

Northern California

Redwood Coast & The Cascades

A Greentours Tour Report

1st to 15th May 2016

Led by Paul Cardy

Trip Report and Systematic Lists written by Paul Cardy

Day 1 Sunday 1st May

Arrival and Journey to Point Reyes

I arrived at San Francisco Airport a little before the group, with just enough time to get many practicalities sorted, take the train to the hire car offices, collect the car, and find somewhere to park near the terminal. I got back to the terminal just as the group were arriving. After stocking up on water, and buying a telephone and SIM, we loaded the spacious vehicle, and set out for the freeway.

We drove through the busy streets of San Francisco, and across the impressive iconic Golden Gate Bridge. Before long we were in the much more tranquil surroundings of Marin County, taking the scenic route along coastal Highway 1. Being Sunday, and unusually warm for the season, many people were visiting the fine beaches today and the road was busy. Consequently, although we were driving past flower covered roadsides, it was simply not possible to stop today. *Mimulus aurantiacus* was a feature and there were various paint-brushes and lupins visible from the car. At Bolinas Lagoon were many Harbour Seals on the sandy flats, and Red-winged Blackbirds were much in evidence.

Arriving at the lovely Point Reyes Seashore Lodge early evening we settled into our attractive rooms. The trees and shrubs in the gardens supported a variety of birds. Anna's Hummingbirds and Rufous Hummingbirds nectared on the bottlebrush flowers, Song Sparrow sang continuously, and Band-tailed Pigeons sat in the trees. Several Mule Deer were seen in the fields behind the garden, including a white individual. I took an early walk and saw much of interest. Fine large spreading *Quercus agrifolia* were a feature, there was a fine selection of grasses and sedges in the meadow, and *Phacelia malvifolia* and *Lupinus polyphyllus* were in bloom. In the woodland I watched Bushtits moving through the trees.

We ate an early dinner in the restaurant next door and then retired to bed for a welcome sleep.

Day 2 Monday 2nd May

Point Reyes National Seashore

The day began in the beautiful garden of the Point Reyes Seashore Lodge. At Limantour Beach we parked and walked slowly down to the shore. White-crowned Sparrows were active around the car park, and very confiding. Song Sparrows again lived up to their name and sang prettily from

the tops of bushes. California Blue-eyed Grass was common. The bird's-foot trefoils *Acmispon micranthus*, *Acmispon junceus biolettii*, and *Acmispon glaber* were all identified. Damp flushes supported *Triphrysaria eriantha*, *Ranunculus californicus* was common, and Foxgloves were a surprising feature. I pointed out Poison Oak as something to beware of. Brown Pelicans flew along the shore, where Sanderlings were numerous.

A short woodland walk had much bird activity, a large mixed flock comprising Hutton's Vireo, Steller's Jay, Chestnut-backed Chickadee, Bushtit, American Robin, Yellow Warbler, Wilson's Warbler, and Black-headed Grosbeak. Western Grey Squirrels scampered through the trees. We admired the impressive fruits of *Marah fabaceus*, and stately Cow Parsnip.

Back at the visitor centre were interesting displays, and a good selection of books was available, and as usual I added many kilos to my luggage! Next we stopped at a local store and deli where we chose our lunch sandwiches from an extensive selection, and I stocked up on general picnic supplies.

Tomales Bay State Park was a fine place to enjoy lunch, with picnic tables under the trees, and this tranquil place all to ourselves today. The aeschnids flying here were probably California Darners.

I was very pleased to find one stretch of road where the ditches were turned bright yellow by the flowers of the very local and endangered endemic *Limnanthes douglasii* ssp. *sulphurea*, and this beautiful plant was much photographed.

Next we visited Chimney Rock where the headland supported another fine flora. The wonderfully named *Trifolium wormskjoldii* was here along with *Cirsium quercetorum*, *Sidalcea malvaeflora*, *Castilleja wightii*, *Castilleja affinis*, *Sisyrinchium bellum*, *Angelica hendersonii* and *Stachys rigida* all in flower. We reached the breeding colony of very many Northern Elephant Seals, lounging on a sheltered beach. We watched them from a viewpoint for some time, listening to the strange noises they made. On the sea were Pacific Loon, Surf Scoter, and Pigeon Guillemot. A surprise was a Gray Fox that suddenly appeared closely in front of us, running across the slopes.

Nearby we stopped to admire a bank with much *Lasthenia californica* and *Layia platyglossa*, and very attractive *Triphrysaria eriantha rosea*.

We then headed purposefully towards the lighthouse where a rocky outcrop held many great plants, among them *Erigeron glaucus*, *Dudleya farinosa*, *Wyethia angustifolia*, *Agoseris apargioides* and *Castilleja exserta latifolia*. Walking towards the lighthouse itself we saw *Gaultheria shallon*, *Fragaria chiloensis*, *Cardionema ramosissimum*, and *Phacelia californica*. Leather Fern grew on the rocks, and Baby Blue Eyes, *Calandrinia ciliata*, and Cream Cups were all in attractive flower. On rocky islets were Common Murres.

Driving away from here we had another carnivore encounter, this time a Coyote, again very close, with his eye on a young Mule Deer.

Back at the lodge I learnt that the restaurant next door closed at the ridiculously early hour of seven o'clock (!), even though the hotel was busy with guests, so this evening I had to drive us into town where we ate in an ok Italian place.

Day 3 Tuesday 3rd May

Point Reyes National Seashore

The morning started cloudy, but cleared by lunchtime to give blue skies and sunshine. At a deli we bought our sandwiches and had a look at the salt marshes bordering Tomales Bay where the *Plantago maritima* was impressively large, and a group of some ten Marbled Godwits was at the waters' edge.

Roadsides had *Phacelia insularis continentis* and naturalised *Raphanus*, pastel yellow, white, or pink, coloured vast areas. California Quail perched on fence posts. Fine views were had of some thirty Tule Elk, re-introduced in the seventies, and thriving here. They were especially atmospheric in the mist.

We were interested that the only other vehicle in the McClure's Beach car park was a British racing green Triumph TR4A, a beautiful little car! Walking down to the shore amid the myriad Wild Radish of various colours we saw both Stinging and Common Phacelia, the former another plant to beware of. The diminutive *Isolepis cernua* grew at the trackside. Song Sparrows sang continually. On the shore were three Black Oystercatchers, and on the water many Surf Scoters.

Next we walked to Kehoe Beach. Brush Rabbits scuttled away and American Goldfinches perched on tall vegetation. Fine Coast Sun Cup was in flower and there were very many California Figworts. *Tetragonia tetragonioides* was naturalised here. Next was Abbott's Lagoon where a walk yielded *Castilleja densiflora* and the rare endemic Point Reyes Checkerbloom. Red-winged Blackbirds were much in evidence. *Dentaria californica* was in bloom, and I was very pleased to find two of the yellow flowered *Sisyrinchium californicum*, the only ones we saw.

Lunch was again eaten in the state park where a flock of eighteen White Pelicans in the air was a bonus. Chain Fern, the largest regional fern, grew at the forest edge.

In the afternoon we explored Mount Vision Road where we walked amid Bishop Pines. It was beautifully warm now but surprisingly the only butterfly on the wing was California Ringlet. Here we approached Brush Rabbit very closely, Western Fence Lizards basked, and California Towhee sang from the scrub. A highlight was a superb Botta's Pocket Gopher nibbling from its burrow, watched and photographed for ages, a very special thing. We stood very closely, it totally unperturbed, periodically rising up out of the burrow and biting off another lump of vegetation to chew. Naturalised *Romulea rosea* var. *australis* was in flower and also here were Pink Lotus, *Logfia gallica*, and *Aphanes arvensis*. I had quite a job convincing the group that there was indeed a bird called Hairy Woodpecker!

We had a short last walk at Olema Marsh where was a fine show of Sky Lupines among the Californian Poppies, with two white of the latter. Common Yellowthroat was seen well. Tonight we ate in the restaurant next door, although it had to be early!

Day 4 Wednesday 4th May

Journey to Covelo, Mendocino County

We said our farewells to the Point Reyes Seashore Lodge, and the humming-birds, and set off on the journey north. A fine tiger moth was seen before we left. We bought sandwiches from the deli next door to obviate a stop later in the day. Initially our drive took us along the very scenic coast through Marin and Sonoma Counties, reaching Mendocino County late morning. Initially the

roadside flora comprised predominantly weeds, from all over the world. A short stop along the wilder rocky coast yielded an interesting flora, including *Erigeron glaucus*, *Armeria maritima californica*, and a species of *Eriogonum* in leaf.

At the mouth of the Russian River were many Harbour Seals lounging on the sand, and Pelagic Cormorants on the rocky islets. At a fuel stop was the usual *Brodiaea terrestris* and *Eryngium armatum*, and naturalised *Leptospermum laevigatum*. The antiquated petrol pumps here were quite a challenge to use!

One of the several State Parks along the coast produced many *Lilium maritimum* in superb flower, an early highlight. We admired the lovely bark of *Arbutus menziesii*, and the flowers of *Rhododendron columbianum*. Also here were the yellow flowered *Viola glabella* and the beautiful *Lotus formosissimus*. There were a good number of *Toxicoscordion fremontii* in flower this year. Next were superb *Clintonia andrewsiana*, first on a roadside where it was impossible to stop but then a side track took us into redwood forest where there were several more accessible fine examples of this special plant. Here too were *Vancouveria hexandra*, *Tiarella unifoliata*, Deer Fern, and the inaccurately named *Rubus parviflorus*.

Our journey took us as far north as Fort Bragg where at lunch time we stopped at the Mendocino Coast Botanic Garden. Now raining, we had a quick visit seeing as much as we could of these interesting gardens. Apparently this is cited as the most important visitor attraction in the county, but I prefer the much better displays of flowers in the wilds of Mendocino!

Now in extensive redwood forest a side track yielded *Oxalis oregana* and *Trientalis latifolia* flowering on the forest floor. *Smilacina racemosa*, *Tellima grandiflora*, *Heuchera micrantha*, *Osmorhiza berteroi*, *Disporum hookeri*, and beautiful *Rosa gymnocarpa* characterised the forest edge flora. Among the ferns were Chain Fern, *Polypodium glycirrhiza*, and *Adiantum pedatum*.

Near Willits a superb wet meadow blue with abundant *Camassia leichtlinii suksdorfii* was a highlight for most. This was a fine place, much enjoyed by all. Tiger Swallowtail was on the wing.

Back on the road we turned onto Highway 162 that leads to Covelo, where we were greeted by a fine floral display. *Calochortus amabilis* was flowering in huge numbers, a stunning show. We stopped to photograph these and found many other fine flowers in the *Quercus kelloggii* woodland. *Dichelostemma congestum* and *Triteleia laxa* were admired, and *Ranunculus oxyrhynchos*, *Trifolium fucatum*, and *Madia madioides* were seen. Anise Swallowtail flew over the flowery slopes. Plants continued with *Nemophila heterophylla*, the impressive large *Cirsium peregrinum*, *Gilia capitata*, and both *Clarkia purpurea* and *Clarkia concinna* in fine bloom. Silvery foliated Grey Pines were a feature of the area, a very distinctive species.

Habenaria sparsiflora was at another stop but it was difficult to get the group very interested in this subtle orchid.

Having reached Covelo we settled into our motel run by the Round Valley Indian Tribes. Thankfully tonight the only restaurant in town was open!

Day 5 Thursday 5th May

Mendocino Pass and Highway 162

Breakfast was eaten in the café next to the hotel, the food substantial, the place full of interesting characters! The weather was fine as we set out on the road up to the Mendocino Pass. Not far from town we just had to stop for the beautiful *Penstemon heterophyllus*. There was much else here besides, including *Triteleia laxa*, *Sedum lanceolatum*, *Lotus micranthus*, *Delphinium nudicaule*, *Nemophila heterophylla*, and *Sambucus caerulea* in flower. The oaks here were *Quercus garryana*, and *Philadelphus lewisii* was in leaf.

Somewhat higher *Iris fernaldii* became rather common and we stopped for the best of them, seeing also *Lathyrus sulphureus*. A bonus was many *Calochortus tolmiei*, and *Lotus humistratus* was identified. Western Fence Lizards were active in the sunshine, and the characterful Mountain Quail was admired. Birds continued with Blue-grey Gnatcatcher, Western Bluebird, and Chipping Sparrow.

Oemleria cerasiformis grew in the understory, the oaks supported much of the mistletoe *Phoradendron serotinum*, there was a lone *Fritillaria affinis*, fine *Delphinium nudicaule*, and *Trillium chloropetalum* was in flower.

Reaching Mendocino Pass, the highlight for most of us was the fine show of *Fritillaria recurva*, in superb flower. The attractive delphinium here was *Delphinium decorum*, and the *Phlox speciosa* was especially fine. *Erysimum capitatum*, *Hydrophyllum occidentale*, *Claytonia parviflora*, *Collinsia parviflora*, *Lomatium dissectum*, and *Linanthus bolanderi* added to the variety. Among the conifers we identified the aromatic Incense Cedar, *Calocedrus decurrens*. *Brodiaea stellaris*, *Cynoglossum grande*, and *Viola purpurea* were all in flower.

A little further on we met walls of snow lining the track, and here we ate lunch in a winter landscape, the White Fir forest especially white. Nearby was an extensive serpentine outcrop where the many *Fritillaria purdyi* were in bud this year, on our last visit they had been in fine flower. A fine addition to the list was beautiful *Arabis modesta* on the serpentine, the purple flowers far from modest.

Among other birds in the area were Golden Eagle, White-breasted and Red-breasted Nuthatches, and Bullock's Oriole. Sonoma Chipmunks scuttled around.

Wyethia helenioides was just appearing, the valerian *Plectritis congesta* was locally common, there were fine patches of *Limnanthes douglasii nivea*, and *Collomia heterophylla* was seen. Lower down was a shady roadside that boasted fine *Collinsia heterophylla*, impressive *Clarkia concinna*, the lovely red flowered *Silene californica*, and patches of *Sedum spathulifolium*.

Back below Covelo an interesting circuitous route, now in heavy rain, among Blue Oak woodland, yielded Wild Turkeys, Black-tailed Jack Rabbit, beautiful large flowered *Silene bolanderi*, and *Allium amplexans*. The boraginaceous shrub *Eriodictyon californicum* was rather common in the area.

Back around the motel were Lesser Goldfinches.

Day 6 Friday 6th May

Journey to Klamath

On the main highway we motored north, making good progress, and we were soon in the great redwood forests of Humboldt County. Here we stopped to admire *Iris purdyi*, a new species for us, growing beside the road. The Avenue of the Giants was a superb alternative route to the highway, and took us through majestic redwood groves. The atmosphere in these fantastic forests was sublime. In flower were *Viola sempervirens* and *Tiarella unifoliata*, and *Scoliopus bigelowii* was in fruit, being a very early flowering species. Graceful Five-finger Fern was on the forest floor. Another stop was prompted by superb *Dichelostemma ida-maia*, a species pollinated by hummingbirds, having typical red tubular flowers. We made another stop for fuel and to buy lunch supplies.

By late morning we had reached Humboldt Bay where we took the opportunity for lunch by the bird reserve HQ. Northern (Hen) Harrier, Northern Flicker, Black Phoebe, Marsh Wren, and Cream Cups were among the things seen here.

Heading north we visited the beach near the Humboldt Lagoons, where was a fine dune community. The beach was littered with large old tree trunks, and scrubby *Picea sitchensis* grew behind the dunes. In flower were *Abronia latifolia*, *Calystegia soldanella*, *Lathyrus littoralis*, *Tanacetum bipinnatum*, *Glehnia leiocarpa* and *Camissonia cheiranthifolia*. *Daucus pusillus* was a good find at a new site for us for the species.

The coastal scenery became very impressive as we neared Orick. We stopped at the Redwood Visitor Centre, with interesting displays and another good book selection. *Aphanes occidentalis* grew in the car park!

Another alternative scenic drive took us through more stunning redwood groves, and *Mimulus dentatus* was seen.

We arrived at Requa and settled into our beautiful historic hotel in a fine restored wooden building beside the Klamath River, and before long we heard California Sealions cavorting in the water. Goosander was regular on the river. Dinner in the hotel was excellent and enjoyable.

Day 7 Saturday 7th May

Lake Earl and Jedediah Smiths Redwoods

A rather misty start saw us heading north, through Crescent City, and to Lake Earl, a fine protected area with a good variety of habitat. The coastal highway was scenically impressive. First of all we walked to Lake Earl itself, through interesting mixed woodland with initially Lodgepole Pine and Sitka Spruce, and in damper areas nearer the lake much Red Alder.

Surprisingly this year *Calypso bulbosa*, seen on all our previous visits, was not in flower and we saw no sign of it. However *Goodyera oblongifolia* was common in leaf, and both the diminutive *Listera cordata*, and *Corallorhiza maculata* were in fine flower. *Garrya elliptica* was in distinctive fruit.

There were carpets of *Maianthemum dilatatum* and dense patches of Skunk Cabbage, *Lysichitum americanum*. The latter could be smelt from the path and harboured Pacific Tree Frogs, two of which were located. Two attractive species of *Salix* were in flower, *Salix sitchensis* and *Salix hookeriana*, there was *Cornus occidentalis*, *Rhamnus purshiana*, and among the sedges, *Carex obnupta*.

On the lake were Red-throated Diver and Western Grebe. Purple Martins perched, Tree Swallows were in the air, and Nashville Warbler sang.

A very short drive took us to another part of the reserve where a short walk took us to a fine colony of *Fritillaria affinis*, with many good examples. Last year I had been very pleased to re-locate these after a ten year gap, and by the fact they were indeed still here. *Linaria canadensis* (now called *Nuttallanthus texanus*) and *Triphrysaria pusilla* were in flower. *Artemisia pycnocephala* was common in the dunes, with *Polygonum paronychia*. A short exploratory visit to the northern parts of Lake Earl yielded only marram invaded dunes.

Next we headed inland to the great Redwood forests. Jedediah Smith's Redwoods contain some stunning groves of these majestic trees and we stopped at various photogenic points and marvelled at these giants. Here we ate lunch, at 'the best picnic site ever' according to Frances. Ferns were a feature of the forest floor, among them *Adiantum pedatum*, *Blechnum spicant*, *Polystichum munitum*, and Brittle Bladder Fern.

A stop was prompted by many superb *Clintonia andrewsiana*, better than we had ever seen. Here we found several of the unusual *Asarum caudatum* in flower, *Vancouveria hexandra*, *Achlys californica* in leaf, and *Synthyris reniforme* in flower. Here was an impressive large Banana Slug. Further along was the lovely *Aquilegia formosa*, and the fresh bright green leaves of *Acer circinnatum*.

At Stout Grove we took a circular walk around the atmospheric forest. *Vancouveria hexandra* was again in flower, and *Disporum smithii* was seen. *Rhododendron macrophyllum* was in good bloom, *Oxalis oregana* was abundant on the forest floor, and *Trillium ovatum* had gone over.

Outside the forest was *Rhododendron occidentale*, *Valeriana sitchensis*, and Indra Swallowtail. There was time for another exploratory drive and I drove us along the North Fork Smith River road. *Iris tenax*, with its distinctive tough narrow leaves, was common here. A great find was a cliff covered in *Darlingtonia californica*, a species we were to see again tomorrow. This was fine here and in the same community was much *Pinguicula macroceras*, several in flower, and new for the tour. Also here were Oregon Cliffbrake, *Erigeron foliosus*, *Allophyllum divaricatum*, *Polygala californica*, *Heuchera micrantha*, and *Calochortus elegans*.

Day 8 Sunday 8th May

Highway 199, and O'Brien, Oregon

Heading north again we bypassed Crescent City and took Highway 199 towards Oregon. A 'botanical area' with a short circular path through the trees was a marvellous site, and was very productive today. The highlight and centrepiece is a small *Darlingtonia californica* bog, where we saw many more of these strange insectivorous plants, again with several in flower. Also in flower in the bog were some fine California Lady's Slipper Orchids, a highlight of the tour. *Iris bracteata* was in flower, and we were to see much more of it along roadsides in the area. *Viola cuneata*, *Lomatium triternatum*, *Arctostaphylos columbiana*, *Pseudotrillium rivale*, *Ligusticum grayi*, and *Ceanothus pumilus* were all here too. Incense Cedar was rather common, there were some impressive Jeffrey Pines, Western Red Cedar, *Quercus chrysolepis*, and *Rhododendron occidentale* in fine flower. A good find was the local speciality *Lathyrus delnorticus*. *Aspidotis densa* was an attractive fern and *Vaccinium scoparium* was identified. We chanced upon a rufous phase Ruffed Grouse, which we were able to approach very closely.

Having crossed the state line and having entered Oregon, we took a series of minor roads from O'Brien which led us into the Siskiyou Mountains, and in time back into California. This was real wilderness territory, with very isolated and basic settlements. This was of course a little travelled route, with some fine scenery and seemingly endless forested mountains in all directions.

We explored a floriferous woodland clearing, with *Balsamorhiza hookeri*, *Sanicula graveolens*, and yellow flowered *Galium ambiguum siskiyouense*. *Allium platycaule* was a fine addition to the list as was the local endemic *Lewisia oppositifolia*. *Lomatium nudicaule* and *Phacelia hastata* were identified and *Calochortus coeruleus* was rather common. *Silene bolanderi*, *Trifolium eriocephalum*, *Castilleja brevilibata*, and *Toxicoscordion paniculatum* continued the variety. Edith's Checkerspot and Brown Elfin were on the wing.

Another stop was prompted by a fine group of mud puddling Pale Tiger Swallowtails, Indra Swallowtails, and Anise Swallowtails. A fine scenic lunch site had Bewick's Wren and Sagebrush Lizards. Nearby was superb white flowered *Dicentra formosa oregana*, where also *Pinus lambertiana* and *Pinus attenuata* were determined, as well as *Juniperus communis*.

Erythronium oregonum had already gone over this year, but *Arnica serpentina* was in flower. On the forest floor was *Achlys triphylla*, and *Asarum caudatum* bloomed in a beautiful shady woodland patch. *Valeriana sitchensis*, *Delphinium depauperatum*, and *Collinsia sparsiflora* were at the last stop, and *Aralia californica* was in leaf.

Back in Requa, at the headland were many Harbour Seals, and a rather distant Bald Eagle.

Day 9 Monday 9th May

Willow Creek, and Journey to McCloud

It was farewell to all at the Requa Inn. First we headed south along the coast and having reached Arcata we turned inland. Before we left the redwoods we saw a large herd of Elk in a clearing.

Near Willow Creek we explored some minor mountain roads, making several stops. *Iris tenuissima*, *Lomatium californicum*, *Delphinium nudicaule* and *Erysimum capitatum* were all at the first of these. Further along were ditches full of *Limnanthes douglasii*, and *Triteleia hyacinthina* flowered in the meadows.

The Horse Mountain Botanical Area was our next stop. The area affords some fine views of the extensive surrounding wilderness. Here we found very many superb *Erythronium californicum*, and a few *Calypso bulbosa*, which was a bonus as we had not seen it at the usual site at Lake Earl. Also here were *Chimaphila umbellata*, *Phlox diffusa*, *Ceanothus pumilus* and *Arnica cernua*, and *Arctostaphylos nevadensis* was new for the tour. Red-breasted Nuthatches called continuously. Further along the road the *Erythronium* was particularly numerous this year, and we saw *Sanicula graveolens*. The fritillary *Boloria epithore* was on the wing.

We stopped to admire a stunning *Cornus nuttallii* bush, the white bracts striking. At the same site were *Ribes sanguineum* with beautiful flowers and the attractive *Calyptridium umbellatum* in bud. The comma, Hoary Angleming was seen, the foodplant being the *Ribes*. Silvery Blue was here too. We found a suitable spot for lunch, with *Clarkia amoena* in flower.

It was time to head more purposefully east and we followed the Trinity River for some time.

Having driven through Shasta Ghost Town, and then Redding, we headed north on I-5, having first of all views of the distant Mount Lassen, and then our first views of the stunning Mount Shasta. The water level in Shasta Lake was high this year. We arrived in McCloud early evening and settled in to our comfortable and characterful hotel, in the almost deserted town centre, before meeting for a welcome dinner.

Day 10 Monday 10th May McCloud Area

Sadly the bird feeders that had been in the hotel garden last year, and had attracted Allen's Hummingbirds, Steller's Jays, Dark-eyed Juncos, Pine Siskins, American Goldfinches, and beautiful Evening Grosbeaks, were no longer here.

A short drive east took us to the McCloud River Loop. At the Lower Falls a great find was the lovely yellow flowered *Triteleia ixioides analoia*, the Mountain Pretty Face. Western Choke Cherry was commonly in flower. Both Townsend's and Hermit Warblers were active in the conifers, and Common Buckeye was on the wing.

We arrived at the Middle Falls to find that we had this superb place all to ourselves, as has been the case on all my visits. The falls themselves were impressive with a strong and noisy flow of water. The scrub here was dominated by the attractive shrub *Arctostaphylos patula*, and *Purshia tridentata* was in flower. *Horkelia tridentata* and the pretty *Eriogonum nudum* were in bloom, and the low *Ceanothus prostratus* was flowering. Also here were *Ceanothus cordulatus*, *Eriodictyon lobbii* in leaf this year, and *Drymocallis glandulosa*.

We walked the shady path that leads to the Upper Falls. The pink flowers of *Peltiphyllum peltatum* flourished in the stream. Among the other plants seen along here were *Smilax californica*, *Mimulus alsinoides*, *Lithophragma affine*, *Tragopogon dubius*, and *Senecio aronicoides*, and we found *Asarum hartwegii* in flower. Much of the Incense Cedar was infected by the rust fungus *Gymnosporangium libocedri*, resembling lumps of orange jelly on the trees. The alternate hosts are various Rosaceae.

A fine *Abies concolor* grew by the river, at the Upper Falls were *Microseris nutans* and *Mimulus nanus*, and *Pedicularis densiflora* was impressive. Pacific-slope Flycatcher sallied for insects.

Squirrels seen today were Douglas Squirrel, Western Grey Squirrel, Golden-mantled Ground Squirrel, California Ground Squirrel, and Yellow-pine Chipmunk. Fine views were had of Pileated Woodpecker, and Warbling Vireos worked through the trees.

From Mount Shasta City we drove up to Castle Lake, where it was still very early spring with little in flower. No sign today of *Dodecathaon alpinum*, which had been new for the tour last year. We did however find *Anemone oregana*, and a fine patch of *Erythronium purpurascens*. We had very photogenic views of Mt. Shasta.

The impressive California Sister was on the wing, and *Balsamorhiza sericea* was in flower.

Day 11 Tuesday 11th May Klamath Lakes

Another superb day weather wise saw us traveling north, via the marvellously named town of Weed, and into the sagebrush country of the extreme north-east of the state. This was the great

bird day of the trip, visiting Lower Klamath Lake and Tule Lake on the Oregon border where a wealth of waterfowl inhabit the extensive wetlands. An early highlight was two Sage Thrashers that we watched as we waited at a roadwork traffic light stop.

A couple of attempts to find anything edible for lunch in the characterful border town of Dorris were unfruitful. Soon we were in fine habitat, and we spent all morning in the environs of Lower Klamath Lake. The ponds along the main road had many Forster's Terns, and a group of Long-billed Dowitchers.

There were so many birds here that it is difficult to know where to start. Ducks were well represented with Gadwall, American Wigeon, Pintail, Shoveler, Cinnamon Teal, Ruddy Duck, Redhead, Canvasback, Lesser Scaup, and Bufflehead. Black-necked Grebes were numerous, with many Western Grebes. Among the waders were Killdeer, Black-necked Stilt, Spotted Sandpiper, and American Avocets, and Wilson's Phalaropes spun around on the water. Hen Harriers hunted over the marshes, immature Golden Eagle was seen closely, and Caspian and Black Terns were here. Several Marsh Wrens were seen today.

Among the many other species recorded were American White Pelicans, Black-crowned Night Herons, many White-faced Ibis, and abundant Canada Geese, many with young. Icterids featured heavily, with Yellow-headed, Tricolored, Red-winged, and Brewer's Blackbirds, and Brown-headed Cowbird. Pheasant, California and Bonaparte's Gulls, and abundant American Coots continued the variety. Cliff Swallows were numerous and we had close views of a nesting colony.

Terry spotted a Coyote in the marshy grassland and we watched it for some time. Belding's Ground Squirrel was here. The vegetation comprised mostly weedy species typical of disturbed habitat, such as abundant Flixweed.

A short drive took us to Tule Lake where we stopped at the visitor centre. Here we had fine views of House Finch and American Goldfinch at the feeders. California Ground Squirrel frequented the car park and on the rocky slopes above was a colony of Orange-bellied Marmots. Tule Lake, as usual, had much less bird life than Lower Klamath Lake, but we did see several Clark's Grebes among the numerous Western and Black-necked Grebes. Nearby was Willow Flycatcher.

As we headed back, three Pronghorn were seen in sagebrush near Dorris. We stopped to look at the sagebrush scrub where *Artemisia tridentata* was dominant, with other species of *Artemisia* too, and *Astragalus purshii* was identified. A viewpoint afforded fine views of the north side of Mt. Shasta.

Day 12 Wednesday 12th May McCloud Area and Lassen Volcanic Park

We headed east from McCloud today, initially to the impressive MacArthur-Burney Falls. The weather was again perfect.

The vegetation around the falls was impressively verdant and lush. Black Swifts nest behind the falls, and we had fine views today, and American Dipper frequented the river. Among flowers here were *Arabis rectissima*, *Delphinium nudicaule*, *Smilax jamesii*, *Penstemon deustus*, and *Ribes roezlii*. California Maidenhair was lush in the spray of the falls. *Apocynum androsaemifolium*, *Arnica*

discoidea, *Chamaebatia foliolosa*, *Nemophila pedunculata*, and *Hydrophyllum capitatum* were here, and *Tonella tenella* was common. Spotted Coralroot was in fine condition.

We continued east to Lassen Volcanic Park where last year we had experienced heavy snow, rather deep on the ground and still falling heavily, a late winter landscape. This year however the weather continued superb.

A trip highlight came when I spotted flashes of red under the conifers. This was Snowplant and a stop here produced many in absolutely stunning form. Western Pine Elfin was flying.

In Lassen we had superb views of different volcanic landscapes and took a walk along an interpretive trail where we learnt much about the geological history of the park. Townsend's Solitaire was seen well. Least Chipmunks kept us amused whilst we ate lunch, which they were trying hard to share.

East of McCloud we found an interesting flora in a wet meadow amidst Sugar Pines. *Lewisia nevadensis* and *Micranthes oregana* (*Saxifraga oregana*) were great finds. The *Dodecathalon hendersonii* was in fine flower and the best we saw on the tour. *Ranunculus alismifolius* was typical of the wet habitat, and there was beautiful *Downingia pulcherrima* where vernal pools were drying out. *Hesperochiron pumilus* was here, and a pleasing addition to the list was the diminutive *Mimulus primuloides*. Among the many other species were *Potentilla millefolia*, *Stellaria longipes*, *Montia linearis*, *Montia chamissoi*, *Bistorta bistortoides*, and *Epilobium densiflorum*. The penstemon here was *Penstemon rydbergii*. Under the trees was *Lithophragma parviflora*. *Sisyrinchium idahoense* was new for the tour, and there were many here.

Day 13 Thursday 13th May Tehama Wildlife Area, Lake County and to Calistoga

We left McCloud, making the most of our last views of Mount Shasta before the journey south. The weather was good and our journey to Tehama County was straightforward. Turning off the main road we headed east from Red Bluff.

Having reached the Tehama Wildlife Area, amid fine quiet countryside, Acorn Woodpecker and California Quail were soon seen. The *Calochortus superbus* was indeed superb here, with many absolutely stunning examples, a late trip highlight. *Madia subspicata*, *Linanthus bicolor*, *Clarkia gracilis*, *Sanicula bipinnatifida* and *Triteleia bridgesii* were all in flower. Oak Titmouse moved through the oaks.

Dichelostemma multiflorum was in bloom, and California Ground Squirrels scuttled about. The *Fremontodendron californicum* was in striking flower, and Northern Chequerspot was flying. Many superb *Calochortus monophyllus* were another highlight. *Cercocarpus betuloides*, *Dichelostemma multiflorum*, *Lomatium utriculatum*, *Brodiaea elegans*, *Clarkia modesta*, *Mimulus guttatus*, the lovely *Hosackia oblongifolia*, *Selaginella wallacei*, *Thalictrum fendleri*, *Githopsis pulchella*, and *Gilia tricolor* were all here.

At Hog Lake Plateau we ate lunch. *Tribulus terrestris*, *Heliotropium curassavicum*, and *Croton setigerus* were weeds in the car park. Walking across the grassland we found much *Centromadia fitchii*, *Navarettia pubescens*, and *Navarettia intertexta*, as well as *Centaurium tenuiflorum*. A bonus this year was *Odontostomum hartwegii*, and many *Brodiaea coronaria* were a feature of the site. Also here

were more of the lovely campanula *Downingia pulcherrima* in dried vernal pools. Western Meadow Lark sang.

It was time to head south and we motored on I-5 down to Colusa County. We soon saw the first *Calochortus luteus* and many fields were turned yellow with it this year, continuing a fine calochortus day. *Hemizonia luzulaefolia*, a white flowered *Delphinium*, and *Clarkia unguiculata* were here too. Our journey continued through scenic Lake County, then the vineyards of Napa County.

We reached our motel, in 'upmarket' Calistoga, and had time for packing and preparing for our departure tomorrow, before enjoying the final meal in a restaurant in this characterful attractive town.

Day 14 Friday 14th May Journey to San Francisco and Departure

We travelled in a leisurely fashion towards San Francisco, initially on minor roads. Our journey took us back into Marin County.

On Napa roadsides were a few *Calochortus vestae*, frustratingly seen from the vehicle on rocky outcrops, but in places where it was impossible to stop. At the Marin headlands were fine views of the Golden Gate Bridge. Spotted Towhee frequented the vegetation where we ate lunch.

We headed for the airport, arriving there in good time. There we said our farewells and thanks after a superbly productive and enjoyable tour.

Systematic List Number 1 Plants

The systematic order and nomenclature follow 'The Jepson Manual: Vascular Plants of California', edited by Bruce G. Baldwin et al, 2nd edition, 2012. Although the complete alphabetical arrangement is rather unusual, this superb work is the standard flora for California and this system is therefore used here. This list follows fully all the changes in classification and nomenclature since the previous edition of the Jepson Manual.

Lycophytes

Selaginellaceae

Selaginella wallacei Tehama Co.

Ferns

Blechnaceae

Blechnum spicant Deer Fern Redwoods.
Woodwardia fimbriata Chain Fern Highway 162 and Tomales Bay State Park.

Dennstaedtiaceae

Pteridium aquilinum Bracken Widespread and common.
 var. *pubescens*

Dryopteridaceae

Dryopteris arguta Coastal Wood Fern Point Reyes.
Dryopteris expansa Spreading Wood Fern Point Reyes.
Polystichum californicum California Sword Fern Mendocino coast.
Polystichum lonchitis Holly Fern Scattered.
Polystichum munitum Common Sword Fern Locally dominant.

Equisetaceae

Equisetum arvense Common Horsetail Point Reyes.
Equisetum hyemale ssp. *affine* Common Scouring Rush Scattered records, e.g. Lake Earl (very large) and Marin County.
Equisetum telmateia ssp. *braunii* Giant Horsetail Bolinas.

Polypodiaceae

Polypodium californicum California Polypody Redwoods.
Polypodium glycirrhiza Licourice Fern West of Willits.
Polypodium scolieri Leather Fern Point Reyes, lighthouse area.

Pteridaceae

Adiantum aleuticum Five-finger Fern Redwoods.
Adiantum jordanii California Maidenhair Highway 162 and MacArthur Burney Falls.
Aspidotis densa Oregon Cliffbrake Highway 199, North Fork Smith River, and Oregon.
Cheilanthes gracillima Lace Fern McCloud area.
Pellaea mucronata Birdsfoot Fern Tehama Co.
Pentagramma triangularis Goldback Fern Widespread.

Woodsiaceae

Athyrium filix-femina Common Lady Fern Widespread, e.g. Lake Earl, Redwoods, Point Reyes.
Cystopteris fragilis Bladder Fern Redwoods, McCloud area and Burney Falls.
Woodsia scopulina Rocky Mountain Woodsia McCloud area.

SPERMATOPHYTA

Gymnosperms

Cupressaceae

<i>Calocedrus decurrens</i>	Incense-Cedar	Scattered records, e.g. Highway 162.
<i>Chamaecyparis lawsoniana</i>	Port Orford Cedar	Horse Mountain Botanical Area and the Botanical Area on Highway 199.
<i>Hesperocyparis macrocarpa</i>	Monterey Cypress	Scattered records of introduced trees. Locally very common.
<i>Juniperus communis</i>	Common Juniper	West of O'Brien.
<i>Juniperus occidentalis</i>	Western Juniper	Between Weed and Dorris.
<i>Sequoia sempervirens</i>	Redwood	Dominant over large areas with many fine groves. Seen as far south as Marin Co.
<i>Thuja plicata</i>	Western Redcedar	Botanical area on Highway 199 etc.

Pinaceae

<i>Abies concolor</i>	White Fir	McCloud area and co-dominant near Mendocino Pass.
<i>Abies grandis</i>	Grand Fir	Scattered records.
<i>Abies magnifica</i>	California Red Fir	Lassen Park.
<i>Picea sitchensis</i>	Sitka Spruce	North coast, e.g. Dry Lagoon.
<i>Pinus albicaulis</i>	Whitebark Pine	Lassen Volcanic Park. Not seen due to road closure.
<i>Pinus attenuata</i>	Knobcone Pine	Scattered records, e.g. west of O'Brien.
<i>Pinus contorta</i>	Lodgepole Pine	Scattered records, e.g. Lake Earl (Shore Pine) and McCloud area.
<i>Pinus jeffreyi</i>	Jeffrey Pine	Botanical area on Highway 199.
<i>Pinus lambertiana</i>	Sugar Pine	Scattered trees, e.g. West of O'Brien.
<i>Pinus muricata</i>	Bishop Pine	Point Reyes, where locally dominant.
<i>Pinus ponderosa</i>	Ponderosa Pine	Widespread and dominant over large areas.
<i>Pinus radiata</i>	Monterey Pine	Naturalised Point Reyes (Limantour Beach).
<i>Pinus sabiniana</i>	Gray Pine	Widespread. Very large cones!
<i>Pseudotsuga menziesii</i>	Douglas Fir	Dominant over extensive areas.
<i>Tsuga heterophylla</i>	Western Hemlock	Scattered.
<i>Tsuga mertensiana</i>	Mountain Hemlock	Scattered.

Taxaceae

<i>Torreya californica</i>	California Nutmeg
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Nymphaeales

Nymphaeaceae

<i>Nuphar polysepala</i>	Yellow Pond Lily	Humboldt Coast and Del Norte Co.
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Magnoliids

Aristolochiaceae

<i>Asarum caudatum</i>		Stout Grove, in the Redwoods, in good flower. Also in Oregon.
<i>Asarum hartwegii</i>	Hartweg's Wild Ginger	McCloud area and Burney Falls.
<i>Asarum marmoratum</i>		Possibly seen too.

Calycanthaceae

<i>Calycanthus occidentalis</i>	Sweet Shrub
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Lauraceae

<i>Umbellularia californica</i>	California Laurel	Marin Co., Lake Earl, etc.
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Eudicots

Adoxaceae

<i>Sambucus nigra caerulea</i>	Blue Elderberry	Covelo and Central Valley.
<i>Sambucus racemosa</i>	Red Elderberry	Point Reyes.

Aizoaceae

<i>Carpobrotus chilensis</i>	Sea Fig	Coasts.
<i>Carpobrotus edulis</i>	Hottentot Fig	Coasts.
<i>Tetragonia tetragonioides</i>	New Zealand Spinach	Kehoe Beach, Point Reyes.

Anacardiaceae

<i>Rhus aromatica</i>	Skunk Bush	Widespread.
<i>Toxicodendron diversilobum</i>	Western Poison Oak	Very common and widespread. Something to beware of!

Apiaceae

<i>Angelica hendersonii</i>		In flower at Point Reyes.
<i>Anthriscus caucalis</i>	Bur-chervil	Point Reyes.
<i>Cicuta douglasii</i>	Douglas's Water Hemlock	Scattered wetland records.
<i>Conium maculatum</i>	Hemlock	Widespread and common. Abundant at Klamath Lakes.
<i>Cymopterus terebinthinus</i>		Near O'Brien and Mendocino Pass. Previously in the genus <i>Pteryxia</i> .
<i>Daucus carota</i>	Carrot	Scattered records.
<i>Daucus pusillus</i>		Sonoma Coast in the past, Dry Lagoon 2016.
<i>Eryngium armatum</i>		Sonoma Coast, service station stop.
<i>Eryngium castrense</i>		This species at Hog Lake Plateau?
<i>Foeniculum vulgare</i>	Fennel	Scattered records.
<i>Glehnia littoralis leiocarpa</i>	Beach Silvertop	Dry Lagoon.
<i>Heracleum maximum</i>	Cow Parsnip	Widespread and locally abundant.
<i>Ligusticum apiifolium</i>		Point Reyes coast.
<i>Ligusticum grayi</i>	Gray's Lovage	Botanical area on Highway 199.
<i>Lomatium californicum</i>		Titlow Hill Road and Highway 162.
<i>Lomatium dasycarpum</i>		Point Reyes 2016.
<i>Lomatium dissectum</i>	Fern-leaved Lomatium	Lewiston Lake and Mendocino Pass.
<i>Lomatium macrocarpum</i>	Giant-seeded Lomatium	Scattered records.
<i>Lomatium nudicaule</i>	Pestle Lomatium	O'Brien area.
<i>Lomatium triternatum</i>	Lewis's Lomatium	Botanical Walk on Highway 199, and Dos Rios road.
<i>Lomatium utriculatum</i>	Foothill Lomatium	Tehama Wildlife Area, and Castle Lake area.
<i>Lomatium</i> spp.		Several others seen.
<i>Oenanthe sarmentosa</i>	American Oenanthe	Scattered records. Locally abundant at Point Reyes.
<i>Osmorhiza berteroi</i>		West of Willits and Point Reyes.
<i>Osmorhiza occidentalis</i>		Scattered records, e.g. Mendocino Pass.
<i>Sanicula arctopoides</i>	Footsteps of Spring	By the lighthouse at Point Reyes in the past.
<i>Sanicula bipinnatifida</i>	Purple Sanicle	Highway 162, Castle Lake, and Tehama Co.
<i>Sanicula crassicaulis</i>	Pacific Snakeroot	Redwoods and Point Reyes.
<i>Sanicula graveolens</i>	Sierra Snakeroot	Titlow Hill road.
<i>Scandix pecten-veneris</i>	Shepherd's Needle	Lake Co.
<i>Tauschia kelloggii</i>	Kellogg's Tauschia	
<i>Torilis arvensis</i>		Scattered records.

Apocynaceae

<i>Apocynum androsaemifolium</i>	Bitter Dogbane	McCloud River Loop in 2015, 2016 MacArthur Burney Falls.
<i>Araujia sericifera</i>	Bladder-flower	Roadside in Tehama Co. Very large ribbed fruits. Not seen 2016.
<i>Asclepias cordifolia</i>	Purple Milkweed	Tehama County in the past.

<i>Asclepias fascicularis</i>	Narrow-leaf Milkweed	Near MacArthur-Burney Falls in the past.
<i>Asclepias speciosa</i>	Showy Milkweed	Tehama Wildlife area in the past.
<i>Vinca major</i>	Greater Periwinkle	Widespread, e.g. Point Reyes.
Aquifoliaceae		
<i>Ilex aquifolium</i>	Holly	Point Reyes in the past.
Araliaceae		
<i>Aralia californica</i>	Elk Clover	In leaf at Patrick's Creek.
<i>Hedera helix</i>	Ivy	Point Reyes.
<i>Hydrocotyle ranunculoides</i>		Marshes at Point Reyes.
Asteraceae		
<i>Achillea millefolium</i>	Yarrow	Widespread and common.
<i>Achyraea mollis</i>	Blow Wives	In seed, scattered.
<i>Agoseris apargioides</i>	Seaside Dandelion	Lighthouse, Point Reyes.
<i>Agoseris retrorsa</i>		Highway 162 and McCloud.
<i>Ambrosia chamissonis</i>	Beach-bur	Point Reyes, in leaf Limantour Beach.
<i>Anaphalis margaritacea</i>	Pearly Everlasting	Point Reyes in the past.
<i>Anisocarpus madioides</i>	Woodland Madia	Mendocino Co.
<i>Antennaria rosea</i>	Rosy Everlasting	Near Lassen.
<i>Anthemis cotula</i>	Stinking Chamomile	Widespread.
<i>Arctotheca calendula</i>	Capeweed	Marin and Sonoma Coasts.
<i>Arnica cernua</i>	Serpentine Arnica	West of O'Brien.
<i>Arnica discoidea</i>		MacArthur Burney Falls 2016.
<i>Artemisia douglasiana</i>	Mugwort	Point Reyes in leaf.
<i>Artemisia pycnocephala</i>	Coastal Sagewort	Point Reyes and Lake Earl dunes.
<i>Artemisia suksdorfii</i>	Coastal Mugwort	Sonoma coast in the past.
<i>Artemisia tridentata</i>	Tall Sagebrush	Dominant in north-east Sagebrush.
<i>Baccharis pilularis</i>	Coyote Brush	Locally abundant, as at Point Reyes.
<i>Balsamorhiza deltoidea</i>	Deltoid Balsamroot	Near O'Brien etc.
<i>Balsamorhiza hookeri</i>		Common near O'Brien.
<i>Balsamorhiza sagittata</i>	Arrow-leaved Balsamroot	MacArthur Burney Falls, and Castle Lake area.
<i>Balsamorhiza sericea</i>	a balsamroot	Mt. Shasta area.
<i>Bellis perennis</i>	Daisy	Scattered records.
<i>Calendula arvensis</i>	Field Marigold	Scattered records.
<i>Carduus acanthoides</i>	Plumeless Thistle	Point Reyes in the past.
<i>Centaurea cyanus</i>	Cornflower	Roadsides in Mendocino Co. in the past.
<i>Centaurea solstitialis</i>	Yellow-star Thistle	
<i>Centromadia fitchii</i>		Numerous at Hog Lake Plateau.
<i>Cichorium intybus</i>	Chicory	Santa Rosa roadsides.
<i>Cirsium arvense</i>	Creeping Thistle	Common. Abundant at Point Reyes.
<i>Cirsium cymosum</i>	Peregrine Thistle	Highway 162, locally common.
<i>Cirsium occidentale</i>	Cobweb Thistle	Scattered records, e.g. Point Reyes.
<i>Cirsium quercetorum</i>	Brownie Thistle	Point Reyes. Stemless with white flowers.
<i>Cirsium vulgare</i>	Spear Thistle	Scattered records.
<i>Corethrogyne filaginifolia</i>	California Aster	Mt. Vision Road at Point Reyes in the past.
<i>Cotula coronopifolia</i>	Brass Buttons	Point Reyes.
<i>Crepis capillaris</i>		Point Reyes in the past.
<i>Crocidium multicaule</i>	Spring Gold	Sagebrush scrub and west of O'Brien.
<i>Erigeron annuus</i>	Annual Fleabane	Mendocino Co.
<i>Erigeron foliosus</i>		North Fork Smith River 2016.
<i>Erigeron glaucus</i>	Seaside Daisy	Point Reyes.
<i>Erigeron sp.</i>		Wet meadow east of McCloud.
<i>Eriophyllum lanatum</i>	Woolly Sunflower	Widespread and locally common.
<i>Eriophyllum staechadifolium</i>	Seaside Woolly Sunflower	In leaf at Point Reyes. In flower Marin Headlands on the last day.
<i>Euthamia occidentalis</i>		Point Reyes.
<i>Gamochaeta ustulata</i>		Point Reyes.
<i>Gnaphalium luteoalbum</i>		Point Reyes.

<i>Gnaphalium palustre</i>		Point Reyes in the past.
<i>Gnaphalium stramineum</i>		Point Reyes.
<i>Grindelia stricta</i>		Point Reyes and Marin Coast.
<i>Helianthella californica</i>		Near MacArthur-Burney Falls in the past.
<i>Helminthotheca echioides</i>	Bristly Ox-tongue	
<i>Hemizonia congesta luzulifolia</i>		Colusa Co.
<i>Hesperervax</i> sp.		
<i>Heterotheca grandiflora</i>	Telegraph Weed	
<i>Hieracium albiflorum</i>	White Hawkweed	Mendocino Co.
<i>Hypochoeris glabra</i>	Smooth Cat's-ear	Point Reyes.
<i>Hypochoeris radicata</i>	Rough Cat's-ear	Point Reyes.
<i>Jaumea carnosa</i>		In leaf at Point Reyes in the past.
<i>Lactuca serriola</i>	Prickly Lettuce	In leaf.
<i>Lactuca</i> sp.		
<i>Lagophylla ramosissima</i>	Common Hareleaf	Mendocino Co. In the past.
<i>Lasthenia californica</i> ssp. <i>californica</i>		Point Reyes.
<i>Lasthenia californica</i> ssp. <i>macrantha</i>		Point Reyes.
<i>Layia glandulosa</i>	White Layia	Colusa County.
<i>Layia platyglossa</i>	Coastal Tidy Tips	Very locally common at Point Reyes.
<i>Leontodon saxatilis longirostris</i>	Hairy Hawkbit	Point Reyes in the past.
<i>Leucanthemum vulgare</i>	Ox-eye Daisy	Widespread and common.
<i>Logfia gallica</i>		Point Reyes.
<i>Madia elegans</i>	Common Madia	Redwoods.
<i>Madia exigua</i>	Threadstem Madia	Local.
<i>Madia gracilis</i>	Gumweed	Highway 162.
<i>Madia sativa</i>	Coast Tarweed	Point Reyes in the past.
<i>Madia subspicata</i>		Tehama Wildlife area.
<i>Matricaria discoidea</i>	Pineapple Weed	Widespread.
<i>Microseris nutans</i>		McCloud River Loop.
<i>Packera cana</i>	Woolly Groundsel	O'Brien area.
<i>Petasites frigidus palmatus</i>	Western Coltsfoot	In flower, Patrick's Creek.
<i>Pseudognaphalium beneolens</i>		Point Reyes.
<i>Psilocarphus brevissimus</i>	Woolly Marbles	Point Reyes.
<i>Pyrocoma uniflora</i>		Mt.Shasta area.
<i>Rudbeckia californica</i>	California Cone-flower	
<i>Senecio aronicoides</i>	California Butterweed	McCloud area.
<i>Senecio interrigmus</i>	California Butterweed	Sagebrush scrub in the past.
<i>Senecio vulgaris</i>	Groundsel	Point Reyes.
<i>Silybum marianum</i>	Milk Thistle	Locally common, as at Point Reyes.
<i>Sonchus asper</i>	Prickly Sow Thistle	Scattered records.
<i>Sonchus oleraceus</i>	Smooth Sow Thistle	Scattered records.
<i>Stephanomeria exigua</i>	Small Wreath Plant	Lake Co. In the past.
<i>Tanacetum bipinnatum</i>	Dune Tansy	In fine flower at Dry Lagoon.
<i>Tanacetum vulgare</i>	Tansy	Inverness roadside.
<i>Taraxacum officinale</i>	Dandelion	Scattered.
<i>Tragopogon porrifolius</i>	Salsify	Scattered roadside records.
<i>Wyethia angustifolia</i>	Narrowleaf Mule's Ears	Point Reyes.
<i>Wyethia helenoides</i>	a mule's ears	Locally very common Mendocino Pass and Lassen area, only in leaf this year, and these just appearing at Mendocino Pass.
<i>Wyethia mollis</i>	Mountain Mule's Ears	Tehama Co.
Berberidaceae		
<i>Achlys californica</i>		Probably present too.
<i>Achlys triphylla</i>	Deer-foot	Redwoods.
<i>Berberis aquifolia</i>		Highway 162
<i>Berberis nervosa</i>	Oregon Grape	Widespread.
<i>Berberis pinnata</i>		Point Reyes.
<i>Vancouveria chrysantha</i>	Siskiyou Inside-out-Flower	West of O'Brien 2015.

<i>Vancouveria hexandra</i>	Northern Inside-out-Flower	Redwoods.
Betulaceae		
<i>Alnus rhombifolia</i>	White Alder	MacArthur-Burney Falls.
<i>Alnus rubra</i>	Red Alder	Locally common, e.g. Lake Earl and Point Reyes.
<i>Betula occidentalis</i>	Water Birch	Patrick's Creek, and Requa.
<i>Corylus cornuta</i> var. <i>californica</i>	California Hazlenut	Widespread.
Boraginaceae		
<i>Amsinckia spectabilis</i>	Fiddle Neck	Point Reyes.
<i>Cryptantha intermedia</i>	Common Cryptantha	Highway 162.
<i>Cryptantha</i> spp.		Other species noted too. A large and complex genus.
<i>Cynoglossum grande</i>	Grand Hound's Tongue	Mendocino Pass, in flower.
<i>Echium candicans</i>	Pride of Madeira	Naturalised along coast.
<i>Eriodictyon californicum</i>	Yerba Santa	Commonly in flower near Covelo, and Tehama Co.
<i>Eriodictyon lobbii</i>	Matted Yerba Santa	In leaf McCloud River loop.
<i>Heliotropium curassavicum</i> var. <i>oculatum</i>		Dry Laguna, very small examples.
<i>Hesperochiron californicus</i>		Sagebrush in the past.
<i>Hesperochiron pumilus</i>		Wet meadow near McCloud.
<i>Hydrophyllum capitatum</i>		MacArthur Burney Falls 2016.
<i>Hydrophyllum occidentale</i>	California Waterleaf	Mendocino Pass, in flower.
<i>Lithospermum californicum</i>	California Puccoon	O'Brien area.
<i>Myosotis discolor</i>	Changing Forget-me-not	Scattered records.
<i>Myosotis latifolia</i>	Forget-me-not	Common.
<i>Nemophila heterophylla</i>	Vari-leaf Nemophila	Highway 162.
<i>Nemophila menziesii</i>	Baby Blue Eyes	Point Reyes lighthouse and Mendocino.
<i>Nemophila parviflora</i>	Small-flowered Nemophila	Mendocino County.
<i>Nemophila pedunculata</i>		MacArthur-Burney Falls.
<i>Phacelia bolanderi</i>		Klamath area in the past.
<i>Phacelia californica</i>	California Coast Phacelia	Point Reyes.
<i>Phacelia distans</i>	Common Phacelia	Point Reyes.
<i>Phacelia hastata</i>		West of O'Brien 2016.
<i>Phacelia heterophylla</i>	Vari-leaf Phacelia	Scattered records, e.g. Titlow Hill road and MacArthur Burney Falls.
<i>Phacelia imbricata</i>	Imbricate Phacelia	Tehama Co.
<i>Phacelia insularis continentis</i>		Point Reyes 2016.
<i>Phacelia malvifolia</i>	Stinging Phacelia	Point Reyes.
<i>Plagiobothrys</i> sp.		Wet meadow east of McCloud.
Brassicaceae		
<i>Alyssum alyssoides</i>		Between Dorris and Weed.
<i>Arabis blepharophylla</i>	Rose Rock Cress	1 in flower at the lighthouse at Point Reyes, 2015.
<i>Arabis modesta</i>		Several in fine flower on a serpentine rock slip at Mendocino Pass, 2016.
<i>Barbarea orthoceras</i>	American Winter Cress	Patrick's Creek etc.
<i>Boechera rectissima</i>	Recter's Rockcress	In flower and fruit at MacArthur-Burney Falls.
<i>Boechera sparsiflora</i>		Near O'Brien.
<i>Brassica nigra</i>	Black Mustard	Widespread and locally abundant.
<i>Brassica rapa</i>	Field Mustard	Widespread and locally abundant.
<i>Cakile maritima</i>	Sea Rocket	Point Reyes etc.
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Scattered.
<i>Cardamine californica</i>	Milk Maid's	Point Reyes.
<i>Cardamine oligosperma</i>	Western Bittercress	In fruit.
<i>Cardamine nuttallii</i>		Titlow Hill road.

<i>Cardamine pachystigma</i>		Probably this species at Mendocino Pass.
<i>Descurainia sophia</i>	Flixweed	Abundant at Klamath Lakes.
<i>Draba verna</i>		In flower Mendocino Pass.
<i>Draba sp.</i>		MacArthur-Burney Falls.
<i>Erysimum capitatum</i>	Douglas's Wallflower	Highways 199 and 162, and Willow Creek area.
<i>Erysimum concinnum</i>		Point Reyes in the past.
<i>Erysimum menziesii</i>	Menzie's Wallflower	Point Reyes.
<i>Isatis tinctoria</i>	Woad	Scattered on roadsides, mainly Mt. Shasta area.
<i>Lepidium campestre</i>	Poorman's Peppergrass	Wet meadow east of McCloud 2015.
<i>Lepidium coronopus</i>	Swine Cress	Point Reyes in the past (<i>Coronopus squamatus</i>).
<i>Lepidium draba</i>	Hoary Cress	
<i>Lepidium latifolium</i>	Perennial Pepperweed	Colusa Co. and Lake Co. in the past.
<i>Lepidium nitidum</i>	Shining Peppergrass	Chimney Rock, Point Reyes, in fruit.
<i>Lepidium perfoliatum</i>	Shield Peppergrass	Klamath Lakes in the past.
<i>Lepidium strictum</i>		Point Reyes, locally common on tracks.
<i>Lobularia maritima</i>	Sweet Alison	Scattered records.
<i>Nasturtium officinale</i>	Water Cress	Point Reyes.
<i>Noccaea fendleri glauca</i>		Gumboot Lake in the past.
<i>Raphanus raphanistrum</i>		
<i>Raphanus sativus</i>	Wild Radish	Widespread and abundant, especially at Point Reyes.
<i>Rorippa curvisiliqua</i>	Western Yellow Cress	McCloud area, and Olema Marsh.
<i>Sinapis alba</i>	White Mustard	Point Reyes.
<i>Sinapis arvensis</i>	Charlock	Point Reyes.
<i>Sisymbrium altissimum</i>	Tumbling Mustard	Point Reyes.
<i>Sisymbrium irio</i>	London Rocket	Point Reyes.
<i>Sisymbrium officinale</i>	Hedge Mustard	Widespread.
<i>Thelypodium lasiophyllum</i>	California Mustard	Point Reyes. This name is not in TJM.
<i>Thysanocarpus curvipes</i>	Lace Pod	Locally common above Covelo 2015.
<i>Turritis glabra</i>		In seed at Point Reyes.
Campanulaceae		
<i>Downingia pulcherrima</i>		Abundant at Hog Lake Plateau. Also wet meadow east of McCloud (2015).
<i>Githopsis pulchella</i>		Tehama Wildlife Area.
Caprifoliaceae		
<i>Lonicera ciliosa</i>	Orange Honeysuckle	Mt. Shasta 2015.
<i>Lonicera hispidula</i>		Point Reyes.
<i>Lonicera involucrata</i>	Twinberry	Point Reyes, Lake Earl.
<i>Lonicera subspicata</i>		Tehama Co.
<i>Symphoricarpos albus</i>	Snowberry	Widespread.
Caryophyllaceae		
<i>Cardionema ramosissimum</i>		Coastal at Point Reyes and Lake Earl.
<i>Cerastium arvense strictum</i>	Field Mouse-ear	Scattered records.
<i>Cerastium glomeratum</i>	Sticky Mouse-ear	Scattered records.
<i>Gypsophila paniculata</i>		Lake County in the past.
<i>Herniaria hirsuta var. cinerea</i>		Tehama Wildlife area 2016.
<i>Holosteum umbellatum</i>	Umbellate Chickweed	McCloud area in the past.
<i>Minuartia californica</i>	California Sandwort	Sonoma coast in the past.
<i>Miuartia tenella</i>		Oregon. = <i>Arenaria stricta</i> var. <i>puberulenta</i> . Neither of these names are in TJM. 2016.
<i>Petrorhagia dubia</i>		Scattered records.
<i>Polycarpon tetraphyllum</i>	Four-leaved Allseed	Point Reyes etc.
<i>Pseudostellaria jamesiana</i>		Highway 199 in the past.
<i>Sagina apetala</i>	Dwarf Pearlwort	
<i>Scleranthus annuus</i>	Annual Knawel	Friday Ridge road 2016.
<i>Silene bolanderi</i>		Large flowers! Covelo and O'Brien areas.

<i>Silene gallica</i>	Small-flowered Catchfly	Scattered records, e.g. Point Reyes.
<i>Silene laciniata californica</i>	California Pink	Highway 162.
<i>Spergula arvensis</i>	Corn Spurrey	Point Reyes.
<i>Spergularia macrotheca</i>	Sticky Sand Spurrey	Point Reyes lighthouse area.
<i>Spergularia rubra</i>	Marsh Sand Spurrey	Point Reyes, Titlow Hill road, Hog Lake Plateau.
<i>Stellaria littoralis</i>	Beach Starwort	Abbott's Lagoon.
<i>Stellaria longipes</i>		East of McCloud.
<i>Stellaria media</i>	Chickweed	Widespread.
Celastraceae		
<i>Paxistima myrsinites</i>	Oregon Boxwood	In leaf McCloud area.
Chenopodiaceae		
<i>Beta vulgaris maritima</i>	Beet	Scattered records.
<i>Chenopodium album</i>	Fat Hen	Hog Lake Plateau.
<i>Salicornia pacifica</i> or <i>perennis</i>		Coastal.
Cistaceae		
<i>Cistus incanus</i>		Roadsides in Marin County. Introduced.
Convolvulaceae		
<i>Calystegia occidentalis</i>	Western Morning Glory	Point Reyes, and common along the coast.
<i>Calystegia polymorpha</i>		Oregon lunch site. What is the correct name for this species?
<i>Calystegia soldanella</i>	Sea Bindweed	In flower at Dry Lagoon.
<i>Calystegia subacaulis</i>		This species Tehama Co?
<i>Calystegia</i> sp.		Yellowish white flowers, north of Covelo.
<i>Convolvulus arvensis</i>	Field Bindweed	
<i>Cuscuta salina</i>	Salty Dodder	Marin County including Point Reyes.
<i>Cuscuta</i> sp.		Hog Lake Plateau.
Cornaceae		
<i>Cornus canadensis</i>	Bunchberry	
<i>Cornus nuttallii</i>	Pacific Dogwood	In fine 'flower' Redwoods, Willow Creek,
<i>Cornus sericea</i>	American Dogwood	Point Reyes, Lake Earl.
Crassulaceae		
<i>Crassula connata</i>	Pygmy Stonecrop	Point Reyes.
<i>Dudleya cymosa</i>	Canon Dudleya	Point Reyes in the past.
<i>Dudleya farinosa</i>	Powdery Dudleya	Point Reyes.
<i>Sedella pumila</i>	Dwarf Cliff Sedum	Tehama Co. roadsides in the past.
<i>Sedum lanceolatum</i>	Spearleaf Stonecrop	Highway 162.
<i>Sedum laxum</i>		Rosettes and spike west of O'Brien 2016.
<i>Sedum oreganum</i>	Oregon Stonecrop	Del Norte County.
<i>Sedum radiatum</i>	Coast Range Stonecrop	Highway 162 in the past.
<i>Sedum spathulifolium</i>	Pacific Sedum	Widespread. Very common on rocks along Highway 162.
Cucurbitaceae		
<i>Marah fabacea</i>	California Manroot	Scattered records, including Point Reyes.
<i>Marah oregana</i>	Coast Manroot	Point Reyes, and elsewhere.
Dipsacaceae		
<i>Dipsacus fullonum</i>	Teasel	Scattered records.
<i>Dipsacus sativus</i>	a teasel	Marin Co.

Ericaceae

<i>Arbutus menziesii</i>	Pacific Madrone	Point Reyes, Redwoods, etc.
<i>Arctostaphylos columbiana</i>	Columbia Manzanita	Botanical walk on Highway 199.
<i>Arctostaphylos glandulosa</i>		Point Reyes.
<i>Arctostaphylos manzanita</i>		Scattered records.
<i>Arctostaphylos nevadensis</i>		Horse Mountain botanical area.
<i>Arctostaphylos patula</i>	Greenleaf Manzanita	Dominant over large areas near McCloud, Horse Mountain botanical area etc.
<i>Arctostaphylos stanfordiana</i>	Stanford Manzanita	Mendocino Co.
<i>Arctostaphylos uva-ursi</i>	Bearberry	Lake Earl.
<i>Arctostaphylos virgata</i>	Marin Manzanita	Point Reyes.
<i>Arctostaphylos viscida</i>		
<i>Arctostaphylos</i> spp.		Several other species present.
<i>Chimaphila menziesii</i>	Little Princes Pine	
<i>Chimaphila umbellata</i>	Western Princes Pine	Titlow Hill road.
<i>Erica lusitanica</i>		Humboldt and Del Norte Counties in the past.
<i>Gaultheria shallon</i>	Salal	Widespread and common.
<i>Pterospora andromedea</i>	Pinedrops	Old spikes near McCloud and Lassen.
<i>Pyrola picta</i>	White-veined Wintergreen	In leaf Friday Ridge Road 2015.
<i>Rhododendrum columbianum</i>	Western Labrador Tea	Salt Point and elsewhere along coast.
<i>Rhododendron macrophyllum</i>	Pacific Rhododendron	In flower in Redwood forests.
<i>Rhododendron occidentale</i>	Western Azalea	Common in Redwood forests. At Point Reyes in leaf, Highway 199 and O'Brien. c.50 near Lassen in striking flower.
<i>Sarcodes sanguinea</i>	Snow Plant	Widespread, e.g. Lake Earl and Point Reyes.
<i>Vaccinium ovatum</i>	California Huckleberry	Lake Earl and Redwoods.
<i>Vaccinium parvifolium</i>	Red Huckleberry	Botanical area on Highway 199.
<i>Vaccinium scoparium</i>		

Euphorbiaceae

<i>Chamaesyce maculata</i>	Spotted Spurge	
<i>Croton setigerus</i>	Turkey Mullein	Hog Lake Plateau.
<i>Euphorbia crenulata</i>	Chinese Caps	Point Reyes and McCloud area in the past.
<i>Euphorbia helioscopia</i>	Sun Spurge	
<i>Euphorbia lathyris</i>	Caper Spurge	
<i>Euphorbia oblongata</i>		Point Reyes in the past.
<i>Euphorbia peplus</i>	Petty Spurge	Scattered records.

Fabaceae

<i>Acacia</i> spp.		
<i>Acmispon americanus</i>		Highway 199 in the past.
<i>Acmispon brachycarpus</i>	Hill Lotus	Scattered records, e.g. Highway 162.
<i>Acmispon glaber</i>	Deer-weed	Common at Point Reyes.
<i>Acmispon grandiflorus</i>	Grand Lotus	North Fork Smith River.
<i>Acmispon junceus</i> ssp. <i>biolettii</i>		Point Reyes.
<i>Acmispon micranthus</i>	Miniature Lotus	Highway 162.
<i>Astragalus filipes</i>		Near Weed in the past.
<i>Astragalus purshii</i>		Between Dorris and Weed 2016.
<i>Cercis occidentalis</i>	Western Red-bud	Widespread.
<i>Cytisus scoparius</i>	Broom	Locally abundant.
<i>Genista monspessulana</i>		Commonly naturalised.
<i>Hosackia gracilis</i>	Bicoloured Lotus	Sonoma Coast and wild in Mendocino Botanic Garden.
<i>Hosackia oblongifolia</i>	Torrey's Lotus	Tehama Co. bridge site.
<i>Hosackia rosea</i>		This at Point Reyes?
<i>Lathyrus delnorticus</i>		Botanical Area on Highway 199. A local and uncommon species.
<i>Lathyrus latifolius</i>	Everlasting Pea	Locally very common on roadsides.
<i>Lathyrus littoralis</i>	Silky Beach Pea	Dry Lagoon in fine flower, some with white flowers.
<i>Lathyrus nevadensis</i>	Sierra Nevada Pea	Scattered records.

<i>Lathyrus polyphyllus</i>		Near Orick in the past.
<i>Lathyrus sulphureus</i>	Sulphur Pea	Highway 162.
<i>Lathyrus tingitanus</i>	Tangier Pea	Widespread and very common.
<i>Lathyrus vestitus</i>	Pacific Pea	Along the coast, e.g. Point Reyes.
<i>Lotus corniculatus</i>	Bird's-foot Trefoil	Widespread.
<i>Lupinus albifrons</i>		Highway 162.
<i>Lupinus arboreus</i>	Bush Lupin	Common along the coast.
<i>Lupinus bicolor</i>	Miniature Lupin	Highway 162 etc.
<i>Lupinus chamissonis</i>		Point Reyes.
<i>Lupinus littoralis</i>	Seashore Lupin	Del Norte coast in the past.
<i>Lupinus luteolus</i>	Butter Lupin	Widespread. Very common along Highway 162.
<i>Lupinus microcarpus</i>	Chick Lupin	Marin Coast (<i>L.densiflorus</i>) and McCloud and Lassen areas (<i>L.subvexus</i>)?.
<i>Lupinus nanus</i>	Douglas's Lupin	Scattered records, e.g. Point Reyes.
<i>Lupinus polyphyllus</i>	Blue-pod Lupin	Point Reyes, in moist habitat behind hotel.
<i>Lupinus variicolor</i>		Point Reyes.
<i>Lupinus</i> spp.		Many other lupins were undoubtedly present. It is a very large and difficult genus in the region.
<i>Medicago arabica</i>	Spotted Medick	Scattered records.
<i>Medicago lupulina</i>	Black Medick	Point Reyes.
<i>Medicago polymorpha</i>	Bur Clover	
<i>Medicago sativa</i>	Lucerne	
<i>Melilotus albus</i>	White Melilot	
<i>Melilotus indicus</i>	Yellow Melilot	Scattered records.
<i>Melilotus officinalis</i>	Ribbed Melilot	
<i>Pisum sativum</i>	Wild Pea	
<i>Robinia pseudacacia</i>	False Acacia	Lake Earl.
<i>Spartium junceum</i>	Spanish Broom	Point Reyes in the past.
<i>Thermopsis macrophylla</i>	California False Lupin	Roadsides west of Mt.Shasta.
<i>Trifolium arvense</i>	Hare's-foot Clover	Highway 162.
<i>Trifolium aureum</i>	Large Hop Trefoil	Marin Co.
<i>Trifolium campestre</i>	Hop Trefoil	Point Reyes
<i>Trifolium depauperatum</i>	Balloon Clover	Point Reyes.
<i>Trifolium dubium</i>	Shamrock	
<i>Trifolium eriocephalum</i>		West of O'Brien 2016.
<i>Trifolium fucatum</i>	Bull Clover	Mendocino Co.
<i>Trifolium glomeratum</i>	Clustered Clover	Point Reyes.
<i>Trifolium incarnatum</i>	Crimson Clover	Locally common along roadsides.
<i>Trifolium macrocephalum</i>	Giant's-head Clover	
<i>Trifolium microcephalum</i>	Maiden Clover	
<i>Trifolium microdon</i>		Point Reyes.
<i>Trifolium pratense</i>	Red Clover	Widespread.
<i>Trifolium repens</i>	White Clover	Widespread.
<i>Trifolium subterraneum</i>	Burrowing Clover	Point Reyes.
<i>Trifolium variegatum</i>		Highway 162 etc.
<i>Trifolium willdenovii</i>	Tomcat Clover	Scattered records.
<i>Trifolium wormskioldii</i>	Cow Clover	Point Reyes.
<i>Ulex europaeus</i>	Gorse	Commonly naturalised.
<i>Vicia americana</i>	American Vetch	Point Reyes, Highway 162, etc.
<i>Vicia benghalensis</i>		Scattered records.
<i>Vicia cracca?</i>	Tufted Vetch	Widespread and very common. Not treated in the flora.
<i>Vicia gigantea</i>	Giant Vetch	Scattered records, e.g. Marin County.
<i>Vicia hirsuta</i>	Hairy Tare	Scattered records, e.g. Point Reyes.
<i>Vicia sativa</i>	Common Vetch	Scattered records.
<i>Vicia villosa</i>	Fodder Vetch	Marin coast.
Fagaceae		
<i>Chrysolepis chrysophylla</i>	Golden Chinkapin	Scattered records, e.g. Point Reyes.

<i>Notholithocarpus densiflorus</i>	Tanoak	Widespread. Mendocino, Sonoma, Humboldt, and Del Norte Counties.
<i>Quercus agrifolia</i>	Coast Live Oak	Point Reyes.
<i>Quercus chrysolepis</i>	Canyon Live Oak	Widespread.
<i>Quercus douglasii</i>	Blue Oak	Tehama Co., Covelo, N of Redding, etc.
<i>Quercus dumosa</i>	California Scrub Oak	Scattered records.
<i>Quercus garryana</i>	Oregon Oak	Widespread.
<i>Quercus kelloggii</i>	California Black Oak	Widespread, e.g. Mendocino Co., McCloud
<i>Quercus lobata</i>	Valley Oak	Mendocino Co.
<i>Quercus wislizenii</i>	Interior Live Oak	Scattered records e.g. Highway 162

Garryaceae

<i>Garrya elliptica</i>	Wavyleaf Silktassel	Lake Earl
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Gentianaceae

<i>Centaurium tenuiflorum</i>		Hog Lake Plateau 2015.
<i>Cicendia quadrangularis</i>		Point Reyes in the past.
<i>Frasera speciosa</i>	Monument Plant	In leaf on Mendocino Pass.

Geraniaceae

<i>California macrophylla</i>	Roundleaf Storksbill	Scattered records in the past.
<i>Erodium botrys</i>	Long-beaked Storksbill	Point Reyes.
<i>Erodium cicutarium</i>	Common Storksbill	Widespread and common.
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	Scattered records.
<i>Geranium molle</i>	Dove's-foot Crane's-bill	Point Reyes.
<i>Pelargonium</i> sp.		Sonoma and Mendocino Coasts.

Grossulariaceae

<i>Ribes lobbii</i>		This species Patrick's Creek?
<i>Ribes menziesii</i>	Canyon Gooseberry	Scattered records, e.g. Mendocino Pass and McCloud area.
<i>Ribes roezlii</i>	Sierran Gooseberry	MacArthur-Burney Falls.
<i>Ribes sanguineum</i>	Red-flowering Currant	Willow Creek area and Patrick's Creek.

Hydrangeaceae

<i>Philadelphus lewisii</i>	Wild Mock Orange	In leaf and bud at Covelo, 2015.
<i>Whipplea modesta</i>	Yerba de Selva	Locally very common.

Hypericaceae

<i>Hypericum perforatum</i>	Perforate St. John's Wort	Scattered records.
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Labiatae

<i>Agastache urticifolia</i>	Horsemint	
<i>Clinopodium douglasii</i>	Yerba Buena	
<i>Lamium amplexicaule</i>	Henbit Deadnettle	Klamath Lakes in the past.
<i>Marrubium vulgare</i>	White Horehound	
<i>Mentha aquatica</i>	Water Mint	In leaf.
<i>Mentha canadensis</i>		In leaf.
<i>Mentha pulegium</i>	Pennyroyal	In leaf.
<i>Mentha suaveolens</i>	Round-leaved Mint	In leaf.
<i>Monardella odoratissima</i>	Coyote Mint	
<i>Pogogyne douglasii</i>	Douglas' Beardstyle	Lake County 2015.
<i>Prunella vulgaris</i>	Self-heal	Lake Earl.
<i>Salvia columbariae</i>	Chia	Lake County in the past.
<i>Stachys rigida</i> var. <i>quercetorum</i>		Point Reyes.

Lentibulariaceae

<i>Pinguicula macroceras</i>	a butterwort	Many plants, some in flower, on serpentine, North Fork Smith River.
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Limnanthaceae

<i>Limnanthes douglasii</i> ssp. <i>douglasii</i> ssp. <i>nivea</i>	Douglas's Meadow Foam	Mendocino Co. in the past Highway 162, Titlow Hill Road, locally common.
ssp. <i>sulphurea</i>	Point Reyes Meadow Foam	Point Reyes. A fine show of this endangered yellow flowered subspecies.

Linaceae

<i>Hesperolinon adenophyllum</i> <i>Linum bienne</i>	Glandular Dwarf Flax Pale Flax	Point Reyes.
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Malvaceae

<i>Fremontodendron californicum</i>		Tehama Co. in fine flower.
<i>Malva neglecta</i>	Dwarf Mallow	Point Reyes.
<i>Malva nicaeensis</i>	Bull Mallow	Point Reyes in the past.
<i>Malva parviflora</i>	Least Mallow	Point Reyes.
<i>Sidalcea diploscypha</i>	Fringed Sidalcea	Mendocino Co.
<i>Sidalcea hartwegii</i>		McCloud, in leaf.
<i>Sidalcea hirsuta</i>		Hog Lake Plateau in the past.
<i>Sidalcea malviflora</i> <i>Sidalcea oregana</i>	Checker Bloom	Point Reyes. Oregon.

Montiaceae

<i>Calandrinia ciliata</i>	Red Maids	Point Reyes.
<i>Calyptidium umbellatum</i>	Pussy Paws	Friday Ridge Road, in bud. Redwoods.
<i>Claytonia cordifolia</i>		Mendocino Pass.
<i>Claytonia parviflora</i>		Common.
<i>Claytonia perfoliata</i>	Miner's Lettuce	Point Reyes.
<i>Claytonia sibirica</i>	Candyflower	In fine flower on serpentine rocks on Highway 199 (seen from vehicle!).
<i>Lewisia cotyledon</i>	Cliff Maids	A few in meadow east of McCloud. Oregon.
<i>Lewisia nevadensis</i>	Nevada Lewisia	Lake County in the past.
<i>Lewisia oppositifolia</i>	Opposite-leaved Lewisia	Wet meadow east of McCloud.
<i>Lewisia rediviva</i>	Bitterroot	Many in wet meadow east of McCloud.
<i>Montia chamissoi</i> <i>Montia linearis</i> <i>Montia parvifolia</i>		Botanical area on Highway 199.

Myricaceae

<i>Morella californica</i>	Pacific Bayberry	Lake Earl.
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Myrsinaceae

<i>Anagallis arvensis</i> <i>Trientalis latifolia</i>	Scarlet Pimpernel Pacific Starflower	Widespread and common. Point Reyes, Redwoods, etc.
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Myrtaceae

<i>Eucalyptus globulus</i> <i>Leptospermum laevigatum</i>	Blue Gum Australian Tea Tree	
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Nyctaginaceae

<i>Abronia latifolia</i>	Yellow Sand Verbena	Fine at Dry Lagoon.
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Oleaceae

<i>Fraxinus dipetala</i> <i>Fraxinus latifolia</i>	California Ash Oregon Ash	MacArthur-Burney Falls. Widespread.
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Onagraceae

<i>Camissonia ovata</i>	Coast Sun Cup	Point Reyes, Kehoe Beach trail.
<i>Camissonia tanacetifolia</i>		Between Dorris and Weed. This name is not in TJM.
<i>Camissoniopsis cheiranthifolia</i>	Beach Evening Primrose	Dry Lagoon.
<i>Chamerion angustifolium</i>	Rosebay Willowherb	
<i>ssp.circumvagum</i>		
<i>Clarkia amoena</i>	Farewell-to-Spring	Lake Co., locally common.
<i>Clarkia arcuata</i>		Tehama Co. in the past.
<i>Clarkia concinna</i>	Lovely Clarkia	Mendocino Co., locally common.
<i>Clarkia gracilis</i>	Slender Clarkia	Tehama Wildlife Area.
<i>Clarkia modesta</i>	Diamond Clarkia	Tehama Co. in the past.
<i>Clarkia purpurea</i>	Winecup Clarkia	Mendocino Co.
<i>Clarkia rhomboidea</i>		Tehama Wildlife Area in the past.
<i>Clarkia rubicunda</i>		Lake Co. in the past.
<i>Clarkia unguiculata</i>	Elegant Clarkia	Lake Co., locally very common.
<i>Clarkia williamsonii</i>	Williamson's Clarkia	Tehama Wildlife area in the past.
<i>Epilobium ciliatum</i>		West of O'Brien.
<i>Epilobium densiflorum</i>		Wet meadow east of McCloud.
<i>Epilobium minutum</i>	Threadstem Fireweed	Scattered records..
<i>Epilobium</i> spp.		Other species recorded occasionally.
<i>Oenothera</i> sp.		A red flowered species by Whiskeytown Lake 2015. A yellow flowered species on roadsides.

Orobanchaceae

<i>Bellardia trixago</i>	Bellardia	Roadsides in Mendocino County, locally very common.
<i>Castilleja affinis</i>	Coast Paintbrush	Widespread. Very variable.
<i>Castilleja ambigua</i>	Johnny-Nip	Point Reyes in the past.
<i>Castilleja applegatei</i>	Applegate's Paintbrush	McCloud area.
<i>Castilleja attenuata</i>	Narrow-leaved Owl Clover	Near Covelo.
<i>Castilleja brevilobata</i>	Shortlobe Paintbrush	West of O'Brien.
<i>Castilleja campestris</i>	Field Owl Clover	Scattered records in the past.
<i>Castilleja chromosa</i>	Desert Indian Paintbrush	Highway 97 in the past.
<i>Castilleja densiflora</i>		Abbott's Lagoon.
<i>Castilleja exserta</i> ssp. <i>latifolia</i>	Purple Owl Clover	Point Reyes.
<i>Castilleja foliolosa</i>	Felt Paintbrush	Mendocino Co., very locally common along Highway 162.
<i>Castilleja martinii</i>	Martin's Paintbrush	West of O'Brien. This name is not in TJM.
<i>Castilleja mendocinensis</i>	Mendocino Coast Paintbrush	Mendocino coast.
<i>Castilleja rubicundula</i>	Cream Sacs	Near Covelo.
<i>ssp.lithospermoides</i>		
<i>Castilleja subinclusa</i>	Franciscan Paintbrush	Point Reyes, and Marin Headlands.
<i>ssp.franciscana</i>		
<i>Castilleja wightii</i>	Wight's Paintbrush	Point Reyes.
<i>Castilleja</i> spp.		Several other species were present but not positively identified.
<i>Orobanche uniflora</i>	Naked Broomrape	West of O'Brien, yellow, 2015.
<i>Parentucellia viscosa</i>		Locally abundant on roadsides.
<i>Pedicularis densiflora</i>	Indian Warrior	McCloud area.
<i>Triphysaria eriantha</i>	Butter and Eggs	Point Reyes.
<i>ssp.rosea</i>		
<i>Triphysaria pusilla</i>		Lake Earl, tiny!

Oxalidaceae

<i>Oxalis articulata</i> ssp. <i>rubra</i>		Lake Earl in the past.
<i>Oxalis corniculata</i>	Creeping Wood Sorrel	Point Reyes in the past.
<i>Oxalis oregana</i>	Redwood Sorrel	Redwood area.

<i>Oxalis pes-caprae</i>	Cape Sorrel	
<i>Oxalis pilosa</i>		Point Reyes in the past.
<i>Oxalis suksdorfii</i>	Suksdorf's Wood-sorrel	Recorded in the past.
Paeoniaceae		
<i>Paeonia brownii</i>	Western Paeony	Noted in leaf, Mendocino Co., in the past.
Papaveraceae		
<i>Dicentra formosa</i>	Bleeding Hearts	Point Reyes.
<i>Dicentra formosa</i> ssp. <i>oregana</i>		West of O'Brien. White flowers.
<i>Eschscholtzia californica</i>	California Poppy	Widespread and abundant.
<i>Eschscholtzia lobbii</i>	Lobb's Poppy	Recorded in the past.
<i>Fumaria capreolata</i>	Rampning Fumitory	Naturalised on San Francisco roadsides.
<i>Papaver rhoeas</i>	Corn Poppy	Roadsides in Napa Co.
<i>Platystemon californicus</i>	Cream Cups	Point Reyes lighthouse and Humboldt Bay.
Phrymaceae		
<i>Mimulus alsinoides</i>	Chickweed Monkey Flower	McCloud River Loop.
<i>Mimulus aurantiacus</i>	Orange Bush Monkey Flower	Locally common, e.g. Point Reyes and Marin Coast, and Mendocino Co.
<i>Mimulus bicolor</i>	Yellow & White Monkey Flower	Tehama Wildlife Area in the past.
<i>Mimulus dentatus</i>		Near Orick, 2 plants.
<i>Mimulus floribundus</i>		Friday Ridge Road in the past.
<i>Mimulus guttatus</i>	Seep-spring Monkey Flower	Widespread and locally common. Very variable.
<i>Mimulus kelloggii</i>		Near Paynes Creek in the past.
<i>Mimulus layneae</i>		Probably this species at Tehama Wildlife area in the past.
<i>Mimulus nanus</i>		McCloud River Loop and Vista Point.
<i>Mimulus primuloides</i>		Wet meadow east of McCloud.
Plantaginaceae		
<i>Collinsia grandiflora</i>	Giant Blue-eyed Mary	O'Brien area and Mendocino Co. in the past.
<i>Collinsia heterophylla</i>	Purple Chinese Houses	Locally very common along Highway 162, and in Oregon.
<i>Collinsia parviflora</i>	Maiden Blue-eyed Mary	Very common on roadsides between McCloud and Lassen. Also Mendocino Pass etc. Highway 162.
<i>Collinsia sparsiflora</i>	Spinsters Blue-eyed Mary	Highway 162.
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	Point Reyes Lighthouse.
<i>Digitalis purpurea</i>	Foxglove	Locally common along the coast.
<i>Linaria dalmatica</i>	Dalmatian Toadflax	Roadsides in Trinity County.
<i>Nuttallanthus texanus</i>	a toadflax	A few at Lake Earl. = <i>Linaria canadensis</i> .
<i>Penstemon azureus</i>	Azure Penstemon	O'Brien area.
<i>Penstemon deustus</i>	Hot Rock Penstemon	In flower at MacArthur-Burney Falls.
<i>Penstemon heterophyllus</i>	Foothill Penstemon	Highway 162 in fine flower.
<i>Penstemon laetus</i>		McCloud area in the past.
<i>Penstemon newberryi</i>		Wet meadow east of McCloud.
<i>Penstemon rydbergii</i>	Rydberg's Penstemon	
<i>Penstemon speciosus</i>	Showy Penstemon	
<i>Plantago coronopus</i>	Buck's-horn Plantain	Point Reyes.
<i>Plantago elongata</i>		Point Reyes.
<i>Plantago erecta</i>		Point Reyes.
<i>Plantago lanceolata</i>	Ribwort Plantain	Widespread and common.
<i>Plantago major</i>	Greater Plantain	Point Reyes.
<i>Plantago maritima</i>		Point Reyes.
<i>Plantago subnuda</i>		Point Reyes.
<i>Synthyris reniformis</i>	Snow Queen	1 plant in flower, Redwoods.
<i>Tonella tenella</i>		Common at MacArthur-Burney Falls.
<i>Veronica americana</i>	American Brooklime	Scattered records.
<i>Veronica arvensis</i>	Wall Speedwell	

Platanaceae

Platanus racemosa 'Western Sycamore' Scattered.

Plumbaginaceae

Armeria maritima ssp. *californica* Thrift Point Reyes and Sonoma coast, etc.
Limonium californicum Leaves at Inverness, Point Reyes, in the past.

Polemoniaceae

Allophyllum divaricatum Pink False Gilia Lake Earl, North Fork Smith River.
Collomia heterophylla Variable-leaf Collomia
Collomia linearis Narrow-leaf Mountain Trumpet Mendocino Co.
Gilia capitata Blue-headed Gilia Mendocino Co.
Gilia millefoliata Dark-eyed Gilia Lake Earl 2015.
Gilia tricolor Bird's-eye Gilia Tehama Co.
Ipomopsis aggregata Scarlet Gilia Near Lassen in the past.
Leptosiphon androsaceus False Baby Stars Tehama Co. in the past.
Leptosiphon bicolor True Baby Stars Highway 162.
Leptosiphon bolanderi Mendocino Pass.
Microsteris gracilis Slender Phlox McCloud area.
Navaretia intertexta Lots Hog Lake Plateau. Also Highway 162.
Navaretia pubescens Hog Lake Plateau.
Navaretia squarrosa Skunkweed Tehama Co. in the past.
Phlox diffusa Spreading Phlox Locally common at higher altitudes in McCloud and Willow Creek areas, and on Mendocino Pass.
Phlox speciosa Showy Phlox Common near O'Brien, and Mendocino Pass.

Polygalaceae

Polygala californica California Milkwort North Fork Smith River and Friday Ridge road.

Polygonaceae

Bistorta bistortoides Western Bistort Between McCloud and Lassen.
Eriogonum compositum Arrow-leaf Wild Buckwheat Highway 199, in the past.
Eriogonum latifolium Coast Buckwheat Coastal.
Eriogonum nudum Naked Eriogonum McCloud area.
Eriogonum umbellatum Sulphur Flower McCloud River loop etc.
Eriogonum vimineum Wicker Buckwheat Lake Co.
Eriogonum spp. Other species of this huge genus undoubtedly present.

Persicaria amphibia Water Smartweed
Persicaria hydropiperoides False Waterpepper Point Reyes in the past.
Persicaria lapathifolia Willow Weed Marin Co. in the past.
Polygonum aviculare Knotgrass Klamath Lakes in the past.

Polygonum paronychia Lake Earl.
Pterostegia drymarioides Granny's Hairnet Point Reyes in the past.
Rumex acetosella Sheep's Sorrel Widespread and locally common.
Rumex conglomeratus Clustered Dock Scattered.
Rumex crispus Curled Dock Widespread.
Rumex occidentalis Western Dock Point Reyes.
Rumex pulcher Fiddle Dock Point Reyes.
Rumex salicifolius Willow Dock Point Reyes in the past.

Primulaceae

Dodecathaon alpinum Alpine Shooting Star A fine addition to the list in 2015. In fine flower at Castle Lake. Not seen 2016.

Dodecathaon hendersonii Mosquito Bills Widespread and locally common. Mendocino and McCloud area.

Ranunculaceae

<i>Aconitum columbianum</i>	Monk's Hood	In leaf along Bald Hills Road in the past.
<i>Anemone deltoidea</i>		A few in flower in the Redwoods near Orick in the past.
<i>Anemone lyallii</i>	Western Wood Anemone	Horse Mountain botanical area 2016.
<i>Anemone oregana</i>		Castle Lake road.
<i>Aquilegia formosa</i>	Crimson Columbine	Redwoods, North Fork Smith River, etc.
<i>Delphinium californicum</i>	California Larkspur	
<i>Delphinium decorum</i> ssp. <i>tracyi</i>	Coast Delphinium	In flower at Mendocino Pass.
<i>Delphinium depauperatum</i>		Patrick's Creek.
<i>Delphinium menziesii</i> ?	Menzie's Delphinium	Redwoods? This name is not in the flora.
<i>Delphinium nudicaule</i>	Canon Delphinium	Locally common, e.g. Highway 162.
<i>Delphinium nuttallianum</i>	Bilobed Delphinium	Sagebrush in the past.
<i>Delphinium trolliifolium</i>	Cow Poison	Redwoods.
<i>Delphinium variegatum</i>	Royal Delphinium	Tehama Co.
<i>Delphinium</i> spp.		Other species of this large and difficult genus were undoubtedly present. A white flowered species in Lake Co. Klamath Lakes in the past.
<i>Myosurus minimus</i>	Mouse-tail	Wet meadow near McCloud.
<i>Ranunculus alismifolius</i>	Water Plantain Buttercup	Locally common, e.g. Point Reyes.
<i>Ranunculus californicus</i>	California Buttercup	Scattered records.
<i>Ranunculus muricatus</i>	Prickleseed Buttercup	Mendocino Co., and west of O'Brien.
<i>Ranunculus occidentalis</i>	Western Buttercup	Mendocino Co.
<i>Ranunculus orthorhynchus</i>	Birdfoot Buttercup	Point Reyes.
<i>Ranunculus repens</i>	Creeping Buttercup	Mendocino Co.
<i>Ranunculus uncinatus</i>		
<i>Thalictrum fendleri</i>	Fendler's Meadow Rue	

Rhamnaceae

<i>Ceanothus cordulatus</i>	Mountain Whitethorn	McCloud River Loop.
<i>Ceanothus cuneatus</i> ssp. <i>cuneatus</i>	Buck Brush	McCloud area.
<i>Ceanothus gloriosus</i>		Point Reyes.
<i>Ceanothus integerrimus</i>	Deer Brush	Near MacArthur-Burney Falls, Titlow Hill Road and Covelo area.
var. <i>macrothyrsus</i>		
<i>Ceanothus jepsonii</i>	Musk Brush	McCloud area.
<i>Ceanothus prostratus</i>	Mahala Mat	McCloud area.
<i>Ceanothus pumilus</i>	Siskiyou Mat	Highway 199 and Willow Creek area.
<i>Ceanothus thyrsiflorus</i>	Blue Brush	Widespread.
<i>Ceanothus velutinus</i>		Scattered records.
<i>Ceanothus</i> spp.		Other species not identified.
<i>Frangula californica</i>	California Coffeeberry	Lake Earl.
<i>Frangula purshiana</i>	Cascara	Lake Earl.

Rosaceae

<i>Adenostoma fasciculatum</i>	Chamise	Locally abundant.
<i>Amelanchier alnifolia</i>	Western Service Berry	Common and widespread.
var. <i>semiintegrifolia</i>		
<i>Aphanes occidentalis</i>	a parsley-piert	Locally very common, Point Reyes, Redwood visitor centre, etc.
<i>Cercocarpus betuloides</i>	Mountain Mahogany	Tehama Wildlife Area.
<i>Chamaebatia foliolosa</i>	Mountain Misery	MacArthur-Burney Falls.
<i>Crataegus gaylusaccia</i>	a hawthorn	Mt Shasta City.
<i>Drymocallis glandulosa</i>	Sticky Cinquefoil	McCloud River loop.
<i>Fragaria chiloensis</i>	Coast Strawberry	Common along the coast.
<i>Fragaria virginiana</i>	Mountain Strawberry	Scattered records.
<i>Heteromeles arbutifolia</i>	Toyon	Scattered records.
<i>Holodiscus discolor</i>	Ocean Spray	Widespread.
<i>Horkelia tridentata</i>		McCloud, common in flower.
<i>Malus fusca</i>	Oregon Crab Apple	Lake Earl.
<i>Oemleria cerasiformis</i>		Higher part of Highway 162.

<i>Potentilla anserina</i> ssp. <i>pacifica</i>	Pacific Silverweed	Point Reyes etc. Lake Earl. This name is not in TJM.
<i>Potentilla egedii</i>		
<i>Potentilla gracilis</i>	Fivefinger Cinquefoil	
<i>Potentilla millefolia</i>	Feather Cinquefoil	Wet meadow east of McCloud.
<i>Prunus cerasifera</i>	Cherry Plum	Point Reyes, purple leaves.
<i>Prunus emarginata</i>	Bitter Cherry	Lake Earl.
<i>Prunus subcordata</i>	Pacific Plum	McCloud, locally common.
<i>Prunus virginiana</i> var. <i>demissa</i>	Western Choke Cherry	Covelo, McCloud etc. Locally very common.
<i>Purshia tridentata</i>	Antelope Brush	Widespread and locally very common.
<i>Rosa gymnocarpa</i>	Wood Rose	Scattered records.
<i>Rosa pisocarpa</i>	Clustered Wild Rose	Possibly this at Lake Earl.
<i>Rosa</i> spp.		Other species not identified.
<i>Rubus armeniacus</i>	Himalayan Blackberry	Point Reyes.
<i>Rubus parviflorus</i>	Thimbleberry	Widespread and common.
<i>Rubus spectabilis</i>	Salmon-berry	Point Reyes, Lake Earl and Redwoods area.
<i>Rubus ursinus</i>	California Blackberry	Point Reyes.
<i>Spiraea douglasii</i>		Recorded.

Rubiaceae

<i>Galium ambiguum</i> siskiyouense		Oregon.
<i>Galium aparine</i>	Cleavers	Widespread.
<i>Galium bolanderi</i>	Bolander's Bedstraw	Near Siskiyou Lake in the past.
<i>Galium californicum</i>	California Bedstraw	Marin Coast.
<i>Galium</i> spp.		Several others seen.
<i>Sherardia arvensis</i>	Field Madder	Point Reyes.

Salicaceae

<i>Populus alba</i>	White Poplar	
<i>Populus fremontii</i>	Fremont Cottonwood	Scattered records, e.g. Highway 162.
<i>Populus tremuloides</i>	Quaking Aspen	McCloud area.
<i>Populus trichocarpa</i>	Black Cottonwood	Lake Earl.
<i>Salix exigua</i>	Narrow-leaved Willow	Point Reyes.
<i>Salix hookeriana</i>	Hooker Willow	Lake Earl.
<i>Salix lasiandra</i>	Shining Willow	Point Reyes.
<i>Salix lasiolepis</i>	Arroyo Willow	Common.
<i>Salix prolixa</i>	Mackenzie's Willow	McCloud river loop.
<i>Salix sitchensis</i>	Sitka Willow	Lake Earl.
<i>Salix</i> spp.		Other species unidentified.

Sapindaceae

<i>Acer circinnatum</i>	Vine Maple	Coastal in Redwoods area.
<i>Acer glabrum</i>	Mountain Maple	Mendocino Co.
<i>Acer macrophyllum</i>	Big-leaf Maple	Widespread.
<i>Acer negundo</i>	Box Elder	Cache Creek.
<i>Aesculus californica</i>	California Buckeye	Widespread and common.

Sarcobataceae

<i>Sarcobatus vermiculatus</i>		Sagebrush in the past.
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Sarraceniaceae

<i>Darlingtonia californica</i>	California Pitcher Plant	A superb flowering colony at the botanical walk on Highway 199. Also in Oregon and North Fork Smith River.
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Saxifragaceae

<i>Darmera peltata</i>	Umbrella Plant	Many flowers in McCloud River.
<i>Heuchera micrantha</i>	Crevice Heuchera	McCloud River Loop, Marin Co., Willow Creek, Highway 199, west of Willits, and coast.

<i>Lithophragma affine</i>	Woodland Star	McCloud.
<i>Lithophragma parviflorum</i>		Wet meadow near McCloud.
<i>Micranthes californica</i>		Near Willow Creek in the past.
<i>Micranthes oregana</i>		Wet meadow near McCloud.
<i>Saxifraga mertensiana</i>		Highway 199 in the past.
<i>Tellima grandiflora</i>	Fringe Cups	Marin Co. and west of Willits.
<i>Tiarella unifoliata</i>	Single Sugar Scoop	Redwoods.
<i>Tolmiea diplomenziesii</i>	Bristle Flower	Scattered records in the past.
Scrophulariaceae		
<i>Scrophularia californica</i>	California Figwort	Locally very common.
<i>Verbascum blattaria</i>	Moth Mullein	Redwood Highway.
<i>Verbascum thapsus</i>	Aaron's Rod	Roadsides in Lake Co. and Napa Co. and McCloud area (rosettes).
Simaroubaceae		
<i>Ailanthus altissima</i>	Tree of Heaven	Scattered records.
Solanaceae		
<i>Solanum americanum</i>		Point Reyes
<i>Solanum parishii</i>		Tehama Co. in the past.
<i>Solanum xanti</i>		Trinidad in the past.
Tropaeolaceae		
<i>Tropaeolum majus</i>	Garden Nasturtium	Naturalised on roadsides.
Urticaceae		
<i>Urtica dioica</i>	Stinging Nettle	Scattered records.
ssp. <i>gracilis</i> and <i>holosericea</i>		
Valerianaceae		
<i>Centranthus ruber</i>	Red Valerian	Roadsides, locally numerous.
<i>Plectritis congesta</i>	Sea Blush	McCloud area, and Highway 162, locally very common.
ssp. <i>brachystemon</i> and <i>congesta</i>		
<i>Plectritis</i> sp.		Others probably present.
<i>Valeriana sitchensis</i> ssp. <i>scouleri</i>		Redwoods area, local.
<i>Valerianella locusta</i>		Mt. Shasta 2015.
Verbenaceae		
<i>Verbena lasiostachys</i>		Highway 162 in the past.
Violaceae		
<i>Viola adunca</i>	Western Dog Violet	Scattered records.
<i>Viola bakeri</i>	Baker's Violet	McCloud area 2015.
<i>Viola cuneata</i>	Wedge-leaved Violet	Botanical Walk on Highway 199 and O'Brien area.
<i>Viola glabella</i>	Smooth Yellow Violet	Salt Point State Park and Mendocino Botanic Garden.
<i>Viola hallii</i>	Hall's Violet	O'Brien area in the past.
<i>Viola lobata</i>	Pine Violet	Near O'Brien and McCloud area.
ssp. <i>integrifolia</i>		
<i>Viola ocellata</i>	Two-eyed Violet	Castle Crags 2015.
<i>Viola purpurea</i>	Mountain Violet	Willow Creek area in the past.
<i>Viola sempervirens</i>	Redwood Violet	Mendocino Pass etc.
<i>Viola sheltonii</i>	Shelton's Violet	Lake Earl.
		McCloud area and Mendocino Co.
Viscaceae		
<i>Phoradendron serotinum</i>	Bigleaf Mistletoe	On woody dicots other than <i>Quercus</i> .
ssp. <i>macrophyllum</i>		

Phoradendron serotinum Oak Mistletoe On *Quercus* spp. Common in Mendocino Co.
ssp.tomentosum

Vitaceae

Vitis californica California Wild Grape

Zygophyllaceae

Tribulus terrestris Maltese Cross Hog Lake Plateau.

Monocots

Agavaceae

Camassia leichtlinii ssp.*suksdorfii*

Abundant in one meadow near Willits. Also a few Salt Point SP. East of McCloud.

Camassia quamash ssp.*breviflora*

In bud west of O'Brien.

Chlorogalum angustifolium

In leaf in various places, in flower Point Reyes.

Chlorogalum pomeridianum

Common along Highway 199 and in southern Oregon in the past.

Hastingsia alba

Alismataceae

Alisma triviale

Olema Marsh.

Damasonium californicum

In fine flower at Hog Lake Plateau 2015.

Alliaceae

Allium acuminatum

Willow Creek area in the past.

Allium amplexans

Covelo.

Allium falcifolium

Mendocino Pass in leaf.

Allium platycaule

In fine flower west of O'Brien.

Allium sanbornii var.*sanbornii*

Sanborn's Onion

Tehama Co. in the past.

Allium triquetrum

Naturalised at Point Reyes.

Araceae

Lemna minor

Common Duckweed

Scattered.

Lysichiton americanus

Yellow Skunk Cabbage

Abundant at Lake Earl. Local elsewhere.

Zantedeschia aethiopica

Calla Lily

Point Reyes and Marin Coast.

Cyperaceae

'Flora of North America' Volume 23, Flora of North America Editorial Committee, is a superb treatment of the Cyperaceae. Many more species await identification on future tours!

Bolboschoenus maritimus ssp.*paludosus*

Point Reyes.

Bolboschoenus robustus

Marin County etc.

Carex stipata

Carex vulpinoidea

Carex vallicola

Carex disperma

Carex pansa

Coastal dunes.

Carex praeegracilis

Carex brunnescens

Carex laeviculmis

O'Brien area.

Carex leptopoda

Carex bolanderi

Carex interior

Carex echinata

Carex arthrochacha

Carex microptera

Carex scoparia

<i>Carex lyngbyei</i>		Coastal salt marshes.
<i>Carex obnupta</i>		Lake Earl.
<i>Carex nebrascensis</i>		
<i>Carex lenticularis</i>		
<i>Carex aquatilis</i>		
<i>Carex scopulorum</i>		
<i>Carex pellita</i>		
<i>Carex atherodes</i>		
<i>Carex utriculata</i>		
<i>Carex viridula</i>		
<i>Carex rossii</i>		
<i>Carex inops</i>		
<i>Carex leptalea</i>		
<i>Carex filifolia</i>		
<i>Carex densa</i>		
<i>Eleocharis macrostachya</i>	a spikerush	Scattered in marshes.
<i>Isolepis cernua</i>		
<i>Schoenoplectus</i> sp.		Point Reyes.
<i>Scirpus microcarpus</i>		Scattered records.
Iridaceae		
<i>Iris bracteata</i>	Siskiyou Iris	Along Highway 199, and near O'Brien in Oregon. Very locally common.
<i>Iris douglasiana</i>	Douglas Iris	Very common along the coast, locally abundant.
<i>Iris fernaldii</i>	Fernald's Iris	Highway 162.
<i>Iris purdyi</i>		Roadsides in Humboldt Co. A few in fine flower.
<i>Iris tenax</i>	Tough-leaf Iris	North Fork Smith River, very locally common.
<i>Iris tenuissima</i>	Long-tubed Iris	Common and widespread from Mendocino County north.
<i>Romulea rosea</i> var. <i>australis</i>		Naturalised at Mt. Vision, Point Reyes.
<i>Sisyrinchium bellum</i>	California Blue-eyed Grass	Locally very common.
<i>Sisyrinchium californicum</i>	California Golden-eyed Grass	Point Reyes, very local, Abbott's Lagoon.
<i>Sisyrinchium idahoense</i>	a blue-eyed Grass	Wet meadow east of McCloud, where common.
<i>Watsonia meriana</i>		Naturalised along the coast.
Juncaceae		
<i>Juncus acuminatus</i>	Tapered Rush	Arcata in the past.
<i>Juncus bufonius</i>	Toad Rush	Highway 162 and Lake Earl.
<i>Juncus effusus</i>	Soft Rush	Point Reyes.
<i>Juncus occidentalis</i>	Western Rush	Point Reyes.
<i>Juncus phaeocephalus</i>		Point Reyes.
<i>Juncus tenuis</i>		Point Reyes.
<i>Luzula comosa</i>	a wood rush	Point Reyes.
<i>Luzula parviflora</i>	a wood rush	This species Redwoods?
Juncaginaceae		
<i>Triglochin maritima</i>	Sea Arrow-grass	Inverness, Point Reyes, in the past.
Liliaceae		
<i>Calochortus amabilis</i>	Golden Fairy Lantern	Very common along Highway 162. A fine show. Also in Humboldt Co. and Lake Co. Oregon, where common. Botanical area on Highway 199.
<i>Calochortus coeruleus</i>	Beavertail-grass	North Fork Smith River.
<i>Calochortus elegans</i>	Elegant Cat's-ear	Colusa County, Lake County, and Napa County. Extremely numerous this year.
<i>Calochortus luteus</i>	Gold Nuggets	Several in Tehama Co. in fine flower.
<i>Calochortus monophyllus</i>	Yellow Star-Tulip	Lake County roadside (from car!).
<i>Calochortus splendens</i>		In fine flower in Tehama Wildlife
<i>Calochortus superbus</i>	Superb Mariposa Lily	

<i>Calochortus tolmiei</i>	Pussy Ears	Area. Also Hog Lake Plateau.
<i>Calochortus vestae</i>		Locally common in Mendocino Co.
<i>Clintonia andrewsiana</i>		Napa County (from the vehicle!).
		In superb flower at two sites in the Redwoods.
<i>Erythronium californicum</i>	California Fawn Lily	In leaf at Mendocino Pass and numerous in flower at Horse Mountain Botanical area.
<i>Erythronium citrinum</i>	Lemon Fawn Lily	Near O'Brien in the past.
<i>Erythronium klamathense</i>	Klamath Fawn Lily	Possibly this near Mt. Shasta.
<i>Erythronium oregonum</i>	Oregon Fawn Lily	West of O'Brien in leaf.
<i>Erythronium purpurascens</i>	Plainleaf Fawn Lily	McCloud area.
<i>Fritillaria affinis</i>	Mission Bells	Lake Earl, several fine flowers. Also 1 along Highway 162.
<i>Fritillaria atropurpurea</i>		Over in McCloud area.
<i>Fritillaria glauca</i>	Siskiyou Fritillaria	In seed near O'Brien in the past.
<i>Fritillaria purdyi</i>	Purdy's Fritillary	In bud on Mendocino Pass. In fine flower there in 2015.
<i>Fritillaria recurva</i>	Scarlet Fritillary	Many fine flowers on Mendocino Pass. Also Lassen area.
<i>Lilium maritimum</i>	Coast Lily	In fine flower at Salt Point State Park.
<i>Lilium pardalinum</i>		In leaf.
<i>Lilium</i> spp.		Possibly other species in leaf too.
<i>Prosartes hookeri</i>	Hooker's Fairybell	MacArthur-Burney Falls.
<i>Prosartes smithii</i>	Smith's Fairybell	Scattered records, e.g. Point Reyes, Redwoods.
<i>Scoliopus bigelovii</i>		In leaf and fruit Humboldt Redwoods.

Melanthiaceae

<i>Pseudotrillium rivale</i>	Brook Wakerobin	Botanical area on Highway 199, over.
<i>Toxicoscordion fremontii</i>	Fremont's Camas	Sonoma Coast.
<i>Toxicoscordion micranthum</i>		Near Covelo.
<i>Toxicoscordion paniculatum</i>		West of O'Brien.
<i>Toxicoscordion venenosum</i>	Death Camas	McCloud area in the past.
var. <i>venosum</i>		
<i>Trillium chloropetalum</i>	Giant Trillium	Mendocino County, several in flower.
<i>Trillium ovatum</i>	Western Trillium	Redwoods.
<i>Veratrum californicum</i>	California False Helleborine	In leaf.
<i>Xerophyllum tenax</i>	Bear Grass	In flower in southern Oregon 2015.

Orchidaceae

<i>Calypso bulbosa</i> var. <i>occidentalis</i>	Calypso	Not seen at Lake Earl this year, but several in fine flower Horse Mountain botanical area.
<i>Corallorhiza maculata</i>	Spotted Coralroot	A few at Lake Earl, 1 MacArthur-Burney Falls.
<i>Corallorhiza striata</i>	Striped Coralroot	Mendocino Pass in the past.
<i>Cypripedium californicum</i>	California Lady's Slipper	Some fine flowers at botanical walk on Highway 199. Fewer than usual this year.
<i>Epipactis gigantea</i>	Stream Orchid	In leaf near Willow Creek in the past.
<i>Goodyera oblongifolia</i>	Rattlesnake Orchid	Several in leaf at Lake Earl.
<i>Listera cordata</i>	Heartleaf Twayblade	1 at Lake Earl.
<i>Piperia transversa</i>	Flat Spurred Piperia	Tehama Wildlife Area in the past.
<i>Platanthera hyperborea</i>		Robust, green flowers. Oregon.
		However this species does not occur in California, and this is not the correct name for these plants. 2015.
<i>Platanthera sparsiflora</i>	Sparse-flowered Bog Orchid	3 at one site on Highway 162.

Poaceae

<i>Aegilops triuncialis</i>	Barbed Goatgrass
<i>Agrostis</i> spp.	

<i>Aira caryophylla</i>	Silver Hair-grass	Point Reyes etc.
<i>Aira praecox</i>	Early Hair-grass	Redwood Visitor centre.
<i>Alopecurus pratensis</i>	Meadow Foxtail	Point Reyes.
<i>Ammophila arenaria</i>	Marram Grass	Along the coast.
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass	Scattered.
<i>Avena barbata</i>		
<i>Avena fatua</i>	Wild Oat	Scattered.
<i>Avena sativa</i>		
<i>Briza maxima</i>	Great Quaking Grass	Abundant at Point Reyes.
<i>Briza minor</i>	Lesser Quaking Grass	Point Reyes etc.
<i>Bromus carinatus</i>	California Brome	Point Reyes.
<i>Bromus diandrus</i>	Great Brome	Point Reyes etc., abundant
<i>Bromus hordeaceus</i>	Soft Brome	
<i>Bromus madritensis</i>	Compact Brome	Point Reyes, very common.
<i>Cortaderia jubata</i>	Purple Pampas Grass	Marin Co.
<i>Cynodon dactylon</i>	Bermuda Grass	
<i>Cynosurus echinatus</i>	Hedgehog Dogtail	Marin headlands.
<i>Dactylis glomerata</i>	Cock's-foot	Widespread.
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	Point Reyes.
<i>Festuca arundinacea</i>	Tall Fescue	Point Reyes.
<i>Festuca bromoides</i>	Brome Fescue	Point Reyes etc. (<i>Vulpia bromoides</i>).
<i>Holcus lanatus</i>	Yorkshire Fog	Scattered.
<i>Hordeum brachyantherum</i>	California Barley	Point Reyes.
<i>ssp.californicum</i>		
<i>Hordeum murinum</i>	Wall Barley	Point Reyes.
<i>Lolium multiflorum</i>	Italian Rye-grass	Point Reyes.
<i>Lolium perenne</i>	Perennial Rye-grass	Point Reyes.
N.B. <i>Lolium</i> is included in <i>Festuca</i>	in the flora.	
<i>Melica</i> sp.	a melic	Point Reyes.
<i>Parapholis incurva</i>		
<i>Phalaris californica</i>	California Canary Grass	
<i>Phleum pratense</i>	Timothy	
<i>Phragmites australis</i>	Common Reed	Locally dominant.
<i>Poa annua</i>	Annual Meadow-grass	Widespread.
<i>Poa bulbosa</i> ssp.vivipara	Bulbous Meadow-grass	Locally very common.
<i>Poa trivialis</i>	Rough Meadow-grass	Scattered.

Very many other grasses were present but not identified. Something for future visits!

Ruscaceae

<i>Maianthemum dilatatum</i>	False Lily-of-the-Valley	Wild at Mendocino botanic garden, and Lake Earl.
<i>Maianthemum racemosum</i>	Branched Solomon's Seal	Widespread.

Smilacaceae

<i>Smilax californica</i>		McCloud.
<i>Smilax jamesii</i>		MacArthur-Burney Falls.

Tecophilaeaceae

<i>Odontostomum hartwegii</i>	Hartweg's Odontostomum	A few in flower at Hog Lake Plateau.
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Themidaceae

<i>Brodiaea coronaria</i>	Harvest Brodiaea	Many at Hog Lake Plateau 2016.
<i>Brodiaea elegans</i>	Elegant Brodiaea	Tehama Co.
<i>Brodiaea stellaris</i>	Star Brodiaea	Mendocino Pass, 2 in flower.
<i>Brodiaea terrestris</i>	Earth Brodiaea	Sonoma rest stop.
<i>Dichelostemma capitatum</i>	Blue Dicks	Scattered records.
<i>Dichelostemma congestum</i>	Forktooth Ookow	Locally very common, as in Mendocino Co.
<i>Dichelostemma ida-maia</i>	Firecracker Flower	Fine in Humboldt Redwoods, and Willow Creek area.
<i>Dichelostemma multiflorum</i>	Roundtooth Ookow	Tehama Co.

<i>Dichelostemma volubile</i>	Twining Snake Lily	Lake County in the past.
<i>Triteleia bridgesii</i>		Tehama County, locally common.
<i>Triteleia hyacinthina</i>	White Brodiaea	Willow Creek area, Mt. Shasta area, Highway 162.
<i>Triteleia ixioides</i> ssp. <i>anilina</i>	Pretty Face	McCloud, several in bud, 1 in flower.
<i>Triteleia laxa</i>	Ithuriel's Spear	Widespread and locally very common.
<i>Triteleia peduncularis</i>	Long-rayed Brodiaea	Lake County.
Typhaceae		
<i>Typha angustifolia</i>	Narrow-leaved Bulrush	Highway 162 etc.
<i>Typha latifolia</i>	Bulrush	Locally dominant.
Zosteraceae		
<i>Zostera marina</i>	Eel-grass	Point Reyes in the past.

Systematic List Number 2 Butterflies

‘California Butterflies’ by Garth and Tilden is a useful comprehensive guide to the state’s butterflies. The nomenclature followed here is for the most part that of Scott in ‘The Butterflies of North America’, published by Stanford University Press, 1986.

Papilionidae

Anise Swallowtail	<i>Papilio zelicaon</i>	Scattered records.
Indra Swallowtail	<i>Papilio indra</i>	Redwoods and Oregon
Western Tiger Swallowtail	<i>Papilio rutulus</i>	A few records.
Pale Swallowtail	<i>Papilio eurymedon</i>	Widespread and rather common.

Pieridae

Green-veined White	<i>Artogeia napi</i>	Scattered records.
Small White	<i>Artogeia rapae</i>	Recorded.
Orange Sulphur	<i>Colias eurytheme</i>	Klamath Lakes.
A sulphur	<i>Colias</i> sp.	

Lycaenidae

Purplish Copper	<i>Lycaena helloides</i>	Lake Earl.
Nelson’s Hairstreak	<i>Callophrys nelsoni</i>	Friday Ridge Road.
Brown Elfin	<i>Callophrys augustinus</i>	Oregon, etc.
Western Pine Elfin	<i>Callophrys eryphon</i>	At the Snow Plant stop.
Spring Azure	<i>Celastrina ladon</i>	Scattered records.
Silvery Blue	<i>Glaucopsyche lygdamus</i>	Titlow Hill Road etc.
Greenish Blue	<i>Plebejus saepiolus</i>	Near McCloud.
Boisduval’s Blue	<i>Icaricia icarioides</i>	Lake Earl.
Acmon Blue	<i>Icaricia acmon</i>	Mendocino County.

Nymphalidae

Pacific Fritillary	<i>Boloria epithore</i>	Titlow Hill Road.
Northern Chequerspot	<i>Chlosyne palla</i>	Tehama Wildlife Area.
Field Crescent	<i>Phyciodes pratensis</i>	
Mylitta Crescent	<i>Phyciodes mylitta</i>	
Variable Chequerspot	<i>Euphydryas chalcedona</i>	Scattered records.
Edith’s Checkerspot	<i>Euphydryas editha</i>	Oregon etc.
Hoary Angle-wing	<i>Polygonia gracilis</i>	Friday Ridge Road.
Red Admiral	<i>Vanessa atalanta</i>	Scattered records.
Painted Lady	<i>Vanessa cardui</i>	McCloud River Loop.
West Coast Lady	<i>Vanessa annabella</i>	A few records.
Common Buckeye	<i>Junonia coenia</i>	McCloud River Loop.
Lorquin’s Admiral	<i>Limenitis lorquini</i>	Point Reyes.
California Sister	<i>Adelpha bredowii</i>	Mt.Shasta area.

Satyridae

California Ringlet	<i>Coenonympha tullia</i> <i>ssp.california</i>	Widespread and locally common. a.k.a. Large Heath.
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Danaidae

Monarch	<i>Danaus plexippus</i>	San Francisco.
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Hesperiidae

Propertius Duskywing	<i>Erynnis propertius</i>	Scattered records.
Pacuvius Duskywing	<i>Erynnis pacuvius</i>	Scattered records.
Arctic Skipper	<i>Carterocephalus palaemon</i>	Oregon (Chequered Skipper).
Fiery Skipper	<i>Hylephila phyleus</i>	

Systematic List Number 3

Amphibians and Reptiles

The nomenclature is taken from 'A Field Guide to Western Amphibians and Reptiles' by Robert C. Stebbins, and 'Reptiles of the Northwest' by Alan St. John. Species not annotated have been seen in the past but were not seen this year.

Pacific Giant Salamander	<i>Dicamptodon ensatus</i>	
Oregon Salamander	<i>Ensatina eschscholtzi</i> ssp. <i>oregonensis</i>	
California Slender Salamander	<i>Batrachoseps attenuatus</i>	
Climbing Salamander sp.	<i>Aneides</i> sp.	
Rough-skinned Newt	<i>Taricha granulosa</i>	
Pacific Treefrog	<i>Hyla regilla</i>	Lake Earl.
Foothill Yellow-legged Frog	<i>Rana boylei</i>	
Red-legged Frog	<i>Rana aurora</i>	
Western Pond Terrapin	<i>Clemmys marmorata</i>	
Western Fence Lizard	<i>Sceloporus occidentalis</i>	Scattered records.
Sagebrush Lizard	<i>Sceloporus graciosus</i>	McCloud area, Highway 199 and Oregon.
Western Yellow-bellied Racer	<i>Coluber constrictor</i> ssp. <i>mormon</i>	
Gopher Snake	<i>Pituophis catanifer</i>	
Western Terrestrial Garter Snake	<i>Thamnophis elegans</i> ssp. <i>terrestris</i> ssp. <i>elegans</i>	
Common Garter Snake	<i>Thamnophis sirtalis</i>	
Northwestern Garter Snake	<i>Thamnophis ordinoides</i>	

Systematic List Number 4

Mammals

Annotated species were seen this year. Species without annotation have been seen in the past.

Virginia Opossum	<i>Didelphis virginiana</i>	Roadkills seen occasionally.
Broad-footed Mole	<i>Scapanus latimanus</i>	Hills at Point Reyes etc.
Brush Rabbit	<i>Sylvilagus bachmani</i>	A few at Point Reyes, 1 Redwoods Visitor Centre.
Black-tailed Jack Rabbit	<i>Lepus californicus</i>	Near Covelo.
Least Chipmunk	<i>Eutamias minimus</i>	McCloud area and Lassen.
Yellow-pine Chipmunk	<i>Eutamias amoenus</i>	McCloud area.
Sonoma Chipmunk	<i>Eutamias sonomae</i>	Mendocino Pass.
Yellow-bellied Marmot	<i>Marmota flaviventris</i>	Tule Lake.
Belding's Ground Squirrel	<i>Citellus beldingi</i>	Lower Klamath Lake.
California Ground Squirrel	<i>Citellus beecheyi</i>	Widespread and common.
Golden-mantled Ground Squirrel	<i>Citellus lateralis</i>	Mendocino, McCloud River Loop, Lassen, etc.
Western Gray Squirrel	<i>Sciurus griseus</i>	Widespread in small numbers.
Douglas Squirrel	<i>Tamiasciurus douglasi</i>	McCloud River loop.
Botta's Pocket Gopher	<i>Thomomys bottae</i>	1 seen superbly at Point Reyes, gathering food from it's burrow. Sign widespread.
Coyote	<i>Canis latrans</i>	1 at Point Reyes. 1 at Lower Klamath Lake.
Gray Fox	<i>Urocyon cinereoargenteus</i>	Point Reyes and Covelo.
Striped Skunk	<i>Mephitis mephitis</i>	Various road casualties.
Harbour Seal	<i>Phoca vitulina</i>	Bolinas Lagoon , Sonoma Coast and Klamath area.
Northern Elephant Seal	<i>Mirounga angustirostris</i>	Many at Chimney Rock, Point Reyes.
Wild Boar	<i>Sus scrofa</i>	Rooting activity in McCloud area.
Elk	<i>Cervus canadensis</i>	Many locally in the Redwoods (Roosevelt Elk), and at Point Reyes (Tule Elk).
Mule Deer	<i>Odocoileus hemionis</i>	Widespread and reasonably common.
Pronghorn	<i>Antilocapra americana</i>	3 near Dorris.
Gray Whale	<i>Eschrichtius gibbosus</i>	2015: Various sightings along the coast, 6 from the Lighthouse at Point Reyes. 2016: none seen.

Systematic List Number 5 Birds

Pacific Loon	<i>Gavia pacifica</i>	At sea from Point Reyes.
Red-throated Loon	<i>Gavia stellata</i>	Lake Earl.
Clark's Grebe	<i>Aechmophorus clarkii</i>	A few at Tule Lake.
Western Grebe	<i>Aechmophorus occidentalis</i>	Many at Klamath Lakes, also Lake Earl.
Black-necked Grebe	<i>Podiceps nigricollis</i>	Many at Lake Earl.
American White Pelican	<i>Pelecanus erythrorhynchos</i>	18 over Tomales Bay SP, and several at Klamath Lakes.
Brown Pelican	<i>Pelecanus occidentalis</i>	A few at Point Reyes, and further north along the coast.
Pelagic Cormorant	<i>Phalacrocorax pelagicus</i>	Local along the coast.
Brandt's Cormorant	<i>Phalacrocorax penicillatus</i>	Coastal.
Double-crested Cormorant	<i>Phalacrocorax auritus</i>	Widespread.
Night Heron	<i>Nycticorax nycticorax</i>	c.5 at Klamath Lakes.
Snowy Egret	<i>Egretta thula</i>	Scattered records.
Great Egret	<i>Ardea alba</i>	Widespread.
Great Blue Heron	<i>Ardea herodias</i>	Requa.
White-faced Ibis	<i>Plegadis chihi</i>	Several at Klamath Lakes.
Canada Goose	<i>Branta canadensis</i>	Widespread.
Mallard	<i>Anas platyrhynchos</i>	Scattered records.
Gadwall	<i>Anas strepera</i>	Point Reyes, and common at Klamath Lakes.
American Wigeon	<i>Anas americana</i>	Point Reyes and Klamath Lakes.
Shoveler	<i>Anas clypeata</i>	Klamath Lakes.
Pintail	<i>Anas acuta</i>	Klamath Lakes.
Cinnamon Teal	<i>Anas cyanoptera</i>	Several at Klamath Lakes.
Ruddy Duck	<i>Oxyura jamaicensis</i>	A pair at Klamath Lakes.
Canvasback	<i>Aythya valisneria</i>	Several at Klamath Lakes.
Redhead	<i>Aythya americana</i>	Common at Klamath Lakes.
Lesser Scaup	<i>Aythya affinis</i>	Klamath Lakes.
Black Scoter	<i>Melanitta nigra</i>	Point Reyes.
Surf Scoter	<i>Melanitta perspicillata</i>	Locally numerous along the coast.
Bufflehead	<i>Bucephala albeola</i>	c.6 at Klamath Lakes.
Goosander	<i>Mergus merganser</i>	Requa.
Red-breasted Merganser	<i>Mergus serrator</i>	A female at Point Reyes.
Turkey Vulture	<i>Cathartes aura</i>	Very common and widespread.
Osprey	<i>Pandion haliaetus</i>	Scattered records.
Hen Harrier	<i>Circus cyaneus</i>	Humboldt Bay and Klamath lakes.
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Only at Requa this year.
Golden Eagle	<i>Aquila chrysaetos</i>	Mendocino Pass and an immature at Lower Klamath Lake.
Red-tailed Hawk	<i>Buteo jamaicensis</i>	Common and widespread.
American Kestrel	<i>Falco sparverius</i>	A few records.
Pheasant	<i>Phasianus colchicus</i>	Klamath Lakes.
Ruffed Grouse	<i>Bonasa umbellus</i>	A rufous phase bird watched very closely at Botanical Area on Highway 199.
Blue Grouse	<i>Dendragapus obscurus</i>	Between Dorris and Weed? (DW).
California Quail	<i>Callipepla californica</i>	Widespread and common.
Mountain Quail	<i>Oreortyx pictus</i>	Mendocino Pass and Day 9.
American Coot	<i>Fulica americana</i>	Numerous at Klamath Lakes.
Wild Turkey	<i>Meleagris gallopavo</i>	Mendocino Co.
Killdeer	<i>Charadrius vociferus</i>	Klamath Lakes.
Black Oystercatcher	<i>Haematopus bachmani</i>	A few along the coast.
American Avocet	<i>Recurvirostra americana</i>	Several at Klamath Lakes.
Black-necked Stilt	<i>Himantopus mexicanus</i>	Klamath Lakes.
Sanderling	<i>Calidris alba</i>	Many on Point Reyes beaches.
Spotted Sandpiper	<i>Actitis macularia</i>	Klamath Lakes.
Whimbrel	<i>Numenius phaeopus</i>	Bolinas Lagoon.
Marbled Godwit	<i>Limosa fedoa</i>	c.10 at Point Reyes.
Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>	Lower Klamath Lake.

Wilson's Phalarope	<i>Phalaropus tricolor</i>	Lower Klamath Lake.
Bonaparte's Gull	<i>Larus philadelphia</i>	Klamath Lakes.
Mew Gull	<i>Larus canus</i>	Scattered records.
Ring-billed Gull	<i>Larus delawarensis</i>	Scattered records.
Herring Gull	<i>Larus argentatus</i>	Scattered records.
California Gull	<i>Larus californicus</i>	Scattered records.
Western Gull	<i>Larus occidentalis</i>	Very common along the coast.
Caspian Tern	<i>Sterna caspia</i>	Seen on 4 days.
Forster's Tern	<i>Sterna forsteri</i>	Common at Klamath Lakes.
Black Tern	<i>Chlidonias niger</i>	Lower Klamath Lake.
Common Murre	<i>Uria aalge</i>	Locally abundant along the coast.
Pigeon Guillemot	<i>Cephus columba</i>	Widespread in small numbers along the coast.
Band-tailed Pigeon	<i>Columba fasciata</i>	Scattered records, mostly Point Reyes.
Rock Dove	<i>Columba livia</i>	Scattered records.
Mourning Dove	<i>Zenaida macroura</i>	Widespread and common.
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	Scattered records, including Point Reyes.
Black Swift	<i>Cypseloides niger</i>	MacArthur-Burney Falls.
Vaux's Swift	<i>Chaetura vauxi</i>	A few records.
Black-chinned Hummingbird	<i>Archilochus alexandri</i>	A few records.
Anna's Hummingbird	<i>Calypte anna</i>	Much in evidence at Point Reyes. Also in the Redwoods.
Allen's Hummingbird	<i>Selasphorus sasin</i>	Scattered records.
Acorn Woodpecker	<i>Melanerpes formicivorus</i>	Scattered records.
Lewis's Woodpecker	<i>Melanerpes lewis</i>	McCloud.
Northern Flicker	<i>Colaptes auratus</i>	Scattered records.
Hairy Woodpecker	<i>Picooides villosus</i>	Point Reyes and Del Norte Co.
Pileated Woodpecker	<i>Dryocopus pileatus</i>	McCloud area.
Olive-sided Flycatcher	<i>Contopus borealis</i>	Heard often.
Willow Flycatcher	<i>Empidonax traillii</i>	Tule Lake.
Pacific-slope Flycatcher	<i>Empidonax difficilis</i>	A few records.
Black Phoebe	<i>Sayornis nigricans</i>	Scattered records.
Western Kingbird	<i>Tyrannus verticalis</i>	Widespread.
Hutton's Vireo	<i>Vireo huttoni</i>	Point Reyes.
Warbling Vireo	<i>Vireo gilvus</i>	Mendocino etc.
Steller's Jay	<i>Cyanocitta stelleri</i>	Widespread and common.
Western Scrub Jay	<i>Aphelocoma californica</i>	Widespread and common.
American Crow	<i>Corvus brachyrhynchos</i>	Widespread and common.
Raven	<i>Corvus corax</i>	Widespread and common.
Tree Swallow	<i>Tachycineta bicolor</i>	Scattered records.
Violet-green Swallow	<i>Tachycineta thalassina</i>	Scattered records.
Purple Martin	<i>Progne subis</i>	Lake Earl.
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	Very many nesting at Klamath Lakes.
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	Scattered records.
Barn Swallow	<i>Hirundo rustica</i>	Widespread and common.
Oak Titmouse	<i>Baeolophus inornatus</i>	Tehama County.
Black-capped Chickadee	<i>Poecile atricapillus</i>	McCloud and Lassen area.
Mountain Chickadee	<i>Poecile gambeli</i>	McCloud area etc.
Chestnut-backed Chickadee	<i>Poecile rufescens</i>	Point Reyes.
Bushtit	<i>Psaltriparus minimus</i>	Point Reyes and Day 9.
White-breasted Nuthatch	<i>Sitta carolinensis</i>	Mendocino.
Red-breasted Nuthatch	<i>Sitta candensis</i>	A few records.
Bewick's Wren	<i>Thryomanes bewickii</i>	Oregon.
Winter Wren	<i>Troglodytes troglodytes</i>	Point Reyes and MacArthur-Burney Falls.
Marsh Wren	<i>Cistothorus palustris</i>	Humboldt Bay, Lake Earl, and Klamath Lakes.
American Dipper	<i>Cinclus mexicanus</i>	MacArthur-Burney Falls.
Golden-crowned Kinglet	<i>Regulus satrapa</i>	Heard in Redwoods area.
Blue-grey Gnatcatcher	<i>Poliptila caerulea</i>	Mendocino and Tehama Co.
Western Bluebird	<i>Sialia mexicana</i>	Mendocino.

Townsend's Solitaire	<i>Myadestes townsendi</i>	Lassen.
American Robin	<i>Turdus migratorius</i>	Widespread and common.
Northern Mockingbird	<i>Mimus polyglottos</i>	Only on the last day.
Sage Thrasher	<i>Oreoscoptes montanus</i>	2 in sagebrush.
Starling	<i>Sturnus vulgaris</i>	Common and widespread.
Orange-crowned Warbler	<i>Vermivora celata</i>	Tule Lake.
Nashville Warbler	<i>Vermivora ruficapilla</i>	A few records.
Yellow-rumped Warbler	<i>Dendroica coronata</i>	Scattered records.
Townsend's Warbler	<i>Dendroica townsendi</i>	McCloud.
Hermit Warbler	<i>Dendroica occidentalis</i>	McCloud.
Yellow Warbler	<i>Dendroica petechia</i>	A few records.
Wilson's Warbler	<i>Wilsonia pusilla</i>	Seen on 4 days.
Common Yellowthroat	<i>Geothlypis trichas</i>	Point Reyes etc.
Yellow-breasted Chat	<i>Icteria virens</i>	Near Covelo.
Western Tanager	<i>Piranga ludoviciana</i>	Near Covelo.
California Towhee	<i>Pipilo crissalis</i>	Point Reyes and Mendocino.
Green-tailed Towhee	<i>Pipilo chlorurus</i>	Castle Lake.
Spotted Towhee	<i>Pipilo maculatus</i>	Scattered records.
Chipping Sparrow	<i>Spizella passerina</i>	Mendocino.
Savannah Sparrow	<i>Passerculus sandwichensis</i>	Scattered records.
Lark Sparrow	<i>Chondestes grammacus</i>	Tehama Wildlife area.
Song Sparrow	<i>Melospiza melodia</i>	Widespread and common.
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	Scattered records.
Dark-eyed Junco	<i>Junco hyemalis</i>	Common and widespread.
Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>	Scattered records.
Western Meadowlark	<i>Sturnella neglecta</i>	Scattered records.
Yellow-headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	Several at Klamath Lakes.
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	Widespread and very common.
Tricolored Blackbird	<i>Agelaius tricolor</i>	Common at Klamath Lakes.
Brewer's Blackbird	<i>Euphagus cyanocephalus</i>	Widespread and very common.
Brown-headed Cowbird	<i>Molothrus ater</i>	Widespread and common.
Bullock's Oriole	<i>Icterus bullockii</i>	Scattered records.
House Finch	<i>Carpodacus mexicanus</i>	Widespread.
Pine Siskin	<i>Carduelis pinus</i>	Point Reyes and McCloud area.
American Goldfinch	<i>Carduelis tristis</i>	Widespread.
Lesser Goldfinch	<i>Carduelis psaltria</i>	Mendocino.
House Sparrow	<i>Passer domesticus</i>	Locally common.