

## **A. andersonii** A. Gray SANTA CRUZ MANZANITA

- San Mateo** Along Skyline Blvd. between Gulch Road and la Honda Rd. (*A. regismontana?*)
- Santa Cruz** Along **Empire Grade**, about 2 miles north of its intersection with Alba Grade. Lat. N. 37° 07', Long. 122° 10' W. Altitude about 2550 feet.
- Santa Cruz** Along grade (summit) 0.8 mi nw Alba Road junction (2600 ft elev. above and nw of **Ben Lomond** (town)) - **Empire Grade**
- Santa Cruz** Near Summit of Opal Creek Rd., Big **Basin Redwood State Park**.
- Santa Cruz** Near intersection of **Empire Grade** and Alba Grade. ben Lomond Mountain.
- Santa Cruz** Along **China Grade**, 0.2 miles NW of its intersection with the Big Basin-Saratoga Summit Rd.
- Santa Cruz** Nisene Marks State Park, Aptos Creek watershed; under PG&E high-voltage transmission line on eastern rim of the creek canyon
- Santa Cruz** Along Redwood Drive 1.5 miles up (north of) from Monte Toyon
- Santa Cruz** Miller's Ranch, **summit between Gilroy and Watsonville.**
- Santa Cruz** At junction of Alba Road and Empire Road Ben Lomond Ridge summit
- Santa Cruz** Sandy ridges near **Bonny Doon** - Santa Cruz Mountains
- Santa Cruz** 3 miles NW of Santa Cruz, on upper **UC Santa Cruz campus**, Marshall Fields
- Santa Cruz** **Mt. Madonna** Road along summit of the Santa Cruz Mountains. Between Lands End and Manzanitas School. Lat. N. 37° 02', Long. 121° 45' W; elev. 2000 feet
- Monterey** Moro Road, Prunedale (*A. pajaroensis?*)

## **A. auriculata** Eastw. MT. DIABLO MANZANITA

- Contra Costa** Between two major cuts of Cowell Cement Company (w face of ridge) - Mount Diablo, Lime Ridge
- Contra Costa** Immediately south of Nortonville; 37°57'N, 121°53'W
- Contra Costa** Top Pine Canyon Ridge (s-facing slope between the two forks) - Mount Diablo, Emmons Canyon (off Stone Valley)
- Contra Costa** Near fire trail which runs s from large spur (on meridian) heading into Sycamore Canyon - Mount Diablo, Inner Black Hills
- Contra Costa** Off Summit Dr. along a ridge E of Curry Point; SE of Balancing Rock; elev ca. 1740 ft. Mt. Diablo.
- Contra Costa** W edge Rock City - Mount Diablo
- Contra Costa** Hills by Nortonville, dry rocky slopes in chaparral belt.
- Contra Costa** S. slope Mt. Diablo, 8 mi. NE Danville
- Contra Costa** Sandmine ravine in Somersville
- Contra Costa** Lower slopes of Mt. Diablo on old wagon road to summit from Mt. Diablo Country Club (Blue K Hills)
- Contra Costa** Emmons Canyon, Diablo Stock Farm (Stone Valley) Canyon: South-facing slope between the two forks, top of ridge and extending out along the crest of one small spur.
- Contra Costa** Nortonville, 1 mi hike from Gianochio Bros. gate, old coal mining area at upper end of canyon
- Contra Costa** Mallory Ranch, ca. 1 mile east of Morgan Territory Road; NE/4 SE/4 sec 29 T1S R2E; elevation ca. 2000 ft.
- Contra Costa** Above Rock City, Mt. Diablo.
- Contra Costa** On ranch off of Ygnacio Valley Road, ca. 5 miles northeast of Walnut Creek
- Contra Costa** 300 yds. above the road at Somersville

## **A. australis** Eastw. BAJA MANZANITA

- Baja Calif.** Cerro Blanco, NE of Esenada.
- Baja Calif.** NW of Ejido Uruapan and to south.
- Baja Calif.** Lower canyon of arroyo San Vicente, growing with *A. glandulosa*, and *Pinus muricata*.

## **A. bakeri subsp. bakeri**

### BAKER'S MANZANITA

- Sonoma** Along Bohemian Highway, 3.3 km north of **Camp Meeker**, between Occidental and Monte Rio.  
**Sonoma** NE of Occidental on **Grafton Road**, 2 mile or so from Occidental; elev. ca. 500 ft.  
**Sonoma** 0.2 mi W on **Harrison Grade Road** from junction with Stoetz Lane. Elevation 480 ft.  
**Sonoma** **Harrison Grade Rd**, ca. 1 mi S of jct with Green Valley Rd  
**Sonoma** NE end of town of **Healdsburg** on Reservoir Hill, ca 400' elevation  
**Sonoma** **Graton Road** near intersection with **Tanuda Road** (east of Occidental)  
**Sonoma** **Vine Hill School Road**, at preserve for *A. densiflora*. Few plants near road + hybrids w/ *A. densiflora* and *A. manzanita*

## **A. bakeri subsp. sublaevis** P.V. Wells

### THE CEDARS' MANZANITA

- Sonoma** **King Ridge Rd.** (4.5 mi. n. of jct. with Ft. Ross Rd.) about 0.7 mi. in from King Ridge Rd. on Old Layton Mine Rd. On topo map, area is called "**The Cedars**," north of Cazadero, in Sonoma County  
**Sonoma** The Cedars, divide ridge above Big Austin Creek, near Cazadero

## **A. benitoensis**

- San Benito** 0.25 mile E of summit of the **Clear Creek Road** in the South Diablo Range, 3 mi. W of New Idria  
**San Benito** San Benito County: Along **Clear Creek**, 3-4 miles NE of

## **A. bolensis** Wells BOLA MANZANITA

- Baja Calif.** NE shoulder of Cerro Bola. 450-650 m. SW of Valle de las Palmas.  
**Baja Calif** Cerro Italia

## **A. canescens subsp. canescens**

### HOARY MANZANITA

- Del Norte** On ridge between Smith River and Elk Creek (near summit of Redwood Hwy)  
**Del Norte** **Hazelview Summit**, 2370 ft., on the Crescent City to Grant's Pass Road.  
**Del Norte** 100 yards E of junction of Myrtle Creek and Smith River, 5 miles NE of **Jedediah Smith Redwoods** State Park, just off- U.S. Highway 199  
**Del Norte** Along Smith River, 1.5 mi. below Patrick's Creek.  
**Del Norte** **Preston Peak** Siskiyou Mts.  
**Del Norte** **French Hill** near Adams Station  
**Del Norte** Walso-Crescent City Rd, Gasquet  
**Shasta** 1 1/4 mi s Bohematash Mtn.  
**Trinity** At Foss Camp Spring, 1.3 km south of Red Mountain; head of Red Mountain Creek  
**Trinity** 2.4 mi e **Hayfork** (on road from Douglas City)  
**Trinity** **Harrison Gulch** Trinity National Forest  
**Trinity** Hills Creek-Cassose Creek divide  
**Trinity** Head of **Van Duzen River** Trinity National Forest  
**Trinity** Near **Wildwood**  
**Trinity** **Happy Camp**  
**Trinity** **North Yolla Bolly Mts.**; Grasshopper Public Camp, 2.5 mi. n.w. of Stuart Gap.

<b>Trinity</b>	West slope between <b>Wildwood</b> and Peanut.
<b>Trinity</b>	West oh Big Creek Road, 2 1/2 miles north of junction with <b>State Highway 3</b> and ca. 4 miles northeast of <b>Hayfork</b>
<b>Humboldt</b>	.05 mi N of <b>Lake Prairie</b>
<b>Humboldt</b>	Hoopa Mountain
<b>Humboldt</b>	Trinity Summit, ridge top one mile west of Mud Springs.
<b>Humboldt</b>	Near North Trinity Mtn, 11. 9 mi east of Hoopa on Big Hill Rd (8N01), at Box Camp, Six Rivers
<b>Humboldt</b>	Brannan Mt. near <b>Willow Creek</b>
<b>Humboldt</b>	Horse Mountain Botanical Area. Forest Service Road 6N38. 1/2 mile southeast of Horse Mountain Mine.
<b>Humboldt</b>	<b>Titlow Hill.</b> 1 mile north of turn off to Cold Spring.
<b>Mendocino</b>	5 air miles w. <b>Laytonville</b> (Cahto Peak, around lookout on s. peak) - Cahto Peak
<b>Mendocino</b>	3 mi n <b>Willets</b>
<b>Mendocino</b>	<b>Cow Mt. Recreation Area</b> , Vandenburg Ridge, 2.5 km. No of red Mt. (south)
<b>Mendocino</b>	7 mi NE <b>Willets</b>
<b>Glenn</b>	At <b>Manzanita Spring</b> ; south side of ridge about 1.4 km east of Doe Peak, overlooking <b>Grindstone Creek</b>
<b>Glenn</b>	Adjacent to Valley View Spring; at southern end of <b>Log Spring Ridge</b>
<b>Glenn</b>	<b>Ivory Mill Rd.</b> 7.0 mi. w. of junction 20N01 and Rd. 308 at Mendocino Nat'l Forest boundary
<b>Glenn</b>	Forest Rd. M3 between Alder Springs and <b>Snow Mt. Wilderness</b> (at creek, 4.9 mi s of Ivory Mill (20N01)) - Corbin Creek
<b>Glenn</b>	Near <b>Alder Springs</b>
<b>Glenn</b>	12.8 mi. SE from Tehama-Mendocino-Glenn Co. line jct., between <b>Paskenta</b> and Alder Springs.
<b>Colusa</b>	On trail to Box Spring e Trout Creek crossing (Snow Mt.) - , e of Trout Creek crossing on trail to Box Spring
<b>Colusa</b>	West of I-5 at Maxwell, Goat Mountain, ridge below summit off of <b>Goat Mountain Road</b>
<b>Colusa</b>	<b>Walker Ridge Rd.</b> , 4.8 miles N of junction with Indian Valley Access Rd.
<b>Colusa</b>	5 mi. W of <b>Arbuckle</b> along Sand Creek
<b>Tehama</b>	<b>Elkhorn Ridge</b> Quad 31-C-4 (outside National Forest)
<b>Tehama</b>	3 mi s Tedoc Mtn. (s side of FS Rd. 27N12) - <b>Yolla Bolla R.D.</b>
<b>Tehama</b>	<b>Log Spring Ridge</b> , 1.1 miles west of ranger station.
<b>Lake</b>	Along Hwy near Hoberg's Resort.
<b>Lake</b>	Lake nw Timber Lake (on <b>ridge to Snow Mt.</b> )
<b>Lake</b>	SW-facing slopes <b>Snow Mountain West</b> (2 mi ne of Potato Hill)
<b>Lake</b>	W <b>Lower Lake</b> (on road to Kelseyville
<b>Lake</b>	<b>Bartlett Spring Rd.</b> c. 5 miles east of Clear Lake
<b>Lake</b>	Pine Summit Estates, Summit Blvd., block 2, lots 1-3, near Calif. State Hwy 175. Alt. 3000 ft.
<b>Lake</b>	At junction of Boardman Ridge and Hull Mountain - Timberline Camp
<b>Lake</b>	3 1/2 mi NW <b>Lakeport</b>
<b>Lake</b>	<b>Whispering Pines</b>
<b>Lake</b>	<b>Goat Mt.</b> , just w. of Saddle and w. of Colusa-Lake Co. line, road from Stonyford to Upper Lake.
<b>Lake</b>	Elk Mt. (north of Clear Lake)
<b>Lake</b>	1/4 mi e <b>Mt. St. Helena</b> lookout
<b>Napa</b>	Upper slopes of <b>Mt. St. Helena.</b>
<b>Napa</b>	Napa County: northwest of the town of Yountville. Along Oakville Grade Road, ca. 6 miles west of the intersection with Hwy 29
<b>Napa</b>	Monticello Road <b>7 miles east of Napa</b>
<b>Sonoma</b>	Rutherford - Glen Ellen road halfway to summit
<b>Sonoma</b>	Between Fort Ross and Stewarts Point
<b>Sonoma</b>	Trinity road ne Kenwood (w slope of range)
<b>Sonoma</b>	<b>Rincon Ridge</b> northeast of Santa Rosa
<b>Sonoma</b>	4 mi. up <b>Cavedale Rd.</b> , ca. 6 mi. N of Sonoma.
<b>Sonoma</b>	E face Cobb Mtn.
<b>Sonoma</b>	head of Hooks Canyon
<b>Sonoma</b>	1/2 mi w Los Alamos School
<b>Sonoma</b>	<b>Vine Hill region</b> west of Santa Rosa.
<b>Marin</b>	Williams Trail betw. Mt. Theatre and Rock Spring - <b>Mt. Tamalpais</b>

<b>Marin</b>	On the trail from Eldridge Grade to Larsen's. Present specimens were collected near the type station, on <b>Mount Tamalpais</b> .
<b>Santa Cruz</b>	Vicinity of <b>Loma Prieta</b> , summit of the Santa Cruz Mountains.
<b>Santa Cruz</b>	<b>Near Jamison Creek Road</b> and Big Basin - Boulder Creek Highway. Alt. about 850 ft.
<b>Santa Cruz</b>	<b>Bracken Brae</b> , about 1.5 miles NW of Boulder Creek near Boulder Creek - Big Basin Highway. ( <i>A. sivilcola?</i> )
<b>Santa Clara</b>	Ridge 2 miles east of the summit of <b>Mt. Madonna</b>
<b>Santa Clara</b>	One mi w <b>Mt. Umunhum</b>
<b>Monterey</b>	<b>Pine Ridge</b> Santa Lucia Mts.
<b>Monterey</b>	<b>Chews Ridge F.S. lookout</b> , between Jamesburg and <b>Tassajara hot springs</b> .
<b>Monterey</b>	<b>Willow Creek Rd</b> near road to <b>Alder Camp</b> - Access road 1/4 mile S Los Padres National Forest
<b>Monterey</b>	North fork of <b>San Carpino River</b>

#### OUTSIDE OF CALIFORNIA:

Confined to the Siskiyou Mountains of southwestern Oregon.

## **A. canescens** subsp. **sonomensis** (Eastw.) P.V. Wells SONOMA MANZANITA

**ST:** twig canescent, glandular and not. **INFL:** new infl pendent; bracts, pedicel glandular-hairy in youth. **FL:** ovary (and young fr) glandular-hairy. **FR:** in age gen ± glabrous. {rarity link: SYMBOL 1} Chaparral, open forests; 60–1700 m. w KR, NCoRO, w SnFrB (Shasta-Santa Cruz Cos.). Mar–May

**Stem:** twigs finely glandular **Inflorescence:** axes, pedicel finely glandular; bracts 6–12 mm **Ecology:** Ridges, slopes, chaparral, forest **Elevation:** 200–1500 m. **Bioregional distribution:** w Klamath Ranges, Outer North Coast Ranges **Synonyms:** var. s. (Eastw.) J.E.

Adams

33b. **Arctostaphylos canescens** Eastwood subsp. **sonomensis** (Eastwood) P. V. Wells, Madroño. 35: 333. 1989.

**Twigs** softly white-hairy and glandular-hairy. **Immature inflorescence axes** glandular-hairy. **Pedicels** glandular-hairy. **Fruits** glandular-hairy.

Flowering early winter-late spring. Chaparral, open forests; 400-1700 m; Calif.

Subspecies *sonomensis* is scattered in the North Coast Ranges from Santa Cruz County northward to Humboldt County, often in mixed populations with subsp. *canescens*. It was originally thought to be a rare subspecies; more intensive investigation may reveal individuals in populations throughout the range of the species.

<b>Humboldt</b>	<b>Titlow Hill Road</b> , 2.5 miles South of Berry Summit on Hwy 299
<b>Humboldt</b>	Horse Mountain
<b>Mendocino</b>	<b>Cow Mtn.</b> , BLM land E of Ukiah, on road to Red Mtn. Recreational Area Cow Mtn., BLM land E of Ukiah, on road to Red Mtn. Recreational Area
<b>Mendocino</b>	<b>Red Mountain</b> North, growing at Red Flat, named for the large smooth area of red soil.
<b>Mendocino</b>	Summit, <b>Red Mountain</b> North, 17.7 km. E. of Reynolds exit, Hwy. 101.
<b>Mendocino</b>	.5 mi. N of Haydon Rock along FS M-1
<b>Lake</b>	Large shrub, layered with center now gone. Common on open talus on W side of <b>Goat Mtn. summit</b> . Most often adjacent to large volcanic rock outcrops. Bark smooth, no burl.
<b>Lake</b>	W side of <b>Goat Mtn.</b> summit
<b>Lake</b>	<b>Bartlett Mountain</b> , Sawmill Flat
<b>Lake</b>	Bartlett Mt., 6 mi. up grade on west side.
<b>Lake</b>	<b>High Valley Road</b> , e. of Clear Lake
<b>Lake</b>	Boardman Ridge on s. slope of Hull Mountain.
<b>Lake</b>	Grade between <b>Bartlett Springs</b> and Clear Lake, near summit.
<b>Colusa</b>	West of I-5 at Maxwell, east slope of <b>Goat Mountain</b> , along Goat Mountain Road
<b>Colusa</b>	On <b>Walker Ridge Rd.</b> 4.8 mi. N of junction with Indian Valley Access Rd.
<b>Sonoma</b>	Robert Sone's place on Rock Ridge Lane- Montecito Ave. on <b>Rincon Ridge</b> , Santa Rosa; elev. ca. 350'.
<b>Sonoma</b>	Aong <b>Cavedale Road</b> about 5 mi from its junction with Sonoma-Kenwood Road (western slope of Hooker Canyon (head of))

**Sonoma** Halfway to summit Rutherford-Glen Ellen Road  
**Sonoma** **Rincon Ridge**, N of Santa Rosa

**Napa** "on **Franz Val. road** from Calistoga which branches off from Calistoga-Santa Rosa rd thru. Pet. Forest about 2 mi from center of Calistoga"

## **A. catalinae** P.V. Wells SANTA CATALINA ISLAND MANZANITA

**Los Angeles** SW part of the island in the vicinity of **Cactus Peak** (1560 ft) slope and small ridges N of Cactus Peak summit; Santa Catalina South USGS 7.5' quad; near 33°20'22"N 118°26'38"W; ca. 1320 ft. elev.

**Los Angeles** NE side of Black **Jack Mtn** at the jct of Island Rd and White's Landing Rd

**Los Angeles** Near road to **Hay Press**; Santa Catalina Island, elev. ca. 1500'

**Los Angeles** 4km N of Avalon, along **Airport Rd**

**Los Angeles** **Boushay Canyon** below Silver Peak Road

**Los Angeles** Jct of **White's Landing** and **Airport Rd**, NE side of Black Jack Mtn

**Los Angeles** Below road to White's Landing above turn-off to **Echo Lake**; elev. ca. 1350 ft.

**Los Angeles** Above road from Avalon ca. 1/8 mi. S of **Haypress Reservoir**; elev. 1350 ft.

**Los Angeles** 2 air miles WNW of Avalon near **N end of Grand Canyon**; in narrow ravine

**Los Angeles** Hay Press area

**Los Angeles** Avalon Santa Catalina Island ("dry heights above sea")

**Los Angeles** Hillside South of largest Reservoir, 3.5 mi. (by road) from Avalon on way to Isthmus

**Los Angeles** 2.0 miles west northwest of Avalon near **north end of Grand Canyon**.

**Los Angeles** Upper Swain's Canyon

**Los Angeles** 3 1/2 mi (by road) Avalon (on way to **Isthmus**, hillside s of largest reservoir)

**Los Angeles** Ridge S of **Bulrush Canyon**. 1300'

## **A. columbiana** Piper COLUMBIA MANZANITA

### **f. columbiana**

Moderately setose. Widespread typical form.

**Del Norte** N edge Crescent City

**Del Norte** **Rowdy Creek Road**, 7.2 km east of Highway 101, western Siskiyou Mountains, Smith River area, northeast of Crescent City.

**Del Norte** **Gordon Mtn.** S of Hwy. 199, along forest rd. 405 S of jctn. of forest roads 411 and 17N04

**Del Norte** N Fork of the Smith River, loop in road at head of trail to **Stoney Creek**

**Del Norte** Requa to **Terwah Road** about a mile below Terwah.

**Del Norte** Douglas Park, 7 miles from Crescent City.

**Del Norte** Hill just across river(s) from Requa (Hamilton Ranch)

**Del Norte** Along **Red Mtn.** E of Klamath

**Del Norte** **18 Mile Bridge** Smith Creek (Crescent City to Grants Pass)

**Del Norte** Humboldt Flat Siskiyou National Forest, Preston Peak

**Del Norte** Trail to **Preston Peak** - Bear Wallows

**Del Norte** Near **Bald Hill**, close to the town of Crescent City.

**Del Norte** 5 mi. ne. of **Jedediah Smith State Redwood Park**, just off hwy 199, near a bridge crossing the Smith River 100 yards e. of confluence of Myrtle Creek

**Del Norte** Siskiyou Mts. Camp 6, east base of Gordon Mt. and ca. 10 mi. by air north of Big Flat, on road to Big Flat.

**Humboldt** 2 mi sw **Big Lagoon** (17 mi s of Orick) - Rocky Pt. Quadrangle

**Humboldt** Trinidad

**Humboldt** 2 miles north of **Trinidad**

**Humboldt** Vicinity of **Eureka**

**Humboldt** Along Highway 101 at edge of cutover redwood forest, 6 km south of Drury Scenic Parkway and **Prairie Creek Redwoods State Park**, north of Eureka.

<b>Humboldt</b>	Beside old Samoa-Crannell railroad bed adjacent to the Mad River Slough N of Emerson Mill
<b>Humboldt</b>	Paradise, 5 or 6 mi. no. of Ettersburg.
<b>Humboldt</b>	<b>Hoopa Mountain.</b> Near summit on road from Hoopa westward to Bair's. Summit of barren ridge 1 mile S. of road.
<b>Humboldt</b>	<b>Bald Hill Road</b> about 21.5 miles from U.S. 101 en route to Hoopa.
<b>Humboldt</b>	Wiregrass Prairie on road from Orick to Martin's Ferry
<b>Humboldt</b>	4 mi. SE from <b>Honeydew</b> , along Old Coast road to Ettersburg.
<b>Humboldt</b>	Fickle Hill, 6 mi. SE of Arcata
<b>Humboldt</b>	Kneeland Prairie
<b>Humboldt</b>	Along the road paralleling the ocean at Bishop Pine Lodge, 3 miles north of <b>Trinidad.</b>
<b>Humboldt</b>	Ridges west of the Van Duzen River.
<b>Humboldt</b>	Berry Mt. between Trinity River and Redwood Creek
<b>Humboldt</b>	19.5 miles south of <b>Garberville</b> , South fork of the Eel River.
<b>Mendocino</b>	North side of State Highway 20, 1.5 miles east of junction of this road and State Highway 1.
<b>Mendocino</b>	Cold Springs Lookout. SW of Philo on Signal Ridge Road.
<b>Mendocino</b>	<b>Usal Road.</b> Whale Gulch. 2.5 mi. S of Humboldt Co. line.
<b>Mendocino</b>	27 mi se <b>Shelter Cove</b> (on old Coast Rd to Rockport)
<b>Mendocino</b>	Fort Bragg-Mendocino; <b>Jug Handle State Reserve</b> -Jug Handle Creek
<b>Mendocino</b>	8.8 mi. se. of <b>Leggett</b> towards Rockport on Route 1.
<b>Mendocino</b>	De Haven Creek grade between Westport and Branscomb.
<b>Mendocino</b>	Pine barrens near Heeser's Bog (2 1/2 mi back of Noyo)
<b>Mendocino</b>	South fork Eel River near top of grade about 1 mile south of Redwood Flat (Thompson's) and 12 miles NW of Cummings.
<b>Mendocino</b>	2.0 miles from <b>Boonville</b> on road to Manchester.
<b>Mendocino</b>	1.9 mi nw from <b>Anchor Bay</b> (State Hwy 1)
<b>Mendocino</b>	US Hwy 101 at north end of <b>Leggitt</b>
<b>Mendocino</b>	Highway 101 just below mile marker 77.45 about 1 mile south of Spy Rock Road junction.
<b>Mendocino</b>	Standish Hickey State Park
<b>Mendocino</b>	East of State Highway 1, 7.2 miles south of <b>Point Arena.</b>
<b>Mendocino</b>	Along Ornbaum Springs road about 2 mi e <b>Anchor Bay</b> and Calif. highway 1
<b>Mendocino</b>	9 mi W of <b>Willits</b> on St Hwy 20
<b>Mendocino</b>	7 mi. west of <b>Willits</b> , along Highway 20.
<b>Mendocino</b>	Flynn Creek Road (Rd. 135) 4.56 mi. No of Hwy. 128.
<b>Mendocino</b>	4.5 mi N of <b>Ft Bragg</b>
<b>Mendocino</b>	Coast near <b>Albion</b>
<b>Mendocino</b>	Along <b>Navarro River</b> , 5 miles west of Navarro.
<b>Mendocino</b>	Along Rt. 132, MP 6.0 E. of Elk.
<b>Mendocino</b>	<b>Haven's Neck</b> just W of Hwy 1.
<b>Mendocino</b>	Manzanita plateau, junction of Iverson & Fish rock Roads
<b>Sonoma</b>	Approx. 5 miles N of <b>Fort Ross</b> on Hwy 1.
<b>Sonoma</b>	10 mi n Fort Ross
<b>Sonoma</b>	Along State Hwy. 1; 8.7 miles south of <b>Sewart's Point</b>
<b>Sonoma</b>	0.1 mile north of <b>Timber Cove</b> , east of State Highway 1
<b>Sonoma</b>	<b>Salt Point</b>
<b>Sonoma</b>	Edge of forest by Pilot's Beach, <b>The Sea Ranch</b>
<b>Sonoma</b>	Coast between Russian and <b>Gualala</b> Rivers. Calif. State Hwy. #1 at marker #44.55; side away from ocean against forested hills.
<b>Mendocino</b>	4.5 miles from <b>Gualala</b> on Old Stage Road
<b>Napa</b>	Hale's Camp, near Redwood Highway.
<b>Napa</b>	<b>Moore Creek</b> Howell Mountain

#### OUTSIDE OF CALIFORNIA:

Continues northward along the coast, coastal lowlands, and Cascade foothills to southern British Columbia.

### f. setosissima

Setose hairs prevalent on twigs, petioles, rachises, bracts. Intensely setose throughout. Local form in southern Mendocino Co.; possibly elsewhere.

### f. tracyi

**Humboldt** Hobson's **Trinidad**. Alt. 200 feet



**Humboldt Humboldt** Near **Patrick's Point**.  
 On **USAL Road**, 23 miles north of junction with State Route 1 and 2.7 miles south of junction of Four Corners

**Humboldt Mendocino Mendocino Mendocino** Near coast N of **Trinidad** at the edge of the W part of **Big Lagoon**.  
 24.6 mi. se. of **Shelter Cove**, Coast Road to Rockport. Alt. 1500 ft.  
 Pine barren's near **Heeser's Bog**, 2 1/2 miles back of **Noyo**, Mendocino coast  
 Just N. of **Anchor Bay**.

## **A. confertiflora** Eastw.

### SANTA ROSA ISLAND MANZANITA

**Santa Barbara Santa Barbara** **Torrey pine area**, 5th cyn S of Water Cyn, ca. half way up cyn  
 Summit of ridge NW of Black Mtn. Rare here. Browsed, prostrate.  
 Leaves slightly bifacial, plant not typical.

**Santa Barbara Santa Barbara Santa Barbara Santa Barbara Santa Barbara** Near **Torrey pines** stand, above Southeast  
 E end Torrey Pine Grove, S of Beechers Bay and W of SE Anchorage  
 Hillside above **ironwood grove**, canyon south of **Water Canyon**, El. 100 m.  
 Near head of gully on N side of Telephone Rd, gully drains into **Cherry Cyn**  
**Cherry Cyn**, 6th right-hand tributary (facing upstream in cyn), just below main cross-island rd

**Santa Barbara** Road S of Torrey pine woodland, S of Beechers Bay, c. 1 mi. SE of Water Canyon, elevation ca. 500 ft.

**Santa Barbara Santa Barbara** **Black Mtn** NE spur, just above cross-island rd  
 South Pt, in **Pedregosa Cyn**, E rim of largest drainage, lowest left-hand, descending fork

## **A. crustacea** subsp. **crustacea**

**Napa** North N side of **Mt. George**, 10 m. NE of city of Napa. Dry volcanic slopes above Sarco Creek. Bark smooth, w/burl. 5 ft. Immediately below main residence at Napa Land Trust Reserve. (A. glandulosa?)

**Napa Napa** Mt. George, west side meadow.  
 8 mi ne Napa - Wooden Valley Grade

**Alameda Alameda** Just nw San Luis and Alameda Avs. - N. Berkeley, Thousand Oaks  
 Rocky summit of Grizzly Peak, **Berkeley Hills**.

**Contra Costa Contra Costa Contra Costa Contra Costa Contra Costa Contra Costa Contra Costa Contra Costa Contra Costa** **Moraga Ridge** Oakland Hills  
 Head of Dan Cook Canyon - **Mt. Diablo, Rock City** (James Roof)  
 1 mi s Cave Pt. - **Mount Diablo**  
 E meridian (w part of chaparral) - **Mount Diablo, Inner Black Hills**  
 Toward top middle ridge (ne fork of canyon) - **Mt. Diablo, Sycamore Canyon**  
**El Sobrante Ridge** at end of Silver Belt Dr. on Miocene chert outcrop.  
 Western end of Las Trampas Ridge  
 SW slope on w end of ridge Concord Quadrangle, Las Tampas Ridge  
 Redwood Regional Park, East Ridge Trail  
 2 1/2 mi nw Lafayette

**San Mateo** **Kings Peak** Road; Santa Cruz Mountains, Kings Mtn., on road to archery area under high voltage, steel-tower electrical transmission line

**San Mateo San Mateo San Mateo San Mateo San Mateo** Jasper Ridge Santa Cruz Mountain Peninsula  
**Montara Mountain**, W summit  
 Near summit La Honda Grade, Santa Cruz Mts.  
 Huddart Park, Zwierlein Trail  
 San Gregorio watershed Santa Cruz Mts. (sw San Mateo Co.)

**Santa Clara Santa Clara Santa Clara** St Hwy 9, 1.1 mi E of Saratoga Gap  
**Mt. Hamilton Range**, Copernicus Peak  
 Divide between Arroyo Mocho & Colorado Creek, 3 mi. S of county line. Mt. Hamilton

	Range.
<b>Santa Clara Santa Cruz</b>	<b>Skyline Drive</b> , Santa Cruz Mts. 2 mi. so. of summit of Saratoga - Big Basin Road. On ridge above Glenwood Dr. just north of its junction with Hwy 17 and about 3 mi. below summit of Hwy. 17.
<b>Santa Clara Santa Cruz</b>	<b>Loma Chiquita</b> New Almaden About 1 mile NW of Irking Valley along State Highway #1, between Santa Cruz and <b>Watsonville</b> . Alt. about 200 feet.
<b>Santa Clara Santa Clara Santa Clara Santa Cruz Santa Clara</b>	10 miles E. of Watsonville on State Hwy 152. Ridge from Mt. Day to junction of Smith and Santa Isabella circles - Mt. Hamilton Range <b>Hecker Pass</b> , 5 mi. w. of Gilroy. Alt. 1000 ft. <b>Los Gatos</b> Rd 5 mi e Camp Evers Summit of first ridge w <b>Los Gatos</b>
<b>Santa Cruz Santa Cruz</b>	Just s <b>Eagle Rock</b> - "Camel Rock" About 2 1/2 miles SE of <b>Felton</b> between Graham Hill Road and <b>Mt. Hermon Road</b> . Lat. N. 37 02.5' Long. 122 02 W. Altitude about 700 feet. (ssp. crinita?)
<b>Santa Cruz</b>	Vivintiy of <b>Loma Prieta Road</b> and road leading to Loma Prieta Lookout; 37°05.7'N 121°50.8'W; elev. 3100 ft
<b>Santa Cruz Santa Cruz</b>	Mt. Madonna Park About 1 mile NW of Irking Valley along State Highway #1, between Santa Cruz and Watsonville. Alt. about 200 feet.
<b>Santa Cruz Santa Cruz Santa Cruz Santa Cruz Santa Cruz</b>	Foot of Blooms Grade, 3 miles NW of Boulder Creek. Alt. about 800 feet <b>Eagle Rock</b> , near the summit (ssp. crinita?) East Gate Big Basin State Park Hills E. of <b>Watsonville</b> . <b>Mt Hermon</b> Sand Hills between Scotts Valley & San Lorenzo R, Santa Cruz Mts
<b>Monterey Monterey</b>	1 1/4 mi ne Elkhorn School Manzanita Regional Park, NW of <b>Prunedale</b> , 0.7 mi W of San Miguel Cyn Rd on Castroville Blvd
<b>Monterey</b>	Garland Ranch County Park Sniveley's Ridge, at W end of Garland Ranch Park, shale point on ridge and only site for Arctos here. Appears to be 2 spp., this the glandular one. Bark smooth, burl present. To 3.5 - 4 ft. SW-facing slope. Leaves appear bifacial.
<b>Monterey Monterey Monterey Monterey Monterey Monterey Monterey</b>	Vicinity of Prunedale <b>Manzanita Park Prunedale</b> Area - Scattered in park with other manzanitas Old Stage Rd, 5.4 mi NW of its jct with Crazy Horse Cyn Rd Near <b>Elkhorn School</b> - San Juan Bautista Quadrangle On E side of Palo Colorado Canyon Rd, ca. 1 mi N of Bottcher's Gap, ca. 25 mi S of Carmel <b>Ft Ord</b> - Hillside overlooking the Salinas Valley - Northern Monterey County <b>Fremont Peak</b> area Gabilan Range - Tom Stevenson collection - Gabilan Range 0.2 miles on Strawberry Canyon Road south from <b>San Miguel Canyon Road</b> . This population appears to be of quite a considerable age
<b>San Benito</b>	Reeves ( <b>Gabilan</b> ) <b>Ranch</b> ; saddle on ridge between Azalea Canyon and Peak Canyon; SE side of San Juan Canyon Road near granite extraction site; ca 1.7 air miles NE of Fremont Peak, ca. 2.0 air miles SW of confluence of Bird Creek and Azalea Canyon Creek, ca. 2.6 air miles N of Reeves (Gabilan) Ranch headquarters
<b>San Benito</b>	Old Stage Road, between <b>San Juan Bautista</b> and Salinas, sandstone outcrops near the crest near the summit on the Monterey County Line
<b>San Luis Obispo San Luis Obispo</b>	6 mi NE of <b>Morro Bay</b> <b>Arroyo de la Cruz</b> , 0.5 mi E of St Hwy 1, 9.4 mi N of entrance to Hearst St Historical Monument
<b>San Luis Obispo San Luis Obispo</b>	<b>Irish Hills</b> : S side of Hazard Cyn <b>Montana de Oro State Park</b> Massive colonies along S slope of crest of ridge and down draws on S ridge of Hazard Canyon, ca. 2 mi. E of Pecho Road.
<b>San Luis Obispo San Luis Obispo San Luis Obispo San Luis Obispo</b>	Mouth of creek Cayucos Cambria Price Canyon Arroyo Grande Near divide between Perfumo Canyon and See Canyon on the See Canyon side. San Luis Obispo County, CA
<b>San Luis Obispo San Luis Obispo San Luis Obispo</b>	Near mouth of <b>Coon Creek</b> Davis Canyon Port San Luis Roadsides and hills near Adelaide, W. of <b>Paso Robles</b> .



**Santa Barbara** San Rafael Mtns: **Figueroa Mtn** (*A. glandulosa?*)  
**Santa Barbara** **Santa Ynez Mountains**. Scattered colonies on S side of Mts. (*A. glandulosa?*)  
**Santa Barbara** Summit Road, **Pt. Sal**  
**Santa Barbara** Santa Ynez Mtns: S side of Mt Tranquillon; **Vandenberg Air Force Base**  
**Santa Barbara** Casmalia Hills: **Point Sal**  
**Santa Barbara** **Santa Ynez Mountains** region Painted Cave Rd; Elev. 1800 ft.

## **A. crustacea subsp. crinita** (J.E. Adams) V.T. Parker et al. CRINITE MANZANITA

**San Mateo** 2 mi se Pescadero (far western end of ridge, on private road that leaves Cloverdale Rd. 0.3 mi s of Pescadero High School) - Santa Cruz Mountains, Butano Ridge  
  
**Santa Cruz** **Schoolhouse Ridge**, near Swanton  
**Santa Cruz** SSW of cul-de-sac, Travis Lane Watsonville (0.75 mi NW of intersection of Buena Vista Dr. and Larkin Valley Rd.; ca. 4.5 mi NW of)  
**Santa Cruz** 2 to 2 1/2 mi nw Eagle Rock ("The Chalks," s and w of Scott Creek canyon, on Locatelli property adjacent to **Lockheed** Missile Testing Base) - s and w of Scott Creek canyon, nw of Eagle Rock, "The Chalks"  
**Santa Cruz** W of Felton (Summit of Ben Lomond Mountain) - Ben Lomond Mountain  
**Santa Cruz** **Empire Grade** n of Santa Cruz - China Grade Rd., 100 m. N of Hwy. 236., Santa Cruz Mtns.  
**Santa Cruz** Upper S-facing slope 0.4 mi NNW of VABM 522' Watsonville airport (0.2 mi SE of cul-de-sac on East Bel Mar Ave.; 1 mi ENE of La Selvia Beach; ca. 2.5 mi WNW of) - Hills between Larkin Valley and CA Hwy. 1  
**Santa Cruz** Roadside, 0.9 mile from Empire Grade on Jamison Creek Road, Santa Cruz County, California  
**Santa Cruz** Head of Liddle Cr., w Bonny Doon Ridge, Head of Liddel Cr.  
**Santa Cruz** **Bonnie Doon** Preserve off Martin Rd., southern Santa Cruz Mountains.  
**Santa Cruz** Near intersection of Jamison Creek Road and Big Basin - Boulder Creek Highway.  
**Santa Cruz** Larkin Valley off-ramp fr Highway 1 - Southern Santa Cruz Co  
**Santa Cruz** overlooking Mill Crk watershed, **W of Lockheed Installation**, Eagle Rock  
**Santa Cruz** Ridge between Little Basin Creek and Mill Creek, about 2.3 miles SW of Eagle Rock.  
**Santa Cruz** China Grade Rd., 100 m. N of Hwy. 236., Santa Cruz Mtns.  
**Santa Cruz** 4.6 road miles from junction of Waterman Gap to Big Basin from state route 9. Santa Cruz County  
**Santa Cruz** **Ano Nuevo** Quad, Last Chance Road  
**Santa Cruz** Roadside, 2.1 miles from State Route 1 on Bonny Doon Road  
  
**Monterey** From a burned area in **Fort Ord Military** Res. Near E end.  
**Monterey** Hwy 1 se from Rio del Mar (Watsonville to Santa Cruz)

## **A. crustacea subsp. eastwoodiana** (P.V. Wells) V.T. Parker et al.

**Santa Barbara** Purisima Hills: summit of **Harris Grade Rd**, ca. 2.1 mi N of jct with Rucker Rd  
**Santa Barbara** Point Sal, W end of Purisima Ridge; 6.3 miles from jct. with Hwy 1, 2.3 miles on Point Sal Road from jct. with Brown Rd.  
**Santa Barbara** Highway 1 in Purisima Hills ca. 2.5 mi. S of jct. of Hwy. 135  
**Santa Barbara** Near the top of **Point Sal Ridge**, 1.8 mi from pavement end; w of Santa Maria. Elev. 1000  
**Santa Barbara** Solomon Hills: Solomon Hills  
**Santa Barbara** Purissima Hills, at summit of grade on road from Lompoc to Coast Highway.

## **A. crustacea subsp. insulicola** (P.V. Wells) V.T. Parker et al. ISLAND-LOVING MANZANITA

**Santa Barbara** **Santa Cruz Island**. Between **Prisoner's Harbor** and main boat dock, ca. .3 mi SE of Prisoner's Harbor  
**Santa Barbara** **Santa Cruz Island**: 1 mi above **Pelican Bay**  
**Santa Barbara** **Santa Cruz Island**: **Pelican Bay**  
**Santa Barbara** **Santa Cruz Island**: Pinos de la Calera above China Harbor (Chinese Harbor), 3.9 km (by

	road) NE of Mt Pleasant, 10.6 km E of UC Field Station
<b>Santa Barbara</b>	<b>Santa Cruz Island:</b> E side of rd between Centinela summit and Lagunitas Secas, ca. 1 mi SW of Picacho Diablo, overlooking upper portion of Griffith Cyn
<b>Santa Barbara</b>	<b>Santa Cruz Island:</b> Above Chinese Harbor on pine-clad flat at end of jeep road in forest. elev. c. 900 ft.
<b>Santa Barbara</b>	<b>Santa Cruz Island:</b> N of Lagunitas Secas, near head of W fork of 3-forked cyn which drains into ocean between Cueva Valdez and Arch Rock
<b>Santa Barbara</b>	<b>Santa Cruz Island:</b> Pinos de la Calera, ca. 1.5 km NW of gate and water trough
<b>Santa Barbara</b>	<b>Santa Cruz Island:</b> Stony ridges in pines above Christi's
<b>Santa Barbara</b>	<b>Santa Cruz Island:</b> Stony ridge above Fry's Harbor
<b>Santa Barbara</b>	<b>Santa Rosa Island:</b> Moor above Cañada de la Casa
<b>Santa Barbara</b>	<b>Santa Rosa Island:</b> Side cyn above Water Cyn, 1.5 mi inland
<b>Santa Barbara</b>	<b>Santa Rosa Island:</b> Lower Cherry Cyn, near NPS Releve 178
<b>Santa Barbara</b>	<b>Santa Rosa Island:</b> Head of east fork of Windmill Canyon. Elevation 1000 ft.

## **A. crustacea subsp. rosei** (Eastw.) V.T. Parker et al. ROSE'S MANZANITA

<b>San Francisco</b>	At southern rim of gully e of the southern end <b>Lake Merced</b> ((occupied by Stanley -- "Brotherhood" --Drive at northern end of S.F. Golf Club's course) - gully e of southern end of Lake Merced
<b>Monterey</b>	<b>Huckleberry Hill</b> Monterey
<b>Monterey</b>	Bank above first major curve on Via Mar Monte (above intersection with Carpenter Ave. near <b>Carmel</b>
<b>Monterey</b>	Dolores st., <b>Carmel</b>
<b>Monterey</b>	2 m. near corner of Perry Newberry and Sterling Way within City of <b>Carmel</b> . Relictual shrub in mostly former Quercus agrifolia forest w. Pinus radiata surrounding. W. burl, bark peeling on lower stem, reddish.
<b>Monterey</b>	<b>Garrapata Creek</b> Highway 1
<b>Monterey</b>	Garrapata Creek, north of creek on property of Nielson on east side of hwy #1.
<b>Monterey</b>	<b>Little Sur River</b> - 1 mi S site of A. edmundsii
<b>Monterey</b>	About 3/8 mile east of hwy 1. 1 mi. south of Little Sur River
<b>Monterey</b>	Slope on N end of <b>Bixby Creek Bridge</b> , Hwy 1 along coast N of Point Sur.
<b>Monterey</b>	Pfeiffer Beach, bluffs overlooking the northern portion of the beach
<b>Monterey</b>	Hill above <b>Point Gorda</b>
<b>Monterey</b>	<b>Los Burros Rd.</b> (N of Gorda); 2.4 mi east of Calif. Hwy 1
<b>Monterey</b>	0.4 mile E of State Highway 1 on <b>Plaskett Ridge Road</b> .
<b>Monterey</b>	Deer Ridge Big Sur - 1 canyon N of <b>Sycamore Canyon</b> Ocean Cliff
<b>Monterey</b>	Ocean cliff edge of canyon, S side of Deer Ridge, Big Sur
<b>San Luis Obispo</b>	1 mile east of <b>Cuesta Pass</b> on ridge road

## **A. crustacea subsp. subcordata** (Eastw.) V.T. Parker et al. SANTA CRUZ ISLAND MANZANITA

<b>Santa Cruz</b>	<b>Santa Cruz Co</b> , approx. 1.3 km NE Old Seaside School <in> Swanton (central portion of ridge, Mill Ck. side) - "Schoolhouse Ridge" (ridge between Scott Ck. and Mill Ck.
<b>Santa Barbara</b>	<b>Santa Cruz Island:</b> 3.7 miles east of <b>Prisoner's Harbor</b> on U.S. Navy road.
<b>Santa Barbara</b>	<b>Santa Cruz Island:</b> 0.4 km NW of Cañada del Puerto and 1.4 km SW of <b>Prisoners' Harbor</b>
<b>Santa Barbara</b>	Ridge above <b>Pelican Bay</b> (Santa Cruz Island)
<b>Santa Barbara</b>	Vicinity of <b>Pelican Bay</b> Santa Cruz Island
	steep slopes above <b>Scorpion Anchorage</b> , common.
<b>Santa Barbara</b>	<b>Santa Cruz Island</b> East ridge of canyon back of <b>Scorpion Harbor</b> . Santa Cruz Island.
<b>Santa Barbara</b>	<b>Santa Cruz Island:</b> ca. 0.25 mi NW of a deep pass which cuts through the northern range, 1.25 mi E of Alta

<b>Santa Barbara</b>	<b>Santa Cruz Island:</b> E of <b>Valdez Anchorage</b> , on ridge between middle and E fork of three- fork cyn ca. midway between Valdez and Arch Rock.
<b>Santa Barbara</b>	<b>Santa Cruz Island</b> Shrub, 8 ft. W/ burl, (but burl not exposed) bark smooth, orange.
<b>Santa Barbara</b>	<b>Santa Cruz Island:</b> woodland NW of Picacho Diablo
<b>Santa Barbara</b>	<b>Santa Cruz Island:</b> S of Valley Rd, half-way up Buena Vista grade
<b>Santa Barbara</b>	<b>Santa Cruz Island:</b> Pinos de la Calera above <b>China Harbor</b> (Chinese Harbor), 3.9 km (by road) NE of Mt Pleasant, 10.6 km E of UC Field Station
<b>Santa Barbara</b>	<b>Santa Cruz Island.</b> <i>Pinus remorata</i> grove on N-facing slopes W of La Cuesta gate
<b>Santa Barbara</b>	<b>Santa Rosa Island</b> N-facing, low slope, volcanic, rocky. Dry canyon bottom in Pinus torreyana grove, immediately below only Pinus muricata inds. in grove. Large shrub, 10+ ft x 6 ft wide, bark smooth, burl not seen, but probably present.
<b>Santa Barbara</b>	<b>Santa Rosa Island</b> Canyon S of Water Canyon
<b>Santa Barbara</b>	<b>Santa Rosa Island.</b> Hillside above ironwood grove, canyon south of Water Canyon, El. 100 m.
<b>Santa Barbara</b>	<b>Santa Rosa Island:</b> Canyon on W side of South Point ridge (S Point Canyon), WNW of Peak 1017. Elevation: ca. 600 feet.
<b>Santa Barbara</b>	<b>Santa Rosa Island:</b> NE flanks of Black Mtn, above Becher's Bay

## **x campbellae** Eastw., pro sp. MT. HAMILTON MANZANITA

<b>Santa Clara</b>	NE side near summit (Aquarius rd) - Mount Hamilton
<b>Santa Clara</b>	On ridge between Arroyo Bayo and Santa Isabella Valley (near headwaters of Arroyo Bayo) - Mount Hamilton Range
<b>Santa Clara</b>	Summit Mount Hamilton Range, Mount Santa Isabella
<b>Santa Clara</b>	W slope of ridge near summit - Mount Hamilton Range, Mount Day Ridge
<b>Santa Clara</b>	Along San Antonio Valley Rd just below Calif. Dept. Forestry lookout (se slope, vic. Mt. Hamilton) - Copernicus Peak
<b>Santa Clara</b>	Divide between Arroyo Mocho and Colorado Creek (three mi s of northern county line) - Mount Hamilton Range

## **A. cruzensis** Roof ARROYO DE LA CRUZ MANZANITA

<b>Monterey</b>	<b>Pacific Valley Ranger Station</b> near - 1/4 mi up trail fr station
<b>Monterey</b>	1 km NNE of Pacific Valley School, ca. 0.4 km E of St Hwy 1
<b>San Luis Obispo</b>	<b>Arroyo de la Cruz</b> , 0.5 mi E of St Hwy 1, 9.4 mi N of entrance to Hearst St Historical Monument
<b>San Luis Obispo</b>	<b>Arroyo de la Cruz</b> , 1.4 miles north of Elephant Seal viewing area (35°43'40.87" N 121°18'20.65" W
<b>San Luis Obispo</b>	From the road bank 95 paces S of the SE abutment of the highway bridge (state rte 1) over the <b>Arroyo de la Cruz</b> Creek northwestern San Luis Obispo County
<b>San Luis Obispo</b>	Near the coast along the upper south edge of Arroyo de la Cruz on the Hearst Ranch; Elevation 100 ft
<b>San Luis Obispo</b>	1.8 miles N of <b>Arroyo de la Cruz</b> on State Highway 1, above site of former Washington School. (1959)
<b>San Luis Obispo</b>	N-facing slope of hill just to the S of <b>Arroyo de la Cruz</b> , 1.5 mi E of State Highway 1, 9.4 mi N of entrance to Hearst State Historical Monument
<b>San Luis Obispo</b>	<b>Arroyo de los Chinos</b> , low ridge ca. 200 yds E of Hwy 1; Hearst Ranch
<b>San Luis Obispo</b>	Ridge north of <b>Arroyo de los Chinos</b> , east of Sate Route 1, ca. 9 miles north of San Simeon
<b>San Luis Obispo</b>	From north-facing slope of hill north of <b>Arroyo de los Chinos</b> ; 10.7 miles north of San Simeon
<b>San Luis Obispo</b>	1/4 mile east of State Highway 1 on hill just north of <b>Arroyo de los Chinos</b> ; ca. 15 miles north of San Simeon

**A. densiflora** M.S. Baker  
VINE HILL MANZANITA

- Sonoma** Vine Hill School Road ca. 100 yds W of the school on N side of road and across fence at edge of vineyard
- Sonoma** A few mi W of Santa Rosa (Clark's Driveway, Box 5980 on Guerneville Road, near int. with Laguna Road)
- Sonoma** 8.5 mi w Santa Rosa (apple orchard along Guerneville rd) - Vine Hill region
- Sonoma** In a ditch along Vine Hill Road across from McConnell's place.
- Sonoma** E of Forestville between Vine Hill Rd. and Laguna Rd. W of Laguna Swamp, N side of Vine Hill School Rd. W of house at 6166. Elev. 100 ft.

**A. edmundsii** J.T. Howell  
LITTLE SUR MANZANITA

- Monterey** From **Garrapata Creek** Bridge vicinity. Highway 1.
- Monterey** (Hwy 1) Near the road along the S side of **Rocky Ck.**
- Monterey** Top of cliff above mouth of **Bixby Creek**, Hwy 1, . 3 mi. N of Point Sur
- Monterey** **Little Sur River** Bridge S Highway 1 - 3/4 mi S of Little Sur River Bridge
- Monterey** Ocean bluff just S of **Little Sur River**
- Monterey** By Hwy 1, 0.25 mi S of mouth of **Little Sur River** c. 14 mi S of Carmel
- Monterey** Upper side of State highway #1, one mile s of the southern abutment of the bridge over **Little Sur River.** (*parviflora*)
- Monterey** Lower side of State Highway #1 about 100 yards below highway and on eastern facing brink of the sea bluff. 1.3 miles s of the abutment of the highway bridge that spans the **Little Sur River.**
- Monterey** **Deer Ridge** Big Sur - Ocean Cliff habitat 1 canyon N Sycamore Canyon
- Monterey** Mouth of **Sycamore Canyon** cliffside 1/4 mi N Big Sur
- Monterey** **Sycamore Canyon** @ mouth - 0.25 mi S of mouth Big Sur - Santa Lucia Mountains
- Monterey** From **Molera Ranch** addition to Big Sur State Park, on w ridge of cliff over the ocean, near s border of park.
- Monterey** 0.9 miles north of turnoff to **Point Sur Lighthouse.**
- Monterey** Little Sur, **Hurricane Point**, State Highway 1., alt. 25 ft.
- Monterey** On a rocky ledge by the road up the hill to **Pt. Sur lighthouse**, overlooking the ocean on w ridge.
- Monterey** Just above road and below living quarters of Coast Guard personnel, extreme w face of **Point Sur.**
- Monterey** Andrew Molera State Park - Bluffs Trail @ sand blowout
- Monterey** Near and just above **Pfeiffer Beach**, 300 yards north of central entrance portion to the beach (sea stack with hole in it), State Highway 1
- Monterey** Big Sur, ridge south and above **Pfeiffer Beach**

**A. franciscana** Eastw.  
FRANCISCAN MANZANITA

- San Francisco** Bare stony bluff San Francisco, Laurel Hill Cemetary
- San Francisco** Just below Inspiration Point parking area, Presidio

**A. gabilanensis** V.T. Parker & M.C. Vasey  
GABILAN MANZANITA

- San Benito** San Benito County: 36Y'42'17.54"N, 121Y'27'05.28"W, T14S, R5E, NW/4, S20, Mt. Harlan 7.5' Quad) Reeves (Gabilan) Ranch, ridge N of Pescadero Creek, 4.6 air miles SE of Fremont Peak, 2.3 air miles SE of Reeves (Gabilan) Ranch headquarters, 0.4 air miles N of Pescadero creek and Jamieson Creek confluence. alt 2150ft/ 655m
- Monterey** Gloria Grade on road to Gloria Valley - Along road 2-300 yds fr entry LaMaccia Prop - Gabilan Range

**A. glandulosa subsp. glandulosa**

<b>Del Norte</b> <b>Del Norte</b>	Near south fork Bridge Mill Creek to Patrick Creek on Crescent City - Grants Pass Road 5 m i. ne. of <b>Jedediah Smith State Redwood Park</b> , just off Hwy 199 near a bridge crossing the Smith River 100 yds east of the confluence of Myrtle Creek.
<b>Del Norte</b> <b>Del Norte</b> <b>Del Norte</b> <b>Del Norte</b> <b>Del Norte</b>	<b>French Hill</b> Preston Pk. 2 mi sw Elk Valley - Siskiyou Forest, Preston Peak Quadrangle Monkey Creek Ridge Preston Peak Near <b>Gasquet</b> , Vicinity of Darlingtonia Camp, on Smith River about 2 mi. e of Gasquet. Stony Creek Bog, middle fork of the Smith River.
<b>Humboldt</b>	Near North Trinity Mtn, 11. 5 mi east of Hoopa along Big Hill Rd (8N01), at Six Rivers National Forest boundary.
<b>Humboldt</b> <b>Humboldt</b> <b>Humboldt</b>	One half mi n Grasshopper Mountain lookout (three mi w of Weott) - Quad. 29-B-3 Near Orleans - Klamath Forest, Hoopa Quadrangle 10.5 mi ene Orick
<b>Mendocino</b> <b>Mendocino</b> <b>Mendocino</b> <b>Mendocino</b> <b>Mendocino</b>	Chamise Mt., n of Bell Springs 8.8 miles se. of Leggett towards Rockport on Route 1. 6 mi se Mendocino 5 mi nw Cloverdale W of stop on 8 mi. Road about 1.5 mi. near Carl Purdy's terraces, e of Ukiah near Talmadge.
<b>Mendocino</b>	5.4 miles up <b>Mill Creek</b> Road from Eastside Road.
<b>Lake</b> <b>Lake</b> <b>Lake</b>	One mi e Potato Hill (lower sw-facing slope of mt.) Snow Mountain West Road from Long Valley to Bartlett Mt. Open slopes, Goat Mt., to Bear Creek, 4.6 mi. w. of Lake-Colusa Co. line, between Stonyford and Upper Lake.
<b>Lake</b> <b>Lake</b> <b>Lake</b> <b>Lake</b> <b>Lake</b>	Near summit of old County road between <b>Cloverdale</b> and Kelseyville - Kelseyville <b>Mt. Konocti</b> North Fork Cache Creek Watershed. 12.6 mi. out from Pitney Lane via 16N30 to 16N14 On se side of Hwy 53 2.2 mi ne junction with Butts Canyon Road (about 1/2 mi n of Crazy Creek on edge of valley) - Coyote Valley
<b>Lake</b> <b>Lake</b> <b>Lake</b>	Mt. Hanna to <b>Clear Lake</b> NE side of lake Clear Lake (about half way up grade on road from Bartlett Springs) Near top of <b>Hopland Grade</b> , near boundary line of Sonoma & Lake Counties.
<b>Napa</b> <b>Napa</b> <b>Napa</b>	4.5 miles N of Westgate Dr. on Atlas Peak Rd. <b>Mt. St. Helena</b> Adam-and-Eve Ridge Howell Mtn.
<b>Sonoma</b>	Near Layton Chromite Mine (headwaters of creek) - Big Austin Creek, vicinity of " <b>The Cedars</b> "
<b>Sonoma</b> <b>Sonoma</b> <b>Sonoma</b> <b>Sonoma</b>	Pepperwood Ranch Natural Preserve. 3450 Franz Valley Road. North Ridge Fire Trail near junction of Trail 3A - Bohemian Grove Near Healdsburg (headwaters of creek, branch of Russian River and Mill Five mi from Seaview ( <b>Cazadero Road</b> )Creek) - North Coast Ranges, Wild Hog Ridge, Palmer Creek
<b>Sonoma</b> <b>Sonoma</b> <b>Sonoma</b> <b>Sonoma</b>	Scattered over 80 acre on <b>St. Helena</b> Rd, 3.5 mi' e. of Calistoga Rd. About 4 mi. e. of Warfield along the road to Oakville. Western base of <b>Mt. Hood</b> . <b>Rincon Ridge</b> .
<b>Solano</b> <b>Solano</b>	Gates Canyon Vaca Mts. summit Twin Sisters Peak
<b>Marin</b> <b>Marin</b> <b>Marin</b> <b>Marin</b>	Rock Spring Trail, <b>Mt. Tamalpais</b> Bolin Ridge From plants collected on <b>Mt. Vision</b> San Geronimo Ridge

<b>Marin</b> <b>Marin</b> <b>Marin</b>	3/4 mi n junction of Tomales and <b>Point Reyes</b> Roads Salmon Creek Petaluma Steep, moist, north-east-facing slope above Salmon Creek, along Marshall-Petaluma Road (about 2 mi northwest of its intersection with Hicks Valley Road)
<b>Contra Costa</b> <b>Contra Costa</b> <b>Contra Costa</b>	NE fork of canyon <b>Mount Diablo</b> , Sycamore Canyon (toward top of middle ridge) 1 1/2 mi w Cave Pt. - Mt. Diablo Near Grizzly Peak - Claremont Canyon
<b>San Mateo</b> <b>San Mateo</b> <b>San Mateo</b>	Middle Buckeye Canyon, San Bruno Mtn. <b>China Grade</b> Road at air strip, 14.5 mi. from Boulder Creek. Sierra Morena Santa Cruz Mts., San Gregorio Watershed (sw San Mateo Co.)
<b>Santa Cruz</b> <b>Monterey</b>	About 1.5 mile north of <b>Chalks</b> lookout in NW portion of Santa Cruz County, between Henry and Whitehouse Creeks. Lat. 37 deg 10.4, Long. 122 deg 17 W. Alt about 1200 ft. On road to Alder Peak, 11 km E of Hwy. 1. Southern Santa Lucia Range. (Keeley)
<b>Monterey</b> <b>Monterey</b> <b>Monterey</b> <b>Monterey</b>	Sandstone road cut, 2 miles east of Carmel Valley Community Center Summit of Mt. Carmel Rana Creek Ranch Carmel Valley - Memorial Area above ranchhouse 20 mi from Highway 1 - Sierra de Salinas Near Burro Rd, near jct with Coast Ridge Rd, ca. 0.7 km NW of Lion Pk, ca. 5 km SE of Alder Pk; Ft Hunter Liggett
<b>Monterey</b> <b>Monterey</b>	Head of Nacimiento River Junipero Serra Quadrangle, Mill Creek drainage Del Venturi Rd, near ford on San Antonio River, ca. 1.7 km W of Milpitas Reservoir; Ft Hunter Liggett
<b>Monterey</b> <b>Monterey</b>	Along side of trail up Junipero Serra Peak in Los Padres Mts. Trail up Cone Peak (A. glandulosa ssp howellii?)
<b>San Luis Obispo</b> <b>San Luis Obispo</b>	1/2 mi e <b>Cuesta Pass</b> - Santa Barbara National Forest, San Luis Obispo Quadrangle American Canyon La Panza
<b>Santa Barbara</b> <b>Santa Barbara</b> <b>Santa Barbara</b>	1/2 mi e <b>Zaca Mountain</b> - Santa Barbara National Forest Zaca Lake Forest Reserve. <b>San Rafael Mtns:</b> Figueroa Mtn near picnic area on Catway Rd close to turn-off from Figueroa Mtn Rd
<b>Santa Barbara</b> <b>Santa Barbara</b> <b>Santa Barbara</b> <b>Santa Barbara</b>	<b>San Rafael Mtns:</b> top of Figueroa Mtn <b>Sierra Madre:</b> rd to Miranda Pine Mtn in Smith Cyn area <b>Santa Ynez Mtns:</b> Camino Cielo;, ca. 2 mi E of San Marcos Pass <b>Santa Ynez Mountains.</b> Hwy 154 (San Marcos Pass Rd) at intersection with Painted Cave Rd, ca. 4 mi. below <b>San Marcos Pass.</b> (Near 34 29.45'N, 119 47.75'W). Elev. ca. 2000 ft. Santa Ynez Mtns.; s. of summit of Refugio Pass ca. 1.5 mi; 7 mi. n. of jct. with Hwy 101.
<b>Santa Barbara</b> <b>Santa Barbara</b>	<b>Point Sal Region</b> Along Pt. Sal Road on rocky outcrop. Low dense shrub ca. 2 ft. by 6 ft., handsome specimens on rocky outcrop and flowing over. Some few small bright red fruit. Approaching A. cushingiana.
<b>Ventura</b> <b>Ventura</b>	<b>Santa Ynez Mtns:</b> Camino Cielo, sandy ridge of E Santa Ynez Mtns <b>Ojai Valley</b> , Ocean View Trail
<b>Orange</b> <b>Orange</b> <b>Orange</b> <b>Orange</b>	Ca. 20 mi. E. of Santa Ana, N. of Silverado Chanyon Main Divide Road, between Pleasants and Bedford Peaks. <b>Santa Ana Mts.</b> 0.5 mi. N Main Divide Rd./NF3S04, off Hwy. 74. Elsinore Mtns., ridge top. Road to Los Pinos Peak (3S04), 2 km northeast of Blue Jay Campground and 1 km above 5S05. North of Hwy. 74.
<b>Los Angeles</b> <b>Los Angeles</b> <b>Los Angeles</b> <b>Los Angeles</b> <b>Los Angeles</b>	<b>Mt. Wilson</b> Angeles National Forest Crystal Lake Rock Creek Mandeville Canyon <b>Santa Monica Mountains</b> <b>Santa Monica Mts.</b> , NE of Pacific Palisades <b>San Gabriel Mountains</b> San Dimas Experimental Forest, northern 2/3 of west half of Brown's Flat
<b>Los Angeles</b> <b>Los Angeles</b>	Rocky slope, Pacoima Canyon, <b>San Gabriel Mts.</b> Tanbark Flat, San Dimas Canyon, San Gabriel Mts.



<b>San Bernardino</b> Elev.	<b>San Bernardino Mountains</b> , SW base of Morton Peak: ca 4 air miles ENE of Mentone. 2900 ft. Near 34 05' N; 117 04' W
<b>San Bernardino</b>	<b>San Bernardino Mountains</b> Highway 38, 2.2 km southwest of Angelus Oaks.
<b>San Bernardino</b>	<b>San Bernardino Mountains</b> Highway 173, 16.8 km north of Highway 18, north of <b>Lake Arrowhead</b> .
<b>San Bernardino</b>	<b>San Bernardino</b> (western): Along trail (old road) W of Cleghorn Pass, <1 mi. SW of Cleghorn Mtn.
<b>San Bernardino</b> <b>San Bernardino</b>	Rim of the World Drive, 2 miles above <b>Lake Arrowhead</b> , San Bernardino Mts. Hwy 173, 16.8 km north of Hwy 18, north of <b>Arrowhead</b> , San Bernardino Mtns.
<b>Riverside</b>	Between <b>Idyllwild</b> and Banning on Hwy 243 between Vista Grande forest station and Hurley Flats road. San Bernardino National Forest.
<b>Riverside</b>	15 kilometers east of <b>Temecula</b> near Tenaja Road. From Tenaja, south on Harkey Road, east on Avenida Presta, south on Calle Viento, a dirt road on slope above drainage.
<b>Riverside</b>	North of city of Escondido, ca. 3 km northwest of Dixon Lake. In Daley Ranch along Rock Ridge Trail.
<b>Riverside</b>	Santiago Peak, Santa Ana Mts.
<b>Riverside</b>	Along road from Vandeventer Flat to Santa Rosa Peak
<b>Riverside</b>	<b>Santa Ana Mountains</b> Los Alamos Canyon, Elsinore. Elevation 2500 ft.
<b>Riverside</b>	<b>Santa Ana Mountains</b> Main Divide Truck Trail between El Carriso and Santiago Peak. Elev. 4000 ft.
<b>San Diego</b>	Northside of <b>Mt. Whitney</b> , 1 km southwest of Coronado Hills Drive near south end of Washingtonia Drive, west of Escondido.
<b>San Diego</b>	Ramona; Boulder Oaks County Park, ca. 4 mi SSW of junction of Hwy 67 and Mussey Grade Rd, near the northeast corner of Boulder Oaks Pond.
<b>San Diego</b>	<b>Anza-Borrego Desert State Park</b> , on Pacific Crest Trail. E of Sunrise Hwy (S-1), ca. 1 mi SE of its intersection with the road to Lucky 5 Ranch.
<b>San Diego</b>	<b>Laguna Mountains</b> ; 1/2 mile N of Sunrise Hwy (S-1), 1.0 mile W of Monument Peak, 1.0 mile E of El Prado Meadow on Foster Point Trail
<b>San Diego</b>	<b>Santa Margarita Mountains</b> : Cleveland National Forest; east of the border with Camp Pendleton Marine Corps Base; along the forest service road that runs on the east side of the mountains
<b>San Diego</b>	<b>Palomar Range</b> Agua Tibia Wilderness Area, NE flank of Agua Tibia Mtn, Arroyo Seco tributary at N base of Eagle Crag, from the Wildhorse Trail E to the main trunk of Arroyo Seco
<b>San Diego</b> <b>San Diego</b>	lower s slope N. Pk. <b>Cuyamaca Mtn.</b> - Cleveland National Forest, Cuyamaca Quadrangle Beauty Mountain region, south of Chihuahua Valley Road along Puerta De La Cruz Road. Approximately 4 km from State Route 79 and 10 linear miles north-northwest of Warner
<b>San Diego</b>	<b>Tecate Peak</b> . Along main dirt access road to peak, west of bend after "Harmony Ranch" entrance.
<b>San Diego</b>	<b>Palomar Mountains</b> Cleveland National Forest. Palomar Mountain. Burn area. 1 year after burn.
<b>San Diego</b>	"Common on upper north slope of <b>Otay Mountain</b> ."
<b>San Diego</b> <b>San Diego</b>	"Merriam Mountains, west of Interstate 15, off Lawrence Welk. Plants in chaparral ca. 20 meters west of cul-de-sac."
<b>San Diego</b> Trail	<b>Viejas Mountain</b> , northwest side; along northwest trail that starts on Anderson Truck (West Boundary on some maps) approx. 2 miles north of Victoria Road in Alpine
<b>San Diego</b>	"Trail from Mexican Canyon to Peg Leg Mine, south end of McGinty Mountain, near Jamul." "Northwest corner of USGS 7.5 minute Dulzura quadrangle."

## **A. glandulosa subsp. adamsii (Munz) Munz**

**NOTE:** *A. glandulosa ssp. adamsii* formerly included *ssp. leocophylla*. Some of these collections may be of that species.

<b>San Bernardino</b> <b>San Bernardino</b>	Originally collected 3 mi. from Santa Ana River on Clark Grade, San Bernardino Mts. San Bernardino Mtns. Yucaipa/Oak Glen Area: Along Pisgah Peak Rd., c. 0.5 - 1 air mi west of Pisgah Peak, & c. 1 air mi south of Potato Canyon Road
<b>Riverside</b>	9.4 miles S on 243 (Palms to Pines National Scenic Byway) from US 10. Along side of road at pull-off before Diamond Zen Rd.
<b>Riverside</b> <b>Riverside</b> <b>Riverside</b>	<b>San Jacinto Mountains</b> 3.4 miles south-east of Banning on road to Idyllwild Road-Vandeventer Flat to Santa Rosa Peak. 5 mi. up <b>Santa Rosa Mountain</b> road from State Highway 74.

<b>Riverside</b>	Agua Tibia Mtns. NW Palomar Mountains: Pechanga Indian Reservation. The headwaters of Pala Creek at the southern extremity of the Reservation, north of the Riverside/San Diego County line border, including a large area of vernal wet grassland at the extreme south
<b>Riverside</b>	San Jacinto Mtns. trail to Spitler Peak from the "Herkey Creek Camp to Bonita Vista" [=Apple Canyon] Road
<b>San Diego</b> <b>San Diego</b>	<b>Los Coyotes</b> Indian Reservation. Skyway Dr., 2.7 km north of Moutezuma Valley Rd. (Hwy 22), north of Ranchita, southern
<b>San Diego</b>	<b>Ysidro Mtns.</b> (Keeley) Now <i>parrayana ssp. desertica</i> ???
<b>San Diego</b>	<b>Palomar Mountain</b> , Cleveland National Forest. South side of S6 along lookout, ca. 2.3 miles north of junction of S6 and Highway 76.
<b>San Diego</b>	Approximately 0.5 mile east of <b>Palomar Mountain State Park</b> Boundary. Along Nate Harrison Grade.
<b>San Diego</b>	<b>Palomar Mountain</b> , Along the S6 highway on south side, about 2.5 miles from junction of Hwy 76.
<b>San Diego</b>	Fox Outdoor School, SW of entrance, SW of San Luis Rey River, 3.5 miles NW of Lake Henshaw, Highway 76, Santa Ysabel
<b>San Diego</b> <b>San Diego</b>	North slope of Lyons Peak, approx. 20 mi. SE of San Diego Chariot Canyon, Bureau of Land Management property. Approx. 2.3 surface miles south of intersection of State hwy. 78 and Chariot Canyon Road and 0.4 mi. we
<b>San Diego</b> <b>San Diego</b>	" <b>Tecate Mt.</b> summit" Vicinity of Penny Pines above Storm Canyon, E of Sunrise Highway near the Pacific Crest Trail, just S of Garnet Peak
<b>San Diego</b>	Chariot Canyon, Bureau of Land Management property. Approx. 2.3 surface miles south of intersection of State hwy. 78 and Chariot Canyon Road and 0.4 mi. west of Chariot Canyon Rd. along abandoned, mining road to Chariot Creek.
<b>San Diego</b>	<b>Julian</b> , California, near 3710 Vinewood Drive, approximately 3 acres of native habitat. 79 N turn right onto Royal Drive .25 miles intersection of Lakeview Drive and Vinewood Drive.
<b>San Diego</b> <b>San Diego</b> <b>San Diego</b>	" <b>Desert View, Laguna Mts.</b> " " <b>Guatay</b> , above campground. <b>Laguna Mountains</b> Between Hiway 79 & lookout parking at Inspiration Pt., 3 mi. south of Julian. 4220 feet.
<b>San Diego</b>	Along road from Jacumba to Cuyamaca State Park at turn-off to Laguna Mtn. Recreation Area., <b>Laguna Mts.</b>
<b>San Diego</b>	<b>Cuyamaca Rancho State Park.</b> Small drainage off southwest side of Airplane Ridge, ca. 100 meters upslope of Arroyo Seco Trail.
<b>San Diego</b> <b>San Diego</b> <b>San Diego</b>	On S slope of <b>Cuyamaca Mountains</b> , along King Creek. ca. 4500' elev. <b>Laguna Mts.</b> Trail to Monument Peak off Sunrise Hwy (S-1) Coastal Foothills region 4 miles w. of Hwy 94 on road toward Otay Reservoir, north base of San Ysidro Mts. Alt 800 ft.

## **A. glandulosa subsp. crassifolia** (Jeps.) P.V. Wells

<b>San Diego</b>	"Lusardi Creek MSCP parcel: Canyons N of Lusardi Creek, 1.4 km NE Low South Survey Marker." "Flat rocky terrace at top of ridge and on steep, rocky E-facing slopes of ravine on loamy sand in southern maritime chaparral"
<b>San Diego</b>	Quail Botanical Gardens: Encinitas, north of Encinitas Blvd. on Quail Gardens Drive; northeast end of Garden in fragments of natural vegetation
<b>San Diego</b> <b>San Diego</b>	E of El Camino Real. S of jct Levante St and jct with Anillo WY along roads on N steep slopes. "20 m S. of Encinitas Blvd., .5 km W. of Manchester Ave., Encinitas" "Seedling located in sandy, "washy" area with seedlings of other chaparral species."
<b>San Diego</b> <b>San Diego</b> <b>San Diego</b> <b>San Diego</b> <b>San Diego</b>	"20 m N. of Oak Crest Jr. High School, 100 m W. of water tower, s. of Encinitas Blvd.; Encinitas" "0.1 km E. of El Camino Real, 0.6 km S. of Palomar Airport Rd.; S.E. of Carlsbad" Southeast of Encinitas, on slopes northeast of intersection of Crest Dr. and Birmingham Dr. "San Dieguito Co. Park (near parking lot in the upper end of Park); W. of Solana Beach"
<b>San Diego</b>	SE of end of Del Vino Court, S of intersection with Little McGonigle Ranch Road, NE corner of Los Penisquitos Reserve, collected with personal permission of Rick Thompson, ranger
<b>San Diego</b>	"0.8 km W.S.W. of Alga Rd--El Camino Real intersection (directly W. of housing development); S.E. of Carlsbad"
<b>San Diego</b>	"0.3 km SouthEast of Crest Dr.--Birmingham Dr. intersection, steep E. facing bluffs on W. side of Lux Canyon; Cardiff by the Sea"
<b>San Diego</b>	"San Dieguito Co. Park (near parking lot in the upper end of Park); W. of Solana Beach"

<b>San Diego</b>	"In coastal chaparral, 1/4 mile north of Del Mar Heights Road and 1/8 mile east of Interstate 5."
<b>San Diego</b>	Poway, Kumeyaay Ipai Interpretive Center, S end of Silverlake Dr, 0.4 mi NE of junction of Poway Rd and Pomerado Rd 2007)
<b>San Diego</b>	Backyard at end of culdesac at end of Mango Drive on hillside embankment between residences in Del Mar.
<b>San Diego</b>	End of Bogueta Dr., bluffs s of Del Mar Heights School, Del Mar.
<b>San Diego</b>	"Del Mar Heights" "growing in "patchy" stands with Eriodictyon & Xylococcus on the periphery."
<b>San Diego</b>	Southeast of Del Mar, north of Del Mar Heights School, 0.2 km south of Del Mar Heights Road, west of Highway 5.
<b>San Diego</b>	"on sandy soils under wave-cut bluffs; about 230 m north of Black Mtn Road and 230 m west of Interstate 5; near Del Mar."
<b>San Diego</b>	"1.5 km E.S.E. of Del Mar Hts. Rd. I-5 intersection; E. of Del Mar Hts."
<b>San Diego</b>	San Diego"0.5 km S. of Del Mar Hts. Rd., .2 km E. of I-5 (E. of El Camino Real); E. of Del Mar Hts."
<b>San Diego</b>	East Del Mar, open space along west side of El Camino Real, at intersection with Derby Downs. (2005)
<b>San Diego</b>	Del Mar, 1/4 mi N of Del Mar Heights Road, E of Crest Way, W of Durango Drive, MSCP
<b>San Diego</b>	Arctostaphylos glandulosa ssp. crassifolia monitoring site Crest Cnyn
<b>San Diego</b>	"N. extension of <b>Torrey Pines State Park</b> , approx. .7 km south of Del Mar Hts. School on the steep sandstone bluffs"
<b>San Diego</b>	Torrey Pines State Reserve Extension approximately one-quarter mile west of Long Beat Way, Del Mar.
<b>San Diego</b>	Oak Crest Park, off Encinitas Blvd., east of Hwy. 5

## **A. glandulosa subsp. cushingiana** (Eastw.) J.E. Keeley et al. CUSHING MANZANITA

<b>Del Norte</b>	Trail to Black Butte.
<b>Del Norte</b>	<b>French Hill</b> , Smith River Region.
<b>Humboldt</b>	High North Coast Ranges. Along Friday Ridge Road, at south end of Friday Ridge, 1.0 km (air) east-southeast of Friday Camp. Roadside
<b>Mendocino</b>	Near intersection of <b>Mendocino Airport Road</b> and Albion road on Albion Ridge
<b>Mendocino</b>	Chamise Mt., north of Bell Springs.
<b>Mendocino</b>	White Plains east of <b>Mendocino</b>
<b>Mendocino</b>	Near intersection of Mendocino Airport and Albion Rds.
<b>Mendocino</b>	3 mi. east of <b>Pt. Arena</b> on road to Buckridge Ranch House.
<b>Mendocino</b>	Near Point Arena
<b>Mendocino</b>	About 10 mi. w. of <b>Ukiah</b> on Low Gap Road.
<b>Mendocino</b>	Gaps in oak-madrone-Douglas fir forest along Orr Springs Road. ca. 8 km W of <b>Ukiah</b> . (Keeley)
<b>Mendocino</b>	3 mi' east of Pt. Arena on road to Garcia River
<b>Mendocino</b>	Pine Mt. Road, NE of Cloverdale. .5 miles up from Hoil Creek.
<b>Mendocino</b>	Along Orr Springs Road, ca. 8 km W of Ukiah. (Keeley)
<b>Lake</b>	Chaparral adjacent to Bartlett Springs Rd., ca 5 km north of Clear Lake. (Keeley)
<b>Lake</b>	10 miles S of <b>Kelseyville</b> towards Lower Lake
<b>Lake</b>	End of Pine Mt. Rd.
<b>Sonoma</b>	Stewarts Road ca. 10 km W of Geyserville. (Keeley)
<b>Sonoma</b>	South-facing slope; near Rocky Mountain; north of Guerneville
<b>Sonoma</b>	<b>Hood Mt.</b> , above Brown's cabin
<b>Sonoma</b>	Slopes of Trinity Mt., 2 miles NE of Glen Ellen
<b>Sonoma</b>	<b>Rincon Ridge</b> near Santa Rosa
<b>Sonoma</b>	Top of Parker Hill ( N end of Parker Hill Road). ca. 3 miles N of Santa Rosa
<b>Sonoma</b>	Spring Mountain Road, about 8 miles east of Santa Rosa.
<b>Sonoma</b>	Pine Mt. Rd., NE Cloverdale, Harold Smith Ranch.
<b>Sonoma</b>	1 mile south of Gualala River
<b>Sonoma</b>	On <b>Geysers Road</b> near Mercuryville at junction of private road to Sulphur Peak.
<b>Napa</b>	Chaparral on southeast side of <b>Mt. Helena</b> . (Keeley)

<b>Napa</b>	County: Hills to the west of Hwy. 29. Private property accessed by Diamond Mountain Road. Canyon running east to west
<b>Napa</b>	About 1 mi. se. of <b>Mt. St. Helena</b> Inn, near Mt. St. Helena.
<b>Napa</b>	<b>Mt. St. Helena</b> , above Toll House to the e. of Stevenson Monument.
<b>Napa</b>	Hills to the west of Hwy 29. Private property accessed by Diamond Mountain Road
<b>Solano</b>	Along roadway leading to U.S. Army Signal Corps microwave installation, on Mix Canyon Road, ca. 6-7 miles uproad (w), from Pleasants Valley Road.
<b>Marin</b>	<b>Mt. Tamalpais</b> State Park Hillside, open areas, approx. 3/4 mile E of Bootjack parking area. Shrub, w/burl, bark smooth.
<b>Marin</b>	<b>Mt. Tamalpais</b> St. Pk. off Panoramic Hwy. se. of West Point between Spike Buck Ck. and Laguna Ck.
<b>Marin</b>	Slopes at head of <b>Muir Woods</b> .
<b>Marin</b>	76 Lee St., N end of Mill Valley, base of Mt. Tamalpais (Keeley)
<b>Marin</b>	Openings in oak woodland on cliff above Drake Hwy., near turnoff to Tomales Bay State Park, Point Reyes. (keeley)
<b>Contra Costa</b>	<b>Sobrante Ridge</b> between Heavenly Ridge Lane and Castro Ranch Road, El Sobrante. from Pleasants Valley Road.
<b>Santa Clara</b>	Vicinity of Mt. Umunhum.
<b>Santa Cruz</b>	Mill Creek Drainage, west side. About 2.3 miles SW of Eagle Rock.
<b>Monterey</b>	<b>Huckleberry Hill</b> , Monterey Peninsula
<b>Monterey</b>	Headwaters of <b>Los Burros Creek</b> .
<b>Monterey</b>	Western flank San Clemente Ridge (ca. 1 air mile NE of White Rock Gun Club and ca. 2.7 mi SE of Rancho San Carlos-San Francisco Flat)
<b>Monterey</b>	14.5 km S. of Arroyo Seco Road on <b>Tassajara road</b> .
<b>Monterey</b>	<b>Carmel Valley</b> (forma cushingiana) - Carmel River flood plain terrace
<b>Monterey</b>	Black Butte Saddle - 0.7 mi toward Tassajara from Black Butte - Santa Lucia Mountains
<b>Monterey</b>	<b>Plaskett Ridge Road</b> , ca. 1 mile south of Nacimiento Summit.
<b>Monterey</b>	1 mile (by rough, winding, jeep road) below the lookout, <b>Junipero Serra Peak</b>
<b>Monterey</b>	<b>Junipero Serra Peak</b> summit - Junipero Serra summit - Santa Lucia Mountains
<b>Monterey</b>	4 mi N of San Antonio School, Lockwood-San Lucas Rd
<b>Monterey</b>	<b>Nacimiento road</b> , 20 miles west of Jolon.
<b>Monterey</b>	Chaparral burn, 2 miles from <b>San Antonio Mission</b> on road to Santa Lucia Camp.
<b>Monterey</b>	Big Sur Trail on ridge between Mocho Camp and Log Wood Summit
<b>San Luis Obispo</b>	Dirt road behind locked gate, along ridge <b>E of La Cuesta Summit</b> , N of San Luis Obispo. High kaolinite marine mudstone. Burned ca. 8 yrs. ago. (Keeley)
<b>San Luis Obispo</b>	Black Butte Research Natural Area Unburned chaparral patch on WNW flank of Peak 2 approx. 1/2 way to summit. Low shrub 3 ft., w/burl, bark smooth, dark.
<b>San Luis Obispo</b>	Black Butte Research Natural Area in Los Padres National Forest, <b>Cuesta Ridge East</b> .
<b>San Luis Obispo</b>	Dirt road behind locked gate, along ridge <b>E of La Cuesta Summit</b> , N of San Luis Obispo. (Keeley)
<b>San Luis Obispo</b>	9 mi. from Pozo on road to <b>La Panza</b> .
<b>San Luis Obispo</b>	Trail to Machesna Mt., La Panza Range
<b>San Luis Obispo</b>	Summits above (se. of), Cuesta Pass.
<b>San Luis Obispo</b>	In decomposed granitic soil; 0.4 mile southeast of <b>Pozo summit</b>
<b>San Luis Obispo</b>	Santa Lucia Mtns: rd to Protestant Cemetery, Cambria
<b>San Luis Obispo</b>	Santa Lucia Mtns: Cerro Alto forestry camp off St Hwy 41
<b>San Luis Obispo</b>	Hills just S of Arroyo Grande Crk arm of <b>Lopez Reservoir</b> ; Rock Falls Rd
<b>Santa Barbara</b>	Bates Canyon Road, 2.7 km north of <b>Sierra Madre Road</b> (Keeley)
<b>Santa Barbara</b>	<b>Sierra Madre Road</b> , 33 km west of McPherson Peak, Sierra Madre Mountains. (Keeley)
<b>Santa Barbara</b>	<b>San Rafael Mts</b> . Divide between Zaca Lake and Manzana Creek.
<b>Santa Barbara</b>	3.5 miles west-northwest of Peak Mountain
<b>Santa Barbara</b>	<b>San Rafael Mtns</b> : basin below Mission Pine
<b>Ventura</b>	Road to <b>Pine Mountain</b> , 6.2 km east of Highway 33. (Keeley)
<b>Ventura</b>	Road to <b>Pine Mountain</b> , 4.3 km east of Highway 33. (Keeley)

<b>Ventura</b>	Highway 33, 63 km south of Highway 166. [This is in the area of the middle reaches of Sespe Creek/ north slope of Dry Lakes Ridge (Keeley)
<b>Ventura</b>	<b>Pine Mountain: rd</b> to Reyes Pk, ca. 1 mi off Hwy 399, Pine Mtn ridge
<b>Ventura</b>	Dry Lakes Ridge, Matilija-Sespe divide
<b>Ventura</b>	Hwy 33 at entrance to Hartman Cold Spring Ranch, upper Sespe
<b>Ventura</b>	Dry Lakes Ridge, Matilija-Sespe divide, Ojai District. watershed.
<b>Los Angeles</b>	<b>Angeles Crest Hwy.</b> , (mid-elevation Arctostaphylos site), 12 km south of turnoff to Singing Pines Campground. <b>San Gabriel Mtns.</b> (Keeley)
<b>Los Angeles</b>	Singling Pines Camp, Angeles Crest Hwy.
<b>Los Angeles</b>	Windy Gap, Angeles Crest Hwy, <b>San Gabriel Mtns.</b> (Keeley)
<b>Los Angeles</b>	Little Rock Creek. Slopes E of Little Rock Reservoir. Pacifico Mtn. Altitude 3800 ft.
<b>Los Angeles</b>	Glendora Ridge Rd., 7 km southwest of Baldy Rd., <b>San Gabriel Mtns.</b> (Keeley)
<b>Los Angeles</b>	S-facing slopes at end of Hwy 39, NW of Crystal Lk. (Keeley 1992)
<b>Los Angeles</b>	Charlton Flats to Chilas Camp, <b>San Gabriel Mts</b> , alt 5000ft
<b>Los Angeles</b>	<b>Liebre Mountains</b> 1.5 km east of Bear Campground. (Keeley)
<b>San Bernardino</b>	Very steep (> 40 degree) slope below dirt road between <b>Seven Oaks</b> and Big Bear, 5.2 km north of <b>Seven Oaks Road</b> , north of Barton Flats. (Keeley)
<b>San Bernardino</b>	Dirt Road (2N06), 2.3 km north of <b>Barton Flats.</b> (Keeley)
<b>San Diego</b>	W of <b>Cuyamaca Mtns</b> , ca. 5 miles south of intersection of Hwy 78 and Hwy 79, .25 mile northwest of intersection of Eagle Peak Road and road to Deadman Flat
<b>San Diego</b>	NE of <b>El Cajon Mountain</b> , W of the San Diego River, and S of Barona Mesa; along El Cajon Mountain Truck Trail.
<b>San Diego</b>	La Posta, S of <b>Laguna Mountains</b> , N of I-8, Kitchen Creek, Fred Canyon, E of Cibbet Flats on Pacific Crest Trail.
<b>San Diego</b>	W of <b>Cuyamaca Mtns</b> , ca. 5 miles south of intersection of Hwy 78 and Hwy 79, .25 mile northwest of intersection of Eagle Peak Road and road to Deadman Flat

## **A. glandulosa subsp. gabrielensis** (P.V. Wells) J.E. Keeley et al. SAN GABRIEL MANZANITA

<b>Santa Barbara</b>	<b>Bates Canyon Road</b> , 2.7 km north of Sierra Madre Road, (Keeley)
<b>Santa Barbara</b>	<b>Sierra Madre Rd.</b> , 29 km W of McPherson Peak, Sierra Madre Mtns. Elevation 1450 m.
<b>Santa Barbara</b>	<b>Sierra Madre Road</b> , 8 km west of McPherson Peak, Sierra Madre Mountains. (Keeley)
<b>Santa Barbara</b>	<b>Sierra Madre Road</b> , 13 km west of McPherson Peak, Sierra Madre Mountains. (Keeley)
<b>Los Angeles</b>	<b>Big Tujunga Canyon</b> , 310m E of where Coldwater Canyon meets Big Tujunga Creek. Disturbed chaparral just S of creek, E side of the road to Colby Ranch. T3N R12W, NE/4 NW/4 NW/4 sec. 35. Elev.ca 3190 ft.
<b>Los Angeles</b>	Singling Pines Camp, <b>Angeles Crest Hwy.</b> (Keeley)
<b>Los Angeles</b>	Hwy 120, 5 miles west of <b>Big Oak Flat</b> County. (Keeley)
<b>Los Angeles</b>	<b>Mill Creek Summit</b> ; on summit just west of Angeles Forest Highway on Pacific Crest Trail.
<b>Los Angeles</b>	S-facing slopes at end of Hwy 39, NW of <b>Crystal Lk.</b> (Keeley).
<b>Los Angeles</b>	Road to Mt. Gleason, 3.7 km west of <b>Mill Creek Summit.</b> (keely reports <i>A. parrayana ssp. tumescens</i> from same location)
<b>Los Angeles</b>	Road to Sulphur Springs Campground, 1.7 km north of dirt road to Pacifico Mtn., north of Chilao (keely reports <i>A. parrayana ssp. tumescens</i> from same location)
<b>Los Angeles</b>	Road to Sulphur <b>Springs Campground</b> , 5.7 km north of Angeles Crest Hwy, North of Chilao Campground. San Gabriel Mtns. (keely reports <i>A. parrayana ssp. tumescens</i> from same location)
<b>Los Angeles</b>	Charlton Flats campground, Angeles Natl. Forest
<b>Los Angeles</b>	<b>Aliso Canyon</b> to Buckhorn flats road, Tie Camp summit
<b>Los Angeles</b>	<b>San Gabriel Mountains:</b> Bare Mountain Canyon. Fountainhead spring, E of Pacifico Mtn. 6600 ft. Pacifico Mtn. 7.5' USGS quad: T3N R11W sec. 3.
<b>Los Angeles</b>	Campground below <b>Mt. Baldy ski lift</b> , San Gabriel Mtns. (Keeley)
<b>Los Angeles</b>	<b>Glendora Ridge Rd.</b> , 7 km southwest of Baldy Rd., San Gabriel Mtns. (keeley)
<b>Los Angeles</b>	San Gabriel Mountains: Divide between West Fork Bear Creek & Devils Canyon.
<b>Los Angeles</b>	Hwy 120, 5 miles west of <b>Big Oak Flat County.</b>
<b>San Bernardino</b>	<b>San Gabriel Mtns.</b> Stoddard Peak, SW of Stoddard Flat and W of Stoddard-Barrett



**San Bernardino** Mountain Hwy  
**San Gabriel Mountains**- 200 yds S of Joe Elliott Big Tree Memorial; T1N R6W S31; NW/4 (SE/4); Cucamonga Peak quad; elev. 5760 ft

## **A. glandulosa** subsp. **howellii** (Eastw.) P.V. Wells

**Monterey** South Coast Ridge Road. 2 miles south of intersection with **Nacimiento road**.  
**Monterey** South Coast Ridge Road- Lions Den. 4 miles south of intersection with **Burros Road**.  
**Monterey** Cone Peak area.  
**Monterey** Coast Ridge Rd - Between **Alder Peak** and Three Pks - Santa Lucia Mountains  
**Monterey** 1.3 km W of Nacimiento River, ca. 1.1 rd km NW of jct of Burma and Los Bueyes Rds; Ft Hunter Liggett  
**Monterey** **Nacimiento Summit** c. 0.25 mi. s. of Nacimiento-Fergusen Rd.  
**Monterey** Near Pine Cyn Rd, ca. 2.1 km WNW of "Pine" VABM pt, ca. 2.1 km NE of Coleman Reservoir; Ft Hunter Liggett  
**Monterey** N ridge of **Cone Pk**  
**Monterey** Canyon of Arroyo Seco River  
**Monterey** Santa Lucia Mtns: **Cypress grove**, Los Burros Crk  
**Monterey** **China Camp**, Chews Ridge, between Jamesburg & Tassajara  
**Monterey** **Junipero Serra Peak**, Santa Lucia Mts.  
**Monterey** Chaparral, west of saddle between **Junipero Serra** + Pinyon peaks, Santa Lucia Mts.  
**Monterey** Summit of Cruikshank Trail.  
**San Benito** Along New Idria-Kings City Rd. 1.5 - 2 m. down on w. side of 4432' crest above New Idria, on n. wall of canyon of Clear Crk. (*ssp. cushingiana?*)

## **16-g A. glandulosa** subsp. **leucophylla** J.E. Keeley et al.

**Monterey** On road to **Alder Peak**, 11 km E of Hwy. 1 Southern Santa Lucia Range. Elev. 940 m. (Keeley)

**Riverside** 2 miles west of Fuller Creek Campground. **San Jacinto Mtns**.  
**Riverside** N. side of the **San Jacinto Mtns**. along the road between Idyllwild and Banning N of McMullen Flat.

**Riverside** **San Jacinto Mountains** region Rd. to Thomas Mts. (5S15), 7.0 km north of Toolbox Springs. (Keeley)

**Riverside** Hwy 74, 25 km east of Hwy 79 Junction in Hemit. (Keeley)  
**Riverside** Hwy 234, 3 km N of Hwy 74, **San Jacinto Mtns**. (Keeley)  
**Riverside** Hwy 243, 39-40 km north of **Idyllwild**. (Keeley)  
**Riverside** End of Woodchuck Rd., Woodchuck Resort. 2 km south of Hwy 79 (Keeley)  
**Riverside** Wildomar Campground, ca. 15 km S of Elsinore Pk. Santa Ana Mtns (Keeley)  
**Riverside** **Santa Ana Mountains** region Southwest of Wildomar, off Hacienda Rd., north of Avenida La Cresta, west of Clinton-Keith Rd., southern **Santa Ana Mtns**. (Keeley)  
**Riverside** Perris-Aguanga Basin region **Red Mountain Road**/Stanley Road, 11.7 km east of R3 on Stanley Road. (Keeley)

**Riverside** Road to Thomas Mtn. (5S15), 1.8 km south of Toolbox Spring, west of Garner Valley, San Jacinto Mountains. (Keeley)

**San Diego** **Descanso**, S side of Dexter Peak, 1/4 mi N of Interstate 8, W of Hwy 79 (Old 80) and Los Terrinitos, along Wildwood Glen Lane  
**San Diego** West-face of **Palomar Mountain**, Canfield Grade (S6), 7.2 km south of S7.  
**San Diego** **Palomar Mountains**: Northeast of Upper Doane Valley; northwest of Fry Creek Campground  
**San Diego** East face of **Palomar Mountain**, east grade Road (S7), 11.8 km northwest of Highway 76.  
**San Diego** Skyway Dr., 2.7 km north of Moutezuma Valley Rd. (Hwy 22), north of **Ranchita**, southern Ysidro Mtns. (Keeley)

**San Diego** Camino San Ignacio, road to **Los Coyotes** Indian Reservation, 1.8 km west of Hot Springs Mountain Road.

**San Diego** Hwy 79, 4 km southeast of **Julian**, northwestern Laguna Mtns.  
**San Diego** 4 km south of the town of **Julian** on State Route 79.



- San Diego** Town of Potrero, Hauser Mountain, Harris Ranch Rd, near old house site; ca. 3 mi N of Canyon City at Highway 94, ca. 4 mi W of Cameron Corners (inters of Hwy 94 & Buckman Springs Rd).
- San Diego** Granite Mountain Wilderness Area, **Anza-Borrego Desert State Park**. Narrow tributary drainage of Rodriguez Canyon on south-west side of main wash and road, 1.9 air miles SSW of Granite Mountain summit, and 0.2 air mile NNW of Chariot Mountain peak.
- San Diego** On SW slope of **Cuyamaca Peak**, near King Creek, 4500' elev.
- San Diego** Old Ranch Road, 1 km southwest of Highway 8 at Japutal Valley Road.
- San Diego** Flat area in **Alpine** south of Highway 8 before Willow turn-off.
- San Diego** East slope of Los Pinos Peak, northwest of Lake Moreno
- San Diego** **Laguna Mountains**, ca. 200m north of Interstate 8 at Sunrise Highway (S-1).
- San Diego** **Laguna [Mtn.]**, gate to San Diego State University Observatory site
- San Diego** **Laguna Mountains**; 1/4 mile N of Sunrise Hwy (S-1), 1.0 mile W of Monument Peak, 1.0 mile E of El Prado Meadow on Foster Point Trail & Pacific Coast Trail intersection
- San Diego** **Laguna Mountains** Kitchen Creek Road (also known as Flinn Ranch Road), 15 km north of Old Highway 80, southern Laguna Mountains.

## A. glandulosa subsp. mollis (J.E. Adams) P.V. Wells

**ST:** twig short- and long-white-soft-wavy-nonglandular-hairy. **LF:** blade shiny, smooth, bright green. **INFL:** new infl axis, bract, pedicel, ovary dense-white-nonglandular-hairy, bracts occ lf-like. Chaparral, coniferous forest; 60–2000 m. TR, PR; Baja CA. [*Arctostaphylos glandulosa* subsp. *glaucomollis* P.V. Wells] Jan–Apr

**Stem:** twigs bristly, bristles long, white, not glandular **Leaf:** blade bright green, shiny, smooth **Inflorescence:** bracts 5–15 mm, leaf-like; pedicel in fruit 3–6 mm **Flower:** corolla white **Ecology:** Rocky slopes, ridges, woodland **Elevation:** 750–2000 m. **Bioregional distribution:** Western Transverse Ranges (Santa Ynez, Santa Monica mtns)

62h. *Arctostaphylos glandulosa* Eastwood **subsp. mollis** (J. E. Adams) P. V. Wells, Madroño. 19: 205. 1968.  
*Arctostaphylos glandulosa* var. *mollis* J. E. Adams, J. Elisha Mitchell Sci. Soc. 56: 50. 1940; *A. glandulosa* subsp. *glaucomollis* P. V. Wells

**Twigs** short-hairy and with longer, white hairs, not glandular-hairy. **Leaf blades** bright green, shiny, base cuneate to rounded, surfaces smooth, glabrous. **Inflorescences:** immature inflorescence axis densely white-hairy; bracts densely white-hairy. **Pedicels** densely white-hairy. **Ovaries** densely white-hairy. **Fruits** slightly depressed-globose. **Stones** distinct. Flowering winter-early spring; interior chaparral; 600-2000 m; Calif.

Subspecies *mollis* is widespread throughout the Transverse Range. Plants in the western portion of the range have adaxial leaf surfaces somewhat lustrous and with substantially fewer stomata than the abaxial surface.

Although similar to *Arctostaphylos ×campbelliae*, J. E. Keeley et al. (2007) determined that subsp. *mollis* is more in the range of stomatal distribution in *A. glandulosa* than *A. crustacea* subsp. *crustacea*. The relationship between these two taxa merits further investigation.

- Monterey** **Santa Lucia Mts.** Chews Ridge F.S Lookout, between Jamesburg & Tassajara Hot Springs. Alt. 5060ft (wolf)
- San Luis Obispo** **Santa Lucia Mtns:** trail to Cerro Alto from Cerro Alto Camp
- San Luis Obispo** Just north of **Montana de Oro State Park**
- Santa Barbara** **Santa Inez Mountains** Cold Spring Canyon, along Stagecoach Rd just off Hwy 154, c. 5 miles SE of Lake Cachuma
- Santa Barbara** N slope **San Marcos Pass**
- Santa Barbara** Santa Ynez Mountains region Just south of Summit, **San Marcos Pass**, Hwy. #150. Santa Barbara to Santa Ynez. Alt. 2200 ft.
- Santa Barbara** On Camino Cielo about 2 miles from **San Marcos Pass**.
- Santa Barbara** Santa Ynez Mtns: **Refugio Pass**
- Santa Barbara** **Refugio Pass Rd**, ca. 2.3 mi above Circle Bar B Ranch
- Santa Barbara** **Santa Ynez Mtns:** Juncal Reservoir Rd
- Santa Barbara** Santa Ynez Mtns: summit of La Cumbre Pk
- Santa Barbara** Santa Ynez Mtns: near Goddard Camp, West Camino Cielo
- Santa Barbara** Santa Ynez Mtns: Head of Toro Cyn
- Santa Barbara** Santa Ynez Mtns: near W fork of San Pedro Cyn, ca. 0.5 mi above jct with E fork
- Santa Barbara** Santa Ynez Mtns: Gibraltar Rd, between Flores Flats and Camino Cielo
- Santa Barbara** Santa Ynez Mountains region At crest of Jasusita Trail from Mission Canyon to San Roque Canyon, Santa Barbara. 1700 feet elevation
- Santa Barbara** Santa Ynez Mountains: N of Santa Barbara, along Gibraltar Rd., toward La Cumbre Peak, SE of peak;

<b>Santa Barbara</b>	<b>Solomon Hills:</b> oil field rd above Cat Cyn and Dominion Rd, SE of Santa Maria
<b>Santa Barbara</b>	<b>Sierra Madre Mtn Rd,</b> ca. 2 mi W of turnoff to Bates Cyn
<b>Santa Barbara</b>	<b>San Rafael Mtns:</b> Bluff Camp, S base of Big Pine Mtn
<b>Santa Barbara</b>	<b>San Rafael Mtns:</b> S side of Big Pine Mtn, ca. 3/4 of the way up Buckhorn Rd from Bluff Camp
<b>Santa Barbara</b>	<b>San Rafael Mtns:</b> Mission Pine Rd between Figueroa Pk and Cachuma Saddle
<b>Santa Barbara</b>	<b>San Rafael Mts.,</b> Divide between Zaca Lake and Manzana Creek.
<b>Ventura</b>	Road to <b>Pine Mtn.,</b> 6.2 km east of Hwy. 33 (Keeley)
<b>Ventura</b>	<b>Pine Mountain:</b> road to Reyes Pk from Hwy 399 on Pine Mtn ridge
<b>Ventura</b>	N side of <b>Santa Susana Mtns.</b> Newhall Ranch, Salt Creek
<b>Ventura</b>	Dry Lakes Ridge, Matilija-Sespe divide, <b>Ojai District</b>
<b>Ventura</b>	<b>Santa Ynez Mtns:</b> Jeep Rd to ridge S of Catharina Crk
<b>Los Angeles</b>	<b>San Gabriel Mtns:</b> upper Winter Crk Trail above San Olene Cyn; T1N R11W SW/4 S3
<b>Los Angeles</b>	<b>San Gabriel Mtns.</b> easterly and southeasterly slopes to the SW of <b>Crystal Lake.</b>
<b>Los Angeles</b>	<b>San Gabriel Mtns.:</b> 2 miles E of Mt. Gleason at Little Gleason of Angeles Forest Hwy, ca. 0.2 mi W of jtn with Angeles Crest Hwy.
<b>Los Angeles</b>	<b>San Gabriel Mountains</b> Clear Creek area. Roadside and hiking trail S side of Angeles Forest Hwy, ca. 0.2 mi W of jtn with Angeles Crest Hwy.
<b>Los Angeles</b>	<b>San Gabriel Mountains</b> Upper Aliso Cyn, about 1.5 miles north of Mill Creek summit.
<b>Los Angeles</b>	<b>San Gabriel Mountains:</b> 1.3 miles below Clear Creek Campground (en route to la Canada Flintridge)
<b>Los Angeles</b>	<b>San Gabriel Mountains Glendora Mountain Road,</b> lookout above San Gabriel Reservoir 10 mi. north of Glendora
<b>Los Angeles</b>	<b>San Gabriel Mountains;</b> W and SW of Horse Canyon Saddle; along an old roadcut (ultimately joining Lower Monroe Road) that marks the NW boundary of the San Dimas Experimental Forest.
<b>Los Angeles</b>	<b>San Gabriel Mountains</b> Western San Gabriel Mountains, north of Sylmar and south of Santa Clarita, within the Tujunga Ranger District of the Angeles National Forest. North of Santa Clara road (3N17.9), at head of eastern branch of Los Pinetos Canyon, east of Los Pinetos Spring,
<b>Los Angeles</b>	<b>San Gabriel Mountains</b> Claremont, hills c. 0.75 mi. NE of Padua Hills Restaurant, 0.4 SW of Potato Mtn.
<b>Los Angeles</b>	<b>San Gabriel Mountains</b> Upper Big Tujunga Canyon: ridge and slopes descending ± ENE from THORN (Triangulation Point 5499-ft) toward Big Tujunga Creek (about 0.6-1.6 air miles ENE of Barley Flats).
<b>Los Angeles</b>	<b>San Gabriel Mtns.</b> Clear Creek area. Roadside and hiking trail S side of Angeles Forest Hwy, ca. 0.2 mi W of jtn with Angeles Crest Hwy.
<b>Los Angeles</b>	Clear Creek Vista on Angeles Crest Hwy. San Gabriel Mtns.
<b>Los Angeles</b>	<b>San Gabriel Mountains</b> Fremont pass, north side
<b>Los Angeles</b>	<b>Liebre Mountains</b> region West end of the main crest; From the Pacific Crest Trail (from the south) along road (7N23) pass the second Pacific Crest Trail that exits off north of the road. Finish near the NW corner of section 3 and started at the west end of section 12, west of Bear Gulch Camp. About a 4 mile hike from east to west (This for the Angeles National Forest road surveys.)
<b>Los Angeles</b>	<b>Verdugo Mountains region</b> Verdugo Mountains, north side: Verdugo Crestline Dr., N of La Tuna Canyon and S of Pasko Park. Fire road south of Verdugo Crestline Dr. from fire gate to powerlines. Elev. 1900 Feet.
<b>Los Angeles</b>	<b>Verdugo Mountains region</b> - Verdugo Mountains, southwest side: Along Verdugo Mtwy, E of junction with Stough Canyon Mtwy, above Stough and Wildwood canyons, west side of peak "2642". Near 34deg 13' 9.4" N 118deg 17' 52.1" W T2N R14W NW/4, NE/4 sec. 36. Elev. 2500 Feet.
<b>Los Angeles</b>	<b>Santa Monica Mountains</b> Mandeville Canyon, Santa Monica Mountains, Alt. 425 M.
<b>Los Angeles</b>	<b>Santa Monica Mountains</b> Broken sandstone at edge of chaparral. Not common. Cahuenga Peak.
<b>Los Angeles</b>	San Fernando Valley Basin region Las Flores Canyon 3.8 miles north of <b>Coast Highway.</b>
<b>San Bernardino</b>	Upper Lytle Creek Ridge Rd., 17 km south of Lone Pine Canyon Road, <b>San Gabriel Mtns.</b>
<b>San Bernardino</b>	<b>San Gabriel Mountains,</b> Stoddard Peak, S of Barrett Village & W of Stoddard Flats. Elevation ±4600 feet
<b>San Bernardino</b>	<b>San Gabriel Mountains</b> Muscupiabe Hills between Lytle Wash and Cajon Wash, summit south end of west north-south ridge. Elev. 2300 Feet.
<b>San Bernardino</b>	<b>San Gabriel Mts</b> south Spring Hill area, north of Stoddard Flat

<b>San Bernardino</b>	<b>San Gabriel Mountains</b> Stoddard Peak, S of Barrett Village & W of Stoddard Flats. Elevation ±4600 feet (1402 m).
<b>San Bernardino</b>	<b>San Gabriel Mts</b> south Spring Hill area, north of Stoddard Flat
<b>San Bernardino</b>	<b>Eastern San Gabriel Mountains:</b> 1.5 mi. W of Glen Helen Road at FS Road 3N31 (Apple White Rd).
<b>San Bernardino</b>	<b>San Bernardino Mountains</b> - Honey Ranch on Santa Ana River, below <b>Seven Oaks</b> . San Bernardino County (southwest)
<b>San Bernardino</b>	State Route 330 between Running Spring and Redlands in the <b>San Bernardino Mtns.</b> Consistent population of shrubs on steep embankment near a pullout with a pipe gate blocking a dirt road.
<b>San Bernardino</b>	<b>San Bernardino Mountains;</b> Santa Ana River Watershed, Vicinity of Bellyache springs, Upper half of Clarks Grade (FS road 1n54)
<b>San Bernardino</b>	<b>San Bernardino Mts.</b> near Lake Arrowhead at the Lake Gregory turnoff. Elev. ca. 5500 ft.
<b>San Bernardino</b>	Yucaipa/Oak Glen Area: Along Pisgah Peak Rd., c. 0.5 - 1 air mi west of Pisgah Peak, & c. 1 air mi south of Potato Canyon Road
<b>San Bernardino</b>	<b>San Bernardino Mountains</b> Highway 173, 16.8 km north of Highway 18, north of <b>Lake Arrowhead.</b> (Keeley)
<b>San Bernardino</b>	<b>San Bernardino Mountains</b> -Santa Ana River Canyon. Along Santa Ana River Trail heading East from junction of trail with Glass Road.
<b>San Diego</b>	Cuyamaca Rancho State Park, ca. 4 km south of the town of Julian on State Route 79. ( <i>ssp. leucophylla?</i> )

## **A. glandulosa subsp. atumescens** (Eastw.) Keeley, Vasey & Parker

<b>Baja Calif</b>	North facing slopes along dirt road between Cerro El Cantil and Cerro Buenavista, southwest of Punta Banda, 610 m, 31° 40' N, 116° 36' W, (Near la Bufadora)
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## **A. glandulosa subsp. erecta** (Eastw.) Keeley, Vasey & Parker

<b>Baja Calif</b>	32 km east of Ensenada in foothills along Hwy 3, 600m, 31° 53' N, 116° 19' W.
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## **A. glauca** Lindl. **f. glauca**

<b>Contra Costa</b>	In gully nw park entrance (outer s face of ridge) - Mount Diablo, Rock City Ridge (Fossil Ridge)
<b>Contra Costa</b>	Lower trail Mount Diablo, Mitchell Canyon
<b>Contra Costa</b>	3/4 mi. ne. of North peak, Mt. Diablo.
<b>Alameda</b>	North of Westvaco Magnesite Mine. Alt. about 2000 ft.
<b>Alameda</b>	Cedar Mt. Mount Hamilton Range
<b>Alameda</b>	Sunol Valley Regional Park (near upper picnic area).
<b>Alameda</b>	NW slope of Cedar Mt. Ridge
<b>Santa Clara</b>	Vicinity of Smith Creek Mount Hamilton (w side of mt.)
<b>Santa Clara</b>	Uvas Creek near New Almaden
<b>Santa Clara</b>	Divide between Arroyo Mocho and Colorado Creek, MT. Hamilton Range.
<b>Santa Clara</b>	<b>Loma Prieta Peak.</b> (1903 based on <i>A. canescens?</i> )
<b>Santa Clara</b>	Canada Valley bear Gilroy. (Gilroy Hot Springs Road).
<b>Monterey</b>	Priest Valley 4 mi N from Highway 198 - N Fork Rd LeNeve Rnch rock escarp - Diablo Range
<b>Monterey</b>	Carmel Valley Village - Carmel River bed near baseball field - <b>Sierra de Salinas</b>
<b>Monterey</b>	2.miles north of Avila Ranch, Santa Lucia Mountains, southwest of King City.Alt. 2350 Open sandy flats in old overflow area. Soil alluvial, sandy, gravelly, veg. open, w/few Quercus agrifolia and scattered shrubs, herbs.

<b>Monterey</b>	1.3 km W of Nacimiento River, ca. 1.1 rd km NW of jct of Burma and Los Bueyes Rds; Ft Hunter Liggett
<b>Monterey</b>	0.2 km N of San Antonio River, ca. 1 km E of Merle Ranch, ca. 1.2 km S of Del Venturi Rd; Ft Hunter Liggett
<b>Monterey</b>	<b>Cone Peak</b> Trail near Avila's ranch
<b>Monterey</b>	4.9 road miles along <b>Plaskett Creek Road</b> from junction state route 1.
<b>San Luis Obispo</b>	Caliente Range Goat Springs Canyon, approx. 2 mi. W of Soda Lake Rd. Common shrub to 4 meters (this one 3 m. tall) in upper parts of canyon. Mostly on lower N-facing slopes. Mountains, alt. 2800-3500 ft.
<b>San Benito</b>	Diablo Range: Clear Crk Rd, 1.1 mi above New Idria
<b>San Benito</b>	Clear Creek, about 3.3 miles SW of Idria.
<b>San Benito</b>	Near Hernandez Reservoir on Coalinga Rd. near Laguna Creek. <b>Type locality.</b>
<b>San Benito</b>	<b>San Benito Mountain</b> Ridge 2 miles S of Spanish Lake approx. 3.5 m. S of Santa Rita peak. Large population subdominant w/ <i>Quercus durata</i> , <i>Arcto. pungens</i> .
<b>San Benito</b>	<b>The Pinnacles</b> South Coast Ranges
<b>San Luis Obispo Ranch.</b>	Near the coast south of the course of Arroyo de la Cruz on the grounds of the <b>Hearst</b>
<b>San Luis Obispo</b>	Shell Crk Rd, 0.5 mi N of jct with Hwy 58
<b>San Luis Obispo</b>	1.8 miles west of entrance to C erro Alto Campground north of U.S. <b>Highway 466</b> , between Atascadero and Morro Bay
<b>San Luis Obispo</b>	<b>La Panza Range</b> - Along Pozo Road at Pozo Summit, at divide between Pozo Creek drainage and Mariana Creek drainage.
<b>San Luis Obispo</b>	<b>Lopez Canyon.</b>
<b>San Luis Obispo</b>	Oak Flat, 3 mi. w. of <b>Paso Robles</b> . Shandon.
<b>San Luis Obispo</b>	Grade at west end of Carisa Plains, on road to <b>Santa Margarita.</b>
<b>Santa Barbara</b>	Zaca Lake Forest Reserve, Along Zaca Road near lake
<b>Santa Barbara</b>	<b>Sierra Madre:</b> 3 mi S of Hwy 166 on Sierra Madre Ridge Rd
<b>Santa Barbara</b>	<b>Santa Ynez Mountains</b> 1.5 mi NW of Cold Creek along San Marcos pass Rd.
<b>Santa Barbara</b>	<b>Santa Ynez Mtns:</b> north of W fork of San Pedro Cyn
<b>Santa Barbara</b>	Santa Barbara Ranger District. At pull off on East <b>Camino Cielo</b> (5N12), about 1.5 mi from CA-154.
<b>Santa Barbara</b>	<b>San Marcos pass</b> , N. slope
<b>Santa Barbara</b>	<b>Santa Ynez Mountains</b> Common. Edge of woodland/chaparral. Shrub, 15 ft. tall, approx. 1 mile East of <b>San Marcos Pass</b> summit.
<b>Santa Barbara</b>	Near Cachuma Saddle, east of <b>Figueroa</b>
<b>Santa Barbara</b>	<b>San Rafael Mts.</b> Divide between Zaca Lake and Manzana Creek.
<b>Santa Barbara</b>	<b>San Rafael Mountains</b> Manzana Ck. Canyon, San Rafael Wilderness, +/- 3 mi. downstream of Nira trailhead (Sunset Valley Rd.). At and W +/- 2 mi. of Coldwater Camp.
<b>Santa Barbara</b>	<b>San Rafael Mountains</b> Shrub, 7-8 ft. tall & 6 ft. wide. Bark smooth, shiny red/brown, no burl. Stone solid. Manzana Ck. Canyon, San Rafael Wilderness, Los Padres National Forest, +/- 3 mi. downstream of Nira trailhead (Sunset Valley Rd.). At and W +/- 2 mi. of Coldwater Camp.
<b>Santa Barbara</b>	<b>Sierra Madre:</b> 3 mi S of Hwy 166 on Sierra Madre Ridge Rd
<b>Santa Barbara</b>	<b>Sierra Madre Mountains</b> Head of Sweetwater Canyon immed. below on S side of Sierra Madre Rd. approx. 1/2 mi. E of Salisbury Potrero.
<b>Fresno</b>	Vicinity: west of Coalinga, ca 9-10 mi via hwy 198. Ca. 1/2 mi south of hwy 198 on dirt road ca 1/2 mi west of Parkfield Grade Rd
<b>Kern</b>	<b>San Emigdio Range</b> , San Emigdio Canyon: just below Mill Potrero.
<b>Kern</b>	<b>Temblor Range</b> and the Western San Joaquin Valley, Ross Ridge
<b>Kern</b>	<b>Frazier Mt</b> Park, Tembler Mt Range. Alt. 4000 ft. <b>Grapevine</b> Creek Watershed.
<b>Kern</b>	<b>Tehachapi Mtns:</b> slope E of the mouth of Cyn de la Lecheria
<b>Kern</b>	<b>Tehachapi Mountains</b> , Kernville Region, Tejon Ranch: the Bear Trap
<b>Kern</b>	Hwy 155, <b>Lake Isabella</b> , just south of French Gulch overpass and north of Pioneer Point Campground ( <i>A. viscida ssp. mariposa?</i> )
<b>Kern</b>	Sierra Nevada Mtns Hwy 155, c. 2 mi. west of Wofford Heights and c. 0.25 mi. east of Sequoia National Forest boundary ( <i>A. viscida ssp. mariposa?</i> )
<b>Kern</b>	Hwy 155, ca 1 mi east of Cedar Springs Campground, Sequoia NF ( <i>A. viscida ssp. mariposa?</i> )
<b>Ventura</b>	Roadside, Matilija Canyon near Camp Ortega, <b>Ojai</b> district.

<b>Ventura</b>	Slope above creek just beyond bridge crossing on Highway 33 (ca 8 air mi n of <b>Ojai</b> ) - Tule Creek
<b>Ventura</b>	Along Piru Creek, 1/4 mi. above Ranger Station, or about 8 mi. above Piru.
<b>Ventura</b>	Ventura-Maricopa. Canyon between summits. Ojai Valley Drainage; <b>Sierra Madre Mt. Range</b>
<b>Ventura</b>	<b>Mount Pinos</b> region Slopes along Piru Creek, 1/4 mile above the Ranger Station, or about 8 miles above Piru.
<b>Ventura</b>	<b>Mount Pinos region</b> ; Topatopa Mountains Red Reef Canyon, Topatopa Mountains
<b>Ventura</b>	<b>Pine Mountain</b> : Hwy 33, 0.6 mi SE of summit of Pine Mtn
<b>Ventura</b>	<b>Mount Pinos</b> region Apache Canyon Road, 15 km east of Highway 33.
<b>Ventura</b>	<b>Lockwood Valley</b> Road, 16 km east of Highway 33.
<b>Los Angeles</b>	<b>San Gabriel Mts.</b> - 1.2 miles east of summit, Saddle Peak, 2000 feet.
<b>Los Angeles</b>	<b>San Gabriel Mtns.</b> ; Aliso Cyn; ca. 6.5 air-miles SE of Acton, ca. 2.6 air-miles N of Mill Creek Summit, 1.1 air-mile S x SE of Angeles Forest Highway and Santiago Truck Trail intersection
<b>Los Angeles</b>	<b>San Gabriel Mtns.</b> ; Upper Big Tujunga Cyn; ca. 6.8 air-miles SE of Mill Creek Summit, 1.7 airmiles W of Vetter Mtn, 1.8 air-miles NE of intersection of Upper Big Tujunga Cyn Road and Angeles Crest Hwy (Hwy 2), north side of Upper Big Tujunga Cyn Road
<b>Orange</b>	<b>Chino Hills</b> , Tonner Canyon
<b>Los Angeles</b>	<b>San Gabriel Mtns.</b> Foothills mouth of San Gabriel Canyon, between 210 Fwy and Foothill Blvd., Azusa/Irwindale, 200-300 m east of San Gabriel River channel
<b>Los Angeles</b>	<b>Santa Monica Mountains</b> , Saddle Peak, .5 mile south-west of peak along Piuma Road.
<b>Los Angeles</b>	<b>Santa Monica Mountains</b> , north side of main crest of mountains, north-west slope of Castro Peak, 1.0 mile south-east of Mulholland Highway, Latigo Canyon Road.
<b>Los Angeles</b>	Newhall Ranch, hills south of Santa Clara River, 0.5 mi. SE of Del Valle, SW of Castaic Junction, N of Potrero Cyn. NE end of <b>Santa Susana Mtns.</b>
<b>Los Angeles</b>	<b>Liebre Mountains</b> , Kings Canyon
<b>Los Angeles</b>	<b>Liebre Mountains</b> region Parker mountain and ridge to SW: SW of Acton and NNE of Ravenna
<b>Los Angeles</b>	<b>Verdugo Mountains</b> region Verdugo Mountains, southwest side: Along Verdugo Mtwy, E of junction with Stough Canyon Mtwy, above Stough and Wildwood canyons, west side of peak "2642"
<b>San Bernardino</b>	<b>San Gabriel Mountains</b> Wrightwood Area: Unnamed ridge top immediately N of town. 7.5' Mt. San Antonio quad. T3N/R7W/S5(SW1/4) & S8(N1/2). 6600-6800 ft. elev. (2000- 2100 m). 34° 22' N, 117° 38' W.
<b>San Bernardino</b>	<b>Mojave Desert</b> ; ca. 3 miles N of Yucca Valley near Pioneer Town
<b>San Bernardino</b>	<b>San Bernardino Mountains</b> region St Highway 18 up Cushenbury Canyon, ca. 1/4 mi inside San Bernardino Nat'l Forest boundary
<b>San Bernardino</b>	San Bernardino Mountains region Seven Oaks Road, 3 km west of Radford Camp Road (2N06), northeast of <b>Angeles Oaks</b> .
<b>San Bernardino</b>	<b>San Bernardino Mountains</b> region SW base of Morton Peak. 3.4 to 3.7 air mi ENE of Mentone. Elev. 2600 ft.
<b>San Bernardino</b>	<b>Cajon Pass</b> – summit
<b>San Bernardino</b>	UC Burns Pinyon Ridge Reserve, off Skyline Ranch Rd. ca. 2 miles (air) ESE of Pinoneertown, 1.5 mi. (air) NW of Yucca Valley, E portion of Reserve, N of N railroad Canyon. <b>Little San Bernardino Mountains</b> , southern Mojave Desert
<b>Riverside</b>	<b>San Jacinto Mountains</b> - Pinyon Flat area, N of Hwy 74, ca. 10 road mi. E of junction w/ Hwy 371. W facing slope of Sugarloaf Mtn and adjacent valley. USGS Toro Pk. 7.5' topo. 4100-4600 ft. elev. (1250-1400 m)
<b>Riverside</b>	<b>Little San Bernardino Mts.</b> , Joshua Tree National Monument; Ridge and coves one mile east of Juniper Flats, elevation 4800'.
<b>Riverside</b>	Ridge between Juniper Flats and Stubby Springs, <b>Joshua Tree National</b> Monument.
<b>Riverside</b>	5 mi S of <b>Temecula</b> on County Rd S16
<b>Riverside</b>	<b>San Jacinto Mountains</b> region San Jacinto Mtns. Eastern slope at roadside, El. 4,000 ft.
<b>Riverside</b>	<b>San Jacinto Mountains</b> region: Western flank of the range, vicinity of Alvin Meadows and Chimney Flats, west of Idyllwild along forest service road 5N13 near 5N06.
<b>Riverside</b>	Pinyon Flats: along Hwy 74, <b>Santa Rosa Mountains</b> .
<b>Riverside</b>	<b>Santa Ana Mtns</b> : Cleveland Nat Forest, Trabuco District



<b>Riverside</b>	<b>Santa Ana Mtns.</b> State Hwy 74, 1 mi. uphill of the 2,000 ft. marker & to the left 0.1 mi. on an old paved road
<b>Riverside</b>	<b>Santa Ana Mts.</b> region Santa Ana Mts. Coldwater Canyon trail to Santiago Peak. 1 mile above Glen Ivy resort at. alt. 1800 ft.
<b>Riverside</b> <b>Riverside</b>	<b>Santa Ana Mountains</b> region Hidden Canyon, near Corona, Santa Ana Mts. <b>Highway 79</b> , 6 km west of Aguanga.
<b>Imperial</b>	<b>Jacumba</b> Natural Area (BLM): In-ko-pah Mountains; East of Jacumba just over E of San Diego/Imperial County border & just <b>N of the US/Mex border</b>
<b>San Diego</b>	<b>Palomar Mtns</b> region NW Palomar Mountains, Agua Tibia Mountains: Cleveland National Forest, east of the Agua Tibia Wilderness Area. Eastern Cutca Valley, along the area were the Cutca Trail and Cutca Road meet and crosses the upper drainages of Long Canyon.
<b>San Diego</b>	<b>Potrero Peak:</b> north of Tecate; along Round Potrero Road approx. 0.9 west of its junction with Potrero Valley Road; NE lower foothill of peak
<b>San Diego</b>	9 mi ENE of City of <b>Jamul</b> , 2 1/2 mi NW of Barrett Lake, along Carveacre Rd, 0.5 mile east of summit of Gaskill Peak.
<b>San Diego</b> <b>San Diego</b>	Oak Grove Rd., N of Descanso, Cuyamaca Mtns. Elev. ca. 1200 m Poser Mountain (Cleveland National Forest): NE of Alpine and Viejas Indian Reservation; N of Old Viejas Grade Road on the S-facing slope of the mountain
<b>San Diego</b>	Walker Canyon Ecological Reserve: between Boulevard and Jacumba on the north side of Interstate 8, near the east end of the reserve on the north side of the creek
<b>San Diego</b>	Cuyamaca Rancho State Park. Soapstone Grade Fire Road, 0.7 air mi. south of intersection with County hwy. S-1 and entry gate to La Cima camp (CDF).
<b>San Diego</b>	<b>Anza Borrego Desert State Park:</b> vicinity of Whale Peak; south of Pinyon Mountain Valley Road; northwest side of the highest point of Whale Peak
<b>San Diego</b>	<b>Anza-Borrego Desert State Park.</b> NE of Lake Cuyamaca (formerly Tulloch property). 1.1 air mile east of intersection of State hwy. 79 and County hwy. S-1 (Sunrise Highway) near Mason Valley Truck Trail.
<b>San Diego</b>	<b>Anza Bench</b> region Hills north of Warner Springs, north Indian Flats Campground of Cleveland National Forest along Road 9S05.
<b>San Diego</b> <b>San Diego</b>	0.4 mi. up Deerhorn Valley Rd. off Honey Springs Rd, in the general direction of Dulzura Desert Rim Road, near foot of Monument Peak, Laguna Mts.

## f. emericola

<b>Riverside</b>	<b>Little San Bernardino Mountains</b> region ridge between Juniper Flats and Stubby Springs, <b>Joshua Tree</b> Nat'l Mon.
<b>Riverside</b> <b>San Bernadino</b>	Pinyon Well grade, Pinyon Well Mts., N. Colo. Desert. Hwy 18, foothills of <b>San Bernadino Mts.</b> between Big Bear City and Lucerne Valley.

## f. puberula

<b>Monterey</b> <b>Monterey</b>	Santa Lucia Mtns., Arroyo Seco Forest Service campground Canyon flat near head of Paloma Creek on Jamesburg Road
<b>San Benito</b>	Pinnacles Nat. Mon.
<b>San Luis Obispo</b>	1.8 miles west of entrance to Cerro Alto Campground north of U.S. Highway 41, between Atascadero and Morro Bay
<b>Kern</b>	Beartrap Canyon, <b>Tehachapi Mountains</b>
<b>Santa Barbara</b> <b>Santa Barbara</b> <b>Santa Barbara</b> <b>Santa Barbara</b>	At base of Gibraltar Rock on Gibraltar Road. <b>Figueroa Mountain</b> Campground. In Upper Cuyana Valley about 8 km south of Highway 166 on Highway 33. Santa Ynez Mountains - 1.5 mi NW of Cold Creek along <b>San Marcos Pass</b> Rd.
<b>San Diego</b>	Cuyamaca-Laguna Mountains - N-facing slope at the E end of E Willows Rd., Alpine. Elevation 700 m. (Keeley)
<b>San Diego</b>	<b>Viejas Grande</b> , second canyon from bottom (Fremontia Canyon).



## **A. glutinosa** B. Schreib.

- Santa Cruz** On top of ridge between Scott and Mill Creek drainages, about 1.7 mi. s.-sw. of Eagle Rock.  
**Santa Cruz** S and w Scott Creek canyon (about 2-2 1/2 mi sw of Eagle Rock, adjacent to Lockheed Missile Testing Base) - Locatelli property, "The Chalks"  
**Santa Cruz** Approx. 1.1 km ne Old Seaside School, Swanton (lower central portion of ridge, at top of steep slope dropping down toward Mill Ck., ridge betw Scott Ck and Mill Ck watersheds) - "Schoolhouse Ridge" (ridge betw. Scott Ck. and Mill Ck. wate  
**Santa Cruz** Lockheed-Martin Facility at northern terminus of Empire Grade Road, on northern end of Ben Lomond Mountain. Approximately 7 linear km west of Boulder Creek.  
**Santa Cruz** On top of ridge between Scott and Mill Creek drainages, about 1.7 miles S-SW of Eagle Rock; Lat. 37°07.8'N, Long. 122°13'W; Elev. 2000 ft.  
**Santa Cruz** NW of Boulder Creek, SW of Eagle Peak. Along poor "road" above north side of Mill Creek. Lockheed Missile test base, Empire Grade road. 0.3 mi. SW of entrance to Lehi property area, near Lehi road.  
**Santa Cruz** East side of Mill Creek Drainage about 2 miles S-SW of Eagle Rock at Lat. N 37°07.3', Long. 122°12.4'W. Altitude about 1800-1900 ft.  
**Santa Cruz** Martin Road 0.9 mi. from Pine Flat Road  
**Monterey** Above Hwy 1 on road to Jolon – Nacimiento-Furgusson Rd. (Keeley 1991) *A. hooveri?*

## **A. hispidula** Howell

- Del Norte** **Low Divide road** (also known as high Divide road on some maps) about 5 miles from jct. of **North Bank Road**.  
**Del Norte** Near **Gasquet** - 18-mile Creek  
**Del Norte** N of **Gasquet** near Old Gasquet Toll Rd. elev. 430 ft. T17N, R2E, sec. 20  
**Del Norte** **French Hill Road**, 7.7 miles east of junction with U.S. Highway 199, south of Gasquet, Del Norte County, California  
**Del Norte** 3 miles up **French Hill Road** from US-199, Humboldt Flat.  
**Del Norte** Hazelview Summit - foot of Grade. Smith River, near Crescent City - **Granst Pass Road**.  
**Del Norte** E of **French Hill**, alt. 2600 ft.  
**Del Norte** Near refuse disposal site on **Old Gasquet Toll Road**  
**Del Norte** Old **Gasquet Toll Rd.**, 4.6 to 6.4 mi. N of S entrance  
**Del Norte** Near **Wimer Rd.**, close to the town of Smith River  
**Del Norte** Near **Bald Hill**, close to the town of Crescent City.  
**Del Norte** Near **Hurdygurdy Creek**, close to the town of Gasquet  
**Del Norte** Trail from Rock Creek to Little Rattlesnake Ridge  
**Del Norte** N Fork of the Smith River, loop in road at head of trail to **Stoney Creek**  
**Del Norte** Along **Elk Camp Ridge** NE of Gasquet  
**Del Norte** Forest service road on Forest Service Road 305 (**Low Divide Road**), 13 km north of North Bank Road, western Siskiyou Mountains, Smith River area, northeast of Crescent City.  
**Del Norte** Forest Service Road, 17N49, ca. 17 km east of Highway 101, western Siskiyou Mountains, Smith River area, northeast of Crescent City.  
**Humboldt** Bald Hills - Wiregrass Prairie  
**Humboldt** 8 Mi. E. of **Hoopa Valley** on new road towards Trinity Summit.  
**Sonoma** 7.7 miles from west end of Sonoma Lake bridge on **Rockpile Road**.  
**Sonoma** South-facing slope of ridge barrens south of Mt. Tom. 5.1 miles west on **Kelly Road** from Rockpile Road junction.  
**Sonoma** **Rockpile Road**, 9.1 miles north from its intersection and beginning at Skaggs Springs-Stewarts Point Road, about 1650 ft. elev.  
**Sonoma** **Kelly Road** (about 5.3 miles northwest from its intersection with Rockpile Road).  
**Sonoma** About 1/4 mile off road between Sonoma Lake and Anapolis  
**Sonoma** South of Mt. Tom at ca. 2000 ft. elev. 5.1 miles west on **Kelly Road** from Rockpile Road junction

## **A. hookeri** subsp. **hookeri**

## HOOKER'S MANZANITA

- Santa Cruz** **Calabasas Road** 0.75 mi s White Road  
**Santa Cruz** On w-facing slope near crest of main ridge separating CA Hwy 1 and **Larkin Valley Rd** (ca 0.5 km ne of Hwy 1 and 1.3 km ese of Mar Monte Ave. overpass, ca 9 km nw of Watsonville)  
**Santa Cruz** 0.2 mi SE of cul-de-sac on East Bel Mar Ave. **Watsonville airport** (0.4 mi NNW of VABM 522'; 1 mi ENE of La Selva Beach; ca. 2.5 WNW of) - Hills between **Larkin Valley** and CA Hwy. 1
- Monterey** 4 miles north of **Watsonville**, top of second major hill north of town  
**Monterey** **Ford Ord** Military Reservation.  
**Monterey** **Ft Ord** - Sandstone Cliffs east end of fort  
**Monterey** End of **McGuffie Rd**, ca. 1 mi W of US Hwy 101 on St Hwy 156, near Prunedale  
**Monterey** Ridge between Long Canyon and Strawberry Canyon (about 5 mi sw of Aromas)  
**Monterey** Prunedale **Manzanita Park** - Nr Manzanita Circle Prunedale  
**Monterey** Back of **Cypress Point** - Monterey Peninsula, Seventeen Mile Drive, Pine Barrens  
**Monterey** **Gowen Cypress Grove** Monterey Peninsula, Pt. Pinos Ridge  
**Monterey** On slopes of hill between Monterey and Carmel - Huckleberry Hill  
**Monterey** Del Monte Forest - **SFB Morse Botanical Reserve** (Woodyard) - Monterey Peninsula  
**Monterey** Pine Barrens back of **Cypress Point** near large reservoir, 17 Mile Drive, Monterey Peninsula. Alt. 500 ft.  
**Monterey** Along Pacific Grove- **Carmel Hwy.** 1.4 mi w of jct. with Hwy. 1 Elev. 500 ft.  
**Monterey** Point Lobos state Reserve - Marks addition

## A. hookeri subsp. hearstiorum (Hoover & Roof) P.V. Wells

- San Luis Obispo** Arroyo de la Cruz Canyon In grassland along edge of chaparral at SW rim of Arroyo de la Cruz, E of Hwy 1. First collection, prostrate-spreading shrub ca. 4 in high and 6 ft. across, dense with small lvs, flws dark pink above, white below.
- San Luis Obispo** Arroyo de la Cruz, 1.4 miles north of Elephant Seal viewing area  
**San Luis Obispo** North-facing slope of hill just to the s. of Arroyo de la Cruz. 1.5 mi. e. of State highway 1, 9.4 mi. n. of entrance to Hearst State Historical Monument, Arroyo de la Cruz
- San Luis Obispo** Arroyo de la Cruz In grassland along edge of chaparral at SW rim of Arroyo de la Cruz, E of Hwy 1.
- San Luis Obispo** S escarpment E of hwy at **Arroyo de los Chinos**; Hearst Ranch

## A. hooveri P.V. Wells

### HOOVER'S MANZANITA

- Monterey** Taken s. of **Lion peak** near the Gamboa Trail.  
**Monterey** Head of Nacimiento River Junipero Serra  
**Monterey** Carrizo Spring Junipero Serra  
**Monterey** Near Los **Bueyes Rd**, ca. 0.75 km W of Generals Reservoir, ca. 3.2 km NW of confluence of Los Bueyes and Los Burros Crks  
**Monterey** 3/4 mi s **Chalk Peak**  
**Monterey** W slope of peak near junction of Gamboa and Stone Ridge trails -**Cone Peak**  
**Monterey** **Cone Pk Rd**, 4 mi N of Nacimiento-Fergusson Rd  
**Monterey** Along road leading n. from summit of Nacimiento Pass toward **Cone Peak**  
**Monterey** Hill above **Point Gorda**, n. slope.  
**Monterey** 4 km SSE of **Chalk Pk**, ca. 5.3 km NW of Basket Spring, ca. 2.3 rd km SE of jct of **Coast Ridge Rd** and McKern Trail  
**Monterey** **Burma Rd.**; immediately downhill from intersection with South Coast Ridge Rd  
**Monterey** Atop Peak 4388 on the ridge between Middle and South Forks of **Devil's Creek**.  
**Monterey** **Nacimiento Rd 6.6** mi e State Hwy 1 (se-facing road bank near summit)  
**Monterey** Dry slope, **Alder Creek** Forestry Camp  
**Monterey** **Willow Creek Road**, 6.3 mi east of Calif. Hwy 1 north of Gorda  
**Monterey** **South Coast Ridge Rd**, at head of San Miguel Crk, ca. 3.5 map km SSE of Chalk Pk, ca. 5.5 map km NE of mouth of Plaskett Crk

**Monterey** 4.9 road miles along **Plaskett Creek Road** from junction highway 1  
**Monterey** 4.4 miles e. on **Plaskett Creek Rd.**  
**Monterey** **Plaskett Ridge Road** 0.5 mile north of Apple Camp. Chalk Mountain Region.  
**Monterey** On **Los Burros Road**, road to Alder Peak, 8 km east of Highway 1.  
**Monterey** Devil's Creek Big Creek Tributary - Trail on S ridge above

**San Luis Obispo** Cypress Swamp, N side of Cypress Mtn  
**San Luis Obispo** **Pine Top Mt.** s of San Carpoforo Creek.  
**San Luis Obispo** Between **Rocky Butte** and Pine Mt., Santa Lucia Mtns.

## **A. imbricata** Eastw. SAN BRUNO MOUNTAIN MANZANITA

**San Mateo** San Bruno Mountain, Kamchatka Point  
**San Mateo** San Bruno Mountain, Summit of mountain: ca. 100 m east of the summit parking lot at the eastern extent of public road access. 1250 feet  
**San Mateo** Lateral ridge below and se of end of paved ridgetop rd just e of KRON TV tower and station (on Guadalupe Valley side of mt.) - San Bruno Mountain  
**San Mateo** Summit of San Bruno Mountain, along fire road 120 m e from summit parking lot  
**San Mateo** San Bruno Mountain, northern slope of mountain 0.3 miles N22d W of summit,  
**San Mateo** On knob below end of paved road at top of San Bruno Mountain, alt.350 m.  
**San Mateo** W. end of ridge behind NBC Television Station, San Bruno Mtns.

## **A. incognita** J. Keeley A. Massihi, J. Delgadillo & S. Hiraes

**Baja Calif** 2 km SE of Carmen Serdan, 550 m.  
**Baja Calif** NE side of Cerro Italia and surrounding hills  
**Baja Calif** N side of Cerro Bola- lower elevations  
**Baja Calif** 24.5 km NE of La Mision on road to San Jose de la Zorra, 340 m.  
**Baja Calif** 22 km NE of La Mision on road to San Jose de la Zorra, 370 m.

## **A. insularis** Greene ex Parry

**Santa Barbara** Santa Cruz Island: S of Valley Rd, half-way up Buena Vista grade  
**Santa Barbara** Santa Cruz Island: N of **Lagunitas Secas**, on W side of upper portion of 3-forked cyn which drains into ocean between Cueva Valdez and Arch Rock  
**Santa Barbara** Santa Cruz Island: N side of Los Torres Ridge, 1 mi W of intersection of San Justiniano and Coches Prietos Rds  
**Santa Barbara** Santa Cruz Island, West of **Prisoner's Harbor**  
**Santa Barbara** Collected on ridge about .25 mi. w. of **Prisoner's Harbor**  
**Santa Barbara** Santa Cruz Island: Channel, between **Prisoners' Harbor** and **Pelican Bay**  
**Santa Barbara** Santa Cruz Island: Central Valley, c. 1/2 mi. W of UCSB Feild Station c. 34° 00' N, 119° 44' W. alt. c. 350 ft.  
**Santa Barbara** Santa Cruz Island: near **Pelican Harbor**  
**Santa Barbara** Santa Cruz Island: **Frys Harbor**  
**Santa Barbara** Santa Cruz Island: between Cyn del Portezuela and La Centinela  
**Santa Barbara** Santa Cruz Island Ridge to S of cabin near Buena Vista Summit, interior of Island; elev. 1600 ft.  
**Santa Barbara** Santa Cruz Island Santa Cruz Island: at upper end of **Christi Canyon** east of Christi ranch  
**Santa Barbara** Santa Cruz Island Ridge to S of cabin **near Buena Vista Summit**, interior of Island; elev.  
**Santa Barbara** Santa Cruz Island: near head of **Laguna Cyn**, just E of Centinela and just N of Ridge Rd

## **A. klamathensis** S.W. Edwards et al. KLAMATH MANZANITA

**Trinity** **Scott Mountain Summit**, logging road into Miller Creek watershed ca. 0.3 mi S of campground at the summit of the pass  
**Trinity** **Scorpion Lake**, Trinity Mountains, westerly upper flank Bonanza King

**Trinity** Along Forest Service Road 38N85 to the **Bonanza King Lookout**.  
**Trinity** **Seven Lakes Basin** Trinity Mts.  
**Trinity** Approx. 2.1 air mi. WSW of Whalan Summit. UTM 10 542731 E 4556329 N  
**Trinity** E-facing slopes of **Panther Rock**  
**Trinity** Jeep trail east of **Tamarack Lake**, west of Castle Crags  
**Siskiyou** Around the little lake above and to east of **Upper Cliff Lake**  
**Siskiyou** 0.5 km sw **Terrace Lake** (N41.198, W -122.482.)  
**Siskiyou** Mumbo Basin  
**Siskiyou** Slate Mountain  
**Siskiyou** Jeep trail e **Tamarack Lake** (Shasta-Trinity Co. line)  
**Siskiyou** Siskiyou National Forest; Happy Camp-O'Brien; Indian Creek Road; Jefferson State **Scenic**  
**Del Norte** **Byway** (these plants are white-glaucous, non-glandular. Appear to be hybrids *canescens* x *nevadensis*)

## **A. luciana** P.V. Wells SANTA LUCIA MANZANITA

**San Luis Obispo** East of Hwy 101 at Cuesta Pass-road with locked gate opposite side of Hwy from road going to radio tower. (gate combo USFS 1616 or 0796 or 0196 Matt Ritter, Cal Poly 805-550-7033)  
**San Luis Obispo** Black Butte Research Natural Area **Cuesta Ridge East**. Los Padres National Forest. On white marine shale, thin or no topsoil. Along access rd. on western boundary. Shrub, 3 ft. No burl, bark smooth, dark. Flwrs pinkish.  
**San Luis Obispo** East of Cuesta Pass along forest service rd. 1.8 mi E of Hwy 101 toward radio towers. T30S, R13E, Sec 6-8 Elev. 2100 ft.  
**San Luis Obispo** By TV tower, 6.4 miles NW along **Cuesta Ridge West**, road from Cuesta Pass; elev. 2700'  
**San Luis Obispo** 2 mi E of Cuesta Pass off US Hwy 101  
**San Luis Obispo** Population sample about 2 miles southeast of Cuesta Pass at **Lopez Canyon**  
**San Luis Obispo** Ridge west of bend of **Lopez Canyon**, in shale.  
**San Luis Obispo** Santa Lucia Mtns: **Klau Mine**, Adelaida District, W of Paso Robles  
**San Luis Obispo** 1 1/4 mi w Gay Mountain  
**San Luis Obispo** **Klau Mine**, 0.6 mi S of Buena Vista Mine along **Cypress Mountain Road**, SW of Adelaida  
**San Luis Obispo** Approx. 1/2 m. north of **Mt. Lowe**; but also throughout the RNA on the main ridge  
**San Luis Obispo** Cuesta Pass, on bank above west side of highway exactly at summit.  
**San Luis Obispo** SE of Los Osos. Swift Ranch, starting 2 mi. S of Los Osos Valley Rd on **Clark Valley Rd**.  
**San Luis Obispo** (*A. pechoensis*?)

## **A. malloryi** (W. Knight & Gankin) P.V. Wells MALLORY'S

**Shasta** From Highway 299, n on **South Fork Mt Rd** 100 M e of Whiskeytown Lake Visitor's Center. 7.0 rd mi n on South Fork Mt. Rd.  
**Shasta** West of Iron Mtn. on **South Fork Mtn. Rd.**, 7.2 mi N of Hwy. 299, W. of Redding  
**Shasta** On ridge 1 mile north of Iron Mountain and 1 mile east of **Mad Ox Mine**  
**Shasta** 9.7 miles north of U.S. Hwy 299 on road leading almost directly across Hwy 299 from Whiskeytown Reservoir Visitor's Center (Gate open during deer hunting season).  
**Shasta** **Shirrtail Peak** (ca. 15 air miles NW of Redding), single shrub on the summit of the peak  
**Shasta** **Deer Lick Knob Rd.** (Forest Route 1) 13.6 mi N of Hwy. 36 (via Harrison Gulch Rd.), NW of Platina  
**Trinity** Between Douglas City and Platina on Deer Lick Knob Rd. (FR 1) ca. 2 mi (air) E of **Deer Lick Springs**, 4.4 mi N of Corral Gulch Rd. to Deer Lick Springs Camp-ground (FR 30N02)  
**Mendocino** End of BLM access road, **Red Mountain** North (23 KM east of Hwy. 101 E of Leggett  
**Mendocino** **Red Mountain** Shrub to 2 meters, often less. This a rare individual in bloom. Summit with *Quercus vaccinifolia*. Bark smooth, no burl. Peridotite substratum. Border of Humboldt Co. immediately to N. Intermediate between **A. canescens** & **A. viscida**?  
**Colusa** 2 mi. SW of **Trough Springs** on road to Upper Lake from Stonyford

## A. manzanita subsp. manzanita COMMON MANZANITA

<b>Siskiyou</b>	McGinnis Springs, 5 mi. NW of <b>McCloud</b> , Shasta- Trinity National Forest, S of <b>Mt. Shasta</b> .
<b>Trinity</b>	Hwy 299 0.8 mi e Helena P.O. (along river) - Trinity River
<b>Trinity</b>	At Foss Camp Spring, 1.3 km south of <b>Red Mountain</b> ; head of Red Mountain Creek
<b>Trinity</b>	Hennessey Rd leading up <b>South Fork of Trinity River</b> - North Coast Ranges, Koon Ranch
<b>Trinity</b>	2 mi w <b>Hayfork</b>
<b>Trinity</b>	La Grange Mine between Junction City & Weaverville
<b>Trinity</b>	Ridge betw. Mad River and Hettenshaw
<b>Trinity</b>	SW slope where road goes through cut between Hawkins Creek and Cedar Creek drainage (ne of Hawkins Bar) - Trinity Summit Range, <b>Happy Camp Mountain</b>
<b>Trinity</b>	<b>Happy Camp Mountain</b> (In Trinity Summit Range, northeast of Hawkins Bar.) On dry SW slope where road goes through cut between Hawkins Creek and Cedar Creek drainage.
<b>Trinity</b>	Along Mad River, 5 8/10 mi. above <b>Eureka</b> - Red Bluff Road on road to Ruth
<b>Trinity</b>	Ridge between Mad River and Hattenshaw Valley. Alt. 3900 feet.
<b>Trinity</b>	About 3 mi s Kuntz - <b>Van Duzen River</b>
<b>Trinity</b>	Between Beegum and Wildwood on old road from Red Bluff to Fortuna
<b>Shasta</b>	<b>Redding</b>
<b>Shasta</b>	N side of A16 4/10 mile NE of <b>Hwy 36</b>
<b>Shasta</b>	<b>Hwy 36</b> , .8 mi. s.e. of <b>Platina</b> , between Fortuna and red Bluff
<b>Humboldt</b>	Brannan Mt. near <b>Willow Creek</b> .
<b>Humboldt</b>	Mts. near <b>Willow Creek</b> (1st ridge west of Trinity River on Willow Creek Road)
<b>Humboldt</b>	6.8 mi. SW from Siskiyou-Humboldt Co. line, somesbar to Orleans.
<b>Humboldt</b>	Vcinity of Garberville
<b>Humboldt</b>	3 mi. n. of Whitethorn, across from the Califonria Dept. of Forestry Fire Station. (John Sawyer)
<b>Humboldt</b>	1/2 mi nw Neafus Peak
<b>Humboldt</b>	<b>Klamath River</b> at Orleans
<b>Humboldt</b>	Junction, South fork of the Trinity and <b>Trinity River</b>
<b>Mendocino</b>	SW <b>Ukiah</b> - Mendocino Range, Gould's Ranch
<b>Mendocino</b>	Ridgewood summit, 5 mi. se. of <b>Willets</b> .
<b>Mendocino</b>	Blue Rock Ridge, between Cummings and Bell Springs.
<b>Mendocino</b>	Near <b>Laytonville</b> - North Coast Ranges, Long Valley
<b>Mendocino</b>	S. fork of <b>Eel River</b> .
<b>Mendocino</b>	<b>S. fork of Eel River</b> , about 6 mi. s. of Redwood Camp and 12 mi. nw. of Cummings (on state highway).
<b>Mendocino</b>	2 mi s <b>Branscomb</b>
<b>Mendocino</b>	Orr Springs Rd., ca 2.7 mi. w. of Orr Hot Springs Resort above s. fork Big River.
<b>Mendocino</b>	<b>South Fork of Eel River</b> , at the Humboldt-Mendocino Co. line.
<b>Mendocino</b>	On the <b>Geysers Rd.</b> near Mercuryville at junction of private road to Sulphur Peak.
<b>Mendocino</b>	Between Yorkville and <b>Boonville</b> at corner of Bog Oaks Drive and state route 128.
<b>Tehama</b>	Greasewood Hills <b>Yollo Bally Mountains</b>
<b>Tehama</b>	1 mi. above Cedar Spring on <b>Paskenta</b> - Covelo Road. Alt. 4000 ft.
<b>Lake</b>	<b>Blue Lakes grade</b> to Ukiah Mountain region of Clear Lake, Mayacamas Mts
<b>Lake</b>	obsidian fields s <b>Mt. Konocti</b>
<b>Lake</b>	Top of mt Elk Mt. (on road to <b>Lake Pillsbury</b> )
<b>Lake</b>	Cache Creek Wilderness area, northern part of wilderness, accessed via DFG property (Redbud Trail), route taken goes overland to Rocky Creek
<b>Lake</b>	Four miles sout of Lower Lake in the Oak Belt of the Upper Sonoran Life Zone. It grew in open places along State Hwy 53.Four miles sout of Lower Lake in the Oak Belt of the Upper Sonoran Life Zone. It grew in open places along State <b>Hwy 53</b> .
<b>Glenn</b>	At Manzanita Spring; south side of ridge about 1.4 km east of Doe Peak, <b>Grindstone Creek</b>
<b>Glenn</b>	Alder Creek.
<b>Colusa</b>	Vicinity of Sites, hills N of the Sites-Lodoga Rd, and Stone Corral Creek



**Colusa** Foothills along CA-16 and Bear Creek, 7.0 miles south of the junction with CA-20; just north of the Yolo County line

**Colusa** Between Lewisville and Ladoga.

**Colusa** Three mi. e. of the North Fork of Cache Creek Bridge on State **Hwy #20**.

**Yolo** N bank of creek 8.6 mi w Winters - **Putah Creek**

**Yolo** Tuleyome Ireland Ranch. In inner coast range northwest of the City of Winters between Salt Creek and Enos Creek, just north of Wild Cow Mountain. SW portion of ranch

**Yolo** Bobcat Ranch lands to the north of Hwy 128, just east of Monticello Dam. Bray Canyon. East side of Bray Creek

**Sonoma** Near **Healdsburg** (creek is branch of Mill Creek) - North Coast Ranges Wild Hog Ridge, headwaters Palmer Creek

**Sonoma** **The Cedars** Ride north of Cazadero, northwest of King Ridge Road at source of Big Austin Creek on serpentine.

**Sonoma** A couple of miles down Kelly Road west of **Rockpile road** junction.

**Sonoma** 4 mi sw Lake-Sonoma Co. line (nw to w slope **Mt. St. Helena**)

**Sonoma** hillsides between **Franz Valley** and Knight's Valley

**Sonoma** Near **Healdsburg** (creek is a branch of Mill Creek) Wild Hog Ridge,

**Sonoma** 8-10 mi e **Santa Rosa** (n-facing slope of canyon) - Santa Rosa Creek Canyon

**Sonoma** Sugarloaf Ridge State Park. E of **Santa Rosa**, 2.5 air miles NE of Kenwood and 18 air miles NW of Napa. South of Sonoma Creek along Hillside Trail

**Sonoma** Residence of M. S. Baker **Mt. Hood** (w base of mt.)

**Sonoma** Off Hwy 12 about 2 mi ne Santa Rosa - **Rincon Ridge**

**Sonoma** **Vine Hill School Rd**

**Sonoma** on the Grunville Road about 2 mi n Graton

**Napa** Along **St. Helena Road** and West Creek, 1.2 miles west of Sonoma - Napa County line, about 6 miles from St. Helena.

**Napa** Yolo Co/Napa Co line; McLaughlin Reserve, southwest side of Hunting Creek, on east-facing slope of "Research Hill"

**Napa** Napa County: Ridge above Lake Hennesy and Hwy 128 to the E of the Napa Valley

**Napa** On Knoxville Road 11.2 mi n State **Hwy 128**

**Napa** About 3 miles east of **Calistoga**, near the foot of the grade up Mt. St. Helena on a steep clay bank.

**Solano** Gates Canyon **Vaca Mountains**

**Solano** Upper end of Green Valley near Cordelia. Plentiful on gravelly hillsides.headwaters of Palmer Cre

**Contra Costa** In **El Sobrante** on Skyline Drive.

**Contra Costa** Opposite 5996 Skyline Drive, **El Sobrante**.

**Contra Costa** **Morgan Territory** Regional Land Bank. Above rimrock of Marsh Creek Canyon.

**Santa Clara** Loma Prieta Peak. (1903)

**Santa Clara** Mostly on small lobe of Blue Ridge, Henry Coe State Park, se of Mt. Hamilton and e of Margan Hill, 1.5 mi nw of Mt. Sizer. (Roger Raiche 1984)

**Santa Clara** Ridge NE Mt. Hamilton

**Santa Clara** Henry COE State park. This ridge is SE of Mt. Hamilton and E of Morgan Hill. This ridge contains Mt. Sizer and this population is about 1 1/2 mi. NW of it (Roger Raiche)

## CENTRAL VALLEY

**Sutter** E side North Butte - **Marysville Buttes**

**Sutter** North peak **Marysville Buttes**

**Sutter** Myers Ranch, **Sutter Buttes** - south slope near the south fence line,

**Sutter** Slopes of **west butte**, Marysville Buttesabout 3/4 mile south-west of Myer's home

## CASCADE – SIERRA

**Shasta** Cottonwood

**Tehama** E side of Manton Rd. (A6) at the NE corner of Dales Lake Ecological Reserve,

<b>Tehama</b>	Cascade Range Foothills. E side of Manton Rd. (A6) at the NE corner of Dales Lake Ecological Reserve, ca. 1 mi N of Dales Station on Hwy. 36, ca. 14 mi NE of <b>Red Bluff</b>
<b>Tehama</b>	About 25 air miles NW of Orland, vicinity of Rocky Ridge, Williams Butte, and Garland/Round Valley Rd
<b>Butte</b>	<b>Bidwell Park, Chico</b> , near the road ca 100 ft E of the parking area 2.7 mi E of the junction of Upper Park Rd and Wildwood Ave
<b>Butte</b> <b>Butte</b>	Flora of Table Mt. Abundant at the W edge of <b>North Table Mt.</b> N of Cherokee Rd Canyon of Rock Cr. NW of Cohasset and Cohasset Ridge. Lower canyon slope between Cohasset Hwy and creek 1 mi N of Dales Station on Hwy. 36, ca. 14 mi NE of Red Bluff
<b>Butte</b> <b>Butte</b> <b>Butte</b>	50 ft E to Cohasset Hwy, ca. 2 mi N of <b>Cohasset</b> Along <b>Hwy 32</b> , 9.4 mi NE of junction with Hwy 99 in <b>Chico</b> On Neal Rd. down from <b>Paradise</b> . ½ mile above the water fountain ("water fountain" = probl. Elliot Spring House; M. S. Taylor 1/2/81)
<b>Butte</b> <b>Butte</b>	Neal Road 3 miles west of <b>paradise</b> near the upper limit of the Upper sonoran Life Zone. In foothill woodland south of Chrookee on road to <b>Oregon City</b> .
<b>El Dorado</b> <b>El Dorado</b>	Rocky outcropping e <b>China Mtn.</b> (ca 6 mi s of El Dorado) 6.5 miles south of El Dorado on State <b>Highway 49</b> .
<b>Amador</b> <b>Amador</b> <b>Amador</b> <b>Amador</b> <b>Amador</b> <b>Amador</b> <b>Amador</b>	Jct of <b>Willow Creek Rd</b> , and Hwy 124, north of Ione. Buena Vista <b>Plymouth</b> 14.5 mi. from Jackson toward <b>Placerville</b> . (Plymouth Road) Sugar Loaf <b>Jackson</b> About 1 mile south-east of <b>Fiddletown</b> Lancha Plancha (Plana) <b>Mokelumne River</b> (n side of river)
<b>Calaveras</b> <b>Calaveras</b> <b>Calaveras</b> <b>Calaveras</b> <b>Calaveras</b> <b>Calaveras</b>	2.1 miles up Hawver Road and ca. 3.5 miles N of <b>San Andreas</b> , alt. ca. 1500 ft. <b>SW Angels Camp</b> - Bear Mts. Near <b>Mokelumne Hill</b> . Copperopolis 2.1 miles up Hawver Road and ca. 3.5 miles N of <b>San Andreas</b> . Between <b>Murphy's</b> and Calaveras Big Trees.
<b>Stanislaus</b> <b>Stanislaus</b>	Knight's Ferry Near Modesto in hills
<b>Tuolumne</b> <b>Tuolumne</b> <b>Tuolumne</b>  <b>Tuolumne</b>  <b>Tuolumne</b> <b>Tuolumne</b> <b>Tuolumne</b> <b>Tuolumne</b>	Nigger Gulch <b>Columbia</b> Just behind <b>La Grange Dam</b> (vicinity of La Grange, Tuolumne Co. line) - Tuolumne River Canyon Northwest flank of Table Mountain, above Old Peoria Flat Road along Table Mountain Trail; about 4.2 air km southwest of <b>Jamestown</b> Red Hills, 4.2 air km west-southwest of Chinese Camp; along South Serpentine Loop Road about 2.1 km northwest of Red Hills Road Hwy between <b>Sonora</b> and Columbia Just below <b>San Pedro Dam</b> . In belt of metamorphic rocks at <b>Tuolumne River</b> bridge, 2.5 miles east of Jacksonville. 1 mi west of Keystone near junction of <b>Copperopolis Road</b>
<b>Mariposa</b>	Five mi w Coulterville - Sturtevant Ranch five mi w Coulterville - Sturtevant Ranch (1939)
<b>Tulare</b> <b>Tulare</b>	Coffee Camp, Hwy 190, 8 km E of Springville 600 M. (Keeley 1994) Near gate of Clemmie Gill School of Science and Conservation. Alt. 2500 ft.
<b>Kern</b>	Rocky ridge near headwaters of Lumreau Creek, about 3 miles southeast of Glennville, on Farnsworth Ranch (John Thomas Howell 1976) ( <b>doubtful</b> )

## **A. manzanita** subsp. **elegans** (Jeps.) P. V. Wells KONOCTI MANZANITA

<b>Shasta</b>	Top of <b>Brushy Mountain</b> (ridge); along Road 29N28 4.3 km north of junction of Roads 30 & 35 (and the junction of Shasta, Tehama, & Trinity County lines). Northeast-facing slope at top of ridge
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<b>Trinity</b>	On ridgetop 2.4 km north of <b>Red Mountain</b> . Vernal pool on ridgetop
<b>Humboldt</b>	<b>Hwy 36</b> , 2km W of Cobbs
<b>Mendocino</b>	10-15 miles so. to sw. of Boonville on Fish Rock road which is about 20 mi. inland.
<b>Colusa</b>	On top of Hornet Nest Ridge, between Hornet Nest Spring and Hornet Nest Hill; about 6.4 km southwest of <b>Stonyford</b>
<b>Colusa</b>	Between Foutch Camp and Trout Creek crossing - <b>Snow Mt.</b>
<b>Colusa</b>	Trail just above Summit Springs (Colusa-Lake Co. line) - <b>Snow Mt.</b>
<b>Glenn</b>	Ivory Mill Rd. 7.0 mi. w. of junction of 20N01 and Rd. 308 at Mendocino Nat'l Forest boundary
<b>Glenn</b>	On Mount St. John road, 4.6 miles from summit in Stony Creek watershed
<b>Glenn</b>	Adjacent to Valley View Spring; at southern end of <b>Log Spring Ridge</b> .
<b>Glenn</b>	Vicinity of Rocky Ridge, North Fork Stony Creek, and Newville Road.
<b>Glenn</b>	On hwy ca 1 mi e <b>Alder Springs</b>
<b>Glenn</b>	On <b>Mt. St. John Road</b> 4.6 miles from summit in Stony Creek watershed
<b>Tehama</b>	5.7 mi w Mud Flat Service Camp (road from <b>Paskenta</b> to Covelo)
<b>Tehama</b>	Round Valley Rd. (M4) 5.8 mi W of Newville Rd., W of Salt Creek Conservation Camp
<b>Tehama</b>	East side of Forest Service Road 23N04 (Valley View access road); 6.8 miles south of junction with Forest Service Road 23N02
<b>Tehama</b>	West of <b>Paskenta</b> , near <b>Eagle Peak Lookout</b> , road to Eagle Peak, ca 1.0 mi. short of lookout. (Roger Raiche)
<b>Lake</b>	Upper Main Eel River watershed. N of <b>Lake Pillsbury</b> , Oak Flat Campground and 20N01. About 1/8 mile E of Gravelly Valley Airstrip; by "p" in Airport on quad
<b>Lake</b>	Obsidian side ridge s <b>Mt. Konocti</b> (3 mi s of Kelseyville) - Uncle Sam Mountain
<b>Lake</b>	Obsidian side ridge south of <b>Mt. Konocti</b> on Uncle Sam Mountain, 3 miles south of Kelseyville
<b>Lake</b>	Highland springs; <b>Mayacamas Mt</b> , Dobe Creek, elev. 2000 ft
<b>Lake</b>	Cold Creek canyon, 2 miles south of Kelseyville and 1 mile southwest of Mt. Konocti; elev. 1650 ft
<b>Lake</b>	<b>Snow Mountain West</b> , 2 miles east of Potato Hill; elev. 5000 ft
<b>Lake</b>	2 mi e Potato Hill (sw-facing slopes of mt.) - <b>Snow Mountain West</b>
<b>Lake</b>	S of Clear Lake, and Hwy 175 along Bottlerock Rd. 0.1 mile from Harrington Flat Rd. (Boggs Lake); elev. 3000 ft
<b>Lake</b>	State <b>Highway 29</b> ; 1/2 mile south of Hobergs
<b>Lake</b>	S of Clear Lake, and Hwy 175 along Bottlerock Rd. 0.1 mile from Harrington Flat Rd. (Boggs Lake); elev. 3000 ft
<b>Lake</b>	<b>Goat Mountain</b> , old Pacific lookout site. Spanish Creek watershed, near the Colusa County line.
<b>Lake</b>	4 miles from <b>Middletown</b> on road to Adams Springs
<b>Lake</b>	S Clear Lake (precisely at summit of grade, between Middletown and Kelseyville) - Cobb Mt., Loch Lomond
<b>Lake</b>	<b>Whispering Pines Resort</b>
<b>Lake</b>	2 mi s Kelseyville (1 mi sw of Mt. Konocti) - Clear Lake Watershed, Cold Creek Canyon <b>Napa</b>
<b>Lake</b>	Rocky flat near radar station (se of lookout on top of mt.) - <b>Mt. St. Helena</b>
<b>Napa</b>	<b>Top of Mt. St. Helena</b>

## **A. manzanita** subsp. **glaucescens** P.V. Wells

### WHITE LEAVED COMMON MANZANITA

<b>Humboldt</b>	Horse Mtn. Buck Flat, <b>Titlow Hill Rd.</b> , at Ammon Ridge Rd.
<b>Humboldt</b>	<b>Hwy 36</b> near Dinsmore
<b>Mendocino</b>	West of Yorkville
<b>Mendocino</b>	<b>Hwy 101</b> south of Willets
<b>Mendocino</b>	<b>Brandscumb</b>
<b>Sonoma</b>	<b>Rockpile Rd.</b> and Skags Spring Rd. Sonoma Co.
<b>Sonoma</b>	Next to Carlton Spridgeon's mailbox on Rockridge Lane, <b>Rincon Ridge</b> , Santa Rosa.
<b>Sonoma</b>	Pepperwood Preserve, Garrison Canyon
<b>Sonoma</b>	<b>King Ridge rd.</b> near "the Cedars"
<b>Napa</b>	Napa County: Brend-Morgan property, ca. 3 miles northeast of city of Napa (doubtful)

## **A. manzanita subsp. laevigata** (Eastw.) Munz

### MT. DIABLO COMMON MANZANITA

- Contra Costa** Mount Diablo, Head of **Sycamore Creek**  
**Contra Costa** Along **Black Diamond Trail** Black Diamond Regional Reserve - Black Diamond Trail, of the Black Diamond Regional Preserve, Contra Costa Co.  
**Contra Costa** Near firetrail w northeast fork of **Sycamore Creek** ("(turn off ridge at fence where main ridge bends abruptly to north, follow fence)") - Mount Diablo, Inner Black Hills  
**Contra Costa** Mount Diablo State Park, near **Balancing Rock** (ridge forming southerly watershed boundary Curry Creek Canyon)  
**Contra Costa** S face of ridge e **Rock City** Canyon - Mount Diablo, Rock City Ridge  
**Contra Costa** N face of canyon Mount Diablo, **Pine Canyon** (near top of ridge, approached up Diablo Stock Farm Canyon)  
**Contra Costa** 1.5 mi W of Cave Pt., Mt. Diablo Elev. 1850 ft.  
**Contra Costa** Head of Curry Canyon, Mt Diablo Elev. 1700 ft.  
**Contra Costa** 3/4 mile southwest of **Somersville**  
**Contra Costa** 1 mile East of Round Valley

## **A. manzanita subsp. wieslanderii** P.V. Wells

### COAST RANGE

- Tehama** **Mendocino N. F.** along F.S. Rd. 23N06 2 mi. W. of Davies Ridge, near head of Scott Ck.C

### CASCADES

- Shasta** 1/2 mile S of Hwy 44 on **Darrah Springs** road, in vicinity of **Shingletown**  
**Shasta** Eastern Shasta County in the vicinity of **Shingletown**. 1 mile nne of summit of Black Butte  
**Shasta** Junction Ash Creek and road from **Hwy. 44** to Darrah Springs; in eastern Shasta County  
**Shasta** About 1/4 mi w Midway (just n of **Hwy 44**)  
**Tehama** Off **Hwy 32** between Butte Meadow turn-off and Potato Patch  
Campground. Follow County Road 27N08 west to one lane bridge over Deer Creek. The  
campground there has a trail heading west with the creek. Follow that trail approx. 2 miles.  
Along trail  
**Tehama** Along **Laynes Valley Road** 4.5 km northwest of **Hwy 36**; about 3.5 km north-northeast of  
**Inskip Hill**  
**Tehama** Base of **Inskip Hill**, just west of Paynes Creek

## **A. manzanita subsp. roofii** (Gankin) P.V. Wells

### COAST RANGE

- Trinity** **Hayfork Valley**. Just east of Big Creek Road about 1 mile north of Hayfork Highway (James Mallory)  
**Glenn** 2.8 mi. s.e. from Tehama-Mendocino-Glenn Co. jct., between **Paskenta** and **Alder Springs**  
**Glenn** **Near Hull Rd.** (Rd. 313) 11.4 mi W of Rd 306. This is very close to the type locality which is listed at 11.5 mi W of Rd 306  
**Glenn** **Grindstone Rd** w of Elk Creek, 3.8 mi n its origin on Alder Springs Rd.  
**Glenn** W of Elk Creek, **Grindstone road**, 3.8 miles N of its origin on Alder Springs road, alt 2400ft.  
**Glenn** **Hull Rd**, 11.5 mi NW of jct with Rd 306; ISOTYPE: A. roofii  
**Glenn** East-facing slope about 5 paces below Hull Rd.; near south edge of population; 11.5 miles NW from jct. Rd. 306 on **Hull Road**  
**Glenn** 3.9 miles west of **Alder Springs** cutoff junction. Old Forest Hwy 7 & Alder Springs Rd. Rattlesnake Ridge. One Bee Camp. Along 8N02, T19N, R8W (Vasey)  
**Tehama** **Mendocino N. F.** along F.S. Rd. 23N06 2 mi. W. of Davies Ridge, near head of Scott Ck.  
**Tehama** Jellys Ferry Road overlooking Sacramento River about 100 ft. below (James Mallory)

## CASCADES

**Butte** About 2 miles from Paradise on "skyway" to Chico  
**Butte** **Cohasset Ridge**; 2 miles north-northwest of Richardson Springs (near to pf grade)  
**Butte** **Cohasset Ridge** (near Sigler Lane)  
**Butte** 3/4 mile north of Ramsey Bar; ca. 10 miles northeast of Stirling City

## A. mewukka subsp. mewukka

**Siskiyou** Mott Airport Rd. and along I-5, south of Mt. Shasta City N 41\* 15.531 W 122 16.213 (3,205 feet)  
**Siskiyou** Along W A Barr Road, NW of Siskiyou Lake N 41\* 17.359 W 122\* 19.262

**Butte** On the south side of Ten Mile House Road, Upper Bidwell Park, about 3/8 mile (air) southwest of the intersection of Highway 32 and Ten Mile House Road, about 10 miles northeast of Chico (*ssp truei?*)

**Butte** About 100 yards southwest of the intersection of Forbestown Road and Black Bart Road, about 11 miles east of Oroville (*ssp truei?*)

**Butte** North side of Skyway 2.7 mi W of junction with Neal Rd. just east of overlook (*ssp truei?*)

**Plumas** Along road to Belden on Hwy. 70, on the N Fork Feather River. Along road to Belden on Hwy. 70, on the N Fork Feather River. (*ssp truei?*)

**Plumas** Sierra Nevada Lava cap ridge 1.5 miles west of Wheeler Peak and 1 mile south of Beardsley Mine on forest road 3.8 mile south of Green Flat, Plumas National Forest. (*ssp truei?*)

**Yuba** Gochette Ranch; 3 miles east of **Challenge** (*ssp truei?*)

**Nevada** Osborn Hill, Empire Mine State Park

**Nevada** Cedar Ridge

**Nevada** North Broomfield.

**Nevada** Cruzon Grade Rd. 5 mi. from North Columbia. In **Malakoff Diggins** State Park.

**Nevada** Puddingstone ridge 5 mi. e. of **North Columbia** on Graniteville Rd.

**Placer** 3 mi. above **Colfax** near the road.

**Placer** **Moody Ridge**, 2.3 mi. from Alta exit on I-80 up Casa Loma Road at probably **type locality**.

**Placer** Monte Vista, **Dutch Flat**.

**Placer** **Drum Forebay**

**Placer** Near **Blue Canyon** on Union Pac. R.R.

**Placer** N-facing serpentine slope just s Shirttail Public Camp (nr. headwaters of **Shirttail Creek**, 6 mi e of Iowa Hill) - Tahoe Nat. Forest

**Placer** Single plant in ditch on east side of Hwy 267 just south of Stewart St. north of **Kings Beach** **6,400 ft.**

**El Dorado** 3 air mi NNW of Placerville; **South Fork of American River** on the west side of Calif. **Hwy 193**

**El Dorado** **Peavine Ridge**, on road to Soldier creek, 6 km W of Icehouse Rd. E. of Placerville.

**El Dorado** **Sly Park Reservoir**; 1 mile above Gankin home; 1/2 mile west of Pacific House

**El Dorado** NE of Lake Edison, Leonardi Springs

**El Dorado** Along **Ice House Road**; 1.7 road miles from Highway 50

**El Dorado** **Mormon Emigrant Trail**, 6.0 miles east of its junction with Sly Park Road (Jenkinson Lake)

**El Dorado** Ice House Rd. just north of Hwy 50 jct.

**El Dorado** Near bridge on North Fork of Consumes River at road nw. of Youngs (**Somerset**).

**El Dorado** Scattered along Hwy 50 between **Pollock Pines** and **Kyburs**, mostly on north side of Hwy.

**Amador** Miwuk Indian Reservation, Jackson Rancheria

**Calaveras** Lili Valley Rd, off Wintum rd. north of **West Point**.

**Calaveras** Road from Murphy's (n) to **Big Trees** - San Antonio Canyon

**Calaveras** Along road between Avery and Big Trees

**Calaveras** 3.5 mi n **San Andreas** (2.1 mi up Hawver Rd)

**Calaveras** 6 mi w **Calaveras Big Trees**

**Tuolumne** Bald Mt., Cold spring, alt. 5700 ft.- *Arctostaphylos pastillosa* W. L. Jepson



<b>Tuolumne</b>	9.5 miles east of <b>Sonora</b> .
<b>Tuolumne</b>	Hwy 108 Mi-Wuk Village
<b>Tuolumne</b>	Roadside slope along <b>highway 108</b> , 4.7 mi. e. of Bumble Bee.
<b>Tuolumne</b>	Mather Rd. west of Mather
<b>Tuolumne</b>	2 mi e Sugar Pine
<b>Tuolumne</b>	Priest Hill grade by <b>Oak Flat Rd.</b>
<b>Tuolumne</b>	<b>Big Oak Flat Rd.</b>
<b>Tuolumne</b>	Twain Harte.
<b>Tuolumne</b>	River Mile 19.1 in Clavey drainage, 0.4 airmi. NNE of confluence of Clavey River and Hull Creek.
<b>Tuolumne</b>	Evergreen Rd. c. 2 mi. north of junction with Highway 120.
<b>Mariposa</b>	2 miles S.S.E. of Telegraph Hill, <b>Sonora</b> .
<b>Mariposa</b>	Hwy 49 3.8 mi w Bagby (top of grade, Bear Valley to Bagby)
<b>Mariposa</b>	Yosemite – <b>Foresta</b>
<b>Mariposa</b>	Mountain n. of <b>El Portal</b> .
<b>Mariposa</b>	1/2 mile N.E. of Trumbull Peak, <b>Yosemite</b> .
<b>Mariposa</b>	3 mi. from Coulterville on road to Bower's Cave.
<b>Mariposa</b>	<b>Highway 140</b> ; 7 mi. n. of Mariposa.
<b>Fresno</b>	Along <b>Highway 180</b> toward Kings Canyon, southwest of McKenzie Ridge, and near Black Oak Flats. North of the upper parts of Milk Ranch Canyon. Near the middle where 180 makes the zig-zag.
<b>Fresno</b>	Along Highway 180 toward Kings Canyon, southwest of McKenzie Ridge, and near Black Oak Flats. North of the upper parts of Milk Ranch Canyon. Near the middle where 180 makes the zig-zag.
<b>Fresno</b>	77 km E of Fresno - confluence of the S Fork & Middle Fork of Kings River.
<b>Tulare</b>	One half mi e Clough Cave - <b>Sequoia National Park</b>
<b>Tulare</b>	<b>Giant Forest</b>
<b>Tulare</b>	<b>Mineral King</b> to Hammond
<b>Tulare</b>	S. of Sequoia Basin on ridge. Southern Sierra Nevada.
<b>Tulare</b>	West of Atwell Campground along <b>Mineral King Rd.</b>

## **A. mewukka** subsp. **truei** (W. Knight) P.V. Wells

<b>Shasta</b>	Along East County Line Road, off <b>Buckhorn Summit</b> (J. Sawyer)
<b>Plumas</b>	<b>Injun Jim Campground</b> at confluence of Granite Creek and North Fork of Feather River.
<b>Plumas</b>	2 miles from Quincy Junction on road to Mt. Hough
<b>Plumas</b>	Arid slopes adjacent to old abandoned county road ca 400 feet above (elevation) Highway 70 north of Highway and Indian Creek, due north of Indian Falls
<b>Plumas</b>	2 miles northwest of Spring Garden
<b>Plumas</b>	Vicinity of <b>Blairsden</b>
<b>Plumas</b>	Abundant along N side of <b>Hwy 32</b> ca. 1.8 mi S of <b>Chester</b>
<b>Plumas</b>	1.5 miles west of <b>Wheeler Peak</b> and 1 mi south of Beardsley Mine, on forest road 3.8 miles south of Green Flat
<b>Butte</b>	Near Ponderosa Way, about 3 mi S of the Ponderosa Dam on the South Fork of the <b>Feather</b>
<b>Butte</b>	One mi above <b>Cohassett</b> school house
<b>River,</b>	About 3 mi NW of <b>Forbestown</b>
<b>Butte</b>	On Neal Road w Optimo Lodge (between Paradise and Magalia)
<b>Butte</b>	27 mi. n. of Chico, state <b>Hwy. 32</b> .
<b>Butte</b>	A half mi w Ten Mile House (E of <b>Chico</b> )
<b>Butte</b>	Between Bryant Ravine and <b>Feather Falls</b> .
<b>Butte</b>	Above Foreman Creek, ca. 0.5 mi W of 23N5.5, ca. 1.5 mi S of its jct with Four Trees Rd, ca. 0.5 mi W of <b>Oroville-Quincy</b> Hwy, ca. 2 air mi W of Elks Retreat
<b>Butte</b>	Top of <b>North Table Mt.</b> , at its NW corner, center W edge of section 32.
<b>Butte</b>	Above Foreman Creek, ca. 0.5 mi W of 23N5.5, ca. 1.5 mi S of its jct with Four Trees Rd, ca. 0.5 mi W of Oroville-Quincy Hwy, ca. 2 air mi W of Elks Retreat
<b>Butte</b>	S side of Hwy 70 just E of Heinz Creek, ca. 1 mi E of <b>Pulga</b>
<b>Butte</b>	E side of rd 23N02, ca. 2 mi E of Rag Dump, ca. 6 air mi NE of <b>Magalia</b>
<b>Butte</b>	Junction of <b>Forbestown Rd.</b> and Black Bart Rd.
<b>Butte</b>	About 100 yards southwest of the intersection of <b>Forbestown Road</b> and Black Bart Road, about 11 miles east of <b>Oroville</b>

- Butte** Near Coutolenc Rd. ca. 0.1 mi N of the Skyway on the N edge of the **Magalia** Serpentine  
**Butte** Miles north of Stirling City west of the Skyway, several hundred meters NW of Breedlove Reservoir along edges of dirt road that  $\pm$  parallels the Skyway
- Butte** Above Foreman Creek, ca. 0.5 mi W of 23N5.5, ca. 1.5 mi S of its jct with Four Trees Rd, ca. 0.5 mi W of Oroville-Quincy Hwy, ca. 2 air mi W of Elks Retreat
- Yuba** Kellogg Flat near Woodleaf. On La Porte Rd.  
**Yuba** Gochette Ranch; 3 miles east of **Challenge** (*ssp truei?*)
- Nevada** Hwy 20, **Penn Valley**. Single large plant 15 ft tall, no burl, on north side of Hwy. blooms earlier than *A. visicda* in area. Panicles with spreading floral bracts. 1,200 ft.

## **A. montana** subsp. **montana** MT. TAMALPAIS MANZANITA

- Marin** SE of junction of Rock Spr. Trail and West Pt. Road > **Mt. Tamalpais**  
**Marin** Along new road from Mt. Theatre to Rifle Range - Mt. Tamalpais  
**Marin** On **Bolinas road** 5.3 mi s Fairfax  
**Marin** Higher se slopes Mount Tamalpais  
**Marin** **Inverness Ridge**  
**Marin** **Lake Lagunitas**  
**Marin** N side of mt. below West Peak - Mt. Tamalpais  
**Marin** Marin Mun. Water Co. land, 3/4 mi. from Pan Toll Camp, Rattlesnake Canyon, Mt. Tamalpais, alt. 2000 ft.  
**Marin** **Pine Ridge** above Carson Creek  
**Marin** Big Carson Ridge.  
**Marin** Chaparral slope near **Alpine Lake**.  
**Marin** On old roadcut along N side Drake Blvd near **San Geronimo Rd.** Serpentine.  
**Marin** NNE of Hdqtrs. of Mt. Tamalpais St. Pk. E. of **Bootjack** Area along the Davis Trail just outside park boundary.  
**Marin** Near **Mill Valley** on Stinson Beach Rd.  
**Marin** E of **Bootjack** Area along the Davis Trail just outside park boundary; elev. 1700 ft.

## **A. montana** subsp. **ravenii** (P.V. Wells) V.T. Parker et al. PRESIDIO MANZANITA

- San Francisco** Sixty paces sw monument to Pacific War Dead (about 1/4 mi ne of Bakers Beach) - **Presidio** of San Francisco  
**San Francisco** Windswept slopes above **Baker's Beach**, San Francisco (1954)  
**San Francisco** Serpentine slope above ocean between Lands End and Golden Gate Bridge (1956)  
**San Francisco** **Laurel Hill Cemetery**; San Francisco (1938)

## **A. montaraensis** Roof MONTARA MANZANITA

- San Mateo** On top of **San Bruno Mountain** on Kamchatka Point near the TV tower Alt. about 1100 ft.  
**San Mateo** In saddle between **San Pedro Mountain** and **North Peak** Montara Mountain -- Montara Mountain, reached via old paved road from San Pedro Valley, along ridge at BM 924  
**San Mateo** Southeast-facing slope of **Montara Mountain**  
**San Mateo** **Trillium Ravine**, on old fire road, near Knife Edge Rock.  
**San Mateo** 1 mi. w. of Scarper peak jct. enroute Montara Mt. on San Francisco Water Dept. property.  
**San Mateo** Pacifica; **San Pedro County Park**; about 1/2 dozen plants 1/4 mi. east of parking lot  
**San Mateo** San Pedro Valley. Northern part of county, inland from Pacifica.  
**San Mateo** **Pilarcitos Lake** and Canyon

## **A. montereyensis** Hoover MONTEREY MANZANITA

<b>Monterey</b>	On <b>Fort Ord</b> , off Eucalyptus Drive on Trail 8
<b>Monterey</b>	In eastern part of <b>Ft. Ord</b> Military Reservation sw of Salinas
<b>Monterey</b>	East side of <b>Fort Ord</b> , 0.6 mi out Crescent Bluff Rd., from jct with Barloy Can.Rd. Elev. ca. 100 ft.
<b>Monterey</b>	Along a road going close to the <b>Monterey airport</b> in front of the S gate Beaches and Parks new building.
<b>Monterey</b>	Along Salinas-Monterey Highway about 1 mi. from <b>Monterey airport</b> .
<b>Monterey</b>	Topotype from the type shrub. Monterey Peninsula <b>Airport property</b> on Monterey-Salinas Highway. Elevation 40 ft.
<b>Monterey</b>	South edge of <b>Monterey Airport</b>
<b>Monterey</b>	<b>Monterey Pen Airport</b> E of Olmsted Ave - Along Highway 68 at airport fence <b>Monterey</b>
<b>Monterey</b>	Topotype from the type shrub. Monterey Peninsula <b>Airport property</b> on Monterey-Salinas Highway. Elevation 40 ft.
<b>Monterey</b>	<b>Monterey Pen Airport</b> S veg strip - Paralleling runway N of 1st commerc Bldgs -
<b>Monterey</b>	<b>York Rd.</b> Paralleling chain-link fence delineating s. boundary of Ft. ord. New Subdivision
<b>Monterey</b>	<b>York Rd</b> - Between Ft Ord & Laguna Seca Golf Ranch - Northern Monterey County
<b>Monterey</b>	<b>York Rd</b> near end and Ft Ord boundary - McIntyre Rd off York Rd Cal Am Tank site - with expensive homes on 1-2 acre estates.
<b>Monterey</b>	Property of Douglas Paul Fay, SE side of <b>Mount Toro</b> , Sierra de Salinas Mountains
<b>Monterey</b>	SE base of <b>Toro Mtn.</b> , Black Mtn. Rd., 3 km NW of Riverroad, between Monterey and Salinas. Elevation 130 m.
<b>Monterey</b>	<b>Toro Rd.</b> (Old Los Laureles Grade).
<b>Monterey</b>	<b>Sierra de Salinas;</b> End of Laurel Lane; <b>Pine Canyon</b> (southwest of Salinas)

## **A. morani** Wells MORAN MANZANITA

<b>Baja Calif.</b>	Divide west of San Antonio de las Minas, north of Ensenada Steep slopes at 300-500 m on rhyolitic bedrock;
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## **A. morroensis** Wiesl. & B. Schreib. MORRO MANZANITA

<b>San Luis Obispo</b>	End of 11th St. near bay. <b>Baywood Park</b>
<b>San Luis Obispo</b>	Along the road from Los Osos to <b>Montana de Oro State Park</b> . Elev. 220 ft.
<b>San Luis Obispo</b>	Hillside S of Morro Bay
<b>San Luis Obispo</b>	0.1 mi south of intersection of S Bay Blvd. and <b>Turri Rd.</b>
<b>San Luis Obispo</b>	<b>Montana de Oro State Park</b> Massive colonies along S slope of crest of ridge and down draws on S ridge of Hazard Canyon, ca. 2 mi. E of Pecho Road. Lvs grayish green, twigs sparsely long- spreading, hairy, < pubescent, mostly below, fleshy, soft, semi-erect, twisted convex.
<b>San Luis Obispo</b>	South end of Morro Bay
<b>San Luis Obispo</b>	Irish Hills: dunes below <b>Pecho Valley Rd</b> , ca. 2.2 map km NE of mouth of Hazard Cyn
<b>San Luis Obispo</b>	Los Osos, above <b>Cabrillo Estates</b>
<b>San Luis Obispo</b>	3/4 mi se mouth of <b>Osos Creek</b>
<b>San Luis Obispo</b>	Pecho Hills, just north of the mouth of <b>Hazard Canyon</b> (the <b>type locality</b> ).
<b>San Luis Obispo</b>	Along S lobe of crest of ridge and down draws on S ridge of <b>Hazard Canyon</b> , c. 2 mi east of Pecho Road.
<b>San Luis Obispo</b>	From south end of Morro Bay, on sandy hills overlooking bay and ocean.
<b>San Luis Obispo</b>	One mi ene <b>Valencia Peak</b>
<b>San Luis Obispo</b>	Los Osos, hillside S of <b>Highland Drive</b> , between Roderson Ave. and Bayview Dr.
<b>San Luis Obispo</b>	Baywood Park, <b>Elfin Forest</b> at the east branch of Morro Bay
<b>San Luis Obispo</b>	1/2 mi n <b>Hazard Canyon</b> (s of Morro Bay) N of Hazard Canyon, S of Morro Bay

## **A. myrtifolia** Parry IONE MANZANITA

- Amador** Near clay pit 1/2 mi. E from the Ione-**Buena Vista Rd.**, 1 mi. N of Buena Vista
- Amador** Near jct. of Hwy 88 and **Comanche Parkway** (se of Ione)
- Amador** Near **Boston House** on road to Wallace.
- Amador** 1 mile east of Ione along Hwy 88
- Amador** North side of **Valley Springs Peak**, west of Pardee Dam rd. 1,200 ft.
- Amador** W of clay mine-brick factory and between the factory and Hwy 88, 0.5 mi S of the racetrack; Ione area
- Amador** Junction of Harbison-Walker Refractory Road and Highway 88, 2 miles southwest of Ione
- Amador** Heath 1 mi s Ione (1/2 mi e of State Hwy 88)
- Amador** 1 mile north of junction **Carbondale Road** and north-south road which leads through the town (?) of Carbondale
- Amador** Occurring on w. slope of a hill on the nw. far ridge of the area, just n. of **Filipini Ranch Rd.** (Mountain Ranch) ca. 2 mi. ea. of hwy. 49.
- Calaveras** 5 miles Northeast of **San Andreas**
- Calaveras** 2.1 miles up **Hawver Road** and ca. 3.5 miles N of San Andreas.
- Calaveras** Just north of **Filipini Ranch Road** (Mountain Ranch) about 2 mi. E of Hwy 49; Elevation 1656 ft.
- Calaveras** 1/2 mi. N of **Mokolumne River** behind high cliffs. This site is one containing an unusually high percentage of hybrids with *A. viscida* Located right across the river from Comanche in Calaveras Co
- Calaveras** Off of W. **Murray Creek Rd.** near 3-way intersetion of dirt roads. 2000 ft. Growing with *A. mewukka* ssp. *mewukka*, *A. viscida* ssp. *mariposa* & *A. manzanita* ssp. *manzanita*. Has large leaves than the lower elevation, Ione populations. Some hybrids present. Growing with *P. lambertiana*

## **A. nevadensis** subsp. **nevadensis** PINE-MAT MANZANITA

### NORTHWESTERN CALIFORNIA

- Del Norte** SW side of **Red Mtn.** E of Klamath
- Del Norte** **Sanger Lake**
- Del Norte** Near **Prescott Mtn.**
- Del Norte** Bear Wallows on trail to **Preston Peak.**
- Del Norte** Summit **Bear Basin** Butte; via USFS road 16N71
- Siskiyou** Siskiyou Mountains S side of pass on **Happy Camp-O'Brien Rd.** Ca. side of State Boundary, above Indian Ck. Camp. Gravelly, dry area above rd. Prostrate shrub, rooting, in open site.
- Siskiyou** just e Pass - **Cook and Green Pass** area
- Siskiyou** NE area around **Devil's Punchbowl**
- Siskiyou** Near Upper Devils Peak, close to the town of **Seiad Valley**
- Siskiyou** **Happy Camp**, Klamath River.
- Siskiyou** Eleven miles west-northwest of **Yreka** at Deadwood Lookout.
- Siskiyou** **Mt. Eddy**
- Siskiyou** **Mumbo Basin**
- Siskiyou** Headwaters of Blake's Fork of S **Russian Creek**
- Siskiyou** above **Castle Lake** (ca. 12 air km sw of Mt. Shasta City)
- Siskiyou** above **Upper Deadfall Lakes** (sw of Mt. Eddy)
- Siskiyou** Road from **Castle Lake** to town of Mt. Shasta, about 2 mi. n. from Castle Lake Forest Service camp. **Alt. 4200 ft.**
- Siskiyou** At Mule Creek crossing on **Scott Mt. Road** so. of Callahan. Alt. 4800 ft.
- Siskiyou** **Lily Pad Lake**, just W of Kangaroo Lake, S of the Gazelle-Callahan Rd. Margin of lake
- Siskiyou** Salmon-Trinity Mts. Vicinity of Rush Lake and Rush Creek Meadow. About 9 mi. e. of **Cecilville.**
- Siskiyou** Between Hancock and Diamond Lakes, **Marble Mts.**
- Siskiyou** Spirit Lake, **Marble Mts.**
- Siskiyou** Josephine Lake basin **Trinity Alps**
- Trinity** E side of **Packer's Peak**
- Trinity** 1 mi. S of Dan Rice Creek along Scott Mtn. Creek, **Hwy. 3**

**Shasta** **Trinity Mountains**; Gray Rocks; ca. 10 air miles WSW of **Dunsmuir**

#### EAST OF CASCADE – SIERRA CREST

**Modoc** E side of the **Warner Mts.** near crest and just N of the headwaters of the S fork of Davis Creek.  
**Modoc** 3.4 km NW of Tamarack Flat, E side of **Warner Mts.**  
**Modoc** On road leading down to Dismal Swamp (n end of mts.) - **Warner Mountains**

**Mono** **Sweetwater Mts.**, Sweetwater Creek  
**Mono** Trail up Sweetwater Canyon **Sweetwater Mountains**

#### NORTH COAST RANGES

**Humboldt** Along Friday Ridge Road, at south end of Friday Ridge, 1.0 km (air) east-southeast of Friday Camp. Roadside  
**Humboldt** Head of Brett Hole **Trinity Summit**  
**Humboldt** Westward lower slopes of **Black Lassic** near Trinity Co. line.  
**Humboldt** French Camp Ridge, 21.4 mi E of US 101 on **Bald Hills Rd from Orick**  
**Humboldt** Near Horse Mtn., close to the town of **Willow Creek**  
**Humboldt** **Horse Mountain Botanical** Area. Forest Service Road 6N18. Near utility towers.  
**Humboldt** Near N Trinity Mtn., close to the town of **Hoopa.**  
**Humboldt** 6.1 mi. from Redwood Creek on **Hoopa Rd.**  
**Humboldt** Road to Box Camp in **Hoopa Valley**  
**Humboldt** Grogan's Hole near **N Trinity Mtn.**

**Shasta** **Bully Choop**

**Trinity** Along road to summit of **Hayfork Bally.**  
**Trinity** Near **Van Horn Creek**, close to the town of Mad River  
**Trinity** North Fork Trinity River, Hobo Gulch Camp and vicinity. (18 mi. NW of **Weaverville**) Dry rocky slope above Whites Creek Lk  
**Trinity** Near summit (on road to Low Gap of Mad River) - **South Fork Mountain**  
**Trinity** **North Yolla Bolly Mts.** - n.e. slope of Black Rock

**Tehama** **Anthony Peak**, east side.  
**Tehama** **Log Springs Road** near intersection with road to Sugar Spring Campground-Government Flat, near marker 35.68.  
**Tehama** 2 mi s S. **Yolla Bolly Mt.**  
**Tehama** Rocky hill at w shore Square Lake (w Tehama Co.)  
**Tehama** Near Government Flat (sw Tehama Co.)

**Glenn** **Alder Springs Rd.**, 2km e. of jct w/Round Valley Rd.  
**Glenn** **Black Butte.**

**Mendocino** Sphagnum bog off **Summers Lane.** 2 mi. e. of Hwy. 1, off Hwy. 20, s. of Ft. Bragg. (*A. uva-ursi*?)  
**Mendocino** 1.50 mi. n. of Wells Cabin Campground e. of **Anthony Peak.**  
**Mendocino** **Bald Mountain**, from summit 6739 ft. and northeast-facing slopes. Ca. 13 mi. n. of **Hull Mt.** on USFS Rd. 20N02 (1/4 mi. e. of jct. USFS Rd. 1N02).

**Lake** At junction of Boardman Ridge and **Hull Mountain** - Timberline Camp  
**Lake** Kelseyville. Soda Bay Grade near Clear Lake, **N side of Mt. Konocti.**  
**Lake** Pine Grove, Cobb Valley. **Alt. 3000 ft.**

**Colusa** **Snow Mtn**; Summit Spring Trail; 1.4km W of **Snow Mtn West** summit; 800m N of Cedar Camp.

#### CASCADES

**Siskiyou** E slope **Mt. Shasta**  
**Siskiyou** **Horse Camp** Region of the Upper Sacramento, **Mt. Shasta**  
**Siskiyou** ridge to sw **Medicine Mtn**  
**Siskiyou** 2 mi. N of **Little Glass Mtn.**, on road connecting FS Rd. 45N05 with FS Rd. 47N75  
**Siskiyou** Between Bull Meadows and **Goosenest Mtn.**



**Shasta**                    **Mt. Lassen**  
**Shasta**                    Magee Peak, **Thousand Lakes Wilderness**, Lassen National Forest

**SIERRA NEVADA**

**Butte**                    Plumas National Forest; upper slope overlooking Lockerman Creek, 0.5 km east of Lockerman Creek and 2.3 km north-northeast of its confluence at Camp Creek  
**Butte**                    Summit of Sierra Nevada above **Jonesville**.

**Plumas**                    East side of an open rocky flat, 60 yards east of a poor dirt road, about a mile (air) north of the north end of Lake Davis  
**Plumas**                    Red Mountain Road in saddle below summit, above jct. with Rich Gulch Road, N of **Hwy. 70**  
**Plumas**                    **Feather River region**, Lake Center camp.  
**Plumas**                    Secondary road from Quincy to **La Porte**, drainage of Middle Fork Feather River, south end of summit ridge.  
**Plumas**                    on slopes to e Long Lake (Plumas-Sierra Co. boundary) - **Mt. Elwell**  
**Plumas**                    **Long Lake**, ridge above east shore along trail going south of lake.

**Sierra**                    Plumas National Forest, **Gold Lake**, near the boat ramp  
**Sierra**                    Hwy. 49, ca. 1/2 mile below **Yuba Pass** summit toward Sierra Valley.

**Nevada**                    Above **Donner Lake** (toward Donner Pass)  
**Nevada**                    West **Castle Peak** Trail. Approx. 0.25 mile north of gate  
**Nevada**                    Bear Valley Rd. 1 mi. east of **Silliman Flat Campground** Hwy 20  
**Nevada**                    Bear Grass Ridge on **Alpha Road** just n. of Hwy. 20, **13 mi. e. of Nevada City**.  
**Nevada**                    **Eagle Lakes Road** at Fordyce Creek Trail ca. 2 mi. n. of Indian Springs Campground.  
**Nevada**                    South of Hwy 80, near Cisco. Along trail from Hwy 80 south to **Loch Levin**  
**Nevada**                    Small Lake on **Bowman Lake Road**; 1/2 mile west of Meadow Lake

**Placer**                    **Drum Forebay**, unusually low elevation 4,300 ft. growing with *A. mewukka* ssp. *mewukka*, *A. patula*, *A. viscida* ssp. *viscida* and numerous hybrids  
**Placer**                    3 miles S. **Signal Peak. Coflax**  
**Placer**                    **Gold Run rest area** along Hwy 80, just before exit to Dutch Flat (Ellan Dean- Botanical Society identified as *A. uva-ursi*)  
**Placer**                    NW of Lake Tahoe; Junction of Bear Creek Road and Big John Drive c. 2.2 mi west of Calif. Highway 89 and just south of Alpine Meadows Road)  
**Placer**                    Near the Yuba river below **Cisco**.  
**Placer**                    Carnelian Bay, **Lake Tahoe**  
**Placer**                    **Brockway Summit** Hwy 267

**Douglas NV**            **Spooner Summit**, Hwy 50

**El Dorado**              **Echo Summit**  
**El Dorado**              **Mt. Tallac** Lake Tahoe

**Alpine**                    **Carson Pass**  
**Alpine**                    350 m e **Ebbett's Summit** (Hwy 4, w-facing slope)

**Amador**                    16.2 mi down hwy from Plasse Resort at **Silver Lake** Hwy 88

**Tuolumne**              **Hwy. 108** at Spicer Meadow Rd.  
**Tuolumne**              Along trail between Seavey Pass and Benson Lake, about 1.5 km north of Benson Lake.  
**Tuolumne**              Patterson Grade, Rd to **Sonora Pass**.  
**Tuolumne**              1 mile S. of Buck Lake, **Dardanelles**

**Mariposa**                Above top of Chilnualna Falls, **Yosemite Park**  
**Mariposa**                **Lake Tenaya**  
**Mariposa**                **Glacier Pt.** Yosemite

<b>Madera</b>	<b>Devils Postpile National Monument</b> - E-facing 30% midslope in a dry white fir/Jeffrey pine/lodgepole pine forest with some western white pine; loose pumice over degrading granite.
<b>Madera</b>	<b>Isberg Pass</b> Yosemite National Park
<b>Madera</b>	Ridge N. of <b>Lake Ediza</b> .
<b>Mono</b>	Upper <b>West Walker River</b> , upper Piute Meadows.
<b>Mono</b>	<b>Twin Lakes</b> . - eastern Sierra
<b>Mono</b>	Between Lake George and <b>Crystal Lake</b>
<b>Mono</b>	Lava lake above Twin Lakes, <b>Mammoth Lakes region</b> .
<b>Mono</b>	West end of <b>Gem lake</b> Rock Creek basin
<b>Mono</b>	<b>Leevining Creek</b> , Mono Lake region.
<b>Mono</b>	<b>Green Lake Trail</b> just below Green Lake. Alt. <b>8700 ft.</b>
<b>Mono</b>	North side of <b>Slate Creek Valley</b> . Harvey Monroe Hall Natural Area.
<b>Mono</b>	S facing slope on N side of <b>Deadman Creek</b> S canyon
<b>Mono</b>	S. shore <b>Convict Lake</b> . ( <i>A. patula</i> x <i>A. uva-ursi</i> )
<b>Mono</b>	East side of <b>Lake Mildred</b> flat; along trail of <b>Bright Dot Lake</b> ; Convict Creek Basin; ( <i>A. uva-ursi</i> )
<b>Mono</b>	South slope above junction of <b>Lake Genevieve</b> Creek with Convict Creek; Convict Creek Basin ( <i>A. uva-ursi</i> )
<b>Fresno</b>	<b>Huntington Lake</b> -Florence Lake Rd 5.7 mi from (w) High Sierra Ranger Station
<b>Fresno</b>	Bald Mt. Sierra Nevada Mountains, region of <b>Dinkey Creek</b>
<b>Fresno</b>	3/4 mi. se. of summit of Shaver lake to <b>Dinky Creek Rd.</b>
<b>Fresno</b>	<b>Evolution Meadows</b> .
<b>Fresno</b>	Tennessee Point (ne. of <b>Kaiser Pass</b> ).
<b>Fresno</b>	<b>Kings Canyon Nat. Pk.</b> North of Grant Grove along Park Ridge Trail, ca. 1/4 mi. S. of Panoramic Point.
<b>Fresno</b>	<b>10,000'</b> Big Margaret L., Headwaters Silver Crk, 1 m. sw. of 11, 878' Silver Pk. on Silver Divide, 1/ 1/2 m. NE of 11,192' Saddle Mt. (9 map - miles N of Mono Hot Sprgs.).
<b>Fresno</b>	Graveyard Lakes, 1.5 miles Glaciated basin, SE flank Silver Divide 600-1000' above Cold Creek. E-SE at <b>9300'</b> . Lowest saddle on basin rim 10,670; Graveyard Peak 11,584 at W corner. 5.5 map miles N of Edison Dam on Mono Creek.
<b>Tulare</b>	White Chief Canyon <b>Mineral King</b>
<b>Tulare</b>	General Grant National Park.
<b>Tulare</b>	Near <b>Twin Lakes</b> , Sequoia Nat'l. Park. Alt. <b>8500 ft.</b>
<b>Kern</b>	Trail to <b>Sunday Peak</b>
<b>Kern</b>	North side of Sunday Peak, <b>Greenhorn Mountains</b>

#### OUTSIDE OF CALIFORNIA:

Continues north through the **Cascade** of Oregon and **Washington**. Also on the Chelan Mountains and other ranges of eastern Washington. Intergrades with *A. uva-ursi* in some areas.

## **A. nevadensis** subsp. **knightii** (Gankin & W.R. Hildreth) P.V. Wells KNIGHT'S MANZANITA

<b>Del Norte</b>	<b>Low Divide Road</b> , about 5 miles from jct. with North Bank Road (also known as High Divide Rd. on serpentine soil with <i>A. nortensis</i> and <i>A. hispidula</i>
<b>Del Norte</b>	Top of <b>Roudy Creek Road</b> .
<b>Del Norte</b>	Grade between Hurdy Gurdy Creek and Van, Siskiyou Mts.
<b>Del Norte</b>	Roadside. Forest route 17N29, ca. 0.7 mile west of junction with 17N05.
<b>Del Norte</b>	Hwy 199, about 1 mile west of <b>Gasquet</b> along Smith River
<b>Del Norte</b>	Humboldt Flat, three miles up <b>French Hill Road</b> from US-199.
<b>Del Norte</b>	On <b>French Hill Road</b> ; 0.5 mile south of junction with U.S. Highway 199; south of Gasquet
<b>Del Norte</b>	<b>Near summit</b> on Grants pass-Crescent City road.
<b>Humboldt</b>	French Camp Ridge, 21.4 mi E of US 101 on <b>Bald Hills Rd</b> from Orick
<b>Humboldt</b>	Between Redwood and Klamath canyons, <b>Bald Hills</b> .
<b>Humboldt</b>	McDowell Butte - <b>Kneeland Prairie</b>
<b>Humboldt</b>	<b>Bald Hills</b> near Tomlinson's on Orick-Martin's Ferry road.
<b>Humboldt</b>	<b>Trinity Summit</b> , ridge top one mile west of Mud Springs.
<b>Humboldt</b>	Horse Mt., due east of <b>Arcata</b> 20 miles airline.

**Siskiyou** Happy Camp Road, near Oregon State line. (*ssp. nevadensis?*)  
**Siskiyou** Deadwood Lookout northwest of Yreka. (*ssp. nevadensis?*)

## **A. nissenana** Merriam NISSEMAN MANZANITA

- El Dorado** 20 mi WSW of Lake Tahoe; **Ice House Road**, N of Calif. Highway 50 and 1.5 mi south of junction with Ice House Reservoir (2005)
- El Dorado** **Slate Mountain**, ridge forming the western rim of Dark Canyon at the southerly extent of Slate Mountain (1 air mile SSE of the lookout on the summit of Slate Mountain)
- El Dorado** 2.5 mi east of jct of Forestry Service Road 12N97 and Mosquito Road, c. 0.6 mi SE of **Slate Mtn Lookout**
- El Dorado** "most accessible from Pollock Pines" **Poho Ridge**  
**El Dorado** **Poho Ridge**. Confluence of S. fork of American River & Brush Creek.
- El Dorado** Slopes near head of **Spanish Ravine** – Placerville  
**El Dorado** **Spanish Ravine, Placerville**. Growing on old hydraulic workings on bedrock of Mariposa Slate; on southeast slope in Chaparral (1936)
- El Dorado** Head of **Spanish Ravine**, Placerville (1934)
- El Dorado** From a population sample of 40 shrubs; overlooking **Martinez Creek**, along lower limits of this population; hill at end of South Point Road, ca. 1 1/2 miles south of **Diamond Springs**
- El Dorado** S of Placerville, S side of **Diamond Springs** at the end of South Point Road.
- El Dorado** On dome east of Martinez Creek via **Forrest Lake Road**. Ca. 1 1/2 mi. south-southeast of **Diamond Springs**.
- El Dorado** 1 mile S of **Diamond Springs** on Fowler Lane.  
**El Dorado** S side of **Diamond Springs** at the end of South Point Road.  
**El Dorado** (with *A. viscida* Parry and intermediates) ca. 1.5 mi. south of **Diamond Springs**, on a west-to-northwest exposure overlooking Martinez Creek
- El Dorado** E ridge of mt. just n **Otter Creek** - Horneblende Mt., Middle Fork American River drainage  
**El Dorado** 2 1/4 mi wsw of **Volcanoville** (n of Otter Creek)  
**El Dorado** 1.8 mi past the intersection of Jakey's Hill Lookout and **Cock Robin Rd**, ca. 3 mi W of **Volcanoville**
- El Dorado** 1.8 miles past the intersection of Jakey's Hill Lookout Road and **Cock Robin Road**, or ca. 3 miles west of **Volcanoville**
- El Dorado** **Ashcraft Ranch**, 1/2 mi. airline north of Foster Mt. & 3/4 mi. s. of jct. Black Oak Mine Rd. & Hackomiller road near **Garden Valley**.
- Tuolumne** Near **Sonora**, steep brushy hills along Hwy 49 1.2 road miles S of downtown; upper slope of east facing ridge
- Tuolumne** One mile north of benchmark #1530, State Highway 108-49 ca. 0.5 mile southwest of town of **Sonora**.

## **A. nortensis** (P.V. Wells) P.V. Wells DEL NORTE MANZANITA

- Del Norte** Edge of redwood forest, side road off **Rowdy Crk Rd**. 10.4 km E of Hwy 101, western Siskiyou Mountains, Smith River Area, NE of Crescent City, Elev. 940 m.
- Del Norte** Forest Service Rd. 305 (**Low Divide Rd.**), 11 km N of **North Bank Rd.**, Smith River Area, NE of Crescent City, Elev. ca. 700 m.
- Del Norte** Old **Gasquet Toll Road**. Near refuse disposal site.
- Del Norte** Forest route 17N05, (**Jawbone Ridge Rd. - to Devils Punchbowl**) ca. 5.6 miles southeast of junction with Hwy 199.
- Del Norte** **North Bank Rd**, Gasquet

**Del Norte** **High Divide. Rd.**, Six Rivers N.F.  
**Del Norte** 2.4 mi. up **French Hill Road** from US-199. Humboldt Flat.

## **A. nummularia** subsp. **nummularia**

**Mendocino** A few hundred feet South of **Casper** Little Lake Road and about 2.9mi E. of the intersection with Rt. 1 (Shoreline Highway).  
**Mendocino** Van Damme State Park. Little River Road-Airport Road  
**Mendocino** Edge of parking lot, Pygmy Forest at summit of Van Damme State Park, off Albion - Little River roads.  
**Mendocino** 1/4 mi. W of **Mitchell Creek Rd.**, 1.4 mi. N of its junction with Simpson Rd.  
**Mendocino** Just south of the **Garcia River** 5.5 miles east of **Point Arena**.  
**Mendocino** Crest of hill, on road to Ornbaum Springs, 1-2 miles east of **Anchor Bay**  
**Mendocino** **Haven's Neck** just W of Hwy 1  
**Mendocino** Manzanita plateau, junction of Iverson & Fish Rock roads.  
**Mendocino** Gualala Ridge, ca. 1.3 mi up **Gualala Ridge Rd** from Hwy 1  
**Mendocino** Coast Hwy 6.6 mi n Gualala (along roadbank)  
**Mendocino** Coast Hwy 6.6 mi n Gualala (along roadbank) - North Bay Counties  
**Mendocino** On **Gualala Ridge** ca. 1.3 miles up Gualala Ridge Road from Hwy 1.  
**Mendocino** **Iverson Rd.** Pigmy forest, near Gaulala.

**Sonoma** **Sea Ranch**  
**Sonoma** Off Pilot's Reach, The **Sea Ranch**.  
**Sonoma** **Salt Point State Park**  
**Sonoma** Coastal bluffs near **McNamees Store**  
**Sonoma** Three miles northwest of **Plantation**

## **A. nummularia** subsp. **mendocinoensis** (P.V. Wells) V.T. Parker et al. PYGMY MANZANITA

**Mendocino** In Drosera Bog on Summers Ln., 3.2 km. e. of Shoreline Hwy. & n. of Rte. 20. In Pygmy Forest.  
**Mendocino** 0.5 miles N of Hwy 20 on Summer Lane, ca. 0.5 miles N of Hwy 20 on Summer Lane, ca. 2 miles SE of **Ft. Bragg**.  
**Mendocino** 4.2 miles N of **Russian Gulch**, Hwy 1 between Mendocino and fort Bragg.  
**Mendocino** **Jughandle SP**. Collected on the east side of Hwy 1, third terrace  
**Mendocino** Fort Bragg- (Noyo) -Mendocino. **Jug Handle State Forest**. Ecological **Staircase Nature Trail**. Pygmy forest  
**Mendocino** Pygmy Forest near airport at Little River- Comptche Rd.  
**Mendocino** Along Hwy 20 5 km E of Hwy 1 @ Ft. Bragg. Alt. 110 m  
**Mendocino** 1 mi e mouth of **Noyo River** - Noyo  
**Mendocino** 3 mi from **Fort Bragg** (just off rd to Willits) - Pine Barrens  
**Mendocino** E end **Mendocino Airport** (airport is ca 6 airline mi ese of Mendocino City, s of Little River) - **White Plains**, "Pygmy Forest"  
**Mendocino** University of California Pygmy Forest Reserve, 3.2 km SE of Mendocino.

## **A. obispoensis** Eastw. BISHOP MANZANITA

**Monterey** **Lion's Den**, South Coast Ridge Road, 4 miles south of intersection of **Los Burros Road** in Sargent Cypress, serpentine road.  
**Monterey** Fort Hunter-Liggett Military Reservation. W facing serpentine slope to S of **Burro Mtn**. Dominant shrub on slope, mixed w/Ceanothus papillosus. Bark smooth, dark red, w/out burl.  
**Monterey** 7/10 mi. s.w. of **Alder Creek** Camp junction.  
**Monterey** Paso Robles - Waterdog Creek Cypress Grove  
**Monterey** 1 map km S of head of Pozo Hondo Crk., 2.5 map km W of **Salmon Crk**.

<b>Monterey</b>	2.5 km WNW of Lion Pk, ca. 2.8 km NW of jct of Coast Ridge and <b>Burro Rds</b> , ca. 1.1 road km NW of jct of Coast Ridge and Lion Den Camp Rds; interface, USFS/Ft Hunter Liggett
<b>Monterey</b>	<b>Cruikshank Trail</b> Los Padres National Forest - Summit of trail
<b>Monterey</b>	<b>Willow Creek Rd</b> 3,000 ft elev - Near summit approx 6 miles from Coast
<b>Monterey</b>	<b>Alder Creek</b> Campground, southwest-facing slope overlooking campground. Approximately 5 miles east of State Highway 1, south
<b>San Luis Obispo</b>	<b>Cuesta Ridge West</b> NW of Cuesta Pass in Cuesta Botanical Area. In part not burned heavily the previous summer, but with many seedlings from low-intensity fire beneath this shrub. . Approx. 2 m. NW of US 101. Shrub, 2.5 m tall.
<b>San Luis Obispo</b>	<b>Cuesta Pass</b> off the old US Hwy 101
<b>San Luis Obispo</b>	<b>Sycamore Springs</b> Arroyo Grande
<b>San Luis Obispo</b>	E of <b>Cerro Alto</b> , rd to Cypress Grove
<b>San Luis Obispo</b>	1 km NW of Chorro Reservoir; Camp San Luis Obispo
<b>San Luis Obispo</b>	Tailings at <b>La Trinidad mine</b> ; Camp San Luis Obispo
<b>San Luis Obispo</b>	0.25 mi n mouth of <b>Hazard Canyon</b>
<b>San Luis Obispo</b>	Klau Mine, 0.6 mi S of <b>Buena Vista Mine</b> along <b>Cypress Mountain Road</b> , SW of Adelaida
<b>San Luis Obispo</b>	1.7 mi se <b>Josephine School</b>
<b>San Luis Obispo</b>	4 mi below <b>Cerro Alto Camp</b> on St <b>Hwy 41</b>
<b>San Luis Obispo</b>	Red Mountain Road NE of San Simeon.
<b>San Luis Obispo</b>	Narrow canyon of <b>Morro Creek</b> , 6 mi. E of Morro Bay.
<b>San Luis Obispo</b>	Along <b>Hwy. 41</b> between Atascadero and Morro Bay, at mile post 6 mi from Morro Bay.
<b>San Luis Obispo</b>	<b>Burnett Peak</b> Cypress Groves
<b>San Luis Obispo</b>	Road to Rocky Butte lookout, Santa Lucia Mts. above San Simeon.
<b>San Luis Obispo</b>	1 mile east of summit of Cambria - Adelaida road.
<b>San Luis Obispo</b>	On hills along <b>Morro Creek</b>
<b>San Luis Obispo</b>	On high serpentine hill on old Chrome Mine Road. NW of San Luis Obispo.
<b>San Luis Obispo</b>	Approximately 0.7 mile southeast of junction with <b>Salmon Creek</b> Road on Burnett Peak Road
<b>San Luis Obispo</b>	4 mi W of Ocean View Mine, edge of former Sargent cypress grove, between <b>Pine Mtn</b> and <b>Burnett Pk</b>

## **A. ohloneana** M.C. Vasey & V.T. Parker OHLONE MANZANITA

<b>Santa Cruz</b>	Lockheed Chalks – Northern Ben Lomond Mountain on slopes above Mill Creek, Lockheed Martin Missile Test site facility. elevation 500 m
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## **A. osoensis** P.V. Wells OSO MANZANITA

<b>San Luis Obispo</b>	<b>Hollister Peak</b> Plants to 4-5 ft. at maturity, often less, spreading. Large colony on SW-facing shoulder of Hollister Peak. Bare volcanic substratum, immediately below last steep ascent to peak from S side. Burl absent.
<b>San Luis Obispo</b>	<b>Irish Hills:</b> ridge between Islay Cyn and Hazard Cyn, 0.4 km NW of benchmark "Hazard", Montana de Oro State Park
<b>San Luis Obispo</b>	W slope of un-named peak on Park Ridge, 1 km SE of Cerro Cabrillo and 2 km W of Hollister Pk
<b>San Luis Obispo</b>	Hollister Peak; Large colony on SW-facing shoulder of Hollister Peak, immediately below last steep ascent to peak from S side.
<b>San Luis Obispo</b>	Saddle between Hollister Pk and Black Hill
<b>San Luis Obispo</b>	W slope of un-named peak on Park Ridge, ca. 1 km SE of Cerro Cabrillo and 2 km W of Hollister Pk
<b>San Luis Obispo</b>	North face of <b>Hollister Peak</b> , E of Morro Bay; Elev. 250 m.

## **A. otayensis** Wiesl. & B. Schreib. OTAY MANZANITA

<b>San Diego</b>	Summit of <b>Otay Mountain</b> . Near 32°35.5'N; 116°50.75'W, elev. ca. 1100m (3,600 ft)
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- San Diego** **Otay Mountain**, along north access road (from Delzura creek) 1.8 - 1.4 miles north of Doghouse Junction; near 116°51'W, 32°37'N
- San Diego** **Otay Mountain** Ecological Reserve (Ca. Dept. of Fish & Game): southeast of Otay Lake; approx. 1.6 miles south of Otay Lakes Road.
- San Diego** **Otay Mountain** NW side, Bureau of Land Management, canyon just W of Little Cedar Canyon that begins at eastern end of Lower Otay Lake. Entered canyon by heading 2.5 miles SE on the dirt road starting at the yellow gate off Otay Lakes Road.
- San Diego** Shrub growing beside radio tower near **summit of Otay Mountain**.
- San Diego** On peak north of summit, **Otay Mountain**. Near 32°37'N, 116° 50'W, Elevation 1000 m.
- San Diego** Otay Mountain, along north access road (from Delzura creek) 1.8 - 1.4 miles north of Doghouse Junction; near 116 51'W, 32 37'N
- San Diego** 5.2 mi from **Camp Minnewawa** on Otay Mtn enroute to **Otay Mt.** summit
- San Diego** SE of San Diego, N slope of **San Miguel Mountain**, T17S, R1W, Sec. 12; elev. 940 ft.
- San Diego** North slope of **San Miguel Mountain**
- San Diego** North-facing slopes in **Northern Jamul Mountains**, S16, T17S, R1E, Near 32°37'N, 116°53'W, elevation ca. 565 m
- San Diego** Northern **Jamul Mtns.**
- San Diego** **Jamul Mtn.** - Proctor Valley

## **A. pacifica** Roof PACIFIC MANZANITA

- San Mateo** On knob below end of paved road at top of San Bruno Mountain, alt. ca. 350 m.
- San Mateo** On top of San Bruno Mt. near TV tower.

## **A. pajaroensis** (J.E. Adams) J.E. Adams PAJARO MANZANITA

- Santa Cruz** 3/4 mi w Corralitos Lagoon
- Monterey** On ridge east of **Elkhorn Slough**, c. 1 mi. east of Elkhorn Road; around the house of Eric Nigg.
- Monterey** End of Executive Drive, North side of **Crazy Horse Canyon Road**
- Monterey** Blohm Ranch, N Monterey Co. (**S of Las Lomas**)
- Monterey** **Ft Ord** - Main entrance exit overpass Highway 1 - Northern Monterey County
- Monterey** **Ft Ord** Parker Flats Rd - **BLM Hdq** near - Northern Monterey County
- Monterey** Sandy Pleistocene dunes w/*Quercus agrifolia* mixed with chaparral. **Echo Valley Rd.** approx. 1/2 mile W of US 101. Burl not evident, single-trunked, bark partially shreddy at base, smooth higher up stem. Plant spreading, approx. 1-1.5 m tall.
- Monterey** **San Miguel Cyn Rd**, 1.8 mi E of jct of this Rd and Moro Rd, vicinity of Prunedale
- Monterey** Near junction of Highway 101 with **San Miguel Canyon road** (in vicinity of Moro road junction with the latter)
- Monterey** Dirt rd leading N from end of **McGuffie Rd**, Prunedale
- Monterey** End of **McGuffie Rd**, ca. 1 mi W of US Hwy 101 on St Hwy 156, near Prunedale
- Monterey** **Echo Valley Road** approx. 1/2 mile W of U.S. 101
- Monterey** **Moss Landing** School Monterey Bay Region (on Hwy 1, on roadcut fronting school grounds ca. 200 m s of junction with Springfield Rd.)
- Monterey** Junction **San Miguel Rd** and **Strawberry Canyon** Prunedale Northern Monterey County
- Monterey** **Manzanita Regional Park** on Castroville Rd, W of Prunedale
- Monterey** .5 mile on **Straberry Canyon road** from San Miguel canyon road, vicinity of Prunedale
- Monterey** about 5 mi sw Aromas (ridge between Long and Strawberry canyons) - ridge between Long and **Strawberry canyons**
- Monterey** .3 mile along **Moro road** from U.S. Highway 101, vicinity north of Prunedale
- Monterey** Monterey-**San Benito Co** line near - just S of the Rocks Highway 101
- San Benito** West across Pescadero Creek from northern *A. gabilansis* population on ridge adjacent to Salinas Valley.
- San Benito** **Fremont Peak** Reeves Ranch - Nr county line San Benito-Monterey S of power poles
- San Benito** **Hollister Hills State Park** ca. 2 miles up **Orchid run Rd.**

## **A. pallida** Eastw. ALAMEDA MANZANITA

- Contra Costa** **Sobrante Ridge** between Heavenly Ridge Land and Castro Ranch Road.  
**Contra Costa** **El Sobrante Ridge** at end of Silver Belt Dr. on Miocene chert outcrop.  
**Contra Costa** **Sobrante Ridge Regional Preserve**  
**Contra Costa** **"Huckleberry Trail"** Oakland Hills, near Alameda-Contra-Costa county line (NE of intersection of Skyline Blvd. and Snake Rd.)
- Alameda** At head **Cinderella Creek** canyon (at its sw rim. "Cinderella Creek is the northern arm of Palo Seco Creek, which joins Shepherd Creek nw-ward to form Sausal Creek...") - Joaquin Miller (Sequoia) Park
- Alameda** Along **Villanova St.**, Huckleberry Preserve, East Oakland, elevation 440 m.  
**Alameda** Ridge of hills just se Roundtop Regional Park (Huckleberry Trail, ca 1 mi e of Piedmont, 300 yd up trail from Skyline Road) - Berkeley Hills
- Alameda** Along Skyline Blvd just n Roberts Recreation Area - Oakland Hills, Redwood Regional Pk  
**Alameda** **Manzanita Drive**, near Skyline Boulevard, Berkeley - Oakland Hills.  
**Alameda** Along Skyline Blvd just n Roberts Recreation Area - Oakland Hills, Redwood Regional Pk  
**Alameda** Along Villanova St., Huckleberry Preserve, East Oakland, elevation 440 m.  
**Alameda** Head of **San Leandro Canyon**, Oakland Hills, Cal.

## **A. parryana** subsp. **parryana** PARRY MANZANITA

- Tulare** BLM-**Domeland Wilderness**. Along divide between Long Valley and Lamont Meadow. (doubtful)
- Tulare** Near intersection of the road running from Camp Whitsett to Durrwood Pack Station and the road running between **California Hot Springs** and Camp Nelson (doubtful)
- Santa Barbara** **San Rafael Mtns**: lookout tower near West Big Pine Mtn  
**Santa Barbara** **San Rafael Mtns**: between summit of Bluff Camp Rd and Big Pine Lookout
- Santa Barbara** San Rafael Mtns: summit of **Big Pine Mtn**  
Highway 33 and 11.9 mi west of Kern Co. line. In the vicinity of Wagon Road Campground.
- Ventura** San Emigdio Range: near paved turnaround at summit of Mt Pinos  
**Ventura** Lockwood Valley Road, 12.7 mi east of Ozena junction with Highway 33 and 11.9 mi west of Kern Co. line. In the vicinity of Wagon Road Campground
- Ventura** Across road from **Wagon Road Campground** on road from **Hwy 33** to Frazier Park  
**Ventura** Flood plain of Cuyama River near Ozena Station  
**Ventura** 100 yds. N of ranger's cabin; Thorn Meadows N of Thorn Lookout, etc; along road from **Frazier Mt. Park**, US 499 [399] road
- Ventura** 1.5 miles above the **Mt. Pinos campground** on the road leading to the summit of Mt. Pinos. el. ca 7600'
- Ventura** Mutau Road to Half Moon Campground (7N03) 22 km south of **Lockwood Valley**.  
**Ventura** Highway 33, 60 km south of Highway 166. (Keeley)
- Kern** Mount Pinos region Quatal Canyon Rd., 21.8 km east of Hwy 33.  
Elevation 1540 m.
- Kern** Tehachapi Mountains **Cerro Noroeste Rd**, pinyon pine woodland. +/- 5 mi N of Pine Mtn. Bark smooth, w/ burl. Mixed on open slopes w/ Pinus surrounding. Spreading, 5 ft. tall x 15 ft. wide
- Kern** Vicinity of Pine Valley Y.M.C. A. Camp; 7.8 miles (by road) east of Apache Saddle Ranger Station (6.5 miles, by road, east of Mill Potrero); Mt. Pinos region **Kern** Tehachapi Mountains, Upper Oak Creek Canyon. elev. 5500 ft.
- Kern** Along Middle Knob Jeep Trail along divide separating Oil and Pine Tree Canyons south of Cache Peak about 3.5 air miles nw. of junction highway 58 and Randsburg cut-off to highway 14. Cache Peak quad.
- Kern** **Cuddy Canyon**; 2.5 miles southwest of Lebec  
**Kern** West-facing slopes, **Cerro Noroeste Rd.**, 0.7 km south of Mil Potrero Rd. Mounded growth form.
- Kern** 4 mi w Keene Station - Tehachapi Mountains - Tehachapi Mts

<b>Los Angeles</b>	S slope, trail to <b>ski lift, Baldy</b> Summit. (Keeley also reports <i>A. glandulosa ssp. gabrielensis</i> from same area)
<b>Los Angeles</b>	<b>Glendora Ridge</b> ; near Baldy Camp; along forest service road above ridge road (Keeley reports <i>A. glandulosa ssp. gabrielensis</i> in same area)
<b>Los Angeles</b>	Swartout Valley, between Wrightwood and Big San Gabriel Pines Park, 0.5 mi. W. San Bernardino Co. Line.
<b>Los Angeles</b>	<b>San Gabriel Mountains</b> , Pinyon Ridge: Western half of ridge, between upper Little Rock Creek and San Andreas Rift Zone. T4N R9W, S/2 SE/4 section 22, ESE-ward to SW/4 section 25; elev. 5600-6400 feet.
<b>Los Angeles</b>	on <b>Angeles Crest Hwy</b> c. 1 mi e Islip Saddle - San Gabriel Mts., Angeles National Forest, <b>Cortelyou Spring</b>
<b>Los Angeles</b>	San Gabriel Mountains Table Mt. above <b>Big Pines Ranger Station</b>
<b>Los Angeles</b>	Hwy N4 0.4 mi N. of jct. with Hwy 2.
<b>Los Angeles</b>	Charlton flat about 1 mi. from Angeles Crest Hwy., below <b>parking area #12</b> , Angeles National Forest, San Gabriel Mts
<b>Los Angeles</b>	Angeles Nat. For., w. of Vincent Gap along Hwy. 2.5 mi. e. of Lodgepole Picnic Grnd.
<b>Los Angeles</b>	Saddle between Little Bear Creek and Devil's Canyon.. Elev. 6500 Feet.
<b>Los Angeles</b>	Burkhart Trail, north of junction with Rattlesnake Trail. Near 34°21'50.1"N 117°54'01.6"W. T3N R10W E/2, NW/4 sec. 11. Elev. 5800 Feet.
<b>Los Angeles</b>	San Antonio Mountains: Head of Swartout Valley. Alt. 7000 ft.
<b>Los Angeles</b>	Near the summit of <b>Mt. Wilson</b> .
<b>Los Angeles</b>	Vicinity of Pacifico Mountain: descending northerly ridge with Tie Canyon on the w., an upper tributary of Santiago Canyon on the e; ca 2325 m. nw. of Pac. Mtn's 7124 ft
<b>Los Angeles</b>	Antonio Peak (=Lookout Mtn.), ridge E of Cattle Canyon and W of the west fork of Bear Canyon.
<b>Los Angeles</b>	Aliso Canyon to Buckhorn Flats Rd., Tie Camp summit.
<b>Los Angeles</b>	Northern end of <b>Crystal Lake Campground</b> , San Gabriel Mountains. (Keeley)
<b>Los Angeles</b>	<b>Angeles Crest Highway</b> about 1.3 km east of Singing Pines turnoff. (keeley)
<b>Los Angeles</b>	Entrance to <b>Crystal Lake</b> Recreation Area, San Gabriel Mountains. (Keeley)
<b>Los Angeles</b>	Angeles Crest Highway, 1.7 km north of Sulphur Springs Road (Keeley)
<b>San Bernardino</b>	<b>San Bernardino Mountains</b> region 8 km from Forest Falls turnoff on Hwy. 38. 1925
<b>San Bernardino</b>	5 km northwest of Wrightwood.
<b>San Bernardino</b>	Camp-from-hell south of dirt road, Rattlesnake Canyon, on Burns Canyon Road, 16 km west of Rimrock, eastern face of San Bernardino Mountains. (Keeley)
<b>San Bernardino</b>	Dirt road (1N01) northeast of Onyx Peak, 6.8 km east of Highway 38, San Bernardino Mountains. (Keeley)
<b>San Bernardino</b>	<b>San Bernardino Mountains</b> region Fredalba, san Bernardino Mts., alt. 5700 ft.
<b>San Bernardino</b>	Ruin of world dr. near Fish camp. 6500 ft. ele.
<b>San Bernardino</b>	Near Snow Crest Camp. San Antonio quad sec.17 T2N R7W.

**A. parryana subsp. tumescens** J.E. Keeley et al. INTERIOR MANZANITA  
 \* See also *A. glandulosa ssp. gabrielensis*

<b>Los Angeles</b>	Road to Mt. Gleason, 5.3 km west of <b>Mill Creek Summit</b> , San Gabriel Mtns. (Keeley)*
<b>Los Angeles</b>	Road to <b>Sulphur Springs Campground</b> , 0.2 km north of dirt road to Pacifico Mtn., north of Chilao, San Gabriel Mtns. (Keeley)*
<b>Los Angeles</b>	Road to Suphur [Sulphur] Springs Cpgrd., 4 km N of Angeles Crest Hwy., N or [of] Chilao Cpgrd. San Gabriel Mtns.*
<b>Los Angeles</b>	<b>Angeles Crest Hwy</b> , northeast of Newcomb Ranch, 2.7 km southwest of <b>Sulphur Springs Rd.</b> San Gabriel Mtns.*
<b>Los Angeles</b>	Road to Pacifico Mtn., 7.5 km <b>east of Mill Creek Summit</b> , San Gabriel Mtns.
<b>Los Angeles</b>	Dirt road between Chilao and <b>Mill Creek Summit</b> , 2.7 km E of turnoff to Pacifico Mtn., San Gabriel Mtns.*
<b>Los Angeles</b>	<b>Mill Creek Summit</b> , Angeles Forest Hwy. (Keeley) ( <i>A. glandulosa ssp. gabrielensis</i> )???
<b>Los Angeles</b>	Chilao heliport, San Gabriel Mtns. (Keeley)*
<b>San Bernardino</b>	Above <b>Heartbar Campground</b> , base of Heartbar Peak, off Hwy 38. San Bernardino Mts.alt. 2200 m
<b>San Bernardino</b>	Southeast face of <b>Heartbar Peak</b> , off Coon Creek Rd., 3.7 km southeast of Hwy 38, San Bernardino Mountains.
<b>San Bernardino</b>	W face of <b>Heartbar Peak</b> , off Hwy 38, San Bernardino Mtns.

<b>San Bernardino</b>	<b>Road to Coon Creek</b> , 5.0 km SE of Highway 38, southern base of Heartbar Peak, San Bernardino Mountains.
<b>San Bernardino</b>	Rattlesnake Canyon, Burns Canyon Road, 17.5 km west of Rimrock, eastern face of San Bernardino Mountains.
<b>San Bernardino</b>	Cienaga Seca Creek, between Heart Bar Campground (Fish Creek Trail) and 7,000 ft. marker
<b>San Bernardino</b>	unnamed ridgetop (7,582 ft) and adjacent slope just west of Heart Bar Peak and southeast of Cienaga Seca Creek
<b>Riverside</b>	Rd. to Thomas Mtn. (5S15), 4.3 km north of Toolbox Spring. <b>San Jacinto Mtns.</b> (Keely)

## **A. parryana** subsp. **desertica** J.E. Keeley et al. DESERT MANZANITA

<b>Riverside</b>	High ridge east of Toro Peak, Santa Rosa Mts., alt. 7500 ft.
<b>Riverside</b>	Road to Santa Rosa Mtn. (7S02), 1.8 km south of Hwy. 74. Lowest elevation
<b>Riverside</b>	Road to Santa Rosa Mtn. (7S02), 8.7 km south of Hwy 74. 1935 M.
<b>Riverside</b>	Road to Santa Rosa Mtn. (7S02), 12.3 km south of Hwy. 74. Highest elevation
<b>Riverside</b>	Truck trail on N-facing slope of Santa Rosa Mtn., ca. 8 km S of Pinyon Pines, Santa Rosa Mtns.
<b>Riverside</b>	Andreas Canyon, ca. 5 km east of Saddle Junction, San Jacinto Wilderness area, eastern San Jacinto Mtns. (T4S, R3E)
<b>Riverside</b>	Gordon Trail from Andreas Canyon, east base of San Jacinto Mtns., at 6000 ft.
<b>San Diego</b>	Los Coyotes Indian Reservation, NW of Choke Cherry Valley, ca. 2.7 km N of 4-Corners, E of Hot Springs Mountain.
<b>San Diego</b>	Middle Eastern flank of <b>Volcan Mountains</b> , San Felipe Wildlife Area, approx. 3 miles WNW of ranch house, approx. 1/3 mi E of Ferguson Flat.
<b>San Diego</b>	Anza Bench region Los Coyotes Indian Reservation, ridge Rd., between San Ysidro and San Ignacio. San Ysidro Mtns, east of Hot Springs Mtn. 1540 m.
<b>San Diego</b>	Middle fork Borrego Palm Cyn, 3-4 km SE San Ignacio, San Ysidro Mtns., E of Hot Springs Mtn.
<b>San Diego</b>	<b>Skyway Dr.</b> , 2.7 km north of Moutezuma Valley Rd. (Hwy 22), north of Ranchita, southern Ysidro Mtns.
<b>San Diego</b>	Southwest of Combs Peak: canyon off of Chihuahua/Lost Valley Road just northwest of Sky Oaks Field Station
<b>San Diego</b>	Middle fork Borrego Palm Cyn, 3-4 km SE San Ignacio, San Ysidro Mtns., E of Hot Springs Mtn.
<b>San Diego</b>	Road to <b>Hot Springs Mountain</b> , 3 km above the base.

## **A. patula** Greene GREENLEAF MANZANITA

### NORTHWESTERN CALIFORNIA

<b>Del Norte</b>	Near Blue Ridge, close to the town of Gasquet
<b>Del Norte</b>	Near Sanger Peak, close to the town of O'Brien
<b>Del Norte</b>	<b>Old Gasquet Toll Rd.</b> , 8.5 mi. N of Patrick Creek junction, at Stateline, head of Shelly Creek
<b>Del Norte</b>	1 mi n <b>Monumental</b> (head of creek) - Shelley Creek
<b>Siskiyou</b>	<b>Prestons Peak.</b>
<b>Siskiyou</b>	Along <b>Happy Camp-O'Brien Rd.</b> above Louse Creek
<b>Siskiyou</b>	Marble Mountains, Mill Creek, ca. 4 miles W from Mugginsville in Quartz Valley, northerly facing slopes near watershed divide with Kidder Creek
<b>Siskiyou</b>	Dunsmuir Mt. Shasta Region - Dunsmuir, Mt. Shasta region
<b>Siskiyou</b>	Near Emigrant Road (e side of mt.) - Mt. Shasta
<b>Siskiyou</b>	About 6 mi. from Etna on forks of Salmon Rd.
<b>Siskiyou</b>	Near Upper Devils Peak, close to the town of <b>Seiad Valley</b>
<b>Siskiyou</b>	Hancock Lake, on trail to <b>Marble Mt.</b>
<b>Siskiyou</b>	Ridge between Sugar Creek and Duck Lake Creek drainages, <b>Russian Pk area.</b>
<b>Siskiyou</b>	11 mi NE of junction of State Route 3 along <b>Gazelle-Callahan Rd</b>
<b>Siskiyou</b>	N.E. slope of <b>Mt. Eddy</b> ; 3 miles above Metcalf ranch house, 6 miles N.W. of Mt. Shasta City. Alt. 4400 ft.
<b>Trinity</b>	1 mile south of Dan Rice Creek along Scott Mtn. Creek, Hwy. 3

**Trinity** Along **Coffee Creek Rd.** leading to Coffee Creek Ranch.

**Siskiyou** Caribou Basin, Salmon-**Trinity Alps**.  
**Shasta** **Castle Crags** State Park

#### NORTH COAST RANGES

**Trinity** N of Black Lassic

**Trinity** 9.5 miles south of State Route 299 at Buckhorn Summit on road to **Bully Choop**.

**Trinity** 7 miles from Minersville on road to **Weaverville**

**Trinity** 1 mi. w. of junction, Red Bluff. **Hayfork Road**.

**Shasta** North Coast Ranges Shrub, 4 ft. tall, often less. Bark smooth, plant with burl. Common on shrubby slopes along **Hwy 36** very near Tehama/Shasta County line. flats. Burl present, bark smooth.

**Shasta** Slopes of Buckhorn Bally 3.5 miles south of State Route 299 at Buckhorn Summit on road to **Bully Choop**

**Tehama** About 50 yards east of the gate, about 90 yards east of the barn, Soap Creek Ranch, about 4.8 miles (air) southeast of Manton, about 2 miles (air) north of **Highway 36**

**Tehama** **Log Spring Road**, west of Paskenta, 13.7 miles west of its origina at the Newville Road.

**Glenn** Above Forest Camp - **Plaskett Meadows**  
**Glenn** **Near Alder Springs**.

**Humboldt** Near Cedar Creek, close to the town of **Willow Creek**

**Humboldt** Near Orleans, intersection of Hwy. 96 and Eyesee Rd.

**Humboldt** Along trail between Le Perron Flat and Whiteys Peak. (E. of town of **Orleans**).

**Humboldt** Near Horse Trail Ridge, close to the town of **Hoopa**

**Humboldt** **Horse Mtn.** Area, SW of the microwave tower

**Humboldt** 3 mi. S of **Hoopa** on Hwy. 96

**Mendocino** Upper Main Eel River Watershed. Ridgetop uphill from Red Rock, area with Brewer Oak tree and shrub forms

**Mendocino** On road between Towhead Flat and summit of **Mt. Sanhedrin**.

**Mendocino** **Hull Mtn. Rd.** Monkey Rock

**Mendocino** Iron Peak Lookout n. of **Laytonville** on Spy Rock Rd.

**Mendocino** French Ridge. Ridge northeast of **Clear Lake**, and east of Elk Mountain Road. North of Redwood Valley community, which is 10 mi. north of Ukiah

**Lake** Upper Main Eel River Watershed. E of Lake Pillsbury & Sunset Campground, just S of knoll at conifer/chaparral interface just N of 4x4 Rd. 19N46

**Lake** N slope North Ridge (on Crockett Camp trail, n side of mt.) - **Snow Mt.**

**Lake** Upper Main Eel River Watershed. 0.5+ mile NE of **Lake Pillsbury**; N of Squaw Valley Creek

**Colusa** Middle Fork Stony Creek Watershed. In saddle of Boardcamp Ridge on 17N10, SE of the Homesites about 1 mile. SE of Boardcamp gate at the junction with OHV Trail 06 and road 17N10

#### CASCADES AND NORTHEASTERN CALIFORNIA

**Siskiyou** **McCloud**  
**Siskiyou** **Yreka** Hills  
**Siskiyou** **Dunsmuir**  
**Siskiyou** N slope **Gooseneck Mountain**

**Shasta** Lassen National Forest Large colonies at summit of basalt cliffs, approx. 1/2 mile S of Old Station Trailer Park on Hwy 44-89. Best developed where there is little or no soil, only on boundry

**Siskiyou** **Lava Beds N.M.** Island Butte on Black Lava Flow

**Shasta** Along Hwy. 44, 2 mi. E of **Shingletown**

**Shasta** **Manzanita Lake**, Lassen Volcanic National Park.

**Shasta** **McArthur Burney Falls** State Park

**Lassen** **Lassen Volcanic National Park**. 250 m NE Manzanita Lake and 250 m E Lassen Park



<b>Modoc</b> <b>Modoc</b>	2.1 km SSE of Day on road to State <b>Highway 299</b> . Everly Reservoir, Devil's Garden.
<b>SIERRA NEVADA</b>	
<b>Plumas</b> <b>Plumas</b> <b>Plumas</b>	<b>Buck's Lake</b> . N. of Grizzly Forebay W. side of <b>Lake Almanor</b> 20 ft W of Highway 70 at Twain, 18 mi S of <b>Greenville</b>
<b>Butte</b> <b>Sierra</b>	On both sides of Old Humboldt Rd, ca. 3 mi E of its jct with Scotts John Rd, N of Jonesville On S facing slope near <b>lower Sardine Lake</b> , ca. 2 mi NW of junction of Hwy 49 and Gold Lake Road
<b>Sierra</b> <b>Sierra</b>	<b>Gold lake</b> , northern Sierra Co. On the north side of Forest Road 98, about 2 miles (air) northeast of Harris Meadow, about 9 1/2 miles (air) northeast of <b>Alleghany</b>
<b>Sierra</b>	Hillside above Hwy 49, just to the north of Yuba River. Near <b>Oregon Creek</b> , Alleghany R oad, and Sierra County line
<b>Sierra</b>	2 mi e <b>Bassett</b> sta. - North Fork Yuba River, Pioneer Road sta.
<b>Nevada</b>	Martis Valley, southeast of <b>Truckee</b> , Martis Creek Lake Recreation Area, 300 meters southeast of dam above east shore of reservoir.39.3262°N, 120.1107°W ; elevation 5,840
<b>Nevada</b>	North of Hwy 80. Along <b>Bowman Lake Road</b> , about 7 road miles north of intersection with <b>Hwy 20</b> , at Fall Creek
<b>Nevada</b>	Washington Jct. on highway 20, 12 mi. e. of <b>Nevada City</b> .
<b>Placer</b> <b>Placer</b> <b>Placer</b> <b>Placer</b>	Carnelian Bay, <b>Lake Tahoe</b> 3 1/2 mi sw <b>Blue Canyon</b> (above railroad) 4,900 ft West slope Sierra Nevada near <b>Alta</b> 3,800 ft. Along <b>Foresthill Road</b> 26 miles northeast of the city of Forest Hill
<b>El Dorado</b> <b>El Dorado</b> <b>El Dorado</b>	Mt. Tallac <b>Lake Tahoe</b> 5 mi S of Meyers on rd to <b>Luther Pass</b> Slope above river near Sacramento Box Sawmill ("China Flat") (ca 4 mi s of Kyburz) - Silver Fork American River 4,000 ft
<b>El Dorado</b>	<b>Peavine Ridge Rd.</b> , Burned September 1992. Same site referred to as the 'Knight Site' in Roof (1967). E of Placerville.
<b>Alpine</b>	0.6 mi N of jct of Hwys 4 and 89, ca. 4.5 mi SE of <b>Markleeville</b>
<b>Amador</b>	2 mi n <b>Silver Lake</b> - Eldorado National Forest
<b>Calaveras</b>	<b>Tamarack</b> , ca. 4 mi NE of Big Meadow
<b>Tuolumne</b> <b>Tuolumne</b>	Pigeon Flat below <b>Sonora Pass</b> <b>Mather</b>
<b>Mono</b>	2 mi from Shady Rest Campground (on Rd 3S08 from <b>Mammoth Lake</b> to Hwy 395 via campground)
<b>Mariposa</b> <b>Mariposa</b>	Near <b>Mariposa Grove</b> (above Wawona) - Yosemite Park Tioga Rd., 17 km east of <b>Crane Flat</b> . Yosemite National Park
<b>Madera</b>	<b>Devils Postpile National Monument</b> - S-facing 10% slope with volcanic rock outcrops and standing dead trees in the Buttresses. Loose pumice over sand.
<b>Fresno</b> <b>Fresno</b> <b>Fresno</b>	<b>Huntington Lake</b> Near <b>Dinkey Creek</b> - Sierra Nat. Forest, W. Patterson Mt. North Fork <b>Kings River</b> canyon; appx. 2.5 air miles ESE of Courtright Reservoir Dam. Small stagnant pond on slabs appx. 1/4 mi. S and uphill from main river canyon
<b>Inyo</b> <b>Inyo</b> <b>Inyo</b>	Near end of road <b>Onion Valley</b> Tr. to <b>Mt. Whitney</b> , Lone Pine Creek Pinyon belt, <b>Olancha Pass</b>

**Tulare** Garfield Forest Big Trees **Sequoia Park**  
**Tulare** Portuguese Meadow, **Sunday Peak. Greenhorn mtn** range, Kern River watershed.  
**Tulare** **Mineral King Road** Sequoia National Park, Atwell Creek

**Kern** Southern High Sierra Nevada. East slope of Piute Mountains; 150 m north of Piute Mountain Road, 2.3 road km east of Forest Service boundary  
**Kern** Rim of the **Kern Plateau**, SW of Pine Flat  
**Kern** **Greenhorn Range** Rankin Ranch logging rd up Breckenridge Mtn  
**Kern** **Greenhorn Summit.**

**SOUTHERN CALIFORNIA**

**Kern** Road to Mt. Pinos, 12.7 km above Cuddy Valley Rd. (Keeley)

**Los Angeles** **San Gabriel Mtns.:** high point of East Table Mountain, Wrightwood area.  
**Los Angeles** East of Kelly Camp, W of Bighorn Peak, 0.7 miles from Icehouse Saddle along Ontario Peak Trail

**Los Angeles** At peak of Iron Mountain, 4-5 air miles NW of **Mt. Baldy village.**  
**Los Angeles** Summit of **North Baldy**  
**Los Angeles** **Crystal Lake** Campground., San Gabriel Mtns. (Keeley)  
**Los Angeles** **Mt. Baldy Ski Resort.** San Gabriel Mtns. (Keeley)  
**Los Angeles** Angeles Crest Hwy., Cloudburst Summit, San Gabriel Mtns. (Keeley)  
**Los Angeles** Ridge due north of Big Horn Ridge and south of San Antonio Ridge, **7625 ft.** high spot on ridge above Coldwater Canyon

**San Bernardino** **San Bernardino Mountains,** S.B. Nat. Forest, mountain slopes W of Deep Creek and 2 miles W of Green Valley Lake, SW of Fisherman's Camp. (T2N, R2W, SW/4 SW/4 sec. 20.) Near 34°14'N, 117°07'W Along trail near ridge-top. Elev. 5900 ft  
**San Bernardino** Mission Springs Camp- USFS RD. 1N05, 5 mi SE of Heart Bar Campground.  
**San Bernardino** City of Big Bear Lake, near Hwy 18; south of Mill Creek Rd and west of Talmedge Rd.  
**San Bernardino** slopes W of Deep Creek & 2 mi. W of Green Valley Lake  
**San Bernardino** City of **Big Bear Lake**, near Hwy 18; south of Mill Creek Rd and west of Talmedge Rd.  
**San Bernardino** 3 mi w **Big Bear Lake**  
**San Bernardino** Highway 38 west of Onyx Summit, 0.5 m west of **Heart Bar Campground** turnoff  
**San Bernardino** End of fish Creek Rd., 12.5 km south of Hwy 38 at **Heartbar Campground**  
**San Bernardino** Summit Ridge Trail between San Bernardino East & West Peaks, elev. ca. **10400 ft.**  
**San Bernardino** Santa Ana River Canyon, vicinity of **Seven Oaks.**, junction of Seven Oaks Road and Radford Camp Road  
**San Bernardino** Cienega Seca Creek, adj. to Hwy 38, from 0.5 to 1 mile down canyon from junction w/ Wildhorse Rd. (2N93.2).

**Riverside** **San Jacinto Mountains,** East of Fobes Ranch Road, about 1/2 mile south of Fobes Ranch.  
**Riverside** **San Jacinto Mountains,** Saddle Junction, ca. 2 km northeast of Humber Park, Idyllwild, 2400 m.  
**Riverside** San Jacinto Wilderness west of Palm Springs, trails south of visitor building at terminus of **Palm Springs Aerial Tramway;** vicinity of Long Meadow and higher ridges  
**Riverside** San Jacinto Mts. Along trail from Tahquitz Valley to San Jacinto Peak.  
**Riverside** East of Fobes Ranch Road, about 1/2 mile south of Fobes Ranch.  
**Riverside** Saddle Junction, ca. 2 km northeast of Humber Park, Idyllwild, San Jacinto Mtns.

**OUTSIDE OF CALIFORNIA:**

Continues northward through the Cascades or **Oregon** and **Washington**. Isolated occurrence at Lake Mary Ronan in **Montana** where it occurs with *A. uva-ursi*. Common in the Wasatch Mountains of **Utah** and other mountain ranges. Mountains of eastern **Nevada**. **Colorado:** Uncompahgre Plateau where it occurs with *A. uva-ursi* and many intermediates. Northern **Arizona**.

**A. pechoensis** (Abrams) Dudley ex Eastw. PECHO MANZANITA

**San Luis Obispo** Irish Hills; **Clark Valley Road;** 2.8 miles south of Los Osos Valley Rd. (east of Los Osos)

- San Luis Obispo** **Montana de Oro State Park** Hill above Coon Creek parking, Monterey shale. Large shrub, 4 ft tall among *Arctostaphylos tomentosa* ssp. *daciticola*, w/ *Lithocarpus densiflorus* (Hrusa 14147), *Quercus agrifolia* (Hrusa 14146).
- San Luis Obispo** South of San Luis Obispo and west of Hwy. 101; 1/2 mi. SE of summit of **See Canyon Rd**; 4.8 mi NW of its jct. with San Luis Bay Rd. Elev. 820 ft.
- San Luis Obispo** S end of Montana de Oro St. Pk. SW of Los Osos near **Coon Ck.** Elev. 500 ft.
- San Luis Obispo** 1/2 mi se of summit of **See Canyon Rd** 4.8 mi nw jct <See Canyon Rd> with San Luis Bay Rd (s of San Luis Obispo and w of Hwy 101)
- San Luis Obispo** **Irish Hills:** See Cyn, ca. 1.3 map km SE of jct with Prefumo Cyn Rd at Coon Crk, ca. 0.9 air km SSE of head of See Cyn
- San Luis Obispo** Irish Hills: **See Cyn Rd**, ca. 0.8 mi NW of jct with Davis Cyn Rd
- San Luis Obispo** Ridges, southwest of head **Davis Canyon**, Pecho Hills
- San Luis Obispo** **Davis Canyon**, Port San Luis Quad, Elev. 600 ft.
- San Luis Obispo** Upper **Coon Creek**
- San Luis Obispo** On left side of **See's Canyon Rd.**, 4 mi from San Luis Bay Dr. off of Hwy 101
- San Luis Obispo** S end of Montana de Oro St. Pk. SW of Los Osos near Coon Ck. Elev. 500 ft.
- San Luis Obispo** Head of **Wild Cherry Canyon**, Port San Luis Elev. 1500 ft.
- San Luis Obispo** 2 miles NNW of **Lion Rock**, Port San Luis elev. 1100 ft.
- San Luis Obispo** Head of **Wild Cherry Canyon** Pecho Mts.
- San Luis Obispo** **Diablo Canyon**, San Luis Range
- San Luis Obispo** Along Cuesta Ridge East about 4 miles SE of Cuesta Pass; elev. 2800 ft (*A. luciana*)?

## **A. peninsularis subsp. peninsularis**

Riverside Peninsular Ranges; San Jacinto Mountains region Road to Thomas Mtn. (5S15), 1.8 km south of Toolbox Spring, west of Garner Valley, San Jacinto Mountains.

Known from the Peninsular Ranges of Baja California: on granitic rocks in **Sierra Juarez** (*ssp. juarezensis*) and San Pedro Martir; also disjunctly far to the south in the **Sierra San Borja**, and isolated peaks between, notably **Cerro San Luis** in **Sierra Calamajue**. Forms chaparral at middle or higher elevations, mostly 100-2500 m; a massive zone dominated by this species occurs just below the coniferous forest dominated by *Pinus jeffreyi* at 2,500 m on the Sierra San Pedro, extending down to ca. 100 m.

The following collections were made by Jon Keeley and associates in 1992. They may now be considered *A. parrayana ssp. desertica*, or *A. glandulosa ssp. adamsii*, two very similar species.

- Riverside** Road to Thomas Mtn. (5S15), 1.8 km south of Toolbox Spring, west of Garner Valley, San Jacinto Mountains.
- Riverside** Morris Ranch Rd. (6S06), 6.3 km east of Hwy 74, western base of Pyramid Pk., San Jacinto Mountains.
- Riverside** Rd. to Thomas Mtn. (5S15), 4.3 km north of Toolbox Spring. San Jacinto Mtns.
- San Diego** Slopes west of Cottonwood West Campground, north end of McCain Valley, eastern Laguna Mountains.
- San Diego** McCain Valley Road, 6.6 km north of Highway 94, southeastern Laguna Mountains.

## **A. peninsularis subsp. juarezensis** Keeley, Massihi, Goar Madrono 39 (4): 286, 1992

A tall, erect form of *A. peninsularis* with no basal burl exists as a large population on granitic rocks near **Laguna Hansen** in the **Sierra Juarez**.

## **A. pilosula** Jeps. & Wiesel. SANTA MARGARITA MANZANITA

- San Luis Obispo** Santa Lucia Mountains: 4 miles west of Ocean View Mine, Between **Pine Mountain** and **Burnett Peak**.
- San Luis Obispo** South **Los Burros Creek**,
- San Luis Obispo** **Cuesta Ridge**, W of Hwy 101, c. 8 mi N of San Luis Obispo, elev. 1800 ft.
- San Luis Obispo** **Atascadero**; ca 0.3 mile SW of jct. Atascadero Rd. and San Diego Rd

**San Luis Obispo** **Atascadero Road** near La Paz Lane South of City of Atascadero  
**San Luis Obispo** Along W side of path at S edge of first pine grove, South Trail, **Pozo Summit**.  
**San Luis Obispo** On South Trail, Pozo Summit, along margin of Pinus coulteri grove with *A. glandulosa ssp. cushingiana* and *A. glauca*.

**San Luis Obispo** Outer rim of trail from **Pozo Summit** to Pine Mtn., well into Pinus coulteri stands nr. Pine Mtn. This +/- typical *A. pilosula*, ca. 8 x 10', low rounded, bark dark & shiny, lvs. olive-green, flowering profusely, white.

**San Luis Obispo** Trail to **Machesna Mt.**, La Panza Range  
**San Luis Obispo** 9 mi. e. of Pozo on east facing slope above highway in **La Panza** Range on road to McKittrick

**San Luis Obispo** 1 mi NNW New District School  
**San Luis Obispo** Paloma Creek road S **Atascadero**  
**San Luis Obispo** **Paloma Creek road** s Atascadero  
**San Luis Obispo** 9 mi E of **Pozo** (en route to McKittrick) - La Panza Range  
**San Luis Obispo** S Los Berros Creek (near Hwy 1)  
**San Luis Obispo** 1.1 miles NW of New District School, Pozo Quad., Sec. 11, T30S, R14E, elev. 1750  
**San Luis Obispo** **Cuesta Ridge**, W of Hwy 101, c. 8 mi N of San Luis Obispo, elev. 1800 ft.  
**San Luis Obispo** E of Arroyo Grande along **Huasna Rd** ca. 1 mile W of Porter Ranch; SE of **Lopez Lake**; Elev. 1120 ft.  
**San Luis Obispo** 1 mi SW Edna  
**San Luis Obispo** 1/4 mile N of **Indian Knob**, elev. 350 ft.  
**San Luis Obispo** Sycamore Springs 1 mile E of **Sycamore Springs**, Elev. 250 ft.  
**San Luis Obispo** 2 mi sw **Tar Springs Ranch**

Greener, coastal form sometimes call *A. pilosula ssp. pismoensis*, = *A. wellsii*

**San Luis Obispo** Upper **Coon Creek**  
**San Luis Obispo** **Price Canyon**  
**San Luis Obispo** On Ormonde Rd. off of **Price Canyon Rd.** from Pismo Beach.  
**San Luis Obispo** Hill north of summit of **Noyes Road**; 0.2 mile southwest of junction with Highway 227, north of Arroyo Grande

## **A. pringlei** subsp. **pringlei** Parry

Subspecies *pringlei* is found in central Arizona, southern Nevada, and southwestern Utah, and the Sierra Juarez and Sierra San Pedro of Baja California. (Not found in California)

**NEVADA:** Virgin Mountains, extreme southeastern Nevada

**ARIZONA:** Hualpai Mountains of northwestern Arizona, southeast across highlands to Chiricahua Mountains of extreme southeastern Arizona, where it may extend into the Chiricahua Mts. northern Mexico and New Mexico.

**UTAH:**

**BAJA CALIFORNIA:**

**Sierra Juarez** In drainage south of Laguna Hansen  
**San Pedro Martir** West of National Park boundary along road to observatory

## **A. pringlei** subsp. **drupacea** (Parry) P.V. Wells PINK BRACTED MANZANITA

**San Bernardino** **Lake Arrowhead** Area: SE of Papoose Lake & N of 'Cedar Glen' neighborhood. USGS Lake Arrowhead 7..5' Quad: T2N R3W S14 SE/4. 34°15'N, 117°10'W. Elevation. 5150-5400 ft. 7 air mi. So. of Big Bear Lake below Barton Flats along Hwy 38  
**San Bernardino** San Bernardino Mountains **Barton Flat Road** from Redlands above Santa Ana River. Alt 6000 ft.  
**San Bernardino**

<b>San Bernardino</b>	San Bernardino Mountains Northeast of Rock Camp Station, ca. 745 meters east of Hwy 173 along Willow Creek Road 3N34, near Pinnacles Staging Area, headwaters of Willow Creek. UTM 11S: 37 95 025 N x 04 81 894 E.\ San Bernardino San
<b>San Bernardino</b>	N shore <b>Lake Arrowhead</b>
<b>San Bernardino</b>	Running Springs, off Hwy. 18, .7 mi. E of Hwy. 330 jct. End of Fern Road.
<b>San Bernardino</b>	From College Camp Road, east of the South Fork Campground along the Santa Ana River to the west end of Big Meadows, by <b>Heart Bar</b> fire (work) Camp.
<b>San Bernardino</b>	East of Running Springs School Rd. at the SE edge of Running Springs, south of Hwy 18 near Seymour Flat
<b>San Bernardino</b>	Bluff Lake Creek, San Bernardino Mountains, <b>Alt. 7000 ft.</b>
<b>San Bernardino</b>	About 0.5 mi below <b>Camp Angelus</b> on <b>Hwy 38</b>
<b>San Bernardino</b>	Mill Creek Canyon: Momyer Creek Trail west of Falls Creek
<b>Orange</b>	Main Divide Motorway 7 mi from summit of <b>Santiago Peak</b> (se) - <b>Santa Ana Mts.</b>
<b>Riverside</b>	<b>Santa Rosa Mountain Road</b> , 1 km south of Highway 74.
<b>Riverside</b>	Strawberry Valley, 1.5 miles from Idyllwild on road to Banning; elev. <b>5600 feet.</b>
<b>Riverside</b>	<b>San Jacinto Mountains</b> -Western flank of the range, vicinity of Alvin Meadows and Chimney Flats, west of <b>Idyllwild</b> along forest service road 5N13 near 5N06.
<b>Riverside</b>	San Bernardino National Forest. Next to <b>Lake Fulmor</b> , 17 miles S on Hwy 243 (off I-10).
<b>Riverside</b>	Parking lot and stream below parking lot on CA Hwy 243 across road from <b>Lake Fulmor</b>
<b>Riverside</b>	San Jacinto Mtns: Strawberry Valley, 1.5 mi from <b>Idyllwild</b> on rd to Banning
<b>Riverside</b>	San Jacinto Mtns., <b>Black Mountain campground</b>
<b>Riverside</b>	On road from <b>Idyllwild</b> to Banning - San Jacinto Mountains, Pine Cone Summit
<b>Riverside</b>	<b>Santa Ana Mtns</b> trail to Santiago Peak, 100 m from Main Divide Road
<b>Riverside</b>	North side of <b>Santa Rosa Mtn.</b> ca. 1900 m.
<b>Riverside</b>	<b>Santa Rosa Mountain Road</b> , 1 km south of Highway 74.
<b>Riverside</b>	Palms to Pines Highway [Hwy 74], San Jacinto Mountains. Elev. <b>4200 ft.</b>
<b>Riverside</b>	Santa Rosa Mts. S of Hwy. 74 dirt road to <b>Toro</b> and <b>Santa Rosa Peaks</b> . Toro Camp Area
<b>Riverside</b>	Gordon Trail from Andreas Canyon, east base of San Jacinto Mtns., at <b>6000 ft.</b>
<b>San Diego</b>	<b>Laguna Mtns.</b> , along road to Monument Peak
<b>San Diego</b>	Laguna Mountains, near summit of Monument Peak; <b>elev. 5500 ft.</b>
<b>San Diego</b>	Cuyamaca State Park, trail to <b>Cuyamaca Peak</b> , ca. 3/4 mile from Paso Picacho campground. Hilly, open area north of trail.
<b>San Diego</b>	Hot Springs Mountain, along <b>Hot Springs Mountain Road</b>
<b>San Diego</b>	<b>Los Coyotes Indian Reservation</b> , Indian Canyon, 1 km N of turnoff to San Ignacio, E of Hot Springs Mtn.
<b>San Diego</b>	Beauty Mountain region, south of <b>Chihuahua Valley Road</b> along Puerta De La Cruz Road. Approximately 4 km from State Route 79 and 10 linear miles north-northwest of Warner Hot Springs.
<b>San Diego</b>	Forbes Cypress Grove, <b>Guatay Mt.</b> near Descanso
<b>San Diego</b>	Cuyamaca State Park, <b>trail to Cuyamaca Peak</b> , ca. 3/4 mile from Paso Picacho campground. Hilly, open area north of trail.
<b>San Diego</b>	Cuyamaca Rancho State Park (West Mesa) 0.4 miles SSW of intersection of Fern Flat Fire Road and West Mesa Loop Trail, 0.6 miles NW of West Mesa Fire Road and Fern Flat Fire Road, 1.6 miles SE of Cuyamaca Peak
<b>San Diego</b>	Lower south slope of north peak Cuyamaca Mountain. Altitude <b>4800 feet</b>
<b>San Diego</b>	Cuyamaca Rancho State Park. NW of Green Valley Campground, near intersection of Arroyo Seco Trail and Fox Trail, 0.5 mile N of Arroyo Seco Trail Camp (equestrian primitive camp) and terminus of Arroyo Seco Fire Road.
<b>San Diego</b>	<b>Palomar Mountain State Park.</b> Lower Doane Valley, approximately 0.5 mile north of weir trail.
<b>San Diego</b>	Laguna Mountains: S of Garnet Peak and above Storm Canyon, <b>Penny Pines</b> vicinity, E of Sunrise Highway along the Pacific Crest Trail
<b>San Diego</b>	12.7 miles off El Camino Inacio Road on a dirt road to <b>Los Coyotes Indian Reservation.</b>
<b>San Diego</b>	Anza Bench region: Warner Springs area, flats east of gliderport, near the Pacific Crest Trail, south of Highway 70.
<b>San Diego</b>	Cleveland National Forest, Warner Springs, 50 yards E of northbound Pacific Crest Trail, 6 miles from Lost Valley Road trailhead (trailhead is 4.5 miles N of <b>Hwy 79</b> )
<b>San Diego</b>	<b>Agua Tibia Mtns</b> Cleveland National Forest, E face of Eagle Crag, south of upper Arroyo Seco, west of the Cutca Valley, along the Palomar-Magee Trail



## **A. pumila** Nutt. SAND-MAT MANZANITA

<b>Monterey</b>	Salinas Valley: 5 mi SW of main garrison, near infiltration course range, <b>Ft Ord</b>
<b>Monterey</b>	<b>Imjin Rd.</b> near Resevation Rd in sand dunes at edge of <b>Fort Ord.</b>
<b>Monterey</b>	Monterey Bay <b>Fort Ord Military Reservation</b> west end, north of Reservation Road
<b>Monterey</b>	<b>Reservation Road</b> at city limits in <b>Marina</b> . At Fort Ord scattered as individuals along roadside and within fence.
<b>Monterey</b>	Sandy flats near <b>Seaside</b>
<b>Monterey</b>	Pacific Grove near Pt Pinos - Arena Ave 1/10 mi E of Sunset Dr - Monterey Peninsula
<b>Monterey</b>	Two miles East of Monterey Airport Road, between airport and Salinas-Monterey highway (California State Highway 68) on north side of highway, Santa Lucia Mountains, alt. 100 ft.
<b>Monterey</b>	Near the <b>Monterey Airport</b> on Salinas road about 4 mi. e. of Monterey.
<b>Monterey</b>	S of <b>Airport</b> , directly across from entrance to <b>Jacks Peak Park</b> , E of Monterey.
<b>Monterey</b>	Approximately 3/4 mile N of Highway 68 on <b>Laguna Seca Ranch</b>
<b>Monterey</b>	Salinas Valley: N of Monterey on <b>Castroville Rd</b>
<b>Monterey</b>	Below intersection of Mora Lane and Sunridge Road (on "yellow" equestrian trail) - Del Monte Forest, upper Pescadero Canyon drainage
<b>Monterey</b>	In the <b>Del Norte Forest</b> in the green belt on the w. side of <b>Congress Ave</b> , Pacific Grove.
<b>Monterey</b>	<b>Pacific Grove.</b> From <b>type locality.</b>
<b>Monterey</b>	<b>Point Lobos state Reserve</b> - E of Highway 1 Gibson Canyon Pt Lobos addition - Santa Lucia Mountains

## **A. pungens** Kunth MEXICAN MANZANITA

<b>Monterey</b>	Santa Lucia Mtns: 0.2 km N of <b>San Antonio River</b> , ca. 1 km E of Merle Ranch, ca. 1.2 km S of Del Venturi Rd; Ft Hunter Liggett
<b>Monterey</b>	Del Venturi Rd from San Antonio Mission to <b>The Indians</b>
<b>Monterey</b>	<b>Mt Toro</b> SE side - Above Parker Rd Doug Paul Fay Prop - <b>Sierra de Salinas</b>
<b>Monterey</b>	Approximately 1 mile westerly from Parkfield Grade, Varian Ranch, Slope of <b>Gastro Pk.</b>
<b>Monterey</b>	<b>Diablo Range:</b> Smith Mtn, Monterey/Fresno County line
<b>Monterey</b>	<b>Paso Robles</b> - Hidden Valley Ranch. Walk to Serrate Sandstone Ridge. S. of Hwy 120 to Coalinga.
<b>Monterey</b>	Very near summit of <b>Cone Peak</b> , Santa Lucia Mts. (1923)
<b>Monterey</b>	<b>Tassajara Rd.</b> , near Church's place. (1901)
<b>Monterey</b>	Priest Valley LeNeve Prop - 3.5 mi N of <b>Highway 198</b> along N Fork Rd - Diablo Range
<b>San Benito</b>	On Clear Creek Rd. 2.1 mi. from junction of <b>Coalinga Rd.</b> , thence s. up mining road after wading across creek.
<b>San Benito</b>	1/4 mi e summit of <b>Clear Creek Road</b> (3 mi w of New Idria) - South Diablo Range - Clear Creek Road, S Diablo Range, W of New Idria, San Benito Co.
<b>San Benito</b>	Diablo Range: 0.5 mi from <b>New Idria</b> towards San Benito Mtn
<b>San Benito</b>	<b>Pinnacles National Monument</b> -Cave Rocks trail towards Chalome Peak.
<b>San Benito</b>	High Peaks Trail 1 1/2 mi from utility area - Pinnacles Nat. Mon.
<b>San Benito</b>	Along the <b>North Chalome Peak</b> Trail Pinnacles National Monument - <b>Pinnacles National Monument</b> , San Benito Co.
<b>San Benito</b>	Slopes east of Bear Gulch Reservoir, south of Visitor Center, <b>Pinnacles National Monument.</b>
<b>San Benito</b>	Below the northern side of Hepsedam Peak on the Harold Eade Ranch.
<b>San Benito</b>	Call Mountain, open slopes near fire lookout tower on summit hill 3888 (tributary to <b>Tres Pinos Creek</b> )
<b>San Benito</b>	San Benito Mountain Ridge 2 miles S of Spanish Lake approx. 3.5 m. S of <b>Santa Rita peak.</b> Large population subdominant w/ <i>Quercus durata</i> , <i>Arcto. glauca</i> .
<b>Fresno</b>	North edge of (Big) Spanish Lake, Clear Creek Management Area.
<b>Kern</b>	Brush Mountain, <b>San Emigdio Range</b>
<b>Kern</b>	<b>Tejon Ranch:</b> near the head of Lecheria Creek (Mojave drainage).
<b>Kern</b>	Canyon just south of <b>Cottonwood Canyon</b> , Mojave drainage.
<b>Kern</b>	<b>Cuddy Canyon</b> , 2.5 mi S.W. of <b>Lebec</b> , Alt. 4100 ft. Santa Barbara forest
<b>San Luis Obispo</b>	1 mile E. of <b>Machesna Mt.</b>
<b>San Luis Obispo</b>	1.2 mi e <b>McChesney Mt.</b>



<b>Santa Barbara</b>	<b>San Rafael Mtns:</b> vicinity of summit of rd to Big Pine Mtn
<b>Santa Barbara</b>	<b>San Rafael Mtns:</b> bank of fire rd on ridge NW of Madulce Pk
<b>Santa Barbara</b>	<b>Sierra Madre:</b> above Santa Barbara Potrero, Pine Mtn
<b>Santa Barbara</b>	<b>Sierra Madre-San Raphael Mountains</b> region Upper Cuyama Valley, 2km south of Halfway Station on Hwy 33. Elev. 1260m
<b>Ventura</b>	<b>Lockwood Valley Rd.</b> 23 km east of Hwy. 33. (Keeley)
<b>Ventura</b>	<b>Mount Pinos</b>
<b>Ventura</b>	<b>Cuyama Valley:</b> upper Cuyama River, 5 mi above Ozena
<b>Ventura</b>	Topatopa Mountains
<b>Ventura</b>	Sandstone Cammpground
<b>Ventura</b>	Along <b>Hwy 399</b> , 0.4 miles south of Jct 399 and Brubaker Canyon Road
<b>Ventura</b>	Along Hwy 399, 0.4 miles south of Jct 399 and Brubaker Canyon Road
<b>Los Angeles</b>	<b>San Gabriel Mountains</b> - Antonio Peak (=Lookout Mtn.), ridge E of Cattle Canyon and W of the west fork of Bear Canyon.
<b>Los Angeles</b>	Antonio Peak (Lookout Mtn.), ridge east of Cattle Canyon and west of the west fork of Bear Canyon.
<b>Los Angeles</b>	<b>Mt. Wilson</b>
<b>San Bernardino</b>	San Bernardino Mtns: <b>Big Falls Lodge</b>
<b>San Bernardino</b>	San Bernardino Mts Upper Santa Ana River Watershed: Staircase Canyon. Small drainage on S-facing slope. USGS 7 1/2' Big Bear Lake quad. ca. 6000 ft. elev. (1830 m)
<b>San Bernardino</b>	San Bernardino Mtns. Santa Ana River Canyon, along <b>Seven Oaks Road</b> (1N45), 0.8 mi below the upper river crossing
<b>San Bernardino</b>	Hwy 173, east of <b>Lake Arrowhead</b> , San Bernardino Mtns.
<b>San Bernardino</b>	Cedar Springs, north side of San Bernardino Mts. <b>Alt 3500 ft.</b>
<b>San Bernardino</b>	Santa Ana River Canyon, vicinity of <b>Seven Oaks</b> . W of Jct. of Seven Oaks Rd. and Radford Camp Rd.
<b>San Bernardino</b>	The Pipes, near <b>Morongo Valley</b> .
<b>San Bernardino</b>	<b>Colorado Desert;</b> Little <b>San Bernardino Mountains</b> . Alt. 5000 ft
<b>San Bernardino</b>	<b>New York Mountains</b> , Caruthers Canyon
<b>San Bernardino</b>	<b>Mojave Desert;</b> East Mojave Desert region <b>New York Mountains:</b> Upper portion of Caruthers Canyon; elev. c. 5500 ft
<b>San Bernardino</b>	8 3/4 (air) miles e. of Cima in Fourth of July Canyon of w. <b>New York Mts.</b> , just below mine at end of road on slopes. Above mine.
<b>San Bernardino</b>	<b>Eastern Mojave Desert</b> New York Mountains: NW ridge in Fourth of July Canyon, approximately 1 mile east of Thorne's Buckwheat
<b>Riverside</b>	<b>San Jacinto Mountains</b> Fobes Canyon, ± 1 mile up Fobes Ranch Road from Fobes Spring.
<b>Riverside</b>	1.7 miles NE of Pinon Flats, San Jacinto Mountains.
<b>Riverside</b>	San Jacinto Mtns. by the side of Lake Fulmor, south of Banning [on Hwy 243] "el. 7000 ft."
<b>Riverside</b>	Hwy 243 at deer Springs trailhead and adjacent area. <b>San Diego</b> L.L. Ranch, Bell Bluff Truck Trail, 2 mi south of I-8 on Japatul Valley Road.
<b>Riverside</b>	<b>Rd. to Thomas Mtn.</b> (5S15), 2.7 km west of Hwy. 74 on Pyramid Peak Rd., San Jacinto Mountains.
<b>Riverside</b>	Red Mountain Road, 5 km east of R3.
<b>Riverside</b>	1 mi se <b>Toro Peak</b> Ridge - <b>Santa Rosa Mts.</b>
<b>Riverside</b>	<b>Santa Rosa Mtns:</b> Santa Rosa Indian Reservation
<b>San Diego</b>	2.6 km S of <b>Lake Morena</b> , 1.9 km W of locked gate on S side of Hauser Creek Road (Cottonwood Rd), near intersecton with the Pacific Crest Trail.
<b>San Diego</b>	<b>Descanso</b> , S side of Dexter Peak, 1/4 mi N of Interstate 8, W of Hwy 79 (Old 80) and Los Terrinitos, along Wildwood Glen Lane
<b>San Diego</b>	<b>Julian</b> , near 3710 Vinewood Drive, approximately 3 acres of native habitat. 79 N approximately 20 miles turn right onto Royal Drive .25 miles intersection of Lakeview Drive and Vinewood Drive.
<b>San Diego</b>	<b>Cuyamaca Mtn.</b> State Park, Oakzanita Peak trail, ca. 1/2 mile past junction with East Mesa Fire Road, ca. 1 mile from parking lot at Hwy 79 (at 3.1 mile marker).
<b>San Diego</b>	E of Highway 79 at Wildwood Glen Lane
<b>San Diego</b>	<b>Guatay State Park</b> , Highway 80.

**San Diego**

Middle fork Borrego Palm Cyn, 3-4 km SE San Ignacio, **San Ysidro Mtns.**, E of Hot Springs Mtn.

**OUTSIDE OF CALIFORNIA:**

**NEVADA:** Spring Mountains, north of Las Vegas

**ARIZONA:** Throughout the mountains of Arizona

**NEW MEXICO:** Southern mountains

**UTAH:** Southwestern mountains

**TEXAS:** Rare in western Texas

**MEXICO:** In Baja California found in the Sierra Juarez and Sierra San Pedro Martir. On the mainland of Mexico, found on most mountain ranges throughout the country, on both the Sierra Madre Occidental and Sierra Madre Oriental, Volcanic cross ranges and Sierra Madre Sur, as far south as Oaxaca.

**A. purissima** P.V. Wells LA PURISSIMA MANZANITA

- Santa Barbara** Casmalia Hills: **Point Sal Ridge**
- Santa Barbara** **Point Sal**, W end of Purissima Ridge; 6.3 mi from jct. with Hwy. 1, 2.3 mi on Pt. Sal Rd. from jct. with Brown Rd.
- Santa Barbara** Bluffs above **Point Sal Beach Park**
- Santa Barbara** Casmalia Hills: W side of Corralitos Cyn, **Pt Sal**
- Santa Barbara** **Point Sal Summit**
- Santa Barbara** Purisima Ridge Near Mission Hills, S of Purisima Ridge, just N of Hwy. 246 on Hwy 1 at jct. with **Burton Mesa Rd.** elev. 600 ft.
- Santa Barbara** Purisima Hills: summit of **Harris Grade Rd**, ca. 2.1 mi N of jct with Rucker Rd
- Santa Barbara** Santa Ynez Mtns: 7 mi from Hwy 1 on rd to **Pt Conception**
- Santa Barbara** 7 miles north of La Purissima Mission.
- Santa Barbara** Purisima Hills: **Rucker Rd** near Lompoc
- Santa Barbara** Burton Mesa: 0.4 km N of St Hwy 1 (Lompoc-Casmalia Rd), just S of Cabrillo High School
- Santa Barbara** **Purisima Ridge** Near Mission Hills, S of Purisima Ridge, just N of Hwy. 246 on Hwy 1 at jct. with Burton Mesa Rd.; elev. 600 ft.
- Santa Barbara** Purisima Hills: **summit of Harris Grade Rd**, ca. 2.1 mi N of jct with Rucker Rd
- Santa Barbara** **Bishop Pine Forest**, 5 miles N of Lompoc.
- Santa Barbara** main ridge between heads of **Arroyo Bullito** and Canada de los Panochas; Hollister Ranch
- Santa Barbara** **Graciosa Ridge**, SE of Orcutt, W of Mt. Solomon, Elevation c. 800 ft.
- Santa Barbara** **Solomon Hills**: near Palmer Rd on Union Oil Company lease
- Santa Barbara** **Purisima Hills**: Bishop Pine Grove, Lompoc
- Santa Barbara** SE of Lompoc Terrace, 0.5 km W of upper Lompoc Cyn, 1.1 km E of Bear Crk;
- Santa Barbara** **Vandenberg Air Force Base**
- Santa Barbara** **Honda Ridge Tower**, short spur rd from Honda Ridge Rd, South Base; **Vandenberg Air Force Base**
- Santa Barbara** Scattered in sandy ground around barracks on Buron Mesa about a mile inside main gate to **Camp Cooke**.
- Santa Barbara** **Casmalia Hills**: between Casmalia and San Antonio Cyn
- Santa Barbara** Santa Ynez Valley: **Hwy 246 at Campbell Rd**, ca. 8 mi W of Buellton
- Santa Barbara** Purisima Hills, northeast of Lompoc, off **Tulerosa Rd.**, 0.7 km north of Purisima Rd. (Hwy 246).
- Santa Barbara** **Santa Ynez Mtns**: rd on ridge of Santa Ynez Mts above Cojo Cyn, NE of **Pt Conception**
- Santa Barbara** Purisima Hills: above Pine Cyn N of **Lompoc**
- Santa Barbara** 3.9 mi NE of Santa Ynez River on **St Hwy 1** from Santa Maria to Lompoc
- Santa Barbara** Santa Ynez Mtns: 2 ridges W of Oil Well Cyn, near **Pt Arguello** (3500 ft SW of SLC-6 Deluge Water Tank)
- Santa Barbara** Santa Ynez Mtns: 6 mi E of **Jalama**
- Santa Barbara** South of Lompoc, south slope off **Jalama Rd.**, 9 km southwest of Hwy 1.
- Santa Barbara** south of Lompoc, off **Jalama Rd.**, 17 km southwest of Hwy 1.

**Santa Barbara** south of Lompoc, off **Jalama Rd.**, 8 km southwest of Hwy 1.  
**Santa Barbara** 7 mi from Hwy 1 on rd to **Pt Conception**  
**Santa Barbara** Serpentine ridge at head of **Cojo Canyon**.  
**Santa Barbara** Sandstone ridge at head of Cyn del Cojo, 5.5 mi NE of **Pt Conception**  
**Santa Barbara** **Gaviota Peak Trail**; about 1 hiking-mile downslope (W) of Peak.  
**Santa Barbara** Santa Ynez Mtns: upper Agua Cyn, **W of Gaviota Pass**  
**Santa Barbara** Santa Ynez Mtns: just below crest opposite Agua Cyn on S side and W of **Gaviota Pass**

## **A. rainbowensis** J.E. Keeley & Massihi RAINBOW MANZANITA

**Riverside** Southern **Santa Ana Mountains**, San Mateo Canyon Wilderness Area of the Cleveland National Forest. Fisherman's Camp Trail (7S02) from Wildomar Road (7S01) w. into Tenaja Canyon at its confluence with San Mateo Canyon, Fisherman's Camp.  
**Riverside** Perris-Aguanga Basin region **Temecula Grade**, 4 miles S of Temecula. Alt. 1300 ft.  
**Riverside** Santa Ana Mountains Rancho California, vicinity of Santa Rosa Plateau, Rancho California Road c. 2.2 km by road east Jefferson Ave. in **Temecula**  
**Riverside** West of Temecula, off **Carancho Rd.**, 2.3 km west of Via Volcano, eastern Santa Margarita Mtns.  
**Riverside** West of Temecula, off **Colman Rd.**, 0.8 km north of **Carancho Rd.** and west of **De Luz Rd.**, eastern Santa Margarita Mountains.  
**Riverside** Santa Ana Mountains south of Mesa de Colorado on the Santa Rosa Plateau, northwest corner of **El Calamar Road** and Via Escalon, 1.6 km west-northwest of the summit of Mesa de La Punta  
**Riverside** 15 kilometers east of Temecula near **Tenaja Road**. From Tenaja, south on Harkey Road, east on Avenida Presta, south on Calle Viento, a dirt road on slope above drainage.  
**Riverside** Hills west of the head of **De Luz Creek**, 0.4 mi south of Tenaja Rd. on west side of Calle Roble near Avenida Matorral (Wildomar 7.5'Q.: 33° 30' 30"N, 117° 19' 30" W; T8S R4W S5). Alt.: 671m/ 2200ft.  
**Riverside** "**Santa Margarita Ecological Reserve**, east of 'Highlands Trail' on mesa top, near weather station, among boulders."  
**Riverside** **Santa Rosa Plateau**; hills west of the head of **De Luz Creek**, 0.4 mile south of Tenaja Road on west side of Calle Roble near Avenida Matorral.  
**Riverside** **Santa Ana Mountains** region Santa Rosa Plateau, S base of Redonda Mesa.  
**Riverside** Santa Rosa Plateau, southwest of Mesa de Colorado, **Carancho Road** at **Tortuga Rd.**  
**San Diego** Along dirt rd. off **Canyon View Rd.**, 0.5 km S of Daisey Rd. which is either 1.3 km from De Luz Rd. via Santa Margarita T.T. or ca. 1.6 km from De Luz Rd; De Luz Hts.  
**San Diego** 1 mile north of Pala, along **Pala-Temecula** Road.  
**San Diego** **Rancho Hts. Rd.**, 5-8 km east of **Pala Rd.**  
**San Diego** **Rainbow Hts. Rd.**, 100 m west of Via Ladera, Rainbow.  
**San Diego** **Palomar Mountains** region One mile west of Rainbow, 33°24'30"N, 117°10'15"W, elev. 330 m.  
**San Diego** "**Agua Tibia Mts**, western end of range, south of **Pechanga Indian Reservation** & east of **Magee Rd.**" "Within area burned in fall 2000 Pechanga fire."  
**San Diego** Agua Tibia Mountains: **Wilderness Gardens Preserve**. Approximately 3.4 miles east of **Pala** south of Hwy. 76 along the San Luis Rey River. Areas along the main trail network from the parking area along the primary driveway within the river bottom to areas of native grasslands on the higher slopes  
**San Diego** **Rancho Heights-Magee Road**, 2.0 km east of Pala Road.  
**San Diego** Disturbed habitat on shoulder of **Rainbow Heights Road**, Rainbow, California. Completely surrounded by residential development.  
**San Diego** Along **Rainbow Hts. Rd.** 1.6-1.9 km E of **Rice Cyn. Rd.**  
**Riverside** East of Hwy 15, off **Rainbow Cyn. Rd.**, 3 km north of San Diego Co. line.  
**San Diego** Flat area off of **Rainbow Crest Rd.** 3.2 km NE of Rainbow Hts. Rd. (near Rainbow Ohnor Camp).  
**San Diego** **Rainbow Glen Dr.** 1.4 km W of 395 on the road to California State University, San Diego, Temecula Field Station.  
**San Diego** Near top of hill on Jeremy Way off **Gomez Creek Road**.  
**San Diego** **Agua Tibia Mountains**: Wilderness Gardens Preserve. Approximately 3.4 miles east of Pala south of Hwy. 76 along the San Luis Rey River. Areas along the main trail network from the parking area along the primary driveway within the river bottom to areas of native grasslands on the higher slopes. Elev. 530 - 700 Feet.  
**San Diego** Jeep trail to Royal Oak Ranch, west of Highway 15, ca. 1.0 km south of Riverside County line.  
**San Diego** "S. of Magee Road, 7.2 mi. due north of Pala" (mak 2/06)

- San Diego** N of Daily Rd along dirt spur Rd, 0.7 mile S of County line, 1.2 miles N of Ross Lake, 4.5 miles NW of the City of Fallbrook on BLM land.
- San Diego** western end of range, south of **Pechanga Indian Reservation** and east of **Magee Road**; elev. 579m
- San Diego** Northwest of **Fallbrook** along **De Luz Road**.
- San Diego** **De Luz Heights road** west of intersection with Calle Conquistador. Off Donnil Lane
- San Diego** N of Daily Rd along dirt spur Rd, 0.7 mile S of County line, 1.2 miles N of Ross Lake, 4.5 miles NW of the City of **Fallbrook** on BLM land.
- San Diego** North of **Fallbrook**, Big Rock Mountain Trail in Fallbrook Nature Conservancy Area, 0.2 mi E of **Sandia Creek Dr.**, 1.8 mi N of its intersection with Rock Mountain Rd., 0.25 mile west of Riverside County Line
- San Diego** "S. of **Magee Road**, 7.2 mi. due north of **Pala**" (mak 2/06)
- San Diego** Jeep trail to **Royal Oak Ranch**, west of Highway 15, ca. 1.0 km south of Riverside County line.
- San Diego** **Camp Pendleton Marine Corps Base**, road and firebreak to No Firing area and India Artillery Observation Point in Zulu Impact Area, accessed via Roblar Rd.
- San Diego** **Santa Margarita Mountains**: Cleveland National Forest; just east of the border with Camp Pendleton Marine Corps Base; **Margarita Peak**, along the trail that leads up from the east side
- San Diego** Growing above roadcut on **Rainbow Crest Road** ca. 50m southeast of intersection of Rainbow Crest Road and **Gomez Creek Road**. Most of surrounding habitat developed or disturbed.
- San Diego** "Southern end of **Merriam Mountains**, west of Interstate 15, north of the City of **Escondido**, on east-facing slope, ca. 5 meters of well-established dirt path/road. Property in process of being cleared and graded for residential 'development'."

## **A. refugioensis** Gankin REFUGIO MANZANITA

- Santa Barbara** Above **Cañada del Cojo**, NE of Pt Conception (*A. purissima* also reported in this area)
- Santa Barbara** Road to **Jalama** south of Lompoc, 9.2 mi east of Jalama Beach Park. (Probably is *A. purissima*)
- Santa Barbara** **Gaviota Pass**, high above hwy on W side (*A. purissima* also reported in this area)
- Santa Barbara** Above Hollister Ranch house **El Bulito Cyn**, W of **Gaviota** (*A. purissima* also reported in this area)
- Santa Barbara** W end of West **Camino Cielo**, 1 mi E of Refugio Pass
- Santa Barbara** **Refugio Pass Rd** ca. 1 mi above **Circle Bar B Ranch**
- Santa Barbara** S of summit of **Refugio Pass** ca. 1/2 mi; 7 mi N of jct. with Hwy 101 Elev. 2200 ft.
- Santa Barbara** 5 mi N of Hwy 101 along **Refugio Pass Rd.**; elev. 1700 ft
- Santa Barbara** **Refugio Rd.** 12.7 km north of Refugio State Beach.
- Santa Barbara** **El Camino Cielo** ca. 3 mi E of summit of Refugio Pass

## **A. regismontana** Eastw. KING MOUNTAIN MANZANITA

- San Mateo** middle summit **Montara Mt.** (Peak Mountain)
- San Mateo** NW side of **Montara Mtn.** (Keeley)
- San Mateo** **Kings Peak Road**; Santa Cruz Mountains, Kings Mtn., on road to **archery area** under high-voltage, steel-tower electrical transmission line
- San Mateo** junction King's Mt. Rd. and Skyline Blvd (summit of ridge) - Cahill Ridge
- San Mateo** **King's Mountain Rd** 4.7 mi from Woodside (e side of ridge) - Cahill Ridge
- San Mateo** Along **Skyline Blvd.** s Upper Crystal Springs Res. (2.8 mi n of jct. of King Mtn. Rd. opposite Farwell's Rhododendron Nursery) - Northern Santa Cruz Mtns.
- San Mateo** Along Skyline Highway between Kings Mt. Road and La Honda Road. Altitude about 2000 feet. Approx. at Lat. N. 37° 25', Long. 122° 18'W.
- San Mateo** **Kings Mountain Road**, 1.2 miles east of junction with State Highway 5, ca. 5 miles west of Woodside.
- San Mateo** 1 1/8 mi wnw **Sierra Moreno**
- San Mateo** Corner or **Skyline Blvd** and Sweat Rd. Very large specimen

## **A. rudis** Jeps. & Wiesel. SAND MESA MANZANITA

<b>San Luis Obispo</b>	<b>Pismo Dunes</b> Just below rim of crest, N-facing slope, vegetated sand ridge bordering southerly edge of Pismo Ck., eastward from 4th St. <b>Grover City.</b>
<b>San Luis Obispo</b>	Slope to SW of <b>Pismo Creek</b> ; near intersection of Hwy. 101 and 4th street; Arroyo Grande
<b>San Luis Obispo</b>	Head <b>Arroyo Grande</b> - Black Lake Canyon
<b>San Luis Obispo</b>	Along <b>Pomeroy Road</b> ca 0.3 mi n junction with Willow Road ( <b>Nipomo Mesa</b> ).
<b>San Luis Obispo</b>	<b>Los Berros</b> Sand Hills
<b>San Luis Obispo</b>	sand hills between Oceano and Los Burros
<b>San Luis Obispo</b>	c. 2 mi. south of Nipomo, near Nipomo Regional Park, Willow Road just west of Juniper Street junction
<b>San Luis Obispo</b>	Off of road 1/4 mi. from junction of Nipomo - <b>Guadalupe road</b> and from garbage dump.
<b>Santa Barbara</b>	Near <b>Santa Maria</b> - Mussel Rock dunes
<b>Santa Barbara</b>	<b>Casmalia Hills:</b> ca. 3/4 way up grade out of Corralitos Cyn on way to <b>Pt Sal</b>
<b>Santa Barbara</b>	Casmalia Hills: W side of Corralitos Cyn, <b>Pt Sal</b>
<b>Santa Barbara</b>	300 yds. north of <b>Pt. Sal Road</b> at a point about 0.8 miles <b>east of the summit</b>
<b>Santa Barbara</b>	Casmalia Hills: ca. 3/4 way up grade out of <b>Corralitos Cyn</b> on way to <b>Pt Sal</b>
<b>Santa Barbara</b>	Casmalia Hills Dense within rock outcrop peak just north of last saddle of west view of Coralillos Canyon above <b>Pt. Sal Road.</b>
<b>Santa Barbara</b>	<b>Point Sal Region</b> Like <i>A. rudis</i> , but twigs bristly. Stiffly dense, low-rounded shrubs, ca. 1-3 ft. high, and 4-8 ft. across. On rock outcrop at peak just NW of last saddle approaching first ridge summit. <b>Pt Sal Road.</b> Intermixed w/ <i>A. purissima</i> . Fruit larger, becoming brown-red.
<b>Santa Barbara</b>	<b>Burton Mesa:</b> SW of intersection of Hwy 1 and Lompoc-Casmalia Rd
<b>Santa Barbara</b>	On Hwy 1 at jct. with <b>Burton Mesa Rd</b> (just n of Hwy 246)
<b>Santa Barbara</b>	<b>La Purisima Mission State Historical Park:</b> 2 km NE of Lompoc City Limit; 475m east of Rucker Rd
<b>Santa Barbara</b>	Along the north side of <b>Graciosa Ridge</b> , SE of Orcutt, near the head of <b>Pine Canyon</b> old sand terraces.
<b>Santa Barbara</b>	Pine Canyon, N.W. of <b>Lompoc</b>
<b>Santa Barbara</b>	Purisima Hills, north of Lompoc, corner of <b>Harris Grade Rd.</b> and Burton Mesa Blvd.
<b>Santa Barbara</b>	Purisima Hills, northeast of Lompoc, off <b>Tulerosa Rd.</b> , 0.7 km north of Purisima Rd. (Hwy 246). (Keeley)
<b>Santa Barbara</b>	SE of Lompoc Terrace, 0.5 km W of upper Lompoc Cyn, 1.1 km E of Bear Crk;
<b>Santa Barbara</b>	<b>Vandenberg Air Force Base</b>
<b>Santa Barbara</b>	Burton Mesa: Mesa Rd near jct with <b>Manzanita Rd</b> , south <b>Vandenberg Air Force Base</b>

## **A. sensitiva** Jeps.

<b>Marin</b>	Zig-Zag trail above Blithedale - Mt. Tamalpais
<b>Marin</b>	Fire road, Tamarancho (Boy Scout Camp) near <b>San Anselmo</b>
<b>Marin</b>	Tamalpais on the old railroad grade near the intersection of Panoramic and the road to the firehouse.
<b>Marin</b>	West Point Trail Mount Tamalpais (rocky ridges)
<b>Marin</b>	3 mi from <b>Pt. Arena</b> (on road to Buckridge Ranch House)
<b>Marin</b>	<b>Muir Woods</b> , below road. Tamalpais
<b>Marin</b>	Southwest slope of Mt. Tamalpais, 4.7 miles north of State Highway 1 on Mt. Tamalpais State Park Road.
<b>Marin</b>	Two miles south of <b>East Peak</b> . Alt. 1100 feet.
<b>Marin</b>	<b>Bolinas Ridge</b> . Alt. 1700 ft. Tamalpais State Park
<b>Marin</b>	<b>Bolinas Ridge</b> - E. end near Alpine summit
<b>Marin</b>	Mt. Tamalpais St. Pk., <b>near Pk. Hdqtrs.</b> , off Panoramic Hwy. SE of West Point, between Spike Buck Ck. and Laguna Ck.
<b>Marin</b>	Mt. Tamalpais-Below parking lot on Sequoia Valley Road near turnoff to Eastman Camp, about 1 mile NW of Muir Woods Rd.
<b>San Mateo</b>	On dry hills between <b>Butano</b> Cr. and Little Butano Cr.
<b>San Mateo</b>	At end of <b>Butano Ridge</b> . Santa Cruz Mountain
<b>San Mateo</b>	By road S. W. of Crystal Spr Reservoir



<b>Santa Cruz</b>	<b>Bonny Doon</b> , Allvisi property, E of Martin Road
<b>Santa Cruz</b>	<b>Lockheed property</b> (explosive test area)
<b>Santa Cruz</b>	Ridge just west of <b>Mill Creek</b> dam, Lockheed
<b>Santa Cruz</b>	<b>Near Jamison Creek Road</b> and Big Basin - Boulder Creek Highway. Alt. about 850 ft.
<b>Santa Cruz</b>	Hills s. of <b>Mount Herman</b> .
<b>Santa Cruz</b>	East of Boulder Creek - Big Basin Road near forest swimming pool, 1.5 mi. north of Boulder Creek
<b>Santa Cruz</b>	On top of ridge between Scott and Mill Creek drainages. About 1.7 miles SW of <b>Eagle Rock</b> . Alt. about <b>1900 feet</b> .
<b>Santa Cruz</b>	Saratoga entrance to <b>Big Basin St Park</b> , Santa Cruz Mtns
<b>Santa Cruz</b>	About 3.5 miles south of jct of <b>Empire Grade</b> and Felton-Empire roads on Empire Grade; elev. <b>1200 ft</b>
<b>Santa Cruz</b>	Bonnie Doon near corner of <b>Ice Cream Grade</b> and <b>Pine Flat Road</b>
<b>Santa Cruz</b>	<b>Ice Cream Grade</b> , 7.6 mi fr, Hwy 1.
<b>Santa Cruz</b>	Near <b>Jamison Creek Road</b> and Big Basin-Boulder Creek highway
<b>Santa Cruz</b>	<b>Bracken Brae</b> , about 1.5 mi. nw. of Boulder Creek near Boulder Creek - Big Basin Highway.
<b>Santa Cruz</b>	About 1.5 mi. north of Chalks Lookout in nw. portion of Santa Cruz Co., between Henry and Whitehouse Creeks.
<b>Santa Cruz</b>	2900 <b>Smith Grade Rd</b> . Near sw. corner of felton quadrangle on ridge between Majors and Laguna Creeks.
<b>Monterey</b>	0.6 mi. W of jct. with US Hwy 101 along road from Castroville to Prunedale, alt. 150 ft.

## **A. silvicola** Jeps. & Wiesel. BONNY DOON MANZANITA

<b>Santa Cruz</b>	<b>Bonny Doon</b> Ecological Reserve, ca. 200m east-southeast of intersection of Martin Road and Alta Vista Drive. Bonny Doon.
<b>Santa Cruz</b>	About 2 mi e <b>Ben Lomond</b> (on rd to Zayante
<b>Santa Cruz</b>	Along <b>Graham Rd</b> 1.7 mi from Felton - Santa Cruz Mtns.
<b>Santa Cruz</b>	Ben Lomond sand-hills
<b>Santa Cruz</b>	About 2 1/2 miles SE of Felton between <b>Graham Hill Road</b> and <b>Mt. Hermon Road</b> . Lat. N. 37 02.5' Long. 122 02 W. Altitude about 700 feet.
<b>Santa Cruz</b>	<b>On Graham Hill Road</b> ; 2.1 miles north of junction with Sims Road; north of Santa Cruz
<b>Santa Cruz</b>	Near highest point on <b>Graham Hill Road</b> (0.8 mi se of Mt. Hermon)
<b>Santa Cruz</b>	<b>Bonny Doon</b> Ecological Reserve, ca. 200m east-southeast of intersection of <b>Martin Road</b> and Alta Vista Drive. Bonny Doon.
<b>Santa Cruz</b>	<b>Martin Grade</b> , .5 miles SE of Ice Cream Grade, Bonny Doon area
<b>Santa Cruz</b>	1 mile NE of <b>Scott Valley</b>
<b>Santa Cruz</b>	<b>Mt. Hermon</b> . alt. 400 ft. <b>Type Locality</b> .
<b>Santa Cruz</b>	Ridge between <b>Mill Creek</b> and <b>Scott Creek</b> . 2 mi. e. of Mt. Hermon

## **A. stanfordiana** subsp. **stanfordiana**

<b>Trinity</b>	In canyon of Butter Creek. Ca. 3 air miles SE of <b>Hyampom</b> , N of and ca. 600 feet above Butter Creek on spur ridge
<b>Trinity</b>	Near Jones Ridge, close to the town of <b>Alderpoint</b>
<b>Trinity</b>	Near <b>Kettenpom</b> .
<b>Humboldt</b>	6.8 mi. SW from Siskiyou-Humboldt Co. Line, Somesbar to <b>Orleans</b> . Alt. 500 ft.
<b>Humboldt</b>	W. side of Hwy. 101 1/4 mi. from <b>Garberville</b> along road toward Redway
<b>Humboldt</b>	Grays Falls Campground
<b>Mendocino</b>	<b>Red Mountain</b>
<b>Mendocino</b>	unnamed ridge w <b>Cloverdale</b> (between Hwy 101, Rt. 128, and Mt. House Rd.)
<b>Mendocino</b>	3 mi s <b>Covelo</b>
<b>Mendocino</b>	2 mi. south of <b>Laytonville</b> .
<b>Mendocino</b>	at Carl Purdy's, 8 mi out of <b>Ukiah</b>
<b>Mendocino</b>	<b>Orr Springs Rd</b> , ca 0.5 mi E of Orr Hot Springs Resort.
<b>Mendocino</b>	Northeast side of <b>Snow Mountain</b> , 5 miles southwest of <b>Hopland</b> .
<b>Mendocino</b>	Along Old Redwood Hwy. at Leggett, 0.5 mile s. of <b>Leggett</b>



<b>Mendocino</b>	Near Humboldt-Mendocino County Line, <b>South Fork of Eel River</b>
<b>Tehama</b> <b>Yolo</b>	Along Toomes Camp Rd. (23N01), 9 mi. W of <b>Paskenta</b> Manzanita area, south bank near 3 large Pinus and 1 valley oak in direct line with large cottonwood across the creek
<b>Lake</b> <b>Lake</b> <b>Lake</b> <b>Lake</b> <b>Lake</b> <b>Lake</b> <b>Lake</b> <b>Lake</b> <b>Lake</b> <b>Lake</b>	Halfway up grade on highway to Bartlett Springs (at n end of lake) - <b>Clear Lake</b> Upper Main Eel River Watershed. E of <b>Lake Pillsbury</b> & Sunset Campground on S edge of Rd. 1.4 mi. on Bell Hill Road from Hummel Lane, <b>Kelseyville</b> 5.7 mi w <b>Lake-Colusa Co.</b> line (between Stonyford and Upper Lake, to Bear Creek) - <b>Goat Mt.</b> S foot of mt. <b>Mt. Konocti</b> N.W. of <b>Blue Lakes</b> - to Ukiah Summit of road between Hopland and Lakeport - <b>Mayacama Range</b> S side of mt. inner North Coast Ranges, <b>Mt. Hull</b> <b>Snow Mountain</b> Bear Creek, Tributary to Rice FK of Eel River - at base of <b>Snow Mountain</b> <b>Bartlett Mountain Road</b> ; 3.8 miles east of Sawmill Flat
<b>Sonoma</b> <b>Sonoma</b>	<b>Spring Mountain Road</b> , about 8 miles east of Santa Rosa. Top of <b>Parker Hill</b> (N end of Parker Hill Rd.) ca. 3 mi. No. of Santa Rosa. Mt. Saint Helena, Napa Co.
<b>Sonoma</b> <b>Sonoma</b>	<b>Cavedale Rd.</b> , Hoods Peak Range. Ridge south of Hooker Canyon at a point directly opposite canyon from <b>Cavedale Road</b> ; 3.1 miles east of junction with State <b>Highway 12</b>
<b>Sonoma</b>	<b>King Ridge Rd.</b> (4.5 mi. n. of jct. with Ft. Ross Rd.) about .7 mi. in from King Ridge Rd. on Old Layton Mine Road. On topo map area is called " <b>The Cedars.</b> " North of Cazadero.
<b>Sonoma</b> <b>Sonoma</b>	W of <b>Healdsburg</b> (on Dorman Canyon Rd) - Dry Creek Watershed 1.2 miles from West Dry Creek Road on south side of Chamise Ridge Road across from spur road to the north. (west of <b>Geyserville</b> )
<b>Sonoma</b> <b>Sonoma</b> <b>Sonoma</b> <b>Sonoma</b> <b>Sonoma</b>	3.1 miles east of junction with State Highway 12. North of <b>Guerneville Road</b> and west of Frei Road. W of <b>Healdsburg</b> (on Dorman Canyon Rd) - Dry Creek Watershed 2 mi w <b>Graton</b> Tributary of Sulphur Creek, immediately after <b>Geysers Road</b> crosses creek. Adjacent to old homestead
<b>Sonoma</b>	Western base of <b>Mt. Hood</b> . From type region.
<b>Napa</b> <b>Napa</b> <b>Napa</b> <b>Napa</b> <b>Napa</b>	5 miles east of Napa on Wooden Valley Grade. Upper slopes of <b>Mount St. Helena</b> Near <b>Calistoga</b> SE of Mt. St. Helena; just N of Robert Louis Stevenson St. Pk, along <b>Hwy 29</b> . Arena Poorly drained rhyolitic ash flat on <b>Ink Grade</b> approx. 2 miles N of Angwin on <b>Howell Mtn</b> . Large colony in this site. Most shrubs about 2 meters tall.

## **A. stanfordiana** subsp. **decumbens** (P.V. Wells) P.V. Wells RINCON MANZANITA

<b>Sonoma</b> <b>Sonoma</b> <b>Sonoma</b>	<b>Rincon Ridge</b> , summit Just inside conservation easement at end of <b>Bluesage Court</b> - Southridge Development <b>King Ridge Rd.</b> (4.5 mi. n. of jct. with Ft. Ross Rd.) about .7 mi. in from King Ridge Rd. on Old Layton Mine Rd. On topo map area is called " Red Slide", north of Cazadero in Sonoma County (R. Raiche)
<b>Sonoma</b> <b>Sonoma</b> <b>Sonoma</b>	W of Healdsburg (on <b>Dorman Canyon Rd</b> ) - Dry Creek Watershed Unnamed ridge on w side Dry Creek Valley (n of Crane Creek and s of Bradford Mt.) (R. Raiche) <b>King Ridge Rd.</b> (4.5 mi. n. of jct. with Ft. Ross Rd.) about .7 mi. in from King Ridge Rd. on <b>Old Layton Mine Rd.</b> On topo map area is called " <b>Red Slide</b> ", north of Cazadero in Sonoma County
<b>Napa</b>	<b>Oakville Ranch</b> , ca. 6 miles northwest from <b>Yountville</b> . On Hwy. 29 take "Oakville grade" road, 3 miles north from Yountville

<b>Napa</b>	Northwest of the town of <b>Yountville</b> . Along <b>Oakville Grade Road</b> , ca. 6 miles west of the intersection with Hwy 29
<b>Napa</b>	Hills to the west of <b>Hwy. 29</b> . Private property accessed by Diamond Mountain Road. Canyon running east to west
<b>Napa</b>	On the border of Sonoma County. Private property at 4028 Spring Mountain Road. West of the town of <b>St. Helena</b>

## **A. stanfordiana** subsp. **raichei** W. Knight RAICHE'S MANZANITA

<b>Lake</b>	1 mi. E of the Mendocino Co line, Cow Mt. Area, <b>Mill Creek Road</b> (E of Ukiah). (This area is about 1 mi. SE of the <b>type locality</b> )
<b>Mendocino</b>	<b>Mill Creek</b> e Ukiah - Cow Mountain Recreation Area - Cow Mountain Recreation Area, Mill Creek Road
<b>Mendocino</b>	Mendocino/Lake Counties at county line, end of <b>Pine Mt. Rd.</b> 9.7 mi. from its beginning on the <b>Geysers Rd.</b>
<b>Mendocino</b>	<b>Orr Springs Rd.</b> , 1.7 mi short of grade summit w of Ukiah, ca 1600' elev. (R. Raiche)
<b>Mendocino</b>	3.4 miles up Old <b>Hopland-Yorkville Road</b> near Snow Mountain
<b>Mendocino</b>	<b>Red Mountain</b> , near Leggett. (R. Raiche)
<b>Mendocino</b>	Growing at fringe of Pond Meadow ne. of summit, <b>Red Mountain</b> North.
<b>Mendocino</b>	<b>Hwy 175</b> on east side of summit between Lakeport and Hopland.

## **A. tomentosa** subsp. **tomentosa**

<b>Santa Cruz</b>	Upper S-facing slope 0.4 mi NNW of VABM 522' <b>Watsonville Airport</b> (0.2 mi SE of cul-de-sac on East Bel Mar Ave.; 1 mi ENE of La Selvia Beach; ca. 2.5 mi WNW of) - Hills between Larkin Valley and CA Hwy. 1
<b>Santa Cruz</b>	3.6 mi. NE from <b>Big Basin State Park</b> Headquarters. (4.4 mi. west of jct. with state hwy 9.)
<b>Santa Cruz</b>	<b>Bonnie Doon Road</b> , 1.7 miles west of Pine Flat Road.
<b>Monterey</b>	<b>Ford Ord</b> Military Reservation.
<b>Monterey</b>	<b>Laguna Seca Ranch</b> Common on stabilized Pleistocene sand dunes, 3/4 mile N of Hwy 68 on Laguna Seca Ranch. Shrub to 10 ft. w/ burl, bark gray, shaggy.
<b>Monterey</b>	<b>Jack's Peak</b> County Park.
<b>Monterey</b>	<b>Huckleberry Hill</b>
<b>Monterey</b>	Near <b>Del Monte</b> . From <b>type locality</b> .
<b>Monterey</b>	<b>Carmel Highlands</b> at head of Wild Cat Creek. Alt. 900 ft.
<b>Monterey</b>	State <b>Hwy. 1</b> , Watsonville to Santa Cruz, se. from Rio del Mar. Alt. 500 ft.
<b>Monterey</b>	Along Pacific Grove-Carmel Hwy. 1.4 mi w of jct. with Hwy. 1 Elev. 500 ft.
<b>Monterey</b>	Two miles east of Carmel Valley Village. Above Carmel Valley Road along Carmel River near Klondyke Canyon.
<b>Monterey</b>	South Coast Ranges Old Coast Rd. approx. 200 meters <b>E of Bixby Creek Bridge</b> . Steep, S-facing slope
<b>Monterey</b>	Point Lobos state Reserve - E of Highway 1 <b>Gibson Canyon</b> Pt Lobos addition
<b>Monterey</b>	South Coast Ranges Old Coast Rd. approx. 200 meters <b>E of Bixby Creek Bridge</b> . Steep, S-facing slope
<b>Monterey</b>	Above <b>Point Gorda</b> , north slope.
<b>San Luis Obispo</b>	<b>Price Canyon</b> , on north facing sandstone slope.
<b>San Luis Obispo</b>	Between Los Osos and sand dunes west of the end of <b>Howard St.</b>
<b>San Luis Obispo</b>	<b>Arroyo de la Cruz</b> Small, rounded shrub, branches thickly thickly spreading to ascending, hugging ground, ca. 2 ft x 3 ft, on SE ridge below Cinnabar BM. below rd., rather lush. Shrub, 7 ft. bark shaggy, +/- red. Probably w/burl, but not above surface.

## **A. tomentosa** subsp. **bracteosa** (DC.) J.E. Adams

<b>Monterey</b>	South Boundary Road, <b>Fort Ord</b>
<b>Monterey</b>	Near <b>Monterey Peninsula Airport</b> ; off Hwy 68, c. 1 mi east of Hwy 1 (Pacific Coast Hwy).
<b>Monterey</b>	Adjacent to county airport; this shrub within a few feet of type plant of <b>A. montereyensis</b> (James Roof)
<b>Monterey</b>	Back of <b>Cypress Point</b> (Seventeen Mile Drive) - Pine Barrens
<b>Monterey</b>	17 mile Drive 1.5 mi inland <b>Pt. Joe</b> - Monterey
<b>Monterey</b>	<b>Jacks Peak</b> - Between Entry gate and Kiosk - Monterey Peninsula
<b>Monterey</b>	<b>Jacks Peak</b> Regional Park, alt 400ft, above gate in <b>solid population</b> of thousands of this subspecies inturded occasionally
<b>Monterey</b>	<b>Huckleberry Hill</b>
<b>Monterey</b>	<b>Monterey Pen Airport</b> - S side of runway W side of airport fence
<b>Monterey</b>	Along Garden Rd - <b>Monterey Pen Airport</b>
<b>Monterey</b>	Hills above the <b>Presidio</b> (Alice Eastwood)
<b>Monterey</b>	<b>San Clemente Dam</b> - Open field near dam with scattered oaks
<b>Monterey</b>	Calera Canyon Hatton Ranch - About 1500 ft el in canyon - <b>Sierra de Salinas</b>
<b>Monterey</b>	<b>Pacific Grove Washington Park</b> - Plants growing in park
<b>Monterey</b>	Along trail from Boucher's gap to <b>Ventana Double Cone</b> . (1962)
<b>Monterey</b>	North fork of Big Sur near <b>Cienega Cr.</b> Santa Lucia Mts. (1920)
<b>Monterey</b>	from Los <b>Burros Mine</b> to Gorda (1927)
<b>Monterey</b>	<b>Tassajara Road</b> , Santa Lucia Mts. on grade south of Jamesburg (1901)

## **A. tomentosa** subsp. **daciticola** P.V. Wells

<b>San Luis Obispo</b>	<b>Irish Hills</b> Large colonies on open Monterey shale on N slope of Buchon Ridge at S end of Montana de Oro State park. Burl present, bark shreddy, reddish brown. Mostly associated with and in understory of <i>Pinus muricata</i> . Plants gen short, less than 4 ft., to 5 ft. wide or more with large burls.
<b>San Luis Obispo</b>	San Luis Range Hibbard Nature Preserve. Common with <b>A. pechoensis</b> at overlook, 1.8 mi in from gate. Chaprral-oak woodland mix. These shrubs mostly 3-5 ft. and more across with well-developed burl. This only specimen flwg and these few, often soft-lavender-rose to white.
<b>San Luis Obispo</b>	Lower N slope of <b>Hollister Peak</b>
<b>San Luis Obispo</b>	Flood Ranch at end of Canet Road on west flank of <b>Hollister Peak</b>
<b>San Luis Obispo</b>	West of <b>Hollister Peak</b> , near quarry, growing with <i>A. osoensis</i>

## **A. tomentosa** subsp. **hebeclada** (DC.) V.T. Parker et al.

<b>Monterey</b>	<b>Del Monte Forest</b> (foma hebeclada) - <b>Poppy Hills Golf Course</b> near below Sunridge
<b>Monterey</b>	North side of <b>Jack's Peak</b> growing in mixed stands with <i>subsp. bracteosa</i>
<b>Monterey</b>	By side of garden road near <b>Monterey Airport</b> .
<b>Monterey</b>	1 1/2 miles southeast of Laguna Del Rey (1936)
<b>Monterey</b>	In <b>Washington Park</b> , Pacific Grove.
<b>Monterey</b>	Seed collected 0.6 mi. s. of China Camp on road to <b>Tassajara Hot Springs</b> . (Walter Knight 1981)

## **A. uva-ursi** subspecies **uva-ursi**

### **Subspecies uva-ursi - forma coactilis** (Fern. and Macbr.) Love, Love and Kapoor

<b>Del Norte</b>	Sandhills near Old Mill (s of Lake Earl) - Cadra Ranch
<b>Del Norte</b>	On Hamilton Ranch across river from Requa. (1921)

<b>Del Norte</b>	Near <b>Crescent City</b> . (Alice Eastwood)
<b>Del Norte</b>	<b>Fort Dick</b> city dump, sand hill.
<b>Del Norte</b>	Coastal sand dunes N of <b>Lake Earl</b> , w. end of <b>Kellogg Rd.</b> , 2 Rd. Mi. W. of Ft. Dick.
<b>Del Norte</b>	<b>Sasquet Mountain</b> , near Adams (Alice Eastwood)
<b>Humboldt</b>	<b>Patrick's Point</b> State Park.
<b>Humboldt</b>	<b>Big Lagoon</b>
<b>Humboldt</b>	<b>Elk Head</b> north of Trinidad.
<b>Humboldt</b>	<b>Trinidad</b> Head
<b>Humboldt</b>	1.7 miles S. of <b>Samoa</b> , on the Humboldt Peninsula.
<b>Humboldt</b>	End of <b>Murray Rd.</b> in <b>McKinleyville</b> .
<b>Humboldt</b>	North Coast Lanphere's Preserve, west of <b>Arcata</b>
<b>Humboldt</b>	Eureka Harbor, Loleta, 10 mi S of Eureka
<b>Humboldt</b>	1.7 mi S of Samoa, on Humboldt Peninsula
<b>Humboldt</b>	N Spit of Humboldt Bay, on the W side of <b>Samoa Road</b> ca. 1/4 mi. NW of the boat ramp
<b>Humboldt</b>	Table Bluff Hill, Redwood Highway approximately 1 mi. n. of <b>Loleta</b> .
<b>Mendocino</b>	Ft. Bragg- Belinda Point
<b>Mendocino</b>	2 mi. E of <b>Casper</b> ( <i>A. nummularia</i> ssp. <i>mendocinoensis</i> )?
<b>Mendocino</b>	<b>Haven's Neck</b> , growing with <i>A. nummularia</i> , and hybrids <i>A. x media</i>
<b>Mendocino</b>	W. side of Highway #1 just n. of <b>Havens Neck</b> , 1.5 mi. n. of <b>Anchor Bay</b> .
<b>Mendocino</b>	Gualala
<b>Mendocino</b>	Anchor Bay to Gualala
<b>Mendocino</b>	2 mi. n. of <b>Gualala</b> along State Route #1.
<b>Mendocino</b>	6 mi s Pt. Arena (coastal bluff)
<b>Mendocino</b>	0.2 mi S of <b>Gibney Lane</b> and 4 mi SE of Mendocino
<b>Sonoma</b>	1 mi s <b>McNamees Store</b>
<b>Sonoma</b>	<b>Horseshoe Point</b> , near <b>Kruse Rhododendron State Reserve</b> . (R. Raiche)
<b>Sonoma</b>	Sonoma Co.: On a terrace overlooking creek inlet at Stump Beach, <b>Salt Point State Park</b>
<b>Marin</b>	<b>Inverness Ridge</b> west of Inverness
<b>Marin</b>	West of Ledum Swamp, <b>Pt. Reyes</b>
<b>Marin</b>	About 165 paces due s gate at south end of upper parking lot (on small rise) - <b>Mt. Vision</b>
<b>Marin</b>	Near summit of road from Inverness to Point Reyes Light
<b>Marin</b>	<b>Bull Point</b> - Pt. Reyes
<b>Marin</b>	Granite knoll overlooking Tomales Bay State Park (on back road 0.3 mi n of its intersection with <b>Pierce Point Rd</b> and e of small granite <b>quarry</b> in back)
<b>San Mateo</b>	San Bruno Mt. NE of TV tower & Pacific Rock
<b>San Mateo</b>	San Bruno Mt at Pacific Rock
<b>Monterey</b>	Just north of <b>Garrapata Creek</b> , west of State Highway 1
<b>Monterey</b>	Property of R.G. Mack on the north side of the mouth of <b>Garapata Ck.</b> along the coast, N of Nottleys Landing.
<b>Monterey</b>	<b>Garrapata Creek</b> and also from seastack at mouth of Garrapata Creek.
<b>Monterey</b>	Near ne. corner <b>Rocky Creek Bridge</b> (James Roof)
<b>Monterey</b>	Above <b>Sand Creek</b> , w. of Greenfield along highway G16. (Walter Knight, etc.)
<b>Monterey</b>	<b>Point Sur Lighthouse</b> , west side of sea-stack
<b>Monterey</b>	<b>S sea-stack</b> at mouth of Sycamore Creek; <b>Pfeiffer Beach</b> , probably farthest S location in Calif. along coast
<b>Monterey</b>	Above <b>Pfeiffer Beach</b> , 1/4 mi. n. of Sycamore Creek, Pfeiffer-Big Sur State Park. (James Roof)

### **Subspecies uva-ursi – forma leobreweri** SAN BRUNO BEARBERRY

<b>San Mateo</b>	Just below rocky spur due north of true summit of mountain (directly below and ne of KQED radio power station) - San Bruno Mt.
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### **Subspecies uva-ursi – forma suborbiculata** (Knight) Wells **MINIATURE BEARBERRY**

<b>San Mateo</b>	San Bruno Mountain, <b>Kamchatka Point</b>
<b>San Mateo</b>	Near rocky outcrop at <b>Kamchatka Point</b> , San Bruno Mountain.

## Subspecies *uva-ursi* – forma *marinensis* (Roof) Wells

**Marin** Near **lighthouse** at tip of Pt. Reyes and next to Park dormitory, just before lighthouse

## Subspecies *uva-ursi* – f. *adenotricha* (Fern. and Macbr.) Wells **ROCKY MT BEARBERRY**

**Mono** N base **Bloody Mountain** above **Laurel Lakes**; at mining prospects at end of trail in  
**Mono** S shore Convict Lake ( x patula) (J. Keeley)  
**Mono** 8,800 ft. along Convict Creek on way up to Mildred Lake ( x patula)  
**Mono** Locally common at **Mildred Lake**. 9,800 ft. Convict Creek Basin, Sierra Nevada.  
**Mono** E side of **Lake Mildred flat**, Convict Crk Basin  
**Mono** In meadows south of **Lake Mildred**. Convict Creek Basin  
**Mono** **Genevieve Lake**, eastern shore near outlet and along creek descending to Convict Creek.  
**Mono** On way up to **Bright Dot Lake** south of Mildred Lake 10,500 ft.

## Subspecies *uva-ursi* - forma *uva-ursi* (L.) Spreng.

## Subspecies *uva-ursi* - forma *longipilosa* (Pack. and Denf.) Wells

## Subspecies *uva-ursi* – forma *stipitata* ( Pack. and Denf.) Wells

**x repens** T. J. Howell

**x media** Green

**x coloradensis** Rollins

## *uva-ursi* f. *coactilis* x *montaraensis*

**San Mateo** San Bruno Mt at **Pacific Rock**

## *uva-ursi* f. *coactilis* x *imbricata*

**San Mateo** **San Bruno Mt** 20 feet below left side of trail, just after split and before reaching hybrid oak.

## *uva-ursi* f. *coactilis* x *nummularia* subsp. *mendocinoensis*

**Mendocino** **Haven's Neck**  
**Mendocino** By gate to Point Arena Light House

## Subspecies *cratericola* (J.D. Smith) Wells **GUATEMALAN BEARBERRY**

**Volcan Zunil**, Dept. Quezaltenango, (3,500 M) Guatemala  
**Volcan de Agua**, Dept. Zacatepequez, (3,700 M) Guatemala  
**Cuchumatanes massif** (3,800 M). Guatemala

## **A. virgata** Eastw. **MARIN MANZANITA**

**Marin** **Mt. Tamalpais**, Camp Alice Eastwood 400 yds from parking lot near water tank.  
**Marin** **Muir Woods** entrance Mt. Tamalpais  
**Marin** Just east of Bootjack Camp, south slope of **Mt. Tamalpais**.  
**Marin** 2 mi from Inverness (on Pt. Reyes Road)  
**Marin** **Inverness Ridge**, 3/4 mi n of junction of Tomales and Point Reyes Roads Inverness Ridge  
**Marin** Near **summit** of road from Inverness to Point Reyes Light  
**Marin** Near Shell Beach - Tomales Bay  
**Marin** **San Geronimo Ridge**

<b>Marin</b>	6 mi NW of Point Reyes Station, on <b>Sir Frances Drake Highway</b>
<b>Marin</b>	Canyon above <b>Tomales Bay</b> nw. of Inverness
<b>Marin</b>	Point Reyes National Seashore. Ridge Trail at <b>Pablo Pt.</b>
<b>Marin</b>	Point Reyes National Seashore. <b>Crystal Lake trail</b> , 0.3 mi from jct with Lake Ranch trail, west side of trail.
<b>Marin</b>	Point Reyes Bird Observatory 3 mi. NW of Bolinas at <b>Arroyo Honda</b> , east slope of Arroyo Honda Canyon.
<b>Marin</b>	Drake Highway, 2.5 km south of turnoff to Mt. Vision, Tomales Bay.
<b>Marin</b>	Tomales Bay State Park picnic area, off Drake Highway, Point Reyes.

## **A. viridissima** (Eastw.) McMinn WHITE-HAIRED MANZANITA

All collections from **Santa Cruz Island**

<b>Santa Barbara</b>	S side of S fork of <b>Smugglers' Canyon</b> , S of Peak 511. Elevation: 550
<b>Santa Barbara</b>	Hills immediately W of <b>Scorpion Anchorage</b> at E end of island. Steep N facing slopes. Shrubs to 10 feet tall x 15 ft. wide, no burl, bark smooth, deep orange. Very common, many shrubs dead on steeper slopes where erosion from overgrazing is severe. Uncommon lower in canyons.
<b>Santa Barbara</b>	East slope of canyon back of <b>Scorpion Harbor</b>
<b>Santa Barbara</b>	Isthmus, above <b>China Harbor</b> (Chinese Harbor), in the pine forest
<b>Santa Barbara</b>	S side of S fork of Smugglers' Canyon, S of Peak 511. Elevation: 550 feet.
<b>Santa Barbara</b>	4.2 mi E of Prisoners' Harbor on <b>Navy Rd</b>
<b>Santa Barbara</b>	E end of <b>Central Valley</b> on small knoll S of dump at E end of Stanton Ranch airfield
<b>Santa Barbara</b>	0.5 mi ESE of <b>Mt. Pleasant</b>
<b>Santa Barbara</b>	Head of <b>Aguaje Cyn</b> , W of Yellowbanks Anchorage
<b>Santa Barbara</b>	<b>Pinos de la Calera</b> above China Harbor (Chinese Harbor), 3.9 km (by road) NE of Mt Pleasant, 10.6 km E of UC Field Station
<b>Santa Barbara</b>	W hill back of <b>Pelican Bay</b> - Santa Cruz Island
<b>Santa Barbara</b>	3.7 miles east of <b>Prisoner's Harbor</b> on Navy Road.
<b>Santa Barbara</b>	Chaparral on main ridge 6.7 miles east of <b>Stanton Ranch</b> .
<b>Santa Barbara</b>	Near <b>Ironwood Grove</b> , 0.5 mi east of Peak #1387, south of Ridge Road to Los Pinos del Sur

## **A. viscida** subsp. **viscida** WHITE LEAF MANZANITA

### NORTHWESTERN CALIFORNIA

<b>Del Norte</b>	State Line n Monumental (at head of creek on California side) - Shelley Creek
<b>Siskiyou</b>	6.1 mi. sw. from Red Bank F.S. Camp on road from <b>Sawyers Bar</b> to Somesbar. Alt. 1600 ft.
<b>Siskiyou</b>	<b>Klamath River</b> . 5 miles below Hornbrook
<b>Siskiyou</b>	Indian Crk near jade mine, vicinity of <b>Happy Camp</b>
<b>Shasta</b>	Head of Sacramento Valley. 4.5 mi. N. of <b>Redding</b> on U.S. #99 Highway & 2 mi. E. on Roadside. Alt. 700 ft.
<b>Shasta</b>	Cottonwood

### NORTH COAST RANGE

<b>Shasta</b>	Clear Creek Rd <b>Weaverville</b>
<b>Humboldt</b>	<b>Bald Hills Road</b> , eastern end of Redwood National Park, 223 km W of Hwy 96, N of Eureka. (Keeley)
<b>Trinity</b>	Lowden Ranch, 3 mi. so. of Lewiston. Alt. 1600 ft.
<b>Mendocino</b>	1 mile up Old <b>Hopland-Yorkville Rd.</b> from Feliz Cr. Rd. (Walter Knight, ETC.)
<b>Colusa</b>	<b>Walker Ridge Rd.</b> , 0.9 mile NE of junction with Indian Valley Access Rd., adjacent to Freshwater Branch Creek. (Serpentine area - may be <i>ssp. pulchella</i> )
<b>Sonoma</b>	Red Hill on Pine Flat Road (Walter Knight, ETC.)
<b>Sonoma</b>	Headwaters of creek North Coast Ranges, Main Austin Creek, Layton Mine



## CASCADE-SIERRA'S

<b>Butte</b>	N side of spur rd ¼ mi W of its jct with Ponderosa Way (Rim Rd, rd to Flea Valley) ca. 5 mi N of its jct with Hwy 70 at Jarbo Gap
<b>Plumas</b>	Between bridge over north fork of Feather River near <b>Pulga</b> and Jarboe Gap
<b>Yuba</b>	<b>Camptonville</b>
<b>Nevada</b>	Place called Hells Half Acre. West of <b>Grass Valley</b> , just south of Hwy. 20 toward Rough and Ready, north of a community called The Oaks. Entrance off Adam Road. Near
<b>Nevada</b>	San Juan Ridge <b>Malakoff</b> Tail Mine Dredgings. Along Tyler Foote Crossing Rd, ?1 mi W of North Columbia. Dominant here next to murky turquoise blue pond on gravelly soil. Bark smooth, red, no burl.
<b>Placer</b> <b>Placer</b>	Near <b>Alta</b> Hughes Mill (site) above <b>Foresthill</b> . Serpentine slopes with open forest of Pinus jeffreyi. Shrub on open slopes. Common. Bark smooth, burl absent.
<b>El Dorado</b>	junction of Bonetti Road and Mormon Emigrant Trail, 3.6 miles east of <b>Sly Park</b> Road at Jenkinson Lake
<b>Calaveras</b>	junction of Fricot City Road and San Antone Camp Road, beside Antonio Creek
<b>Tuolumne</b>	Hodgdon Meadow Campground, west entrance of <b>Yosemite National Park</b> (Keeley)
<b>Mariposa</b>	Greeley Hill Road (J20), ca. 5 km northeast of Coulterville. (Keeley)
<b>Tulare</b> <b>Tulare</b>	Near Bear Creek: on County Road 220, (Bear Creek Road), NE of <b>Porterville</b> toward Balch Park. On road below <b>Mineral King</b> .
<b>Kern</b> <b>Kern</b> <b>Kern</b>	Breckenridge Mounain Road, 10 km west of <b>Caliente-Bodfish Road</b> <b>Greenhorn Range</b> - 2.3 mi. from Alta Sierra, along old road from Alta Sierra to Wofford Heights. NW end of Quail Valley, off San canyon Rd., NE of Tehachipi, southern Sierra Nevada. (Keeley)

## **A. viscida subsp. pulchella** (Howell) P.V. Wells COAST WHITE LEAF MANZANITA

<b>Del Norte</b>	Northwestern; Klamath Ranges region <b>Gasquet</b> (Alice Eastweeod)
<b>Trinity</b>	Wildwood-Forest Glenn. Open Pinus jeffreyi forests on serpentinized ultramafic rocks (andesites): Aspidoto densae-Pinetum jeffreyi Rivas-Martinez & Sanchez-Mata 1997
<b>Tehama</b> <b>Tehama</b>	Round Valley Rd.(M4) 5.8 mi W of Newville Rd., W of Salt Creek Conservation Camp Forest road M2 7.2 miles W of <b>Paskenta</b>
<b>Mendocino</b> <b>Mendocino</b>	7 mi w <b>Hopland</b> <b>Red Mountain</b> East <b>Ukiah</b>
<b>Lake</b> <b>Lake</b> <b>Lake</b> <b>Lake</b> <b>Lake</b> <b>Lake</b>	Along <b>Hwy 29</b> and creek just n Napa County line - St. Helena Creek 6.2 mi se Hough Springs (on road from Lucerne to Williams) Near Napa County line (on road from Knoxville to Lower Lake) <b>Snow Mountain</b> 10 mi s <b>Lower Lake</b> <b>Walker Ridge Rd.</b> 0.9 mi. N of intersection with Walker Ridge Rd. on Indian Reservoir Rd., 57 mi. E of Hwy. 101 on Hwy. 20
<b>Napa</b> <b>Napa</b> <b>Napa</b> <b>Napa</b>	1 mi nw Knoxville (Lake-Napa Co. line) Upper slopes of <b>Mount St. Helena</b> Ridge top north of Cedar Creek, along road from Devilhead Road 5 mi e Angwin's (on hills at head of Moore's Creek) - <b>Howell Mountain</b>

<b>Colusa</b>	Colusa County: BLM Payne Ranch. Destinella Flat area, just E of the Lake County border, ca. 3.4 road miles along Hwy 20 from the junction of Hwy 16 and Hwy 20. South side of Hwy 20
<b>Colusa</b>	Spring near head of Doyle Canyon on east side of <b>Walker Ridge</b> , about 2.7 km (air) south of <b>Bartlett Springs Road</b>
<b>Colusa</b>	S side Little Stony Creek (in section on e side of Frenzel Creek, s of Stonyford) - Frenzel Creek Research Natural Area
<b>Colusa</b>	Payne Ranch. Along <b>Hwy. 20</b> , just E of Lake Co. border. Ca. 3 road miles west of juncture with Hwy. 16, ca. 0.4 road mile east of Destanella Flat. South side of road
<b>Glenn</b>	Top of <b>Red Mountain</b>
<b>Sonoma</b>	First (unnamed) tributary of Sulphur Creek, immediately after <b>Geysers Road</b> crosses creek. Adjacent to old homestead Common shrub on open, low cover SW facing serpentine hillside. Mixed only w/ <i>Ceanothus jepsonii</i> . No burl, bark smooth.
<b>Sonoma</b>	Near <b>Guerneville</b> , headwaters of Gilliam Creek.

## **A. viscida subsp. mariposa** (Dudley) P.V. Wells MARIPOSA MANZANITA

<b>El Dorado</b>	Between N and Middle forks of Cosumnes River; Junction of Sand Ridge Road and Cutaway Lane, 2.1 mi SW of <b>Somerset</b>
<b>El Dorado</b>	S. side of <b>Peavine Ridge</b> , White Meadows Rd., 6.1 km N of Icehouse Rd., E of Placerville. (Keeley)
<b>El Dorado</b>	Forni Road between Ca. <b>Highway 50</b> and Diamond Springs at Weber Creek (Placerville 7.5' Q Near 38deg.42'50"N., 120deg.19'42"W). Alt. 488 m.
<b>El Dorado</b>	Green Valley Rd. between <b>Placerville</b> and Rescue.
<b>Amador</b> <b>Amador</b> <b>Amador</b>	Near schoolhouse - <b>Pine Grove</b> State Highway 88, 2 miles west of <b>Jackson</b> , Off HWY 88, 3 miles SW of <b>Pine Grove</b> Cemetary, at 15365 Fawn Court, off Buckhorn Rd.; conifer forest, with Pinus and Calocedrus, N facing slope w/ dry soil, partial sun; common tree-like shrub, ht. 3.5 m, fls white to light pink
<b>Calaveras</b> <b>Calaveras</b> <b>Calaveras</b>	Road out of Murphy's (n); on road from <b>Murphy's to Big Tree</b> w <b>Calaveras Big Trees</b> <b>Angels Camp</b> (Alice Eastwood)
<b>Mariposa</b> <b>Mariposa</b>	Yosemite National Park, beginning of <b>Yosemite Falls Trail</b> Coulterville-Bagby Recreation Area near Merced River. <b>California juniper</b> chaparral-woodland growing in massive ultramafic outcrops
<b>Mariposa</b> <b>Mariposa</b> <b>Mariposa</b> <b>Tuolumne</b> <b>Tuolumne</b>	<b>Tunnel Rd.</b> , 3.8 km south of Tioga Rd., Yosemite National Park <b>El Portal Road</b> , Highway 140, 4 km east of Big Pines. 2 mi se Kinsley Guard Station (Soil Vegetation Project Region 5) - Stanislaus National Forest 4 miles from Long Born on road to <b>Sonora</b> (Alice Eastwood) <b>Pine Mountain Lake</b> ; 1 mile from Groveland, off Hwy 120; elev., 2600 ft
<b>Madera</b>	<b>Bass Lake Road</b> , 2.2 mi SE of its junction with Calif. Hwy 41
<b>Tulare</b> <b>Tulare</b>	Below Black Mtn Grove, So. of Rogers Camp. 1 mi. above P.G.E. Powerhouse on rd. to Camp Nelson e. of Springville, <b>Sequoia National Forest</b> .
<b>Fresno</b> <b>Fresno</b>	67 km E of Fresno (FSC), 11 km SE of Balch Camp, Sequoia National Forest, S side of the Kings River Tehipite Valley, Middle Fork of the <b>Kings River</b>
<b>Kern</b>	Along Piute Mt. Lookout road 2.4 mi from junction with Havilah-Bodfish road