

# Changes in California Communities

As new areas of the state come under study, and as regional classification efforts combine and analyze surveys from multiple projects, community concepts and community names change. Some changes to the California communities happen to keep in sync with changes at the National (NVC) level. Changes also can happen because of plant nomenclature. The following sections show changes that have happened to the Alliance and Association levels of California's Natural Communities.



## Lineage Tracking

This section shows changes in communities resulting from lumps (where an alliance or association is subsumed into another existing one), merges (where two communities are combined into a new one), and splits of previous concepts

from  to

Previous Scientific Name	Old CaCode	New Scientific Name	New CaCode	Lineage Type
Alnus rhombifolia / Carex spp. Association	61.420.23	Alnus rhombifolia / Carex (nudata) Association	61.420.24	Merged
Alnus rubra / Rubus spp. Association	61.410.09	Alnus rubra / Rubus spectabilis – Sambucus racemosa Association	61.410.06	Split
Argentina egedii Alliance	38.140.00	Carex obnupta – Oenante sarmentosa – Scirpus microcarpus Alliance	45.189.00	Split
Argentina egedii Alliance	38.140.00	Deschampsia cespitosa – Festuca rubra Brackish Salt Marsh Alliance	41.205.00	Split
Calamagrostis canadensis – Carex utriculata Association	41.224.02	Calamagrostis canadensis – (Carex utriculata) Association	41.224.05	Merged
Calamagrostis canadensis – Dodecatheon redolens Association	41.224.03	Calamagrostis canadensis – (Carex utriculata) Association	41.224.05	Merged
Calamagrostis canadensis Association	41.224.01	Calamagrostis canadensis – (Carex utriculata) Association	41.224.05	Merged
Carex (pansa, praegracilis) Alliance	45.184.00	Juncus (effusus, patens) – Carex (pansa, praegracilis) Alliance	45.570.00	Merged
Carex obnupta Alliance	45.183.00	Carex obnupta – Oenante sarmentosa – Scirpus microcarpus Alliance	45.189.00	Merged
Carex serratodens Alliance	45.180.00	Juncus (effusus, patens) – Carex (pansa, praegracilis) Alliance	45.570.00	Merged
Elymus glaucus [inactive] Alliance	41.640.00	Elymus glaucus Montane Alliance	41.630.00	Split

Previous Scientific Name	Old CaCode	New Scientific Name	New CaCode	Lineage Type
Festuca idahoensis – Achillea millefolium Association	41.250.03	Festuca idahoensis – (Danthonia californica – Koeleria macrantha) Association	41.251.05	Merged
Festuca idahoensis – Bromus carinatus Association	41.250.01	Festuca idahoensis – (Danthonia californica – Koeleria macrantha) Association	41.251.05	Merged
Festuca idahoensis – Danthonia californica – Koeleria macrantha Association	41.250.05	Festuca idahoensis – (Danthonia californica – Koeleria macrantha) Association	41.251.05	Merged
Grindelia (camporum, stricta) [inactivated] Alliance	52.206.00	Bidens cernua – Euthamia occidentalis – Ludwigia palustris Alliance	42.205.00	Split
Grindelia (camporum, stricta) Alliance	52.206.00	Grindelia (stricta) Alliance	52.216.00	Split
Hordeum brachyantherum Association	42.052.01	Hordeum brachyantherum Lowland Association	42.052.05	Split
Juncus effusus Alliance	45.561.00	Juncus (effusus, patens) – Carex (pansa, praegracilis) Alliance	45.570.00	Merged
Juncus lescurii Alliance	45.569.00	Distichlis spicata Alliance	41.200.00	Split
Juncus lescurii Alliance	45.569.00	Carex obnupta – Oenanthe sarmentosa – Scirpus microcarpus Alliance	45.189.00	Split
Juncus nevadensis – Carex leporinella Association	45.567.02	Juncus nevadensis Association	45.567.01	Lumped
Juncus patens Alliance	45.564.00	Juncus (effusus, patens) – Carex (pansa, praegracilis) Alliance	45.570.00	Merged
Nassella pulchra – Plantago lanceolata Association	41.151.05	Nassella pulchra – Avena spp. – Bromus spp. Association	41.150.05	Split
Nassella pulchra – Plantago lanceolata Association	41.151.05	Nassella pulchra – Lolium perenne – (Trifolium spp.) Association	41.150.01	Split
Nassella pulchra – Plantago lanceolata Association	41.151.05	Nassella pulchra Association	41.150.04	Split
Oenanthe sarmentosa Alliance	52.119.00	Carex obnupta – Oenanthe sarmentosa – Scirpus microcarpus Alliance	45.189.00	Merged
Pinus muricata – Notholithocarpus densiflorus Association	87.070.12	Pinus muricata – (Arbutus menziesii – Notholithocarpus densiflorus) / Vaccinium ovatum Association	87.070.01	Lumped

Previous Scientific Name	Old CaCode	New Scientific Name	New CaCode	Lineage Type
Prunus ilicifolia ssp. ilicifolia – Toxicodendron diversilobum / grass Association	37.910.07	Prunus ilicifolia ssp. ilicifolia – Heteromeles arbutifolia Association	37.910.02	Lumped
Quercus douglasii – Aesculus californica / Asclepias fascicularis Association	71.020.44	Quercus douglasii – Aesculus californica / grass Association	71.020.24	Lumped
Quercus douglasii – Juniperus californica / Ceanothus cuneatus Association	71.020.23	71.020.48 Association	71.020.48	Merged
Quercus douglasii – Juniperus californica / Cercocarpus montanus Association	71.020.42	Quercus douglasii – Juniperus californica / Ceanothus cuneatus – Cercocarpus montanus Association	71.020.48	Merged
Quercus douglasii – Pinus sabiniana / Cercocarpus montanus Association	71.020.25			
Quercus douglasii – Pinus sabiniana / Cercocarpus montanus Association	71.020.25	Quercus douglasii – Pinus sabiniana / Ceanothus cuneatus – Cercocarpus montanus Association	71.020.03	Lumped
Quercus douglasii – Pinus sabiniana / Cercocarpus montanus Association	71.020.25	Quercus douglasii – Pinus sabiniana / Ceanothus cuneatus – Cercocarpus montanus	1/7/2022	Lumped
Quercus douglasii – Quercus lobata Association	71.020.11	Quercus lobata – Quercus douglasii Association	71.040.18	Lumped
Quercus douglasii / Cercocarpus montanus / Bowlesia incana – Lithophragma affine Association	71.020.14	Quercus douglasii – Pinus sabiniana / Ceanothus cuneatus – Cercocarpus montanus Association	71.020.03	Lumped
Rosa californica / Schoenoplectus spp. Association	63.907.03	Schoenoplectus californicus – Schoenoplectus acutus / Rosa californica Association	52.114.06	Lumped
Salix hookeriana Alliance	61.203.00	Salix hookeriana – Salix sitchensis – Spiraea douglasii Alliance	61.217.00	Merged
Salix lucida / Poa pratensis Association	61.204.02	Salix lucida / Mesic graminoid Association	61.218.01	Lumped
Salix lucida ssp. lasiandra / Equisetum arvense Association	61.204.05	Salix lucida / Mesic forb Association	61.218.02	Lumped
Salix lucida ssp. lasiandra / Trifolium longipes Association	61.204.06	Salix lucida / Mesic forb Association	61.218.02	Lumped
Salvia apiana – Encelia farinosa Association	32.030.02	Salvia apiana Association	32.030.04	Split
Salvia apiana – Encelia farinosa Association	32.030.02	Encelia farinosa Association	33.030.01	Split

Previous Scientific Name	Old CaCode	New Scientific Name	New CaCode	Lineage Type
Sarcocornia pacifica – Bolboschoenus maritimus Association	52.215.07	Bolboschoenus maritimus – Sarcocornia pacifica Association	52.112.04	Lumped



# Name Update Report

This section shows changes in community names

from Thursday, August 19, 2021

to Tuesday, July 5, 2022

CaCode	ObsoleteName	CurrentName	ClassifLevel
42.005.05	(Trifolium variegatum – Vulpia bromoides) – Hypochaeris glabra – Leontodon taraxacoides	(Trifolium variegatum – Vulpia bromoides) – Hypochaeris glabra – Leontodon saxatilis	Association
61.420.24	Alnus rhombifolia / Carex nudata	Alnus rhombifolia / Carex (nudata)	Association
61.410.05	Alnus rubra / Salix lasiolepis / Rubus spp.	Alnus rubra / Salix lasiolepis – Rubus spp.	Association
32.120.01	Artemisia californica – Salvia mellifera	Artemisia californica – Salvia mellifera	Association
52.118.00	Eichhornia crassipes – Ludwigia (hexapetala, peploides)	Ludwigia (hexapetala, peploides) – Eichhornia crassipes	Semi-Natural Alliance
81.450.01	Hesperocyparis abramsiana / Arctostaphylos (crustacea, silvicola)	Hesperocyparis abramsiana / Arctostaphylos spp. – Adenostoma fasciculatum	Association
45.567.03	Juncus nevadensis – Eleocharis quinqueflora	Juncus nevadensis – (Carex simulata)	Association
45.570.03	Juncus patens – Juncus occidentalis	Juncus occidentalis – Juncus patens	Association
41.276.04	Muhlenbergia filiformis – Penstemon rydbergii	Penstemon rydbergii – (Muhlenbergia filiformis)	Association
87.070.01	Pinus muricata – (Arbutus menziesii) / Vaccinium ovatum	Pinus muricata – (Arbutus menziesii – Notholithocarpus densiflorus) / Vaccinium ovatum	Association
87.130.10	Pinus sabiniana / Ceanothus cuneatus – Rhamnus ilicifolia	Pinus sabiniana / Ceanothus cuneatus – (Rhamnus ilicifolia)	Association
71.020.02	Quercus douglasii – Pinus sabiniana	Quercus douglasii – Pinus sabiniana / Grass	Association
71.020.43	Quercus douglasii / Achnatherum lemmonii	Quercus douglasii / (Achnatherum lemmonii – Nassella pulchra)	Association
71.020.27	Quercus douglasii / Amsinckia menziesii var. intermedia – Plagiobothrys nothofulvus	Quercus douglasii / Amsinckia (intermedia, menziesii) – Plagiobothrys nothofulvus	Association
71.020.38	Quercus douglasii / Hordeum murinum ssp. leporinum – Viola pedunculata	Quercus douglasii / Hordeum murinum ssp. leporinum – Viola pedunculata	Association
37.411.06	Quercus garryana – Cercocarpus montanus	Quercus garryana – Cercocarpus montanus	Association
37.411.03	Quercus garryana shrub Provisional	Quercus garryana shrub	Association
61.201.02	Salix lasiolepis – Artemisia douglasiana	Salix lasiolepis / Artemisia douglasiana	Association



# Parent Change Report

This section shows the re-assignments of associations to new or different alliances

from  to

Assn. CaCode	ScientificName	OldAlliance	CurrentAllianceName	Alliance CaCode
32.120.01	Artemisia californica – Salvia mellifera	Artemisia californica – Salvia mellifera	Artemisia californica – Salvia mellifera	32.120.00
52.206.01	Grindelia camporum	Grindelia (camporum, stricta) [inactive]	Bidens cernua – Euthamia occidentalis – Ludwigia palustris	42.205.00
38.140.01	Argentina egedii	Argentina egedii [inactive]	Carex obnupta – Oenanthe sarmentosa – Scirpus microcarpus	45.189.00
38.140.02	Argentina egedii – Alopecurus aequalis	Argentina egedii [inactive]	Carex obnupta – Oenanthe sarmentosa – Scirpus microcarpus	45.189.00
38.140.03	Argentina egedii – Eleocharis macrostachya	Argentina egedii [inactive]	Carex obnupta – Oenanthe sarmentosa – Scirpus microcarpus	45.189.00
38.140.04	Argentina egedii – Lotus uliginosus	Argentina egedii [inactive]	Carex obnupta – Oenanthe sarmentosa – Scirpus microcarpus	45.189.00
45.183.01	Carex obnupta	Carex obnupta [inactive]	Carex obnupta – Oenanthe sarmentosa – Scirpus microcarpus	45.189.00
45.183.02	Carex obnupta – Juncus lescurii	Carex obnupta [inactive]	Carex obnupta – Oenanthe sarmentosa – Scirpus microcarpus	45.189.00
45.183.03	Carex obnupta – Juncus patens	Carex obnupta [inactive]	Carex obnupta – Oenanthe sarmentosa – Scirpus microcarpus	45.189.00
45.569.01	Juncus lescurii	Juncus lescurii [inactive]	Carex obnupta – Oenanthe sarmentosa – Scirpus microcarpus	45.189.00
52.119.01	Oenanthe sarmentosa	Oenanthe sarmentosa [inactive]	Carex obnupta – Oenanthe sarmentosa – Scirpus microcarpus	45.189.00
52.113.05	Scirpus microcarpus Pacific Coast	Scirpus microcarpus	Carex obnupta – Oenanthe sarmentosa – Scirpus microcarpus	45.189.00
45.175.01	Carex integra	Carex integra	Danthonia californica – Deschampsia cespitosa – Camassia quamash	41.281.00

Assn. CaCode	ScientificName	OldAlliance	CurrentAllianceName	Alliance CaCode
45.175.02	Carex integra – Poa cusickii	Carex integra	Danthonia californica – Deschampsia cespitosa – Camassia quamash	41.281.00
38.140.05	Festuca rubra – (Argentina egedii)	Argentina egedii [inactive]	Deschampsia cespitosa – Festuca rubra Brackish Salt Marsh	41.205.00
45.569.02	Juncus (lescurii) – Distichlis spicata	Juncus lescurii [inactive]	Distichlis spicata	41.200.00
52.206.02	Grindelia stricta	Grindelia (camporum, stricta) [inactivate]	Grindelia (stricta)	52.216.00
81.450.02	Hesperocyparis goveniana	Hesperocyparis goveniana [inactive]	Hesperocyparis (pigmaea, abramsiana, macrocarpa, goveniana)	81.450.00
81.604.02	Hesperocyparis macrocarpa	Hesperocyparis macrocarpa [inactive]	Hesperocyparis (pigmaea, abramsiana, macrocarpa, goveniana)	81.450.00
81.400.05	Hesperocyparis pigmaea	Hesperocyparis pigmaea [inactive]	Hesperocyparis (pigmaea, abramsiana, macrocarpa, goveniana)	81.450.00
81.400.06	Hesperocyparis pigmaea – Pinus contorta ssp. bolanderi – Pinus muricata / Rhododendron macrophyllum	Hesperocyparis pigmaea [inactive]	Hesperocyparis (pigmaea, abramsiana, macrocarpa, goveniana)	81.450.00
81.400.07	Hesperocyparis pigmaea – Pinus contorta ssp. bolanderi / Rhododendron columbianum	Hesperocyparis pigmaea [inactive]	Hesperocyparis (pigmaea, abramsiana, macrocarpa, goveniana)	81.450.00
81.400.08	Hesperocyparis pigmaea – Pinus muricata / Arctostaphylos nummularia	Hesperocyparis pigmaea [inactive]	Hesperocyparis (pigmaea, abramsiana, macrocarpa, goveniana)	81.450.00
81.400.02	Hesperocyparis pigmaea / Cladina impexa	Hesperocyparis pigmaea [inactive]	Hesperocyparis (pigmaea, abramsiana, macrocarpa, goveniana)	81.450.00
81.400.01	Hesperocyparis pigmaea / Cladonia bellidiflora	Hesperocyparis pigmaea [inactive]	Hesperocyparis (pigmaea, abramsiana, macrocarpa, goveniana)	81.450.00
81.400.03	Hesperocyparis pigmaea / Ramalina thrausta	Hesperocyparis pigmaea [inactive]	Hesperocyparis (pigmaea, abramsiana, macrocarpa, goveniana)	81.450.00
81.400.04	Hesperocyparis pigmaea / Usnea subfloridana	Hesperocyparis pigmaea [inactive]	Hesperocyparis (pigmaea, abramsiana, macrocarpa, goveniana)	81.450.00

Assn. CaCode	ScientificName	OldAlliance	CurrentAllianceName	Alliance CaCode
45.165.01	Carex densa	Carex densa [inactive]	Juncus (effusus, patens) – Carex (pansa, praegracilis)	45.570.00
45.561.01	Juncus effusus	Juncus effusus [inactive]	Juncus (effusus, patens) – Carex (pansa, praegracilis)	45.570.00
45.567.01	Juncus nevadensis	Juncus nevadensis	Juncus nevadensis	45.567.00
45.567.03	Juncus nevadensis – (Carex simulata)	Juncus nevadensis	Juncus nevadensis	45.567.00
45.567.02	Juncus nevadensis – Carex leporinella	Juncus nevadensis	Juncus nevadensis	45.567.00
44.111.04	Mimulus lewisii	Mimulus (guttatus)	Mimulus (guttatus)	44.111.00
87.180.07	Pinus albicaulis – Tsuga mertensiana	Pinus albicaulis	Pinus albicaulis	87.180.00
82.500.43	Pseudotsuga menziesii – Notholithocarpus densiflorus / Cornus nuttallii	Pseudotsuga menziesii – Notholithocarpus densiflorus	Pinus ponderosa – Calocedrus decurrens – Pseudotsuga menziesii	87.005.00
82.500.21	Pseudotsuga menziesii – Notholithocarpus densiflorus / Corylus cornuta	Pseudotsuga menziesii – Notholithocarpus densiflorus	Pinus ponderosa – Calocedrus decurrens – Pseudotsuga menziesii	87.005.00
61.203.01	Salix hookeriana	Salix hookeriana [inactive]	Salix hookeriana – Salix sitchensis – Spiraea douglasii	61.217.00
61.203.02	Salix hookeriana / Rubus ursinus	Salix hookeriana [inactive]	Salix hookeriana – Salix sitchensis – Spiraea douglasii	61.217.00
61.206.01	Salix sitchensis	Salix sitchensis [inactive]	Salix hookeriana – Salix sitchensis – Spiraea douglasii	61.217.00
52.500.01	Frankenia salina – Limonium californicum – Monanthochloe littoralis – Sarcocornia pacifica	Frankenia salina	Sarcocornia pacifica (Salicornia depressa)	52.215.00