Baccharis pilularis</i> - <i>Salvia mellifera</i>				32.060.27	Association	DaSilva and Bartolome 1984	Borchert et al. 2004
2091	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>diversilobum</i>				32.060.17	Association	Keeler-Wolf et al. 2003a	cf. Belsher 1999, Evens and Kentner
2092	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>arenaria</i>				32.060.07	Association	Parker 1974 in Barbour and	Paysen et al. 1980, Pickart and Sawyer
2093	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Herb</i>				32.060.20	Association	Keeler-Wolf and Evens 2006	
2094	2. Mesomorphic	2.C. Temperate and	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and	MG058. Vancouverian Coastal	<i>Juncus patens</i>				32.060.13	Association	Keeler-Wolf et al. 2003a	

2095	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>californica</i>				32.060.11 Association	Keeler-Wolf et al. 2003a	
2096	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>caespitosa</i>				32.060.02 Association	Elliot and Wehausen 1974	
2097	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>farinosa</i>				32.060.24 Association	Keeler-Wolf et al. 2003a	
2098	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>staechadifolium</i>				32.060.01 Association	Baxter 1992	cf. Belsher 1999, Keeler-Wolf et al. 2003a
2099	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>triticoides</i>				32.060.03 Association	Fiedler and Leidy 1987	
2100	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>pulchra</i>				32.060.10 Association	Keeler-Wolf et al. 2003a	Evens and Kentner 2006
2101	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>(Mixed)</i>				32.060.21 Association	Evens and Kentner 2006	
2102	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>munium</i>				32.060.04 Association	Grams et al. 1977	Heady et al. 1977, Hobbs and Mooney
2103	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>californica</i>				32.060.08 Association	Parker 1974 in Barbour and cf. Belsher 1999	LaBanca 1993, McBride 1974, McBride
2104	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>pilularis</i> - <i>Ceanothus thyrsiflorus</i>				32.060.28 Association		
2105	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>Ceanothus thyrsiflorus</i> (Blue Blue blossom	Blue blossom	G4 S4		37.204.00 Alliance	Keeler-Wolf et al. 2003a	Evens et al. 2006
2106	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	Blue Brush Chaparral		G4 S4				
2107	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>pilularis</i> - <i>Toxicodendron</i>				37.204.01 Association	Keeler-Wolf et al. 2003a	
2108	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>ursinus</i>				37.204.02 Association	Evens and Kentner 2006	
2109	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>ovatum</i> - <i>Rubus parviflorus</i>				37.204.03 Association	Keeleer-Wolf et al. 2003a	Evens and Kentner 2006
2110	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>Frangula californica</i> (California California	California	G4 S4		37.920.00 Alliance	Keeler-Wolf et al. 2003a	
2111	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	/ <i>Hoita macrostachya</i>				37.920.04 Association	Klein et al. 2007	
2112	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>Frangula californica ssp. tomentella</i>				37.920.02 Association	Evens and San 2005	Klein and Evens 2005, McMurray 1990b
2113	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	/ <i>Cirsium fontinale var. campylon</i> -				37.920.03 Association	Evens and San 2004	
2114	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>pilularis</i> / <i>Scrophularia californica</i>				37.920.01 Association	Keeler-Wolf et al. 2003a	
2115	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>Garrya elliptica</i> (Coastal silk tassel Coastal silk	Coastal silk	G3? S3?		39.040.00 Provisional Allian	Keeler-Wolf et al. 2003a	D. Shirokauer pers. comm. 2003
2116	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	Silk Tassel Forest		G3 S3.2				
2117	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	Northern Silk Tassel Scrub		G3 S2.3				
2118	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>Lupinus arboreus</i> (Yellow bush Yellow bush	Yellow bush	G4 S4		32.080.00 Alliance	Barbour and Johnson 1977c	Barbour 1994, Davidson and Barbour
2119	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>Lupinus arboreus</i>				32.080.02 Association	Holton and Johnson 1979	Junak et al. 2007
2120	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>ericoides</i>				32.080.03 Association	Holton and Johnson 1979	Junak et al. 2007
2121	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>odoratum</i>				32.080.04 Association	Hektner and Foin 1977	
2122	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>Lupinus arboreus</i> / <i>Bromus diandrus</i>				32.080.01 Association	Duebendorfer 1989	
2123	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>californica</i>				32.080.05 Association	Parker 1974	Pickart 2000, Pickart and Barbour 2007,
2124	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>Ericameria ericoides</i>				32.160.01 Association	Bluestone 1981	Breckon 1974
2125	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>ericoides</i> (Silver dune lupine - mock Silver dune	Silver dune	G3 S3		32.160.00 Alliance	Barbour 1970	Barbour and Johnson 1977c, Barbour
2126	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>Lupinus chamissonis</i>				32.160.02 Association	Holton and Johnson 1979	Jones 1984
2127	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>ericoides</i>				32.160.03 Association	Holton and Johnson 1979	Jones 1984, Keeler-Wolf et al. 2003a,
2128	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>Venegasia carpesioides</i> (Canyon Canyon	Canyon	G3 S3		39.030.00 Alliance	Keeler-Wolf and Evens 2006	Qinfeng Guo and Rundel 1998
2129	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>Venegasia carpesioides</i>				39.030.01 Association	Keeler-Wolf and Evens 2006	Qinfeng Guo and Rundel 1998
2130	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>Ammophila arenaria</i> (European European	European			42.010.00 Semi-natural Stai	Barbour 1970	Apteckar 2000, Barbour 1970, Barbour
2131	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>Ammophila arenaria</i>				42.010.02 Semi-natural Stai	Duebendorfer 1989	LaBanca 1993
2132	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>ramosissimum</i>				42.010.03 Semi-natural Stai	Keeler-Wolf et al. 2003a	
2133	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>minima</i>				42.010.01 Semi-natural Stai	Parker 1974	LaBanca 1993
2134	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>varicolor</i>				42.010.04 Semi-natural Stai	Casavecchia and Biondi 2001	
2135	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>Cakile (edentula, maritima)</i> (Sea Sea rocket	Sea rocket			21.125.00 Provisional Semi-	Barbour and Rodman 1970	Barbour 1972, Boyd 1988, Boyd and
2136	2. Mesomorphic	2.C. Temperate and Boreal	2.C.3. Temperate and Boreal	2.C.3.b. Pacific Coast Scrub and Boreal	MG058. Vancouverian Coastal	<i>Plants</i> (Ice plant mats) Semi-natural Ice plant mats	Ice plant mats			21.200.00 Semi-natural Stai	D'Antonio 1993	Albert 2000, Albert and Antonio 2000,
2137	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	Fen		G2 S1.2				
2138	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>Carex limosa</i> (Shore sedge fens) Shore sedge	Shore sedge	G4? S2?		45.178.00 Alliance	Beguín and Major 1975	
2139	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>Carex limosa</i> - <i>Menyanthes trifoliata</i>				45.178.02 Association	Padgett et al. 1989	Cooper and Wolf 2006, Hansen et al.
2140	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>Carex limosa</i> - <i>Mimulus primuloides</i>				45.110.03 Association	Beguín and Major 1975	
2141	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>sordidus</i>				45.178.01 Association	Padgett et al. 1989	Cooper and Wolf 2006, Hansen et al.
2142	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>Dulichium arundinaceum</i> (Three-	Three-way	G3? S1		52.115.00 Provisional Allian	Christy 2004	
2143	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>Dulichium arundinaceum</i>				52.115.01 Provisional Assoc	Cooper and Wolf 2006	
2144	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	Darlingtonia Seep		G4 S3.2				
2145	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>Darlingtonia californica</i> (California California	California	G4? S3		51.200.00 Alliance	Cheatham and Haller 1975	Barry 1989a, 1989b, Bittman 1985,
2146	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>Darlingtonia californica</i>				51.200.01 Association	Jimerson et al. 1995	Kagan et al. 2004, Keeler-Wolf 1986e,
2147	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	(Western Labrador-tea thickets)	Western	G4 S2?		63.425.00 Alliance	Holland 1986	Christy 2004, Imper and Sawyer 1992,
2148	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	Ledum Swamp		G2 S2.1				
2149	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>Rhododendron neoglandulosum</i>				63.425.01 Association	Holland 1986	Imper and Sawyer 1992, Wallace 1992
2150	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>Kalmia microphylla</i> / <i>Pinus contorta</i>				63.425.02 Association	Cooper and Wolf 2006	Gucker 2006c
2151	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>californicum</i> (Western false Western false	Western false	G2? S2?		45.135.00 Alliance	Cooper and Wolf 2006	
2152	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>Rhynchospora alba</i>				45.135.01 Association	Cooper and Wolf 2006	
2153	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>teres</i>				45.135.02 Association	Cooper and Wolf 2006	
2154	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>californicum</i>				45.135.03 Association	Cooper and Wolf 2006	
2155	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>Vaccinium uliginosum</i> (Bog blue Bog blue berry	Bog blue berry	G4 S3		45.410.00 Alliance	Keeler-Wolf et al. 2003b	
2156	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>Vaccinium uliginosum</i>				45.410.01 Association	Keeler-Wolf et al. 2003b	Matthews 1992b
2157	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>Aulacomnium palustre</i>				45.410.03 Association	Cooper and Wolf 2006	
2158	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>teres</i>				45.410.04 Association	Cooper and Wolf 2006	
2159	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	<i>occidentale</i> / <i>Bistorta bistortoides</i>				45.410.02 Association	Potter 2005	
2160	2. Mesomorphic	2.C. Temperate and Boreal	2.C.4. Temperate and Boreal	2.C.4.a. North American Scrub and Boreal	MG063. Western North American	Sphagnum Bog		G3 S1.2				
2161	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American and Boreal	MG073. Western North American	Coastal and Valley Freshwater		G3 S2.1				
2162	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American and Boreal	MG073. Western North American	Transmontane Freshwater Marsh		G3 S2.2				
2163	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American and Boreal	MG073. Western North American	<i>Phragmites australis</i> (Common reed Common reed	Common reed	G5 S4?		41.061.00 Alliance	Keeler-Wolf and Vaghti 2000	
2164	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American and Boreal	MG073. Western North American	<i>Phragmites australis</i>				41.061.01 Association	Uchytíl 1992a	Hickson and Keeler-Wolf 2007, Keeler-
2165	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American and Boreal	MG073. Western North American	<i>Phragmites australis</i> - <i>Scirpus spp.</i>				41.061.02 Association	Uchytíl 1992a	Hickson and Keeler-Wolf 2007, Keeler-
2166	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American and Boreal	MG073. Western North American	<i>Schoenoplectus acutus</i> (Hardstem Hardstem	Hardstem	G5 S4		52.122.00 Alliance	Holland 1986	Hickson and Keeler-Wolf 2007
2167	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American and Boreal	MG073. Western North American	<i>Schoenoplectus acutus</i>				52.122.01 Association	Hickson and Keeler-Wolf	Klein et al. 2007
2168	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American and Boreal	MG073. Western North American	<i>cannabinum</i>				52.122.02 Association	Keeler-Wolf and Vaghti 2000	
2169	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American and Boreal	MG073. Western North American	<i>angustifolia</i>				52.122.03 Association	Hickson and Keeler-Wolf	

2170	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>domingensis</i>				52.102.02	Association	Odion et al. 1992a	
2171	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>latifolia</i>				52.122.04	Association	Hickson and Keeler-Wolf	
2172	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>latifolia - Phragmites australis</i>				52.122.05	Association	Hickson and Keeler-Wolf	
2173	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>strumarium</i>				52.122.06	Association	Hickson and Keeler-Wolf	
2174	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	(California bulrush marsh) Alliance	California		G5 S4?	52.114.00	Alliance	Atwater et al. 1979	
2175	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Schoenoplectus californicus</i>				52.114.02	Association	Keeler-Wolf and Vaghti 2000	Reid et al. 1999, Vaghti and Greco 2007,
2176	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Apocynum cannabinum</i>				52.114.03	Association	Keeler-Wolf and Vaghti 2000	Keeler-Wolf and Vaghti 2000, Reid et al.
2177	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Eichhornia crassipes</i>				52.114.04	Association	Hickson and Keeler-Wolf	
2178	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Schoenoplectus acutus</i>				52.114.01	Association	Keeler-Wolf and Vaghti 2000	Keeler-Wolf and Evensb 2006, Purer
2179	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Schoenoplectus acutus / Rosa</i>				52.114.06	Association	Keeler-Wolf and Vaghti 2000	Reid et al. 1999, Vaghti and Greco 2007,
2180	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>latifolia</i>				52.114.05	Association	Keeler-Wolf et al. 2003a	
2181	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>latifolia</i>) (Cattail marshes) Alliance	Cattail		G5 S5	52.050.00	Alliance	Keeler-Wolf and Vaghti 2000	Evens and San 2005, Evens and Kentner
2182	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Typha angustifolia</i>				52.050.01	Association	Evens and Kentner 2006	Keeler-Wolf and Vaghti 2000
2183	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>spicata</i>				52.050.02	Association	Hickson and Keeler-Wolf	
2184	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Typha domingensis</i>				52.050.05	Association	Keeler-Wolf and Vaghti 2000	
2185	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Typha domingensis / Distichlis</i>				52.050.06	Association	Keeler-Wolf and Vaghti 2000	
2186	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Typha domingensis / Echinocloa</i>				52.050.07	Association	Keeler-Wolf and Vaghti 2000	
2187	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Typha domingensis / Phragmites</i>				52.050.08	Association	Keeler-Wolf and Vaghti 2000	
2188	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Typha domingensis /</i>				52.050.09	Association	Keeler-Wolf and Vaghti 2000	
2189	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Typha domingensis</i>				52.050.03	Association	Junak et al. 2007	
2190	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Typha latifolia</i>				52.103.02	Association	Keeler-Wolf et al. 2001	Evens and Kentner 2006, Evens and San
2191	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Typha latifolia - Typha angustifolia</i>				52.050.04	Association	Keeler-Wolf and Vaghti 2000	
2192	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Argentina egedii</i> (Pacific silverweed	Pacific		G4 S2	38.140.00	Alliance	Pickart 2006	Grewell et al. 2007, Kagan et al. 2004
2193	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Argentina egedii</i>				38.140.01	Association	Pickart 2006	
2194	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>macrostachya</i>				38.140.03	Association	Pickart 2006	
2195	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>aequalis</i>				38.140.02	Association	Pickart 2006	
2196	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Argentina egedii - Lotus uliginosus</i>				38.140.04	Association	Pickart 2006	
2197	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Carex obnupta</i> (Slough sedge	Slough sedge		G4 S3	45.183.00	Alliance	Keeler-Wolf et al. 2003b	
2198	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Carex obnupta</i>				45.183.01	Association	Newton 1989	Pickart 2006
2199	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Carex obnupta - Juncus lescurii</i>				45.183.02	Association	Duebendorfer 1989	
2200	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Carex obnupta - Juncus patens</i>				45.183.03	Association	Keeler-Wolf et al. 2003	
2201	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Juncus effusus</i> (Soft rush marshes)	Soft rush		G4 S4?	45.561.00	Alliance	Evens and San 2005	Keeler-Wolf et al. 2003a, Evens and
2202	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Juncus effusus</i>				45.561.01	Association	Keeler-Wolf et al. 2003a	Evens and Kentner 2006, Evens and San
2203	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Juncus lescurii</i> (Salt rush swales)	Salt rush		G3 S2?	45.569.00	Alliance	Pickart 2006	
2204	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Juncus lescurii</i>				45.569.01	Association	Stevens 2000a	Pickart 2006
2205	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Juncus (lescarii) - Distichlis spicata</i>				45.569.02	Association	Casavecchia and Biondi 2001	
2206	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Juncus patens</i> (Western rush	Western rush		G4? S4?	45.564.00	Provisional Allian	Stuart et al. 1996	Keeler-Wolf et al. 2003b
2207	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Oenanthe sarmentosa</i> (Water-	Water-parsley		G4 S2?	52.119.00	Alliance	Pickart 2006	
2208	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Oenanthe sarmentosa</i>				52.119.01	Association	Pickart 2006	Kagan et al. 2004
2209	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Scirpus microcarpus</i> (Small-fruited	Small-fruited		G4 S2	52.113.00	Alliance	Keeler-Wolf et al. 2003a	Potter 2005
2210	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>Scirpus microcarpus</i>				52.113.01	Association	S. Smith 1998	Cooper and Wolf 2006, Keeler-Wolf et al.
2211	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>occidentalis</i>				52.113.02	Association	Halpern 1985	
2212	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG073. Western North American	<i>congdonii</i>				52.113.03	Association	Potter 2005	
2213	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	Northern Basalt Flow Vernal Pool			G3 S2.2				
2214	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	Northern Volcanic Ash Vernal Pool			G1 S1.1				
2215	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	Northern Volcanic Mud Flow Vernal			G1 S1.1				
2216	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	Northern Vernal Pool			G2 S2.1				
2217	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	Northern Hardpan Vernal Pool			G3 S3.1				
2218	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	Northern Claypan Vernal Pool			G1 S1.1				
2219	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	San Diego Mesa Claypan Vernal			G2 S2.1				
2220	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	San Diego Mesa Hardpan Vernal			G2 S2.1				
2221	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	Southern Interior Basalt Flow Vernal			G1 S1.2				
2222	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	Southern Vernal Pool			G? SNR				
2223	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	Vernal Marsh			G2 S2.1				
2224	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>Alopecurus geniculatus</i> (Water	Water foxtail		G3? S3?	42.006.00	Provisional Allian	Smith 1998 (Draft)	
2225	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>(bicornuta)</i> (Fremont's goldfields -	Fremont's		G3 S3	42.007.00	Alliance	Barbour et al. 2007	
2226	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>Downingia (bicornuta, cuspidata)</i>				42.007.02	Association	Barbour et al. 2007	Klein et al. 2007, Platenkamp 1998
2227	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>Downingia bicornuta</i>				42.007.01	Association	S. Smith 1998	
2228	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>Eryngium (vaseyi, castrense)</i>				42.007.06	Association	Barbour et al. 2007	Klein et al. 2007, Platenkamp 1998
2229	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>bicornuta</i>				42.007.08	Association	Taylor et al. 1992	
2230	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>Lasthenia fremontii</i>				42.007.07	Provisional Assoc	Klein et al. 2007	Schlicing and Sanders 1982
2231	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>bicornuta</i>				42.007.03	Association	Barbour et al. 2003	Barbour et al. 2007, Klein et al.
2232	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>ornatissima</i>				42.007.04	Association	Barbour et al. 2007	Klein et al. 2007, Platenkamp 1998
2233	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>Holocarpha virgata</i>				42.007.05	Association	Barbour et al. 2007	
2234	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>Eleocharis macrostachya</i> (Pale	Pale spike		G4 S4	45.230.00	Alliance	Klein and Evens 2006	
2235	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>Eleocharis macrostachya</i>				45.230.01	Association	Potter 2005	Pickart 2006, Klein et al. 2007
2236	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>(Pleuropogon californicus)</i>				45.230.07	Provisional Association		
2237	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>Callitriche hermaphroditica</i>				45.230.02	Provisional Assoc	Kepecko and Lathrop 1975	
2238	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>Eryngium aristulatum ssp. Parishii</i>				45.230.04	Association	Klein and Evens 2005	
2239	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>Lasthenia glaberrima</i>				45.230.05	Association	Barbour et al. 2003	
2240	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>vestita</i>				45.230.06	Provisional Association		
2241	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>Sagittaria montevidensis</i>				45.230.03	Provisional Assoc	Evens, San and Taylor 2004	
2242	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>Eleocharis acicularis</i> (Needle spike	Needle spike		G4? S3?	45.231.00	Alliance	S. Smith 1998	
2243	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>castrense</i>				45.231.01	Association	Potter 2005	Klein et al. 2007
2244	2. Mesomorphic	2.C. Temperate and Boreal	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG074. Western North America	<i>acicularis - Eryngium alismaefolium)</i>				45.231.03	Association	cf. S. Smith 1998	

2320	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Campyllum stellatum</i>			45.220.04	Association	Cooper and Wolf 2006	
2321	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Drepanocladus aduncus - fontana</i>			45.220.05	Association	Cooper and Wolf 2006	
2322	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Glyceria (elata, striata)</i> (Manna grass)	Manna grass	G4 S3?	45.220.06	Association	Cooper and Wolf 2006	
2323	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Glyceria elata</i>			41.222.00	Alliance	S. Smith 1998	Keeler-Wolf et al. 2003b
2324	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Glyceria elata - Lotus oblongifolius</i>			41.222.01	Association	Keeler-Wolf et al. 2003b	
2325	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Glyceria elata - Scirpus microcarpus</i>			41.222.03	Association	Halpern 1986	
2326	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Glyceria striata</i>			41.222.02	Association	Halpern 1986	
2327	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Glyceria occidentalis</i> (Northwest)	Northwest	G3? S3?	41.222.04	Association	S. Smith 1998.	
2328	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Oxypolis occidentalis</i> (Western)	Western	G3 S3	41.223.00	Provisional Allian	Smith 1998	Darris 2006
2329	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>bistortoides</i>			45.418.00	Alliance	Halpern 1986	Potter 1005, Cooper and Wolf 2006
2330	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>amplifolia</i>			45.418.02	Association	Potter 2005	
2331	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>montevidensis</i>			45.418.03	Association	Halpern 1986	
2332	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>triangularis</i>			45.418.04	Association	Halpern 1986	
2333	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>fontana</i>			45.418.05	Association	Cooper and Wolf 2006	
2334	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Senecio triangularis</i> (Herb-rich)	Herb-rich	G4 S4	45.418.06	Association	Cooper and Wolf 2006	
2335	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>femina</i>			45.419.00	Alliance	Keeler-Wolf et al. 2003b	Potter 2005
2336	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>latifolius</i>			45.419.04	Association	Halpern 1986	Potter 2005
2337	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>polyphyllus</i>			45.419.01	Association	Potter 2005	
2338	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Torreyochloa pallida</i> (Floating mats)	Floating mats	G3 S3?	45.419.05	Association	Manning and Padgett 1995	
2339	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Torreyochloa pallida</i>			45.171.00	Alliance	Beguín and Major 1975	Keeler-Wolf et al. 2003b
2340	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>bolanderi</i>			45.171.01	Association	Beguín and Major 1975	Cheng 2004, S. Smith 1998
2341	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Carex barbarae</i> (White-root beds)	White-root	G2? S2?	45.171.02	Association	Taylor 1984	
2342	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Carex barbarae</i>			45.142.00	Alliance	Evens and Kentner 2006	Hickson and Keeler-Wolf 2007, Klein et
2343	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Carex nudata</i> (Torrent sedge)	Torrent sedge	G3 S3	45.142.01	Association	Evens and Kentner 2006	Hickson and Keeler-Wolf 2007, Klein et
2344	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Carex nudata</i>			45.182.00	Alliance	Potter 2005	Evens San and Taylor 2004
2345	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Carex serratodens</i> (Twotooth sedge)	Twotooth	G3 S3?	45.182.01	Association	S. Smith 1998	Evens et al. 2004, Klein et al. 2007,
2346	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Cirsium fontinale</i> (Fountain thistle)	Fountain	G1 S1	45.180.00	Provisional Allian	Evens et al. 2004	Alexander et al. 2006, Evens and Kentner
2347	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Carex serratodens - Hordeum</i>			42.100.00	Alliance	Keeler-Wolf and Vaghti 2000	
2348	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Hemizonia congesta var. luzulifolia</i>			42.100.01	Association	Evens and San 2004	USFWS 2007
2349	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Mimulus guttatus - Stachys mexicanus</i> (Baltic and Mexican)	Baltic and	G5 S4	42.100.02	Association	Evens and San 2004	USFWS 2007
2350	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Juncus arcticus var. balticus</i>			42.100.03	Association	Evens and San 2004	UWFWS 2007
2351	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Juncus arcticus var. balticus</i>			45.562.00	Alliance	Keeler-Wolf and Vaghti 2000	Evens and San 2005, Evens et al. 2006,
2352	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Argentina egedii</i>			45.562.07	Association	Keeler-Wolf and Vaghti 2000	
2353	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>praegracilis</i>			91.120.21	Association	Taylor 1984	
2354	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Conium maculatum</i>			45.562.05	Association	Keeler-Wolf and Vaghti 2000	
2355	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Lepidium latifolium</i>			45.562.04	Association	Klein et al. 2007	
2356	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Juncus arcticus var. mexicanus</i>			45.562.01	Association	Keeler-Wolf and Vaghti 2000	
2357	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Juncus (oxymeris, xiphioides)</i> (Iris-)	Iris-leaf rush	G2? S2?	45.562.06	Association	Keeler-Wolf and Vaghti 2000	
2358	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Leymus triticoides</i> (Creeping rye)	Creeping rye	G4 S3	45.562.02	Association	Keeler-Wolf and Moore 2001	Evens and San 2005
2359	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Valley Wildrye Grassland</i>			45.568.00	Provisional Allian	Evens and San 2004	Klein et al. 2007
2360	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Leymus triticoides</i>			41.080.00	Alliance	Keeler-Wolf and Vaghti 2000	Evens and San 2004
2361	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Leymus triticoides</i>			41.080.01	Association	Keeler-Wolf and Vaghti 2000	Holstein 2001, Keeler-Wolf and Evens
2362	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>californica</i>			41.080.05	Association	Stillwater Sciences and URS	
2363	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Avena spp.</i>			41.080.02	Association	Junak et al. 2007	
2364	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>pycnocephalus - Geranium</i>			41.080.04	Association	O'Neil and Egan 2004	
2365	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Leymus triticoides - Lolium perenne</i>			41.080.03	Association	Heady 1977	Evens and San 2004
2366	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Leymus triticoides - Poa secunda</i>			41.080.06	Association	Odion et al. 1992a	
2367	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Mimulus (guttatus)</i> (Common)	Common	G4? S3?	44.111.00	Alliance	Klein et al. 2007	NatureServe 2007a, S. Smith 1998
2368	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Mimulus guttatus</i>			44.111.01	Association	Cooper and Wolf 2006	
2369	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Mimulus guttatus - (Mimulus spp.)</i>			44.111.03	Association	NatureServe 2007a	
2370	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>microstachys</i>			44.111.02	Association	Klein et al. 2007	
2371	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Mimulus lewisii</i>			44.111.04	Association	S. Smith 1998	Potter 2005
2372	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Mimulus primuloides</i>			44.111.03	Association	Keeler-Wolf et al. 2003b	
2373	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Muhlenbergia rigens</i> (Deer grass)	Deer grass	G3 S2?	45.413.03	Association	Keeler-Wolf et al. 2003b	
2374	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Muhlenbergia rigens</i>			41.278.00	Alliance	Klein and Evens 2005	NatureServe 2007a, Klein et al. 2007,
2375	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Lepidium latifolium</i> (Perennial)	Perennial		41.278.01	Association	Martin 1981	Klein et al. 2007, NatureServe 2007b
2376	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Lepidium latifolium</i>			52.205.00	Semi-natural Stai	Keeler-Wolf and Evens 2006	Evens et al. 2005, DiTomaso and Healy
2377	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>Lepidium latifolium</i>			52.205.02	Semi-natural Stai	Howald 2000	Evens and San 2005, Keeler-Wolf and
2378	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>spicata</i>			52.205.01	Semi-natural Stai	Keeler-Wolf and Vaghti 2000	
2379	2. Mesomorphic	2.C. Temperate and	2.C.5. Temperate and Boreal	2.C.5.b. Western North American	MG075. Western North America	<i>strumarium</i> (Smartweed - cocklebur)	Smartweed -	G4 S4	42.207.00	Provisional Allian	Keeler-Wolf and Vaghti 2000	DiTomaso and Healy 2007
2380	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Distichlis spicata</i> (Salt grass flats)	Salt grass	G5 S4	41.200.00	Alliance	Keeler-Wolf and Vaghti 2000	Keeler-Wolf and Evens 2006
2381	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Distichlis spicata - Agrostis viridis</i>			41.200.14	Association	Junak et al. 2007	
2382	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>chamissonis</i>			41.200.11	Association	Keeler-Wolf and Evens 2006	
2383	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>triangularis</i>			41.200.15	Association	Keeler-Wolf and Vaghti 2000	
2384	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Distichlis spicata - Bromus diandrus</i>			41.200.16	Association	Junak et al. 2007	
2385	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>coronopifolia</i>			41.200.17	Association	Keeler-Wolf and Vaghti 2000	
2386	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Jaumea carnosa</i>			41.200.07	Association	MacDonald 1977	Levine et al. 2002, Keeler-Wolf et al.
2387	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>munrinum</i>			41.200.18	Association	Junak et al. 2007	
2388	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Distichlis spicata - Jaumea carnosa</i>			41.200.06	Association	Peinado et al. 1994	
2389	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>ssp. balticus (J. arcticus ssp.</i>			41.200.05	Association	Odion et al. 1992	Paysen et al. 1980, 1982
2390	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Distichlis spicata - Juncus cooperi</i>			41.200.02	Association	Bradley 1970	Cheatham and Haller 1975, Chapman
2391	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>triticoides / Lupinus (albifrons,</i>			41.200.19	Association	Junak et al. 2007	
2392	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>strigosa</i>			41.200.10	Association	Pickart 2006	
2393	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>pacifica</i>			41.200.20	Association	Atwater et al. 1979	Barry 1989a, b, Hickson and Keeler-
2394	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>occidentalis</i>			41.200.01	Association	Bradley 1970	Cheatham and Haller 1975, Chapman

2395	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Distichlis spicata / annual grasses</i>			41.200.13	Association	Keeler-Wolf and Vaghti 2000	Hickson and Keeler-Wolf 2007, Junak et	
2396	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>albidus</i>			41.200.04	Association	Paysen et al. 1980	Paysen et al. 1980, 1982, Odion et al.	
2397	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>vermiculatus</i>			41.200.03	Association	Ferren and Davis 1991		
2398	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Bulboschoenus maritimus</i> (Salt marsh)	Salt marsh	G4 S3	52.112.00	Alliance	Keeler-Wolf and Vaghti 2000		
2399	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Bolboschoenus maritimus</i>			52.112.03	Association	Pickart 2006		
2400	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Sarcocornia pacifica (depressa)</i>			52.112.04	Association	Keeler-Wolf and Vaghti 2000		
2401	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Sesuvium verrucosum</i>			52.112.05	Association	Keeler-Wolf and Vaghti 2000		
2402	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>depressa</i> (Pickleweed mats)	Pickleweed	G4 S3	52.215.00	Alliance	Atwater et al. 1979	Evens and San 2005, Keeler-Wolf and	
2403	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>latifolium</i>			52.215.12	Association	Duke et al. 1999		
2404	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Sarcocornia pacifica</i>			52.215.04	Association	Atwater et al. 1979	Barnhart et al.1992, Cuneo 1987, Duke et	
2405	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>carnea - Batis maritima</i>			52.215.22	Association	Henderson 1976	Grewell et al. 2007	
2406	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>prostrata</i>			52.215.06	Association	Duke et al. 1999	Keeler-Wolf and Vaghti 2000, MacDonald	
2407	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Bolboschoenus maritimus</i>			52.215.07	Association	Duke et al. 1999		
2408	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>nigra</i>			52.215.15	Association	Keeler-Wolf and Evens 2006		
2409	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>coronopifolia</i>			52.215.16	Association	MacDonald and Barbour 1974	Hickson and Keeler-Wolf 2007, Keeler-	
2410	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>schoenoides</i>			52.215.17	Association	MacDonald and Barbour 1974	Keeler-Wolf and Vaghti 2000, MacDonald	
2411	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>salina - Spartina densiflora</i>			52.215.01	Association	Hendrickson 1976	Grewell et al. 2007	
2412	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>spicata</i>			52.215.02	Association	Eicher 1987	Newton 1989, Paysen et al. 1980,	
2413	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>crus-galli - Polygonum - Xanthium</i>			52.215.18	Association	MacDonald and Barbour 1974	Keeler-Wolf and Vaghti 2000, MacDonald	
2414	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>salina</i>			52.215.09	Association	Duke et al. 1999		
2415	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>salina - Suaeda taxifolia</i>			52.215.21	Association	Keeler-Wolf and Evens 2006		
2416	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>stricta</i>			52.215.10	Association	Chapman 1977	Atwater et al. 1979, Barnhart et al. 1992,	
2417	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>carnea</i>			52.215.11	Association	Hendrickson 1976	Atwater et al. 1979, Barnhart et al. 1992,	
2418	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>carnea - Distichlis spicata</i>			52.215.03	Association	Paysen et al. 1980	Eicher 1987, Newton 1989	
2419	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>verrucosum</i>			52.215.20	Association	MacDonald and Barbour 1974	Keeler-Wolf and Vaghti 2000, MacDonald	
2420	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>foliosa</i>			52.215.13	Association	Duke et al. 1999		
2421	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Sarcocornia pacifica / algae</i>			52.215.14	Association	Keeler-Wolf and Evens 2006		
2422	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>(Polypogon, Hordeum, Lolium)</i>			52.215.19	Association	MacDonald and Barbour 1974	Keeler-Wolf and Vaghti 2000, MacDonald	
2423	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Spartina foliosa</i> (California)	California	G3 S3	52.020.00	Alliance	Keeler-Wolf and Vaghti 2000		
2424	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Spartina foliosa</i>			52.020.02	Association	Atwater et al. 1979	Barry 1989a, b, Cheatham and Haller	
2425	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>pacifica</i>			52.020.01	Association	Hendrickson 1976	Grewell et al.2007	
2426	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	(Smooth or Chilean cordgrass)	Smooth or		*41.070.00	Semi-natural Sta	Pickart 2006	DiTomaso and Healy 2007	
2427	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Spartina densiflora</i>			41.070.02	Stand Type	Eicher 1987	Eicher 1987, Eicher and Sawyer 1989,	
2428	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Sesuvium verrucosum</i> (Western sea-Western sea-		G3? S2	52.210.00	Alliance	Keeler-Wolf and Vaghti 2000	Baye et al. 2000	
2429	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Sesuvium verrucosum</i>			52.210.01	Association	Keeler-Wolf and Vaghti 2000		
2430	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>coronopifolia</i>			52.210.02	Association	Keeler-Wolf and Vaghti 2000		
2431	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>spicata</i>			52.210.03	Association	Keeler-Wolf and Vaghti 2000		
2432	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>perenne</i>			52.210.04	Association	Keeler-Wolf and Vaghti 2000		
2433	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>coronopifolia</i> (Fields of fat hen and	Fields of fat		52.211.00	Semi-natural Sta	Keeler-Wolf and Vaghti 2000,	Pickart 2006	
2434	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Atriplex prostrata</i>			52.211.01	Semi-natural Sta	Keeler-Wolf and Vaghti 2000	Khan and Ungar 1986	
2435	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Atriplex prostrata / annual grasses</i>			52.211.02	Semi-natural Sta	Keeler-Wolf and Vaghti 2000	Khan and Ungar 1986	
2436	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Atriplex prostrata / Distichlis spicata</i>			52.211.03	Semi-natural Sta	Keeler-Wolf and Vaghti 2000	Khan and Ungar 1986	
2437	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>maritimus</i>			52.211.04	Semi-natural Sta	Keeler-Wolf and Vaghti 2000	Khan and Ungar 1986	
2438	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>verrucosum</i>			52.211.05	Semi-natural Sta	Keeler-Wolf and Vaghti 2000	Khan and Ungar 1986	
2439	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	<i>Cotula coronopifolia</i>			52.211.06	Semi-natural Sta	Keeler-Wolf and Vaghti 2000	Khan and Ungar 1986, Pickart 2006	
2440	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	Coastal Brackish Marsh			G2 S2.1				
2441	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	Northern Coastal Salt Marsh			G3 S3.2				
2442	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.c. Temperate and Boreal	MG081. North American Pacific	Southern Coastal Salt Marsh			G2 S2.1				
2443	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG082. Cool Semi-Desert	(Greasewood scrub)	Greasewood		G5 S4	36.400.00	Alliance	Thomas et al. 2004	
2444	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG082. Cool Semi-Desert	Desert Greasewood Scrub			G4 S3.2				
2445	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG082. Cool Semi-Desert	<i>Sarcobatus vermiculatus</i>			36.400.01	Association	Thomas et al. 2004	Thorne 1982, Tueller 1994, Vasek and	
2446	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG082. Cool Semi-Desert	<i>confertifolia</i>			36.400.02	Association	Ferren and Davis 1991	MacMahon 1988, Paysen et al. 1980,	
2447	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG082. Cool Semi-Desert	Alkali Meadow			G3 S2.1				
2448	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG082. Cool Semi-Desert	Alkali Seep			G3 S2.1				
2449	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG082. Cool Semi-Desert	Cismontane Alkali Marsh			G1 S1.1				
2450	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG082. Cool Semi-Desert	Desert Sink Scrub			G4 S3.1				
2451	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG082. Cool Semi-Desert	Transmontane Alkali Marsh			G3 S2.1				
2452	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Anemopsis californica</i> (Yerba	Yerba mansa		G3 S2?	52.214.00	Alliance	Klein and Evens 2006	
2453	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>arcticus var. mexicanus</i>			52.214.01	Association	Anderson and Roderick 2000	Evens and San 2005, Klein and Evens	
2454	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Juncus cooperi</i> (Cooper's rush)	Cooper's rush		G3 S3	45.563.00	Alliance	Thomas et al. 2004	
2455	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Juncus cooperi</i>			45.563.01	Association	Keeler-Wolf and Thomas	Thomas et al. 2004	
2456	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	(American bulrush marsh) Alliance	American		G5 S3	52.111.00	Alliance	Keeler-Wolf and Thomas	
2457	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Schoenoplectus americanus</i>			52.111.04	Association	Bradley 1970		
2458	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Eleocharis rostellata</i>			52.111.05	Association	Odion et al. 1992		
2459	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Argentina egedii</i>			52.111.02	Association	Keeler-Wolf and Vaghti 2001		
2460	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Lepidium latifolium</i>			52.111.03	Association	Keeler-Wolf and Vaghti 2001		
2461	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Schoenoplectus californicus -</i>			52.111.06	Association	Keeler-Wolf and Vaghti 2000		
2462	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Spartina gracilis</i> (Alkali cordgrass	Alkali		GU S1	52.030.00	Alliance	Odion et al 1992	
2463	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>airoides</i>			52.030.01	Association	Odion et al. 1992a		
2464	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Sporobolus airoides</i> (Alkali sacaton	Alkali sacaton		G4 S2	41.010.00	Alliance	Thomas et al. 2004	Brown 1982f, Barry 1989a, b, Bittman
2465	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	Valley Sacaton Grassland			G1 S1.1				
2466	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Sporobolus airoides</i>			41.010.01	Association	Keeler-Wolf and Thomas	Solomeschch and Barbour 2006, Thorne	
2467	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>occidentalis</i>			41.010.03	Association	Odion et al. 1992a	Paysen et al. 1980, 1982	
2468	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>nauseosa</i>			41.010.02	Association	Griggs 1980a	Griggs 1980b, Ferren and Davis 1991	
2469	2. Mesomorphic	2.C. Temperate and Boreal	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Allenrolfea occidentalis</i> (Iodine bush	Iodine bush		G4 S3	36.120.00	Alliance	Thomas et al. 2004	

2470	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	Valley Sink Scrub	G1 S1.1					
2471	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Allenrolfea occidentalis</i>		36.120.04	Association	Keeler-Wolf et al 1998b	Thomas et al. 2004, Evens and Hartman	
2472	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>airoides</i>		36.120.03	Association	Paysen et al. 1980	Odion et al.1992a, Paysen et al. 1982	
2473	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>moquinii</i>		36.120.02	Association	Bradley 1970	Brown et al. 1980, Burk 1977, Cheatham	
2474	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	(Parish's glasswort patches) Alliance	Parish's	G4 S2	52.212.00	Alliance	Adams 1990	Keeler-Wolf and Evens 2006
2475	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Arthrocnemum subterminale</i>			52.212.01	Association	Evens and San 2005	Keeler-Wolf and Evens 2006, Peinado
2476	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Monanthochloe littoralis</i>			52.212.03	Association	Grewell et al. 2007	
2477	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Sarcocornia pacifica</i>			52.212.02	Association	Evens and San 2005	Keeler-Wolf and Evens 2006
2478	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Atriplex lentiformis</i> (Quailbush	Quailbush	G4 S4	36.370.00	Alliance	Keeler-Wolf et al. 1998b	Keeler-Wolf and Evens 2006, Favorite
2479	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Atriplex lentiformis</i>			36.370.01	Association	Keeler-Wolf and Vaghti 2000	Keeler-Wolf and Evens 2006, Keeler-Wolf
2480	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Atriplex spinifera</i> (Spinescale scrub)	Spinescale	G3 S3	36.350.00	Alliance	Thomas et al. 2004	Bittman 1985, Burk 1977
2481	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	Relictual Interior Dunes		G1 S1.1				
2482	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	Stabilized Interior Dunes		G1 S1.1				
2483	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	Valley Saltbush Scrub		G2 S2.1				
2484	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Atriplex spinifera</i>			36.350.01	Association	Charlton 2000a	Charlton 2000b
2485	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>desertorum</i>			36.350.03	Association	Evens and Hartman 2007	Griggs and Zaninovitch 1984, Johnson
2486	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Atriplex spinifera / annual herb</i>			36.350.02	Association	Evens et al. 2006	
2487	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>spicata</i> (Alkali weed - Salt grass	Alkali weed -	G4 S4	46.100.00	Alliance	Holland 1976	Barbour et al. 2003, 2007, Keeler-Wolf et
2488	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Bolboschoenus maritimus</i>			46.100.02	Provisional Assoc	Barbour et al. 2007	
2489	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>leprosa</i>			46.100.03	Provisional Assoc	Barbour et al. 2007	
2490	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>maritimus</i>			46.100.04	Provisional Assoc	Barbour et al. 2008	
2491	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Orcuttia pilosa</i>			46.100.05	Provisional Assoc	Barbour et al. 2007	
2492	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>spp. leporinum)</i>			44.119.06	Association	Barbour et al. 2008	Barbour et al. 2007, Barbour et al. 2003,
2493	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Frankenia salina</i> (Alkali heath	Alkali heath	G4 S3	52.500.00	Alliance	Keeler-Wolf and Vaghti 2000	Keeler-Wolf and Evens 3006
2494	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Frankenia salina</i>			52.500.02	Association	Keeler-Wolf and Vaghti 2000	
2495	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>californicum - Monanthochloe</i>			52.500.01	Association	Keeler-Wolf and Evens 2006	
2496	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>avenacea</i>			52.500.03	Association	Keeler-Wolf and Vaghti 2000	
2497	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Frankenia salina / Distichlis spicata</i>			52.500.04	Association	Keeler-Wolf and Vaghti 2000	
2498	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Suaeda taxifolia / Hordeum murinum</i>			52.500.06	Association	Junak et al. 2007	
2499	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Suaeda moquinii</i> (Bush seepweed	Bush	G5 S3	36.200.00	Alliance	Keeler-Wolf et al. 1998b	Barry 1989a, 1989b
2500	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>Suaeda moquinii</i>			36.200.01	Association	Evens and Hartman 2007	Faden 1977
2501	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>occidentalis</i>			36.200.02	Association		
2502	2. Mesomorphic	2.C. Temperate and	2.C.6. Temperate and Boreal	2.C.6.d. Western North American	MG083. Warm Semi-	<i>canescens</i>			36.200.03	Association	Keeler-Wolf and Thomas	MacMahon 1988, Paysen et al. 1980,
2503	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	Sonoran Mixed Woody Scrub		G3 S3.2				
2504	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	Mojave Mixed Woody and Succulent		G3 S3.2				
2505	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	Mojave Mixed Woody Scrub		G3 S3.2				
2506	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	Mojave Mixed Steppe		G3 S2.2				
2507	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Ambrosia dumosa</i> (White bursage	White bursage	G5 S4	33.060.00	Alliance	Cheatham and Haller 1975	Barry 1989a, 1989b, Bowers 1984, Burk
2508	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Ambrosia dumosa</i>			33.060.02	Association	Evens and Hartman 2007	Felger 1980, Hunt 1966, Jones and
2509	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>sphaerocephalus</i>			33.060.01	Association	Keeler-Wolf et al. 1998b	
2510	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>hymenolytra</i>			33.060.03	Association	Keeler-Wolf and Thomas	MacMahon 1988, and many more; see
2511	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Ambrosia dumosa - Encelia farinosa</i>			33.060.06	Association	Keeler-Wolf et al.1998b	Keeler-Wolf and Thomas 2000,
2512	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>californica / sandy</i>			33.060.07	Association	Evens and Hartman 2007	Felger 1980, Hunt 1966, Jones and
2513	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Calliandra eriophylla</i>			33.060.09	Association	Evens and Hartman 2007	Felger 1980, Hunt 1966, Jones and
2514	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>rigida</i>			33.060.04	Association	Keeler-Wolf et al. 1998b	Keeler-Wolf and Thomas 2000,
2515	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Ambrosia salsola</i> (Cheesebush	Cheesebush	G5 S4	33.200.00	Alliance	Keeler-Wolf et al. 1998b	Evens 2000, Thomas et al. 2004, Evens
2516	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Ambrosia salsola</i>			33.200.01	Association	Keeler-Wolf et al. 1998b	Evens 2000, Hart et al. 1979, Johnson
2517	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>eriocentra</i>			33.200.06	Association	Keeler-Wolf and Thomas	McHargue 1973, O'Leary and Minnich
2518	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>confertifolia</i>			33.200.04	Association	Keeler-Wolf and Thomas	McHargue 1973, O'Leary and Minnich
2519	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Ambrosia salsola - Bebbia juncea</i>			33.200.05	Association	Keeler-Wolf and Thomas	McHargue 1973, O'Leary and Minnich
2520	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Ambrosia salsola - Brickellia incana</i>			33.200.07	Association	Keeler-Wolf and Thomas	McHargue 1973, O'Leary and Minnich
2521	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>fasciculatum</i>			33.200.02	Association	Keeler-Wolf et al. 1998b	Keeler-Wolf and Thomas 2000,
2522	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Ambrosia salsola - Larrea tridentata</i>			33.200.10	Association	Keeler-Wolf and Thomas	McHargue 1973, O'Leary and Minnich
2523	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>schottii</i>			33.200.09	Association	Evens and Hartman 2007	
2524	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Ambrosia salsola - Senna armata</i>			33.200.08	Association	Keeler-Wolf and Thomas	McHargue 1973, O'Leary and Minnich
2525	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>thurberi</i>			33.200.11	Association	Keeler-Wolf and Thomas	McHargue 1973, O'Leary and Minnich
2526	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Atriplex polycarpa</i> (Allscale scrub)	Allscale scrub	G5 S4	36.340.00	Alliance	Cheatham and Haller 1975	Barry 1989a,1989b, Bittman 1985, Brown
2527	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	Sierra Tehachapi Saltbush Scrub		G2 S2.1				
2528	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	Interior Coast Range Saltbush Scrub		G2 S2.1				
2529	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	Desert Saltbush Scrub		G4 S3.2				
2530	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Atriplex polycarpa</i>			36.340.04	Association	Peterson 1984a	Peterson 1984b, Keeler-Wolf 2007,
2531	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>confertifolia</i>			36.340.01	Association	Yoder et al. 1983	
2532	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Atriplex polycarpa sparse playa</i>			36.340.05	Association	Griggs and Zaninovitch 1984	Evens and Hartman 2007, Griggs 1980b,
2533	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Encelia farinosa</i> (Brittle bush scrub)	Brittle bush	G5 S4	33.030.00	Alliance	Burk 1977	Barbour 1994, Barry 1989a, b, Brown and
2534	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>scrub</i>			33.030.05	Association	Klein and Evens 2005	MacMahon 1988
2535	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Encelia farinosa - warm desert</i>			33.030.01	Association	Vasek and Barbour 1977	Evens and Hartman 2007, Hunt 1966,
2536	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	- <i>Fouquieria splendens</i>			33.030.07	Association	Evens and Hartman 2007	Hunt 1977
2537	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	- <i>Salvia greatae</i>			33.030.08	Association	Evens and Hartman 2007	Hunt 1977
2538	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	- <i>Senna armata</i>			33.030.09	Association	Evens and Hartman 2007	Hunt 1977
2539	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>californica</i>			33.030.04	Association	Klein and Evens 2005	MacMahon 1988
2540	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>fasciculatum - Agave deserti</i>			33.030.03	Association	Keeler-Wolf et al. 1998b	
2541	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>californica</i>			33.030.06	Association	Kirkpatrick and Hutchinson	
2542	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>schottii</i>			33.030.02	Association	Keeler-Wolf et al. 1998b	Evens and Hartman 2007, Hunt 1966
2543	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Larrea tridentata</i> (Creosote bush	Creosote bush	G5 S5	33.010.00	Alliance	Sawyer and Keeler-Wolf 1995	
2544	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Larrea tridentata</i>			33.140.04	Association	Spolsky 1979	Keeler-Wolf et al. 2005

2545	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>confertifolia</i>	33.010.17	Association	Keeler-Wolf and Thomas	Mac Mahon 1988, Marshall 1995b,
2546	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>hymenelytra</i>	33.010.16	Association	Keeler-Wolf and Thomas	Annable 1985, Brown and Minnich 1986,
2547	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Larrea tridentata - Atriplex polycarpa</i>	33.010.12	Association	Keeler-Wolf and Thomas	Evens and Hartman 2007, Holtzman
2548	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>nevadensis</i>	33.010.10	Association	Keeler-Wolf and Thomas	Mac Mahon 1988, Marshall 1995b, Mc
2549	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Pleuraphis rigida</i>	33.010.07	Association	Keeler-Wolf et al. 1998b	Keeler-Wolf et al. 2005
2550	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Larrea tridentata - Pleuraphis rigida</i>	33.010.13	Association	Keeler-Wolf and Thomas	Mac Mahon 1988, Marshall 1995b, Evens
2551	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Lycium andersonii</i>	33.010.14	Association	Keeler-Wolf and Thomas	Mac Mahon 1988, Marshall 1995b, Mc
2552	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Larrea tridentata / cryptogamic crust</i>	33.010.19	Association	Evens and Hartman 2007	Holtzman 1994, Hunt 1966
2553	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>inflatum</i>	33.010.09	Association	Keeler-Wolf and Thomas	Evens and Hartman 2007, Holtzman
2554	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Larrea tridentata / wash</i>	33.010.06	Association	Keeler-Wolf et al. 1998b	Keeler-Wolf et al. 2005
2555	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Larrea tridentata - Ambrosia salsola</i>	33.010.08	Association	Keeler-Wolf et al. 1998b,	Keeler-Wolf and Thomas 2000, Keeler-
2556	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa</i> (Creosote bush - white burr	Creosote bush	G5 S5	Keeler-Wolf et al. 1998b	
2557	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Sonoran Creosote Bush Scrub</i>		G4 S4		
2558	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Mojave Creosote Bush Scrub</i>		G4 S4		
2559	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa</i>	33.140.42	Association	Peterson 1984a	Annable 1985, Brooks and Minnich 2006,
2560	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - / Atriplex hymenelytra</i>	33.140.09	Association	Keeler-Wolf et al. 1998b	
2561	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Amphipappus fremontii</i>	33.140.40	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2562	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Atriplex canescens</i>	33.140.37	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2563	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Atriplex confertifolia</i>	33.140.39	Association	Keeler-Wolf and Thomas	MacMahon 1988, MacMahon and
2564	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Atriplex confertifolia -</i>	33.140.45	Association	Keeler-Wolf	MacMahon 1988, Marshall 1994, Turner
2565	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Atriplex polycarpa</i>	33.140.38	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2566	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Bebbia juncea</i>	33.140.36	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2567	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Cylindropuntia</i>	33.140.46	Provisional Assoc	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2568	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Cylindropuntia</i>	33.140.18	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2569	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Echinocactus</i>	33.140.33	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2570	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Encelia farinosa</i>	33.140.32	Association	Keeler-Wolf and Thomas	Keeler-Wolf et al. 2005, MacMahon 1988,
2571	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Encelia virginensis</i>	33.140.31	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2572	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Ephedra californica</i>	33.140.30	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2573	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Ephedra nevarea</i>	33.140.29	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2574	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Ephedra nevadensis</i>	33.140.20	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2575	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Ephedra viridis</i>	33.140.47	Provisional Assoc	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2576	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Ericameria cooperi</i>	33.140.48	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2577	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Eriogonum fasciculatum</i>	33.140.28	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2578	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Eriogonum inflatum</i>	33.140.27	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2579	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Fouquieria splendens</i>	33.140.44	Association	Evens and Hartman 2007	
2580	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Galium angustifolium -</i>	33.140.10	Association	Keeler-Wolf et al. 1998b	
2581	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Grayia spinosa</i>	33.140.26	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2582	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Gutierrezia sarothrae</i>	33.140.25	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2583	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Krameria erecta</i>	33.140.23	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2584	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Krameria grayii</i>	33.140.22	Association	Keeler-Wolf and Thomas	Keeler-Wolf et al. 2005, MacMahon 1988,
2585	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Lepidium fremontii</i>	33.140.21	Associatio	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2586	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Lycium andersonii</i>	33.140.19	Associatio	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2587	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Olneya tesota</i>	33.140.49	Association	Evens and Hartman 2007	
2588	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Opuntia basilaris</i>	33.140.43	Provisional Assoc	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2589	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Petalonyx thurberi</i>	33.140.24	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2590	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Pleuraphis rigida</i>	33.140.17	Association	Keeler-Wolf and Thomas	Keeler-Wolf et al. 2005, Evens and
2591	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Psorothamnus</i>	33.140.15	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2592	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Psorothamnus emoryi -</i>	33.140.08	Association	Keeler-Wolf et al. 1998b	Evens and Hartman 2007, Holzman
2593	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Psorothamnus fremontii</i>	33.140.16	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2594	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Psorothamnus schottii</i>	33.140.07	Association	Keeler-Wolf et al. 1998b	Keeler-Wolf et al. 2005
2595	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Psorothamnus spinosus</i>	33.140.50	Association	Evens and Hartman 2007	Holtzman 1994, Hunt 1966, Keeler-Wolf
2596	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Salazaria mexicana</i>	33.140.14	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2597	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Senna armata</i>	33.140.13	Association	Keeler-Wolf and Thomas	Evens and Hartman 2007, Holzman
2598	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Viguiera parishii</i>	33.140.12	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2599	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa - Yucca schidigera</i>	33.140.11	Association	Keeler-Wolf and Thomas	Evens and Hartman 2007, Holzman
2600	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa / Cryptogrammic crust</i>	33.140.35	Association	Keeler-Wolf and Thomas	Evens and Hartman 2007, Holzman
2601	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa / Dalea mollissima</i>	33.140.34	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1994, 1995b,
2602	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	(Creosote bush - brittle bush scrub)	Creosote bush	G5 S4	Keeler-Wolf and Thomas	Keeler-Wolf et al. 1998b, Thomas et al.
2603	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Larrea tridentata - Encelia farinosa</i>	33.027.05	Association	Keeler-Wolf and Thomas	Keeler-Wolf et al. 2005, Evens and
2604	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Ambrosia dumosa</i>	33.027.03	Association	Keeler-Wolf and Thomas	Evens and Hartman 2007, Hunt 1966,
2605	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Bebbia juncea</i>	33.027.02	Association	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1995b, Pase
2606	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Fouquieria splendens</i>	33.027.04	Association	Keeler-Wolf et al. 2005	
2607	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Peucephyllum schottii</i>	33.027.06	Provisional Assoc	Keeler-Wolf et al. 1998b	Keeler-Wolf and Thomas 2000,
2608	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Pleurocoronis plariseta</i>	33.027.07	Provisional Assoc	Keeler-Wolf and Thomas	MacMahon 1988, Marshall 1995b,
2609	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	Sonoran Mixed Woody and		G4 S3.2		
2610	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Cylindropuntia bigelovii</i> (Teddy bear	Teddy bear	G4 S3	Burk 1977	Evens and Hartman 2007, Keeler-Wolf et
2611	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Cylindropuntia bigelovii</i>	33.050.00	Alliance	Keeler-Wolf et al. 2005	Evens and Hartman 2007, Keeler-Wolf et
2612	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Pleuraphis rigida</i> (Big galleta shrub-	Big galleta	G3 S2	Keeler-Wolf et al. 1998b	Cheatham and Haller 1975, Barry 1989a,
2613	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Pleuraphis rigida</i>	41.030.01	Association	Keeler-Wolf and Thomas	Matthews 2000
2614	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Pleuraphis rigida - Dalea mollissima</i>	41.030.04	Association	Keeler-Wolf and Thomas	Matthews 2000
2615	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>sphaerocephalus</i>	41.030.02	Association	Keeler-Wolf and Thomas	Matthews 2000
2616	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa</i>	41.030.06	Association	Keeler-Wolf and Thomas	Matthews 2000
2617	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>canescens</i>	41.030.05	Association	Keeler-Wolf et al. 2005	Keeler-Wolf and Thomas 2000, Matthews
2618	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>californica</i>	41.030.07	Association	Evens and Hartman 2007	
2619	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>cooperi</i>	41.030.03	Association	Keeler-Wolf and Thomas	Matthews 2000

2620	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Pleuraphis rigida</i> / <i>Larrea tridentata</i>				41.030.08 Association	Thorne 1976	
2621	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Tidestromia oblongifolia</i> (Arizona	Arizona honey	G3 S3		33.330.00 Provisional Allian	Thomas et al. 2004	Minnich et al. 1993, Paysen et al. 1980,
2622	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Parkinsonia microphylla</i> (Foothill	Foothill palo	G4 S1		33.150.00 Alliance	Pavek 1993a	
2623	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	Arizona Woodland		G3 S1.2				Brown 1994, De Groot 2007, Pavek
2624	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Prunus fremontii</i> (Desert apricot	Desert apricot	G4 S3		33.220.00 Alliance	Keeler-Wolf et al. 1998b	
2625	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Prunus fremontii</i>				33.220.01 Association	Keeler-Wolf et al. 1998b	Evens and San 2005, Reed 1993b, Tratz
2626	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Simmondsia chinensis</i> (Jojoba	Jojoba scrub	G4 S3?		33.005.00 Provisional Allian	Gentry 1958	
2627	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>fasciculatum</i> - <i>Opuntia parryi</i>				33.005.01 Provisional Assoc	Gentry 1958	
2628	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Tetracoccus hallii</i> (Hall's shrubby-	Hall's shrubby-	G2 S1		33.350.00 Provisional Allian	Keeler-Wolf et al. 2005	
2629	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Viguiera parishii</i> (Parish's goldeneye	Parish's	G4 S4		33.032.00 Alliance	Keeler-Wolf et al. 1998b	Evens and San 2005
2630	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Viguiera parishii</i>				33.032.03 Association	Keeler-Wolf and Thomas	Thomas et al. 2004
2631	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Viguiera parishii</i> - <i>Agave deserti</i>				33.032.01 Association	Keeler-Wolf et al. 1998b	Evens and San 2005
2632	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Viguiera parishii</i> - <i>Encelia farinosa</i>				33.032.04 Association	Keeler-Wolf and Thomas	Thomas et al. 2004
2633	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>fasciculatum</i>				33.032.02 Association	Keeler-Wolf et al. 1998b	Evens and San 2005, Keeler-Wolf and
2634	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Viguiera parishii</i> - <i>Salvia dorrii</i>				33.032.05 Association	Keeler-Wolf and Thomas	Thomas et al. 2004
2635	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Ziziphus obtusifolia</i> (Graythorn	Graythorn	G2 S2?		33.225.00 Special Stands	Keeler-Wolf et al. 2005	Nellessen 2002
2636	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Menodora spinescens</i> (Spiny	Spiny	G4 S3		33.290.00 Alliance	Keeler-Wolf and Thomas	Keeler-Wolf et al. 2007
2637	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>confertifolia</i>				33.290.01 Provisional Assoc	Keeler-Wolf and Thomas	Thomas et al. 2004
2638	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>nevadensis</i>				33.290.02 Provisional Assoc	Keeler-Wolf and Thomas	Thomas et al. 2004
2639	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Salazaria mexicana</i> (Bladder sage	Bladder sage	G4 S4		33.310.00 Alliance	Keeler-Wolf and Thomas	
2640	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Salazaria mexicana</i>				33.310.01 Association	Keeler-Wolf and Thomas	Keeler-Wolf et. Al. 2005
2641	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>salsola</i> - <i>Eriogonum fasciculatum</i>				33.310.03 Provisional Assoc	Keeler-Wolf and Thomas	Tesky 1994, Thomas et al. 2004
2642	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>reticulata</i> - <i>Atriplex confertifolia</i>				33.310.02 Provisional Assoc	Keeler-Wolf and Thomas	Tesky 1994, Thomas et al. 2004
2643	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Yucca brevifolia</i> (Joshua tree	Joshua tree	G4 S3		33.170.00 Alliance	Thomas et al. 2004	
2644	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	Joshua Tree Woodland		G4 S3.2				
2645	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Yucca brevifolia</i>				33.170.01 Association	Keeler-Wolf and Thomas	MacMahon 1988, Paysen et al. 1980,
2646	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>nevadensis</i>				33.170.20 Association	Keeler-Wolf and Thomas	MacMahon 1988, Paysen et al. 1980,
2647	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Pleuraphis jamesii</i>				33.170.18 Association	Keeler-Wolf and Thomas	MacMahon 1988, Paysen et al. 1980,
2648	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>tridentata</i> - <i>Atriplex confertifolia</i>				33.170.04 Association	Keeler-Wolf and Thomas	MacMahon 1988, Paysen et al. 1980,
2649	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>ramosissima</i>				33.170.02 Association	Keeler-Wolf and Thomas	Keeler-Wolf et al. 2005, MacMahon 1988,
2650	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>acanthocarpa</i>				33.170.06 Association	Keeler-Wolf and Thomas	Keeler-Wolf et al. 2005, MacMahon 1988,
2651	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>microcephala</i> / <i>Pleuraphis rigida</i>				33.170.14 Association	Keeler-Wolf and Thomas	Keeler-Wolf et al. 2005, MacMahon 1988,
2652	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>californica</i> / <i>Coleogyne ramosissima</i>				33.170.03 Association	Keeler-Wolf et al. 2005	MacMahon 1988, Paysen et al. 1980,
2653	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>californica</i> / <i>Ephedra nevadensis</i>				33.170.19 Association	Keeler-Wolf et al. 2005	
2654	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Yucca schidigera</i>				33.170.10 Association	Keeler-Wolf and Thomas	MacMahon 1988, Paysen et al. 1980,
2655	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Ambrosia dumosa</i> - <i>Eriogonum</i>				33.170.11 Association	Keeler-Wolf and Thomas	MacMahon 1988, Paysen et al. 1980,
2656	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Pleuraphis rigida</i>				33.170.15 Association	Keeler-Wolf et al. 2005	
2657	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Yucca brevifolia</i> / <i>Lycium andersonii</i>				33.170.08 Association	Keeler-Wolf and Thomas	MacMahon 1988, Paysen et al. 1980,
2658	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>jamesii</i>				33.170.07 Association	Keeler-Wolf and Thomas	MacMahon 1988, Paysen et al. 1980,
2659	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Yucca brevifolia</i> / <i>Pleuraphis rigida</i>				33.170.16 Association	Keeler-Wolf et al. 2005	
2660	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Muhlenbergia porteri</i>				33.170.17 Association	Keeler-Wolf and Thomas	MacMahon 1988, Paysen et al. 1980,
2661	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Yucca brevifolia</i> / <i>Prunus fasciculata</i>				33.170.13 Association	Keeler-Wolf et al. 2005	
2662	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>mexicana</i>				33.170.09 Association	Keeler-Wolf and Thomas	MacMahon 1988, Paysen et al. 1980,
2663	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Yucca schidigera</i> (Mojave yucca	Mojave yucca	G4 S4		33.070.00 Alliance	Thomas et al. 2004	
2664	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	Mojave Yucca Scrub and Steppe		G3 S3.2				
2665	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Yucca schidigera</i>				33.070.01 Association	cf. Keeler-Wolf et al. 1998b	Keeler-Wolf and Thomas 2000, Keeler-
2666	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>dumosa</i>				33.070.03 Association	Keeler-Wolf and Thomas	MacMahon 1988, Minnich et al. 1993,
2667	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>ramosissima</i>				33.070.04 Association	Keeler-Wolf and Thomas	cf. Keeler-Wolf et al. 1998b, Keeler-Wolf
2668	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>acanthocarpa</i>				33.070.08 Association	Keeler-Wolf and Thomas	cf. Keeler-Wolf et al. 1998b, Keeler-Wolf
2669	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>nevadensis</i>				33.070.02 Association	cf. Keeler-Wolf et al. 1998b	Keeler-Wolf and Thomas 2000,
2670	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>fasciculatum</i>				33.070.07 Association	Keeler-Wolf and Thomas	cf. Keeler-Wolf et al. 1998b, MacMahon
2671	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Agave deserti</i>				33.070.11 Association	cf. Keeler-Wolf et al. 1998b	
2672	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Ambrosia dumosa</i>				33.070.05 Association	Keeler-Wolf and Thomas	cf. Keeler-Wolf et al. 1998b, Keeler-Wolf
2673	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Ephedra nevadensis</i>				33.070.06 Association	Keeler-Wolf et al. 1998b	Keeler-Wolf et al. 2005, Keeler-Wolf and
2674	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Simmondsia chinensis</i>				33.070.10 Association	Keeler-Wolf et al. 2005	
2675	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Yucca schidigera</i> - <i>Viguiera parishii</i>				33.070.09 Association	Keeler-Wolf and Thomas	cf. Keeler-Wolf et al. 1998b, Keeler-Wolf
2676	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG088. Mojavean–Sonoran Desert	<i>Yucca schidigera</i> / <i>Pleuraphis rigida</i>				33.070.12 Association	Keeler-Wolf et al. 1998b	Keeler-Wolf et al. 2005, Keeler-Wolf and
2677	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG089. Viscaíno–Baja California	<i>Coreopsis gigantea</i> (Giant coreopsis	Giant	G3 S3?		43.100.00 Alliance	Keeler-Wolf and Evens 2006	Johnson and Rodriguez 2001, Junak et
2678	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG089. Viscaíno–Baja California	<i>californica</i> - <i>Eriogonum cinereum</i>				43.100.01 Association	Keeler-Wolf and Evens 2006	Keeler-Wolf and Evens 2006
2679	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG089. Viscaíno–Baja California	<i>ericoides</i> - <i>Encelia californica</i>				43.100.02 Association	Keeler-Wolf and Evens 2006	Keeler-Wolf and Evens 2006
2680	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG089. Viscaíno–Baja California	<i>Lycium californicum</i> (California	California	G2? S2?		33.365.00 Provisional Allian	Dunkle 1950	Corry 2006, Johnson and Rodriguez
2681	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG089. Viscaíno–Baja California	<i>Opuntia littoralis</i> (Coast prickly pear	Coast prickly	G4 S3		32.150.00 Alliance	Benson and Walkington 1965	Keeler-Wolf and Evens 2006
2682	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG089. Viscaíno–Baja California	Maritime Succulent Scrub		G2 S1.1				
2683	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG089. Viscaíno–Baja California	<i>fasciculatum</i> - <i>Malosma laurina</i>				32.150.01 Association	Evens and San 2005	Johnson 2000b, Jones and Stokes
2684	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG089. Viscaíno–Baja California	<i>sage scrub</i>				32.150.02 Association	Evens and San 2005	Johnson 2000b, Jones and Stokes
2685	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG089. Viscaíno–Baja California	<i>Bursera microphylla</i> (Elephant tree	Elephant tree	G4 S1		33.120.00 Special Stands	Burk 1977	Keeler-Wolf et al. 1998b, MacMahon
2686	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG089. Viscaíno–Baja California	Elephant Tree Woodland		G3 S1.2				
2687	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	Desert Dry Wash Woodland		G3 S3.2				
2688	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	Mojave Wash Scrub		G3 S3.2				
2689	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	Mojave Desert Wash Scrub		G3 S3.2				
2690	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Acacia greggii</i> (Catclaw acacia thorn	Catclaw	G5 S4		33.040.00 Alliance	Cheatham and Haller 1975	
2691	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Acacia greggii</i> - <i>Ambrosia eriocentra</i>				33.040.08 Association	Keeler-Wolf and Thomas	Evens 2000
2692	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Acacia greggii</i> - <i>Ambrosia salsola</i>				33.040.05 Association	Keeler-Wolf and Thomas	Evens 2000
2693	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>(Bromus rubens)</i>				33.040.02 Association	Keeler-Wolf et al. 1998b	Evens and San 2005, Johnson 1976,
2694	3. Xeromorphic	3.A. Warm Semi-Desert	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Acacia greggii</i> - <i>Bebbia juncea</i>				33.040.10 Association	Keeler-Wolf et al. 2005	Evens and Hartman 2007

2695	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Acacia greggii - Encelia virginensis fasciculatum</i>			33.040.12	Association	Thorne 1976	Evens 2000, Keeler-Wolf and Thomas
2696	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Acacia greggii - Hyptis emoryi</i>			33.040.13	Association	Keeler-Wolf et al. 1998b	
2697	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Acacia greggii - Prunus fasciculata</i>			33.040.03	Association	Keeler-Wolf and Thomas	Keeler-Wolf et al. 2005
2698	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Acacia greggii - Salvia dorrii</i>			33.040.07	Association	Keeler-Wolf and Thomas	Keeler-Wolf et al. 2005
2699	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Acacia greggii - Salvia dorrii</i>			33.040.09	Association	Keeler-Wolf and Thomas	Evens 2000, MacMahon 1988, Paysen et
2700	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Acacia greggii - Viguiera parishii var. pauciflorum</i>			33.040.06	Association	Keeler-Wolf and Thomas	MacMahon 1988, Paysen et al. 1980,
2701	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Acacia greggii - Viguiera parishii var. pauciflorum</i>			33.040.11	Association	Wirka and Barbour 1997	
2702	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Ephedra californica</i> (California joint)	California joint	G3 S3	33.040.01	Association	Keeler-Wolf et al. 1998b	
2703	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Monvero Residual Dunes</i>		G1 S1.2	33.270.00	Alliance	Keeler-Wolf and Thomas	Evens 2000
2704	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Ephedra californica</i>			33.270.01	Association	Keeler-Wolf et al. 2005	Evens and Hartman 2007
2705	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>salsola</i>			33.270.02	Association	Keeler-Wolf and Thomas	Evens 2000, McHargue 1973, Thomas et
2706	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>californica / Eriastrum pluriflorum</i>			33.270.04	Association	Evens et al. 2006	
2707	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>perennial herb</i>			33.270.03	Association	Evens et al. 2006	
2708	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Ericameria paniculata</i> (Black-stem)	Black-stem	G4 S3	35.340.00	Alliance	Keeler-Wolf and Thomas	Keeler-Wolf et. Al. 2005
2709	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Ericameria paniculata</i>			35.340.01	Association	Evens 2000	Johnson 1976, Keeler-Wolf and Thomas
2710	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>eriocentra</i>			35.340.03	Association	Vasek and Barbour 1977	Keeler-Wolf and Thomas 2000
2711	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>salsola</i>			35.340.02	Association	Vasek and Barbour 1977	Keeler-Wolf and Thomas 2000
2712	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Ericameria parryi</i> (Parry's)	Parry's	G4 S3	35.340.00	Alliance	Keeler-Wolf and Thomas	Keeler-Wolf et. Al. 2005
2713	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>diffusum</i>			35.320.01	Association	Young et al. 1977	Taylor 1980, West 1988.
2714	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Lepidospartum squamatum</i> (Scale)	Scale broom	G3 S3	32.070.00	Alliance	Barbour and Wirka 1997	Keeler-Wolf et al. 1998b, Barry 1989a,
2715	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Artemisia californica</i>			32.070.09	Association	cf. Evens et al. 2006	
2716	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Atriplex canescens</i>			32.070.04	Association	Klein and Evens 2005	Magney 1992, Smith 1980, 1996, Wells
2717	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Baccharis salicifolia</i>			32.070.05	Association	Klein and Evens 2005	Magney 1992, Smith 1980, 1996, Wells
2718	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Eriodictyon crassifolium - Eriodictyon trichocalyx - Eriogonum fasciculatum</i>			32.070.02	Association	Kirkpatrick and Hutchinson	Barbour and Wirka 1997, Barry 1989a,
2719	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Amsinckia menziesii</i>			32.070.08	Association	Barbour and Wirka 1997	Barry 1989a, 1989, Gordon and White
2720	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>ephemeral annuals</i>			32.070.06	Association	Barbour and Wirka 1997	Barry 1989a, 1989, Gordon and White
2721	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Prunus fasciculata</i> (Desert almond)	Desert almond	G4 S3	32.070.07	Association	Klein and Evens 2005	Magney 1992, Smith 1980, 1996, Wells
2722	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Prunus fasciculata</i>			32.070.03	Association	Barbour and Wirka 1997	Barry 1989a, 1989b
2723	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>reticulata - Mortonia utahensis)</i>			33.300.01	Alliance	Keeler-Wolf and Thomas	Keeler-Wolf and Thomas 2000
2724	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>eriocentra</i>			33.300.06	Association	Keeler-Wolf and Thomas	Evens 2000, Keeler-Wolf 2007b, Thomas
2725	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>stansburiana</i>			33.300.05	Association	Evens 2000	Keeler-Wolf and Thomas 2000, Keeler-
2726	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Prunus fasciculata - Rhus trilobata</i>			33.300.04	Association	Evens 2000	Keeler-Wolf and Thomas 2000, Keeler-
2727	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>mexicana</i>			33.300.03	Association	Keeler-Wolf and Thomas	Evens 2000, Keeler-Wolf 2007b, Thomas
2728	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Viguiera reticulata</i> (Net-veined)	Net-veined	G3 S3?	33.300.02	Association	Keeler-Wolf and Thomas	Evens 2000, Keeler-Wolf 2007b, Thomas
2729	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Viguiera reticulata</i>			33.033.00	Alliance	Keeler-Wolf and Thomas	Keeler-Wolf and Thomas 2000
2730	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Agave deserti</i> (Desert agave scrub)	Desert agave	G3 S3	33.075.01	Association	Keeler-Wolf and Thomas	Evens 2000, Keeler-Wolf 2007b, Thomas
2731	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>(wash and terrace)</i>			33.075.00	Alliance	Keeler-Wolf et al. 1998b	Reid et al. 1999, Peterson 1984a, 1984b,
2732	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Agave deserti - Yucca schidigera</i>			33.073.01	Association	Keeler-Wolf et al. 1998b	Gentry 1982
2733	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Castela emoryi</i> (Crucifixion thorn)	Crucifixion	G2 S1	33.075.02	Association	Keeler-Wolf et al. 1998b	Turner et al. 1995, Uchtyl 1990b.
2734	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Chilopsis linearis</i> (Desert willow)	Desert willow	G4 S3	33.110.00	Special Stands	Shreve and Wiggins 1964	Turner et al. 1995, Uchtyl 1990b.
2735	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Chilopsis linearis</i>			61.550.00	Alliance	Shreve and Wiggins 1964	Turner et al. 1995
2736	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Chilopsis linearis / Ambrosia salsola polycarpa</i>			61.550.00	Alliance	Evens 2000	Thomas et al. 2004
2737	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>paniculata</i>			61.550.01	Association	Spolsky 1979	Johnson 1976, Keeler-Wolf et al. 2005,
2738	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>fasciculata - Ambrosia salsola</i>			61.550.02	Association	Keeler-Wolf and Thomas	Evens 2000, Johnson 1976
2739	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Chilopsis linearis / Salvia dorrii</i>			61.550.08	Association	Keeler-Wolf and Thomas	Evens 2000, Johnson 1976
2740	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Chilopsis linearis / Viguiera parishii</i>			61.550.07	Association	Keeler-Wolf and Thomas	Evens 2000, Johnson 1976
2741	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Hyptis emoryi</i> (Desert lavender)	Desert	G4 S3	61.550.03	Association	Keeler-Wolf and Thomas	Evens 2000, Johnson 1976
2742	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Hyptis emoryi</i>			61.550.05	Association	Keeler-Wolf and Thomas	Evens 2000, Johnson 1976
2743	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>schottii</i>			33.190.00	Alliance	Keeler-Wolf et al. 1998b	
2744	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Justicia californica</i> (Chuparosa)	Chuparosa	G2 S2?	33.190.01	Association	Keeler-Wolf et al. 2005	Thomas et al. 2004
2745	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Koeberlinia spinosa</i> (Crown-of-)	Crown-of-	G2 S1	33.190.02	Association	Keeler-Wolf et al. 1998b	
2746	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>All Thorn Woodland</i>		G3 S1.1	33.190.00	Special Stands	Keeler-Wolf et al. 2005	Turner et al. 1995
2747	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>(Blue palo verde - Ironwood</i>	Blue palo	G4 S3	33.100.00	Special Stands	Turner et al. 1995	Schoenherr and Burk 2007
2748	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Parkinsonia florida</i>			61.545.00	Alliance	Keeler-Wolf et al. 1998b	Evens and Hartman 2007, Barry 1989a,
2749	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Encelia frutescens Parkinsonia</i>			61.545.05	Association	Spolsky 1979	Evens and Hartman 2007, Humberto et
2750	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Parkinsonia florida - Olneya tesota</i>			61.545.06	Association	Evens and Hartman 2007	Humberto et al. 1999
2751	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Cylindropuntia munzii</i>			61.545.10	Association	Keeler-Wolf et al. 2005	Evens and Hartman 2007
2752	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Hyptis emoryi</i>			61.545.12	Association	Keeler-Wolf et al. 2005	Evens and Hartman 2007
2753	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>linearis</i>			61.545.11	Association	Keeler-Wolf et al. 2005	Evens and Hartman 2007
2754	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Parkinsonia florida / Hyptis emoryi tridentata - Peucephyllum schottii</i>			61.545.07	Association	Keeler-Wolf et al. 2005	Keeler-Wolf et al. 2005
2755	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Olneya tesota</i>			61.545.08	Association	Keeler-Wolf et al. 2005	Evens and Hartman 2007
2756	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>schottii</i>			61.545.09	Association	Evens and Hartman 2007	Keeler-Wolf et al. 2005
2757	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Olneya tesota / Hyptis emoryi</i>			61.545.01	Association	Keeler-Wolf et al. 2005	Evens and Hartman 2007
2758	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Encelia farinosa</i>			61.545.02	Association	Keeler-Wolf et al. 2005	Keeler-Wolf et al. 2005
2759	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Pluchea sericea</i> (Arrow weed)	Arrow weed	G3 S3	61.545.04	Association	Evens and Hartman 2007	Keeler-Wolf et al. 2005
2760	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Arrowweed Scrub</i>		G3 S3.3	61.545.03	Association	Keeler-Wolf et al. 2005	Spolsky 1979
2761	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Pluchea sericea</i>			63.710.00	Alliance	Barry 1989a	Barry 1989b, Keeler-Wolf 2007b
2762	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>occidentalis</i>			63.710.01	Provisional Assoc	Keeler-Wolf and Thomas	Paysen et al. 1980, 1982, Schoenherr
2763	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>canescens</i>			63.710.02	Provisional Assoc	Keeler-Wolf and Thomas	Paysen et al. 1980, 1982, Schoenherr
2764	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-				63.710.03	Provisional Assoc	Keeler-Wolf and Thomas	Paysen et al. 1980, 1982, Schoenherr
2765	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-							
2766	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-							
2767	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-							
2768	3. Xeromorphic	3.A. Warm Semi-										

2770	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Prosopis glandulosa</i> (Mesquite	Mesquite	G5 S3	61.512.00 Alliance	Thomas et al. 2004	Evens and San 2005, Klein and Evens
2771	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	Great Valley Mesquite Scrub		G1 S1.1			
2772	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	Mesquite Bosque		G3 S2.1			
2773	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Prosopis glandulosa</i>			61.512.01 Association	Keeler-Wolf and Thomas	
2774	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Salix lasiolepis</i>			61.512.09 Association	Keeler-Wolf et al. 1998b	
2775	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>nigra</i>			61.512.02 Association	Klein and Evens 2005	MacMahon 1988, Martin 1980, Paysen
2776	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>canescens</i>			61.512.04 Association	Keeler-Wolf and Thomas	
2777	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	(alkaline)			61.512.03 Association	Keeler-Wolf et al. 1998b	Evens and Hartman 2007
2778	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	- <i>Petalonyx thurberi</i> (wash)			61.512.05 Association	Keeler-Wolf et al. 1998b	
2779	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>sericea</i> - <i>Atriplex canescens</i>			61.512.06 Association	Keeler-Wolf et al. 1998b	
2780	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	(upper desert spring)			61.512.07 Association	Keeler-Wolf et al. 1998b	Evens and San 2005
2781	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>moquinii</i>			61.512.08 Association	Keeler-Wolf and Thomas	
2782	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Prosopis pubescens</i> (Screwbean	Screwbean	G3 S2	61.513.00 Alliance	Thomas et al. 2004	Brown 1982f, Bukart 1976, Hilu et al.
2783	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Prosopis</i> / <i>Atriplex</i> spp. (alkaline)			61.513.01 Association	Keeler-Wolf et al. 1998b	MacMahon 1988, Martin 1980, Meyer
2784	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Petalonyx thurberi</i> (wash)			61.513.03 Association	Keeler-Wolf et al. 1998b	MacMahon 1988, Martin 1980, Meyer
2785	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>canescens</i> (alkaline spring)			61.513.02 Association	Keeler-Wolf et al. 1998b	MacMahon 1988, Martin 1980, Meyer
2786	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Psoralea argemone</i> (Smoke	Smoke tree	G4 S3	61.570.00 Alliance	Keeler-Wolf et al. 1998b	Evens 2000, Evens and Hartman 2007,
2787	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>Psoralea argemone</i>			61.570.01 Association	Spolsky 1979	Evens and Hartman 2007, Johnson
2788	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>greggii</i> - <i>Chrysothamnus sp</i>			61.570.06 Association	Keeler-Wolf et al. 1998b	Evens and Hartman 2007, Johnson 1976
2789	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>salsola</i> - <i>Bebbia juncea</i>			61.570.02 Association	Keeler-Wolf and Thomas	MacMahon 1988, Monzingo1987, Paysen
2790	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>californica</i> - <i>Ambrosia salsola</i>			61.570.03 Association	Keeler-Wolf et al. 2005	Evens 2000, Evens and Hartman 2007,
2791	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	<i>emoryi</i> - <i>Acacia greggii</i>			61.570.04 Association	Keeler-Wolf and Thomas	MacMahon 1988, Monzingo1987, Paysen
2792	3. Xeromorphic	3.A. Warm Semi-	3.A.1. Warm Semi-Desert	3.A.1.a. Sonoran and	MG092. Madrean Warm Semi-	Crucifixion Thorn Woodland		G3 S1.2			
2793	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG093. Cool Semi-Desert Alkali-	<i>Atriplex confertifolia</i> (Shadscale	Shadscale	G5 S4	36.320.00 Alliance	Thomas et al. 2004	
2794	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG093. Cool Semi-Desert Alkali-	<i>Atriplex confertifolia</i>			36.320.10 Association	Annable 1985	
2795	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG093. Cool Semi-Desert Alkali-	<i>spinosa</i> - <i>Encelia virginensis</i> var.			36.320.09 Association	Keeler-Wolf and Thomas	MacMahon 1988, MacMahon and
2796	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG093. Cool Semi-Desert Alkali-	<i>dumosa</i>			36.320.03 Association	Keeler-Wolf and Thomas	MacMahon 1988, MacMahon and
2797	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG093. Cool Semi-Desert Alkali-	<i>canescens</i>			36.320.06 Provisional Assoc	Keeler-Wolf and Thomas	Prigge, 2000, Pers Comm.. MacMahon
2798	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG093. Cool Semi-Desert Alkali-	<i>ramosissima</i>			36.320.04 Association	Keeler-Wolf and Thomas	MacMahon 1988, MacMahon and
2799	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG093. Cool Semi-Desert Alkali-	<i>nevadensis</i>			36.320.02 Association	Ferren and Davis 1991	Keeler-Wolf and Thomas 2000,
2800	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG093. Cool Semi-Desert Alkali-	<i>microcephala</i> - <i>Tetradymia axillaris</i>			36.320.05 Association	Keeler-Wolf and Thomas	MacMahon 1988, MacMahon and
2801	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG093. Cool Semi-Desert Alkali-	<i>Krascheninnikovia lanata</i>			36.320.08 Association	Keeler-Wolf and Thomas	MacMahon 1988, MacMahon and
2802	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG093. Cool Semi-Desert Alkali-	<i>andersonii</i>			36.320.07 Association	Keeler-Wolf and Thomas	MacMahon 1988, MacMahon and
2803	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG093. Cool Semi-Desert Alkali-	<i>crust</i>			36.320.11 Association	Keeler-Wolf and Thomas	MacMahon 1988, MacMahon and
2804	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG093. Cool Semi-Desert Alkali-	<i>Atriplex canescens</i> (Fourwing	Fourwing	G5 S4	36.310.00 Alliance	Keeler-Wolf et al. 1998a	Thomas et al. 2004
2805	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG093. Cool Semi-Desert Alkali-	<i>Atriplex canescens</i>			36.310.01 Association	Keeler-Wolf et al. 1998a	Keeler-Wolf et al. 2005, Evens and
2806	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG093. Cool Semi-Desert Alkali-	<i>Krascheninnikovia lanata</i>			36.310.02 Association	Peterson 1984a	Peterson 1984b, Reid et al. 1999, Vasek
2807	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG093. Cool Semi-Desert Alkali-	Shadscale Scrub		G4 S3.2			
2808	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG095. Cool Semi-desert wash	Mono Pumice Flat		G1 S1.2			
2809	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG095. Cool Semi-desert wash	<i>Encelia virginensis</i> (Virgin River	Virgin River	G4 S3	33.025.00 Alliance	Keeler-Wolf and Thomas	Esser 1993a
2810	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG095. Cool Semi-desert wash	<i>Encelia virginensis</i>			33.025.01 Association	Keeler-Wolf and Thomas	Peterson 1984a, 1984b, Reid et al.
2811	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG095. Cool Semi-desert wash	<i>Encelia virginensis</i> - <i>Salvia dorrii</i>			33.025.02 Association	Keeler-Wolf and Thomas	Evens 2000, Peterson 1984a, 1984b,
2812	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG095. Cool Semi-desert wash	<i>Ericameria nauseosa</i> (Rubber	Rubber	G5 S5	35.310.00 Alliance	Thomas et al. 2004	Evens et al. 2006
2813	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG095. Cool Semi-desert wash	Rabbitbrush Scrub		G5 S5			
2814	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG095. Cool Semi-desert wash	<i>californica</i> / annual to perennial			35.310.01 Association	Evens, Keeler-Wolf, Klein and	
2815	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG095. Cool Semi-desert wash	<i>airoides</i>			35.310.02 Association	Young et al. 1977	Ferren and Davis 1991, Paysen et al.
2816	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG095. Cool Semi-desert wash	<i>Ericameria teretifolia</i> (Needleleaf	Needleleaf	G4 S4	35.330.00 Alliance	Keeler-Wolf et al. 1998b	Thomas et al. 2004
2817	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG095. Cool Semi-desert wash	<i>Ericameria teretifolia</i>			35.330.01 Association	Keeler-Wolf et al. 1998b	Keeler-Wolf and Thomas 2000, Thomas
2818	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG095. Cool Semi-desert wash	<i>Gutierrezia sarothrae</i> (Broom snake	Broom snake	G3 S3	32.043.00 Provisional Allian	James et al. 1988	Evens and San 2005, Bonneau 2000,
2819	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG095. Cool Semi-desert wash	<i>Salvia dorrii</i> (Desert purple sage	Desert purple	G3 S2	33.320.00 Alliance	Evens 2000	Keeler-Wolf and Thomas 2000
2820	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG095. Cool Semi-desert wash	<i>Salvia dorrii</i>			33.320.01 Association	Keeler-Wolf and Thomas	Evens 2000, Reid et al. 1999,
2821	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>Artemisia rothrockii</i> (Rothrock's	Rothrock's	G3 S3	35.140.00 Alliance	Benedict 1982	Barry 1989a, 1989b, Bauer et al. 2002
2822	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>odoratissima</i>			35.140.02 Association	Taylor 1984	Keeler-Wolf et al. 2003b, Major and
2823	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>heterodoxus</i>			35.140.01 Association	Benedict 1983	Berlow et al. 2002
2824	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>Artemisia tridentata</i> (Big sagebrush)	Big sagebrush	G5 S5	35.110.00 Alliance		
2825	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	Big Sagebrush Scrub		G4 S4			
2826	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	Sagebrush Steppe		G2 S2.1			
2827	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>Artemisia tridentata</i>			35.110.02 Association	Gordon and White 1994	Johnson 2000a, Klein and Evens 2005,
2828	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>Artemisia tridentata</i> - <i>Artemisia nova</i>			35.110.11 Association	Thomas et al. 2004	Thorne 1976, Tirmenstein 1999b, Tisdale
2829	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>Chrysothamnus viscidiflorus</i>			35.110.12 Association	Thomas et al. 2004	Thorne 1976, Tirmenstein 1999b, Tisdale
2830	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>ramosissima</i>			35.110.05 Association	Thomas et al. 2004	Thorne 1976, Tirmenstein 1999b, Tisdale
2831	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>virginensis</i>			35.110.06 Association	Thomas et al. 2004	Thorne 1976, Tirmenstein 1999b, Tisdale
2832	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>nevadensis</i>			35.110.13 Association	Thomas et al. 2004	Thorne 1976, Tirmenstein 1999b, Tisdale
2833	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>nauseosa</i>			35.110.01 Association	Ferren and Davis 1991	Freeman et al. 1991, Thomas et al. 2004,
2834	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>teretifolia</i>			35.110.14 Association	Thomas et al. 2004	Thorne 1976, Tirmenstein 1999b, Tisdale
2835	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>fasciculatum</i>			35.110.09 Association	Gordon and White 1994	Johnson 2000a, Klein and Evens 2005,
2836	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>wrightii</i>			35.110.10 Association	Klein and Evens 2005	Meyer and Monsen 1992, Paysen et al.
2837	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>tridentata</i>			35.110.07 Association	Thomas et al. 2004	Thorne 1976, Tirmenstein 1999b, Tisdale
2838	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>tridentata</i> / <i>Hesperostipa comata</i>			35.110.15 Association	Taylor 1980	
2839	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>Symphoricarpos longiflorus</i>			35.110.04 Association	Taylor 1980	
2840	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	(Mountain big sagebrush) Alliance	Mountain big	G5 S5	35.111.00 Alliance	Keeler-Wolf et al. 2003b	NatureServe 2007a, Barry 1989a, b,
2841	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	Subalpine Sagebrush Scrub		G3 S3.2			
2842	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>Artemisia tridentata</i> ssp. <i>vaseyana</i>			35.111.02 Association	Cheng 2004	
2843	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>Purshia tridentata</i> / <i>Festuca</i>			35.111.03 Association	Young et al. 1977	Young et al. 2007
2844	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>Carex exserta</i>			35.111.01 Association	Keeler-Wolf and Moore 2001	

2845	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG096. Western North America	<i>Monardella odoratissima</i>				35.111.04 Association	Keeler-Wolf	Paysen et al. 1980, Shifflet 1994, Taylor
2846	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	(Little sagebrush scrub) Alliance	Little	G5 S4		35.120.00 Alliance	Keeler-Wolf et al. 2003b	Barry 1989a, 1989b
2847	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	<i>Artemisia arbuscula</i>				35.120.07 Association	Major and Taylor 1977	Marchand 1973, Paysen et al. 1980,
2848	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	<i>microthecum</i>				35.120.05 Association	Keeler-Wolf and Moore 2001	
2849	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	<i>Artemisia arbuscula / Carex exserta</i>				35.120.06 Association	S. Smith 1998	Sawyer and Keeler-Wolf 2007, 1998,
2850	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	<i>aplegatei</i>				35.120.08 Association	Stillman 1980	Taylor 1976a, Thorne 1976, Tisdale
2851	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	<i>schizotrichia</i>				35.120.09 Association	Stillman 1980	Taylor 1976a, Thorne 1976, Tisdale
2852	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	<i>nudum - Monardella odoratissima</i>				35.120.10 Association	Stillman 1980	Taylor 1976a, Thorne 1976, Tisdale
2853	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	<i>idahoensis</i>				35.120.03 Association	Stillman 1980	
2854	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	<i>pungens</i>				35.120.04 Association	Keeler-Wolf and Moore 2001	
2855	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	<i>acaulis - Geum canescens</i>				35.120.02 Association	Major and Taylor 1977	
2856	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	<i>acaulis - Linanthus pungens</i>				35.120.11 Association	Major and Taylor 1977	Marchand 1973, Paysen et al. 1980
2857	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	<i>acaulis - Tetradymia canescens</i>				35.120.12 Association	Major and Taylor 1977	Marchand 1973, Paysen et al. 1980
2858	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	<i>andersonii ssp. monoense</i>				35.120.01 Association	Major and Taylor 1977	
2859	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	(Lahontan sagebrush scrub)	Lahontan	G5 S4?		35.121.00 Provisional Allian	Zamora and Tueller 1973	Barry 1989a, 1989b, Keeler-Wolf 1984d,
2860	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	<i>Artemisia nova</i> (Black sagebrush	Black	G4 S3		35.130.00 Alliance	Thomas et al. 2004	
2861	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	Pebble Plains		G1 S1.1				
2862	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	<i>Artemisia nova</i>				35.130.01 Association	Peterson 1984a	Peterson 1984b, Reid et al. 1999, Rickard
2863	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	<i>Artemisia nova - Ambrosia salsola</i>				35.130.03 Association	Keeler-Wolf and Thomas	Thorne 1976, Tisdale 1994b, Turner
2864	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	<i>engelmannii</i>				35.130.02 Association	Keeler-Wolf and Thomas	Thorne 1976, Tisdale 1994b, Turner
2865	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG097. Western North America	Great Basin Mixed Scrub		G4 S4				
2866	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Ephedra nevadensis</i> (Nevada joint	Nevada joint	G4 S4		33.280.00 Alliance	Keeler-Wolf and Thomas	Anderson 2004a, Johnson 1984, Keeler-
2867	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Ephedra nevadensis</i>				33.280.01 Association	Keeler-Wolf and Thomas	
2868	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>confertifolia</i>				33.280.02 Association	Keeler-Wolf and Thomas	
2869	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>cooperi</i>				33.280.05 Association	Peterson 1984a,	Reid et al. 1999, Thomas et al. 2004,
2870	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>andersonii</i>				33.280.04 Association	Keeler-Wolf and Thomas	
2871	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>mexicana</i>				33.280.03 Association	Keeler-Wolf and Thomas	
2872	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Ephedra viridis</i> (Mormon tea scrub)	Mormon tea	G4 S4		33.285.00 Alliance	Thomas et al. 2004	Anderson 2001e
2873	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Ephedra viridis - Artemisia tridentata</i>				33.285.01 Association	Peterson 1984a	Reid et al. 1999, Thomas et al. 2004,
2874	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Grayia spinosa</i> (Spiny hop sage	Spiny hop	G5 S3		33.180.00 Alliance	Johnson 1976	Barry 1989a, 1989b, Beatley 1965, 1975,
2875	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>confertifolia</i>				33.180.02 Association	Keeler-Wolf and Thomas	
2876	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Grayia spinosa - Ephedra viridis</i>				33.180.06 Association	Kurzus 1981	Paysen et al. 1980
2877	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Grayia spinosa - Larrea tridentata</i>				33.180.03 Association	Keeler-Wolf and Thomas	
2878	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Grayia spinosa - Lycium andersonii</i>				33.180.04 Association	Keeler-Wolf and Thomas	Peterson 1984a, 1984b, Shaw et al.
2879	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>desertorum / Achnatherum</i>				33.180.07 Association	Kurzus 1981	Paysen et al. 1980
2880	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>ovalifolium</i>				33.180.05 Association	Keeler-Wolf and Thomas	
2881	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Krascheninnikovia lanata</i> (Winterfat	Winterfat	G4 S2		36.500.00 Alliance	Thomas et al. 2004	Ackerman 1979, Carey 1995a, 1995b,
2882	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Krascheninnikovia lanata</i>				36.500.01 Association	Young et al. 1977	Thomas et al. 2004, Turner 1982a, West
2883	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Lycium andersonii</i> (Anderson's	Anderson's	G4 S3		33.360.00 Alliance	Keeler-Wolf et al. 2005	
2884	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Lycium andersonii</i>				33.360.02 Provisional Assoc	Keeler-Wolf 2007b	
2885	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>chinensis - Pleuraphis rigida</i>				33.360.01 Association	Keeler-Wolf et al. 2005	Keeler-Wolf et. Al. 2005
2886	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Cercocarpus intricatus</i> (Small leaf	Small leaf	G4 S3?		76.300.00 Provisional Allian	Keeler-Wolf and Thomas	Brayton and Mooney 1966, Cogan et al.
2887	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Cercocarpus intricatus</i>				76.300.01 Association	Thomas et al. 2004	
2888	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Cercocarpus ledifolius</i> (Curl leaf	Curl leaf	G5 S4		76.200.00 Alliance	Davis 1994	Davis 1994b
2889	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Cercocarpus ledifolius</i>				76.200.03 Association	Keeler-Wolf and Keeler-Wolf	
2890	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>tridentata</i>				76.200.01 Association	Keeler-Wolf and Thomas	
2891	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Symphoricarpos rotundifolia</i>				76.200.02 Association	Keeler-Wolf et al. 2003b	
2892	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Coleogyne ramosissima</i> (Black	Black brush	G5 S4		33.020.00 Alliance	Anderson 2001c	Keeler-Wolf et. Al. 2005
2893	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	Blackbush Scrub		G3 S3.2				
2894	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Coleogyne ramosissima</i>				33.020.01 Association	Spolsky 1979	Keeler-Wolf and Thomas 2000, Lei
2895	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>confertifolia</i>				33.020.02 Association	Keeler-Wolf and Thomas	Lei 2001a, 2001b, Lei and Walker 1994,
2896	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>hymenelytra - Tetradymia axillaris</i>				33.020.10 Association	Keeler-Wolf and Thomas	Lei 2001a, 2001b, Lei and Walker 1994,
2897	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>nevadensis</i>				33.020.03 Association	Keeler-Wolf and Thomas	Lei 2001a, 2001b, Lei and Walker 1994,
2898	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Eriogonum fasciculatum</i>				33.020.05 Association	Keeler-Wolf and Thomas	Lei 2001a, 2001b, Lei and Walker 1994,
2899	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Eriogonum fasciculatum - Larrea</i>				33.020.06 Association	Keeler-Wolf and Thomas	Lei 2001a, 2001b, Lei and Walker 1994,
2900	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>spinosa</i>				33.020.11 Provisional Assoc	Keeler-Wolf and Thomas	Lei 2001a, 2001b, Lei and Walker 1994,
2901	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Gutierrezia microcephala</i>				33.020.12 Provisional Assoc	Keeler-Wolf and Thomas	Lei 2001a, 2001b, Lei and Walker 1994,
2902	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>tridentata - Ambrosia dumosa</i>				33.020.07 Association	Keeler-Wolf and Thomas	Lei 2001a, 2001b, Lei and Walker 1994,
2903	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>andersonii</i>				33.020.08 Association	Keeler-Wolf and Thomas	Lei 2001a, 2001b, Lei and Walker 1994,
2904	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>mexicana</i>				33.020.09 Association	Keeler-Wolf and Thomas	Lei 2001a, 2001b, Lei and Walker 1994,
2905	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Nolina (bigelovii, parryi)</i> (Nolina	Nolina scrub	G3 S2		33.080.00 Alliance	Keeler-Wolf et al. 1998b	Griffith 1991, Thomas et al. 2004
2906	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Nolina bigelovii</i>				33.080.02 Association	Keeler-Wolf and Thomas	Keeler-Wolf et al. 1998b, Reid et al. 1999,
2907	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Nolina parryi</i>				33.080.01 Association	Keeler-Wolf and Thomas	
2908	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Purshia stansburiana</i> (Stansbury	Stansbury cliff	G3 S3		33.240.00 Alliance	Keeler-Wolf and Thomas	
2909	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Purshia stansburiana</i>				33.240.01 Association	Keeler-Wolf and Thomas	Reid et al. 1999
2910	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Purshia tridentata</i> (Bitter brush	Bitter brush	G4 S3		35.200.00 Alliance	Neal 1994	Thomas et al. 2004, Keeler-Wolf et al.
2911	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>tridentata - Symphoricarpos</i>				35.200.03 Association	Keeler-Wolf et al. 2003b	Neal 1994, Nord 1965, Shifflet 1994,
2912	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>tridentata - Tetradymia canescens</i>				35.200.01 Association	Keeler-Wolf et al. 2003b	Neal 1994, Nord 1965, Shifflet 1994,
2913	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>tridentata / Achnatherum</i>				35.200.02 Association	Keeler-Wolf et al. 2003b	Neal 1994, Nord 1965, Shifflet 1994,
2914	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>nelsonii</i>				35.200.04 Association	Keeler-Wolf et al. 2003b	Neal 1994, Nord 1965, Shifflet 1994,
2915	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>umbellatum</i>				35.200.05 Association	Keeler-Wolf et al. 2003b	Neal 1994, Nord 1965, Shifflet 1994,
2916	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	Great Basin Grassland		G1 S1.1				
2917	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Achnatherum hymenoides</i> (Indian	Indian rice	G4 S1		41.120.00 Alliance	Thomas et al. 2004	Evens et al. 2006, Griffin and Booth 1992,
2918	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Leptodactylon pungens</i>				41.120.01 Association	Major and Taylor 1977	Paysen et al. 1980, Reid et al. 1999,
2919	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Sphaeralcea ambigua</i>				41.120.02 Association	Keeler-Wolf and Thomas	

2920	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	(Bluebunch wheat grass grassland)	Bluebunch	G4 S2	41.040.00	Alliance	NatureServe 2007a	Daubenmire 1970, Barry 1989a, 1989b,
2921	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Agropyron cristatum</i> (Crested)	Crested		42.030.00	Semi-natural Stai		
2922	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Achnatherum speciosum</i> (Desert)	Desert	G4 S2	41.090.00	Alliance	Thomas et al. 2004	Keeler-Wolf and Thomas 2000, Pavek
2923	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Achnatherum speciosum</i>			41.090.01	Association	Keeler-Wolf and Thomas	Pavek 1993c, Reid et al. 1999, Sawyer
2924	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>Pleuraphis jamesii</i> (James' galleta	James' galleta	G3 S2	41.610.00	Alliance	Thomas et al. 2004	
2925	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>nevadensis</i>			41.610.03	Association	Keeler-Wolf and Thomas	Paysen et al. 1980, Reid et al. 1999,
2926	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>fasciculatum</i>			41.610.01	Association	Keeler-Wolf and Thomas	Paysen et al. 1980, Reid et al. 1999,
2927	3. Xeromorphic	3.B. Cool Semi-	3.B.1. Cool Semi-Desert	3.B.1.a. Western North American	MG098. Inter-Mountain Dry	<i>andersonii</i>			41.610.02	Association	Keeler-Wolf and Thomas	Paysen et al. 1980, Reid et al. 1999,
2928	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG099. Rocky Mountain Alpine	<i>Kobresia myosuroides</i> (Pacific bog	Pacific bog	G5 S1	91.115.00	Alliance	SAMO	
2929	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG099. Rocky Mountain Alpine	<i>alpinum</i>			91.115.01	Association	Cooper and Wolf 2006	Sawyer and Keeler-Wolf 2007
2930	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG099. Rocky Mountain Alpine	<i>Salix petrophila</i> (Alpine willow turf)	Alpine willow	G5 S3	61.116.00	Alliance	Keeler-Wolf and Moore 2001	Potter 2003
2931	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG099. Rocky Mountain Alpine	<i>Salix petrophila</i>			61.116.01	Provisional Assor	Taylor 1984	
2932	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG099. Rocky Mountain Alpine	<i>muiriana</i>			61.116.03	Association	Taylor 1984	Potter 2005, Sawyer and Keeler-Wolf
2933	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG099. Rocky Mountain Alpine	<i>muiriana</i> - <i>Vaccinium caespitosum</i> -			61.116.02	Association	Keeler-Wolf et al. 2003b	Ladyman 2002, Major and Taylor 1977,
2934	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG099. Rocky Mountain Alpine	<i>Salix nivalis</i> (Snow willow mats)	Snow willow	G4 S1?	91.127.00	Provisional Allian	Sawyer and Keeler-Wolf 2007	
2935	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	Klamath Cascade Fell Field		G4 S4				
2936	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	Sierra Nevada Fell Field		G4 S4				
2937	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	Southern California Fell Field		G1 S1.2				
2938	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	White Mountains Fell Field		G2 S2.2				
2939	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	Wet Alpine Talus and Scree Slope		G5 S4				
2940	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	Dry Alpine Talus and Scree Slope		G5 S4				
2941	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	Alpine Dwarf Scrub		G5 S4				
2942	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	Montane Dwarf Scrub		G3 S3.2				
2943	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	Dry Subalpine or Alpine Meadow		G3 S3.2				
2944	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Calamagrostis muiriana</i> (Shorthair	Shorthair reed	G4 S4	45.141.00	Alliance	Ratliff 1982	Ratliff 1985
2945	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Oreostemma alpinum</i>			45.141.02	Association	Sumner 1941	Benedict 1983, Fites-Kaufman et al.
2946	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Ptilagrostis kingii</i>			45.141.03	Association	Benedict 1983	Fites-Kaufman et al. 2007, Ratliff 1985,
2947	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>spicatum</i>			45.141.04	Association	Benedict 1983	Fites-Kaufman et al. 2007, Keeler-Wolf et
2948	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>drummondii</i>			45.141.01	Association	Klikoff 1965	Major and Taylor 1977, Ratliff 1982,
2949	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Carex breweri</i> (Brewer sedge mats)	Brewer sedge	G4 S3	45.150.00	Alliance	Keeler-Wolf et al. 2003b	Klyver 1931
2950	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Carex breweri</i>			45.150.01	Association	Taylor 1984	Keeler-Wolf et al. 2003b, Klyer 1931
2951	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Carex breweri</i> - <i>Cistanthe umbellata</i>			45.150.03	Association	Pemble 1970	Sawyer and Keeler-Wolf 2007
2952	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Carex breweri</i> - <i>Poa wheeleri</i>			45.150.02	Association	Major and Taylor 1977	
2953	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Carex filifolia</i> (Shorthair sedge turf)	Shorthair	G4 S4	45.140.00	Alliance	Keeler-Wolf et al. 2003b	
2954	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Carex filifolia</i>			45.140.06	Association	Major and Taylor 1977	Taylor 1984
2955	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>muiriana</i>			45.140.09	Association	Potter 2005	Ratliff 1979, 1982, 1985
2956	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>monosperma</i>			45.140.10	Association	Burke 1982	Hauser 2006b, Keeler-Wolf et al.
2957	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Carex filifolia</i> - <i>Erigeron algidus</i>			45.140.05	Association	Burke 1982	
2958	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Carex filifolia</i> - <i>Erigeron petiolaris</i>			45.140.11	Association	Burke 1982	Hauser 2006b
2959	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>heterodoxus</i>			45.140.08	Association	Keeler-Wolf et al. 2003b	Klikoff 1965, Major and Taylor 1977,
2960	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Carex filifolia</i> - <i>Saxifraga aprica</i>			45.140.07	Association	Taylor 1984	Ratliff 1979, 1982, 1985, Potter 2005
2961	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Carex filifolia</i> - <i>Trisetum spicatum</i>			45.140.01	Association	Benedict 1983	
2962	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Festuca brachyphylla</i> (Alpine fescue	Alpine fescue	G4? S3?	91.170.00	Alliance	Burke 1982	NatureServe 2007
2963	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>davidsonii</i>			91.170.02	Association	Burke 1982	Sawyer and Keeler-Wolf 2007
2964	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>ovalifolium</i>			91.170.01	Association	Burke 1982	Sawyer and Keeler-Wolf 2007
2965	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Kalmia microphylla</i> (Alpine laurel	Alpine laurel	G4 S3?	45.406.00	Provisional Allian	Cheng 2004	Cooper and Wolf 2006, Potter 2005,
2966	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Vaccinium caespitosum</i> (Dwarf	Dwarf bilberry	G4? S3?	45.405.00	Alliance	Keeler-Wolf et al. 2003b	
2967	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Calamagrostis muiriana</i>			45.405.03	Association	Major and Taylor 1977	cf. Benedict 1983
2968	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>filifolia</i>			45.405.04	Association	Keeler-Wolf et al. 2003b	
2969	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Vaccinium caespitosum</i> - <i>Carex</i>			*45.405.00	Association		
2970	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>microphylla</i>			45.405.02	Association	Potter 2005	
2971	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Carex helleri</i> (Heller's sedge fell-	Heller's sedge	G4 S2	45.145.00	Alliance	Keeler-Wolf et al. 2003b	
2972	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Luzula divaricata</i>			45.145.03	Association	Taylor 1984	Keeler-Wolf et al. 2003b
2973	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Penstemon heterodoxus</i>			45.145.06	Association	cf. Pemble 1970	Rundel et al. 2005, Sawyer and Keeler-
2974	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Raillardella argentea</i>			45.145.05	Association	Taylor 1984	Keeler-Wolf et al. 2003b
2975	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Carex helleri</i> - <i>Poa suksdorfii</i>			45.145.04	Association	cf. Pemble 1970	Rundel et al. 2005, Sawyer and Keeler-
2976	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Carex spectabilis</i> (Showy sedge	Showy sedge	G4 S3	45.155.00	Alliance	Keeler-Wolf and Moore 2001	
2977	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>triangularis</i>			45.155.02	Association	Taylor 1984	Keeler-Wolf et al. 2003b, Sawyer and
2978	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>procumbens</i>			45.155.01	Association	Taylor 1984	Keeler-Wolf et al. 2003b, Sawyer and
2979	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Cassiope mertensiana</i> (White	White	G5 S3?	91.126.00	Provisional Allian	Franklin and Dyrness 1973	Douglas and Bliss 1977, Sawyer and
2980	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Saxifraga nidifica</i> (Pink saxifrage	Pink saxifrage	G4? S3?	91.124.00	Provisional Allian	Klein and Evens 2006	
2981	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Polygonum minimum</i>			91.124.03	Provisional Assor	Taylor 1984	
2982	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>watsonii</i>			91.124.02	Provisional Assor	Taylor 1984	
2983	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Saxifraga tolmiei</i> (Patches of	Patches of	G4 S3?	91.125.00	Provisional Allian	Keeler-Wolf and Moore 2001	
2984	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Calamagrostis purpurascens</i> (Fell-	Fell-fields with	G4? S4?	41.211.00	Alliance	Keeler-Wolf and Moore 2001	
2985	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Ericameria parryi</i> var. <i>monocephala</i> -			41.211.02	Association	Taylor 1984	Tesky 1992b
2986	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Linanthus pungens</i>			41.211.01	Association	Taylor 1984	Tesky 1992b
2987	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>cereum</i>			41.211.03	Association	Major and Taylor 1977	
2988	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Carex congdonii</i> (Congdon's sedge	Congdon's	G2 S2	45.160.00	Provisional Allian	Taylor 1984	Cheng 2004, Keeler-Wolf and Moore
2989	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>congdonii</i>			45.160.01	Provisional Assor	Taylor 1984	
2990	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>algida</i> (Fell-fields with California	Fell-fields with	G3? S3?	38.120.00	Alliance	Keeler-Wolf et al. 2003b	
2991	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>pungens</i>			38.120.02	Association	Major and Taylor 1977	
2992	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>nuttallii</i>			38.120.01	Association	Taylor 1984	Keeler-Wolf et al. 2003b
2993	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Hulsea algida</i>			38.120.04	Association	Sawyer and Keeler-Wolf 2007	
2994	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>discoidea</i> - <i>Phacelia hastata</i>			38.120.05	Association	Pemble 1970	Taylor 1984, Keeler-Wolf et al 2003b

2995	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>richardsonis</i> - <i>Achnatherum</i>			38.120.06	Association	Pemble 1970	
2996	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Oxyria digyna</i> (Mountain sorrel)	Mountain	G4 S3?	91.122.00	Provisional Allian	Taylor 1984	Amen 1966, Caldwell et al 1982, Cheng
2997	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>oligosperma</i>			91.123.03	Association	Taylor 1984	
2998	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Phlox covillei</i> (Coville's phlox fell-ssp. <i>Rupicola</i>)	Coville's phlox	G4 S3	91.123.00	Alliance	Taylor 1984	Cheng 2004
2999	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>dauidsonii</i>			91.123.04	Association	Pemble 1970	Sawyer and Keeler-Wolf 2007
3000	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Ivesia muirii</i>			91.120.36	Association	Taylor 1984	
3001	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Podistera nevadensis</i>			91.120.06	Association	Major and Taylor 1977	
3002	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Podistera nevadensis</i> - <i>Erigeron</i>			91.123.01	Association	Keeler-Wolf et al. 2003b	Taylor 1984
3003	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Phlox covillei</i> - <i>Eriogonum gracilipes</i>			91.123.02	Association	Keeler-Wolf et al. 2003b	
3004	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Phlox covillei</i> - <i>Eriogonum incanum</i>			91.123.09	Association	Taylor and Major 1977	
3005	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Phlox (covillei)</i> - <i>Ivesia shockleyi</i>			91.123.05	Association	Taylor 1984	
3006	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Phlox covillei</i> - <i>Linum lewisii</i>			91.123.07	Association	Taylor 1967a	
3007	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>kingii</i>			91.123.08	Association	Major and Taylor 1977	
3008	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>pygmaeus</i>			91.120.08	Association	Major and Taylor 1977	
3009	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Phlox pulvinata</i> (Cushion phlox fell-eurycarpa)	Cushion phlox	G4 S3	91.123.06	Association	Major and Taylor 1977	Taylor 1984
3010	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>suffruticosa</i> - <i>Ipomopsis congesta</i>			91.150.00	Alliance	Major and Taylor 1977	
3011	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>brachyphylla</i>			91.150.02	Association	Major and Taylor 1977	Sawyer and Keeler-Wolf 2007
3012	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Phlox pulvinata</i> - <i>Ivesia gordonii</i>			91.150.03	Association	Major and Taylor 1977	Sawyer and Keeler-Wolf 2007
3013	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>var. montigenus</i>			91.150.05	Association	Major and Taylor 1977	Sawyer and Keeler-Wolf 2007
3014	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Ruppia cirrhosa, maritima</i> (Ditch-Ruppia cirrhosa - algae)	Ditch-grass or	G4? S2	91.150.06	Association	Major and Taylor 1977	Sawyer and Keeler-Wolf 2007
3015	4. Cryomorphic	4.B. Temperate and	4.B.1. Alpine Scrub, Forb	4.B.1.b. Western North America	MG101. Vancouverian Alpine	<i>Potamogeton spp.</i> (Pondweed mats)	Pondweed	G3G5 S3?	91.150.04	Association	Major and Taylor 1977	Sawyer and Keeler-Wolf 2007
3016	5. Hydromorphic	5.A. Saltwater	5.A.1. Marine and Estuarine	5.A.1.c. Temperate Pacific	MG106. Temperate Pacific	<i>Stuckenia pectinata</i>			91.120.02	Association	Odion et al. 1992a	Mason 1957, Ferren 1989a, Grewell et al.
3017	5. Hydromorphic	5.A. Saltwater	5.A.1. Marine and Estuarine	5.A.1.c. Temperate Pacific	MG106. Temperate Pacific	<i>umbellata</i> (Mats of floating)	Mats of	G4 S3?	52.202.02	Alliance	Parish 1930	Odion et al. 1992a, Thorne 1982
3018	5. Hydromorphic	5.A. Saltwater	5.A.1. Marine and Estuarine	5.A.1.c. Temperate Pacific	MG106. Temperate Pacific	<i>Hydrocotyle ranunculoides</i>			52.107.00	Alliance	Keeler-Wolfand Vaghti 2000	Baye et al. 2000, Holstein 2000, Pickart
3019	5. Hydromorphic	5.A. Saltwater	5.A.1. Marine and Estuarine	5.A.1.c. Temperate Pacific	MG106. Temperate Pacific	<i>Schoenoplectus pungens</i>			52.107.02	Association	Holstein 2000	
3020	5. Hydromorphic	5.A. Saltwater	5.A.1. Marine and Estuarine	5.A.1.c. Temperate Pacific	MG106. Temperate Pacific	<i>howellii, nuttallii, occidentalis</i>	Quillwort beds	G3 S3?	*52.107.01	Association		
3021	5. Hydromorphic	5.B. Freshwater	5.B.1. Freshwater Aquatic	5.B.1.a. North American	MG109. Western North American	<i>Nuphar lutea</i> (Yellow pond-lily mats)	Yellow pond-	G5 S3?	52.117.00	Alliance	Pickart 2006	
3022	5. Hydromorphic	5.B. Freshwater	5.B.1. Freshwater Aquatic	5.B.1.a. North American	MG109. Western North American	<i>Sparganium (angustifolium)</i> (Mats of	Mats of bur-	G4 S3?	52.117.01	Association	Pickart 2006	
3023	5. Hydromorphic	5.B. Freshwater	5.B.1. Freshwater Aquatic	5.B.1.a. North American	MG109. Western North American	<i>Sparganium angustifolium</i>			52.117.02	Provisional Asso	Pickart 2006	
3024	5. Hydromorphic	5.B. Freshwater	5.B.1. Freshwater Aquatic	5.B.1.a. North American	MG109. Western North American	(Mosquito fern mats) Provisional	Mosquito fern	G4 S4	52.109.00	Provisional Allian	Mason 1957	Taylor et al. 1993
3025	5. Hydromorphic	5.B. Freshwater	5.B.1. Freshwater Aquatic	5.B.1.a. North American	MG109. Western North American	(Duckweed blooms) Provisional	Duckweed	G5 S4?	52.110.00	Provisional Allian	Mason 1957	Wennerberg 2004
3026	5. Hydromorphic	5.B. Freshwater	5.B.1. Freshwater Aquatic	5.B.1.a. North American	MG109. Western North American	(Water primrose wetlands)	Water		52.010.00	Alliance	Keeler-Wolf et al. 2003b	Cheatham and Haller 1975, Anderson
3027	5. Hydromorphic	5.B. Freshwater	5.B.1. Freshwater Aquatic	5.B.1.a. North American	MG109. Western North American	<i>Sedum spathulifolium</i> (Coast Range	Coast Range	G4? S4?	52.010.01	Association	Mason 1957	Keeler-Wolf et al. 2003b
3028	5. Hydromorphic	5.B. Freshwater	5.B.1. Freshwater Aquatic	5.B.1.a. North American	MG109. Western North American	<i>Selaginella bigelovii</i> (Bushy	Bushy	G4 S3	52.106.00	Provisional Allian	Mason 1957	Clark 1980, Hickson and Keeler-Wolf
3029	5. Hydromorphic	5.B. Freshwater	5.B.1. Freshwater Aquatic	5.B.1.a. North American	MG109. Western North American	<i>fasciculatum</i>			52.105.00	Provisional Allian	Mason 1957	Armstrong 1982, Armstrong and Thorne
3030	5. Hydromorphic	5.B. Freshwater	5.B.1. Freshwater Aquatic	5.B.1.a. North American	MG109. Western North American	Alpine Glacier			52.118.00	Provisional Semi-	Sears et al. 2005	Sears et al. 2006, Hickson and Keeler-
3031	6. Lithomorphic	6.B. Mediterranean,	6.B.1. Mediterranean Cliff,	6.B.1.a. North American	MG110. California Cliff, Scree, and	Alpine Snowbank Margin			43.400.00	Provisional Allian	NatureServe 2007b	
3032	6. Lithomorphic	6.B. Mediterranean,	6.B.1. Mediterranean Cliff,	6.B.1.a. North American	MG110. California Cliff, Scree, and	Alpine Snowfield			42.062.00	Alliance	Evens and San 2005	NatureServe 2007a
3033	6. Lithomorphic	6.B. Mediterranean,	6.B.1. Mediterranean Cliff,	6.B.1.a. North American	MG110. California Cliff, Scree, and	Alkali Playa Community			42.062.01	Association	Evens and San 2005	Keeler-Wolf and Evens 2006,
3034	6. Lithomorphic	6.B. Mediterranean,	6.B.1. Mediterranean Cliff,	6.B.2.b. Western North American	MG114. Vancouverian Cliff, Scree	Active Desert Dunes						
3035	6. Lithomorphic	6.B. Mediterranean,	6.B.1. Mediterranean Cliff,	6.B.2.b. Western North American	MG114. Vancouverian Cliff, Scree	Stabilized and Partially Stabilized			G5 S2.3			
3036	6. Lithomorphic	6.B. Mediterranean,	6.B.1. Mediterranean Cliff,	6.C.1.a. North American Warm	MG117. North American Warm	Stabilized and Partially Stabilized			G5 S4			
3037	6. Lithomorphic	6.C. Semi-Desert	6.C.1. Warm Semi-Desert	6.C.1.a. North American Warm	MG117. North American Warm	(Desert dunes) Alliance	Desert dunes	G3 S2	G4 S3.2			
3038	6. Lithomorphic	6.C. Semi-Desert	6.C.1. Warm Semi-Desert	6.C.1.a. North American Warm	MG117. North American Warm	<i>Dicoria canescens</i>			G4 S2.2			
3039	6. Lithomorphic	6.C. Semi-Desert	6.C.1. Warm Semi-Desert	6.C.1.a. North American Warm	MG117. North American Warm	<i>Panicum urvilleanum</i> (Desert panic	Desert panic	G3 S1	G4 S3.2			
3040	6. Lithomorphic	6.C. Semi-Desert	6.C.1. Warm Semi-Desert	6.C.1.a. North American Warm	MG117. North American Warm	<i>Panicum urvilleanum</i>			G4 S3.2			
3041	6. Lithomorphic	6.C. Semi-Desert	6.C.1. Warm Semi-Desert	6.C.1.a. North American Warm	MG117. North American Warm	<i>Swallenia alexandrae</i> (Patches of	Patches of	G1 S1		22.100.00	Alliance	Henry 1979
3042	6. Lithomorphic	6.C. Semi-Desert	6.C.1. Warm Semi-Desert	6.C.1.a. North American Warm	MG117. North American Warm	<i>Atriplex hymenelytra</i> (Desert holly	Desert holly	G5 S4	22.100.01	Association	Henry 1979	Thomas et al. 2004, Keeler-Wolf 2007
3043	6. Lithomorphic	6.C. Semi-Desert	6.C.1. Warm Semi-Desert	6.C.1.a. North American Warm	MG117. North American Warm	<i>Atriplex hymenelytra</i>			42.095.01	Association	Thomas et al. 2004	cf. Pavlik 1980, Paysen et al. 1980,
3044	6. Lithomorphic	6.C. Semi-Desert	6.C.1. Warm Semi-Desert	6.C.1.a. North American Warm	MG117. North American Warm	<i>dumosa</i>			41.600.00	Special Stands	Thomas et al. 2004	Henry 1979, Paysen et al. 1980
3045	6. Lithomorphic	6.C. Semi-Desert	6.C.1. Warm Semi-Desert	6.C.1.a. North American Warm	MG117. North American Warm	<i>farinosa</i>			36.330.00	Alliance	Thomas et al. 2004	Thomas et al. 2004, Vasek and Barbour
3046	6. Lithomorphic	6.C. Semi-Desert	6.C.1. Warm Semi-Desert	6.C.1.a. North American Warm	MG117. North American Warm	<i>tridentata</i> - <i>Ambrosia dumosa</i>			36.330.01	Association	Annable 1985	Keeler-Wolf and Thomas 2000, Pavlik
3047	6. Lithomorphic	6.C. Semi-Desert	6.C.1. Warm Semi-Desert	6.C.1.a. North American Warm	MG117. North American Warm	<i>oblongifolia</i>			36.330.02	Association	Keeler-Wolf and Thomas	Keeler-Wolf and Thomas 2000,
3048	6. Lithomorphic	6.C. Semi-Desert	6.C.1. Warm Semi-Desert	6.C.1.a. North American Warm	MG117. North American Warm	<i>Atriplex hymenelytra / rock</i>			36.330.03	Association	Keeler-Wolf and Thomas	Evens and Hartman 2007, Hunt 1966,
3049	6. Lithomorphic	6.C. Semi-Desert	6.C.1. Warm Semi-Desert	6.C.1.a. North American Warm	MG117. North American Warm	<i>Ephedra funerea</i> (Death Valley joint	Death Valley	G3? S2?	36.330.04	Association	Keeler-Wolf and Thomas	MacMahon 1988, Paysen et al. 1980,
3050	6. Lithomorphic	6.C. Semi-Desert	6.C.1. Warm Semi-Desert	6.C.1.a. North American Warm	MG117. North American Warm				36.330.05	Association	Keeler-Wolf and Thomas	MacMahon 1988, Paysen et al. 1980,
3051	6. Lithomorphic	6.C. Semi-Desert	6.C.1. Warm Semi-Desert	6.C.1.a. North American Warm	MG117. North American Warm				33.275.00	Provisional Allian	Thomas et al. 2004	MacMahon 1988, Paysen et al. 1980,
3052	6. Lithomorphic	6.C. Semi-Desert	6.C.1. Warm Semi-Desert	6.C.1.a. North American Warm	MG117. North American Warm							Beatley 1976, Root 1978
3053	6. Lithomorphic	6.C. Semi-Desert	6.C.1. Warm Semi-Desert	6.C.1.a. North American Warm	MG117. North American Warm							