

SPECIES NAME COMMON NAME	FEDERAL, STATE, CRPR RANK ¹	HABITAT PREFERENCES, DISTRIBUTION INFORMATION, & ADDITIONAL NOTES*	FLOWERING PHENOLOGY/ LIFE FORM	HABITAT SUITABILITY & LOCAL DISTRIBUTION	POTENTIAL FOR OCCURRENCE
FEDERAL/STATE ENDANGERED OR THREATENED AND CALIFORNIA RARE PLANT RANK SPECIES					
<i>Alopecurus aequalis</i> var. <i>sonomensis</i> Sonoma alopecurus	Fed: FE CA: None CEQA: 1B.1	Occurs in freshwater marshes and swamps and riparian scrub at elevations between 5 and 365 meters. Known from MRN and SON counties. Two occurrences introduced in 1987, although both appear to have failed as of 1993. Historical localities need surveys.	May-July perennial herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest CNNDDB occurrence (EONDX # 21922) is a specific record located at Ledson Marsh in Trione-Annadel State Park approximately 5.3 miles northwest of the treatment areas. However, the identification of <i>Alopecurus</i> plants at this site has been questioned and genetic testing is needed.	Possible
<i>Astragalus claranus</i> Clara Hunt's milk-vetch	Fed: FE CA: ST CEQA: 1B.1	Occurs on clay, rocky, serpentine (sometimes), and volcanic (sometimes) soils in chaparral (openings), cismontane woodland, and valley and foothill grassland at elevations between 75 and 275 meters. Known from NAP and SON counties.	March-May annual herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest CNNDDB occurrence (EONDX # 6732) is a specific record located just south of St. Helena approximately 6.7 miles north of the treatment areas. The type locality for this taxon is likely from this population.	Possible
<i>Blennosperma bakeri</i> Sonoma sunshine	Fed: FE CA: SE CEQA: 1B.1	Occurs in mesic valley and foothill grassland and vernal pools at elevations between 10 and 110 meters. Known from MEN and SON counties.	March-May annual herb	Suitable vegetation associations and elevations are present within the treatment areas. CNDDDB occurrence (EONDX # 90739) is a specific record which occurs in the western end of the treatment areas. This occurrence is introduced, using seed from another occurrence (EONDX # 5300) across the highway at Sonoma Valley Regional Park. Plants have been observed at the introduced occurrence as recently as 2017.	Present

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<i>Eryngium constancei</i> Loch Lomond button- celery	Fed: FE CA: SE CEQA: 1B.1	Occurs in vernal pools at elevations between 460 and 855 meters. Known from only three occurrences in LAK and SON counties.	April-June annual/perennial herb	Although suitable vegetation associations and elevations are present, the treatment areas is below the elevational distribution for this taxon. The nearest CNNDDB occurrence (EONDX # 30021) is a specific record from Diamond Mountain, south of Calistoga approximately 11.8 miles north of the treatment areas.	Not Expected
<i>Lasthenia burkei</i> Burke's goldfields	Fed: FE CA: SE CEQA: 1B.1	Occurs in mesic meadows and seeps and vernal pools at elevations between 15 and 600 meters. Known from LAK, MEN, NAP, and SON counties.	April-June annual herb	Although suitable vegetation associations and elevations are present, the treatment areas is outside of the known distribution of this species. This species is locally known only from the Laguna de Santa Rosa. treatment areas The nearest CNNDDB occurrence (EONDX # 95934) is a non-specific record from the Horn Avenue Mitigation Bank at the southeast edge of the City of Santa Rosa, approximately 9.9 miles west of the treatment areas.	Not Expected
<i>Lasthenia conjugens</i> Contra Costa goldfields	Fed: FE CA: SE CEQA: 1B.1	Occurs in cismontane woodland, alkaline playas, valley and foothill grassland, and vernal pools at elevations between 0 and 470 meters. Known from ALA, CCA, MEN, MNT, MRN, NAP, SBA, SCL, SOL, and SON counties.	March-June annual herb	Although suitable vegetation associations are present, the treatment areas is outside of the known distribution of this species. The nearest CNNDDB occurrence (EONDX # 16732) is a non-specific extirpated record from north of Napa approximately 9.9 miles east of the treatment areas.	Not Expected

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<i>Limnanthes vinculans</i> Sebastopol meadowfoam	Fed: FE CA: ST CEQA: 1B.1	Occurs in meadows and seeps, valley and foothill grassland, and vernal pools at elevations between 15 and 305 meters. Known from NAP and SON counties. May be introduced in NAP county.	April-May annual herb	Although suitable vegetation associations are present, the treatment areas is outside of the known distribution of this species. This species is locally known only from the Laguna de Santa Rosa. The nearest CNNDDB occurrence (EONDX # 95944) is a non-specific record from the Horn Avenue Mitigation Bank at the southeast edge of the City of Santa Rosa, approximately 9.9 miles west of the treatment areas.	Not Expected
<i>Navarretia leucocephala</i> subsp. <i>pauciflora</i> few-flowered navarretia	Fed: FE CA: ST CEQA: 1B.1	Occurs in volcanic ash in vernal pools at elevations between 400 and 855 meters. Intergrades rarely with subsp. <i>plieantha</i> . Known from less than ten occurrences in LAK and NAP counties.	May-June annual herb	Although suitable vegetation associations are present the treatment areas is outside of the known distribution of this species. The nearest CNNDDB occurrence (EONDX # 5023) is a specific record from Atlas Peak Road approximately 11.9 miles east of the treatment areas.	Not Expected
<i>Plagiobothrys strictus</i> Calistoga popcornflower	Fed: FE CA: ST CEQA: 1B.1	Occurs in alkaline areas and thermal springs in meadows and seeps, valley and foothill grassland, and vernal pools at elevations between 90 and 160 meters. Known from two extant occurrences in NAP county.	March-June annual herb	Although suitable vegetation associations are present within the treatment areas, it lacks the preferred alkaline and thermal spring microhabitats and has never been recorded in SON county. The nearest CNNDDB occurrences (EONDX # 24326, 24349, and 18181) are non-specific records from the Calistoga quad approximately 12 miles north of the treatment areas.	Not Expected
<i>Pleuropogon hooverianus</i> North Coast semaphore grass	Fed: None CA: ST CEQA: 1B.1	Occurs in openings and mesic substrates within broadleaved upland forest, meadows and seeps, and North Coast coniferous forest at elevations between 10 and 671 meters. Known from MRN, SON, MEN, and HUM counties.	April-June perennial rhizomatous herb	While there are no CNDDDB occurrences of the species within the vicinity of the treatment areas, suitable vegetation associations and elevations are present within the treatment areas and the species may occur within the treatment areas.	Possible

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<i>Poa napensis</i> Napa blue grass	Fed: FE CA: SE CEQA: 1B.1	Occurs in alkaline meadows and seeps and valley and foothill grassland near thermal springs at elevations between 100 and 200 meters. Known from two occurrences in NAP county.	May-August perennial herb	Although suitable vegetation associations are present within the treatment areas, it lacks the preferred alkaline and thermal spring microhabitats and has never been recorded in SON county. The nearest CNDDDB occurrence (EONDX # 24350) is a specific record from the Calistoga airport approximately 14 miles north of the treatment areas.	Not Expected
<i>Sidalcea oregana</i> subsp. <i>valida</i> Kenwood Marsh checkerbloom	Fed: FE CA: SE CEQA: 1B.1	Occurs in freshwater marshes and swamps at elevations between 115 and 150 meters. Known from two occurrences in SON county.	June-September perennial rhizomatous herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest CNDDDB occurrence (EONDX # 4770) is a specific record from Kenwood Marsh approximately 3.2 miles northwest of the treatment areas.	Possible
<i>Trifolium amoenum</i> two-fork clover	Fed: FE CA: None CEQA: 1B.1	Occurs in coastal bluff scrub and valley and foothill grassland (sometimes on serpentine) at elevations between 5 and 415 meters. Known from MRN, NAP, SMT, SOL, and SON counties. Rediscovered in 1993.	April-June annual herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest CNDDDB occurrence (EONDX # 46524) is a non-specific record from around Kenwood approximately 3.7 miles northwest of the treatment areas.	Possible
CALIFORNIA RARE PLANT RANK SPECIES					
<i>Allium peninsulare</i> var. <i>franciscanum</i> Franciscan onion	Fed: None CA: None CEQA: 1B.2	Occurs on clay, serpentine (often), and volcanic soils in cismontane woodland, valley and foothill grassland at elevations between 52 and 305 meters. Known from MEN, NAP, SCL, SMT, and SON counties.	(April) May-June perennial bulbiferous herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest CNDDDB occurrence (EONDX # 45130) is a non-specific record from southwest Kenwood approximately 4.1 miles northwest of the treatment areas.	Possible

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<i>Amorpha californica</i> var. <i>napensis</i> Napa false indigo	Fed: None CA: None CEQA: 1B.2	Occurs in broadleaved upland forest openings, chaparral, and cismontane woodland at elevations between 50 and 2,000 meters. Known from LAK, MRN, NAP, and SON counties.	April-July perennial deciduous shrub	Suitable vegetation associations and elevations are present within the treatment areas. CNDDDB occurrence (EONDX # 123801) is a specific record mapped within the treatment areas. This species has been confirmed on site by ACR staff.treatment areastreatment areastreatment areas	Present
<i>Amsinckia lunaris</i> bent-flowered fiddleneck	Fed: None CA: None CEQA: 1B.2	Occurs in cismontane woodland, coastal bluff scrub, and valley and foothill grassland at elevations between 3 and 500 meters. Known from ALA, CCA, COL, LAK, MRN, NAP, SCL, SCR, SFO, SMT, SON, SUT, and YOL counties. May occur in SHA and SIS counties.	March-June annual herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest CNDDDB occurrence (EONDX # 109744) is a non-specific record from near Rutherford approximately 8.4 miles north of the treatment areas.	Possible
<i>Antirrhinum virga</i> twig-like snapdragon	Fed: None CA: None CEQA: 4.3	Occurs on rocky, often serpentine soils in openings of chaparral and lower montane coniferous forest at elevations between 100 and 2,015 meters. Known from LAK, NAP, SON, and YOL counties.	June-July perennial herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest voucher specimen is a 1902 Heller collection (# 5775) from Sonoma Creek at the foot of Mt. Hood.treatment areas	Possible
<i>Arctostaphylos stanfordiana</i> subsp. <i>decumbens</i> Rincon Ridge manzanita	Fed: None CA: None CEQA: 1B.1	Occurs in chaparral on rhyolitic soils and cismontane woodland at elevations between 75 and 370 meters. Known from NAP and SON counties.	February-April (May) perennial evergreen shrub	Suitable vegetation associations and elevations are present within the treatment areas. The nearest CNDDDB occurrence (EONDX # 82842) is a specific record from Oakville Grade Road approximately 3.2 miles northeast of the treatment areas.	Possible
<i>Astragalus breweri</i> Brewer's milk-vetch	Fed: None CA: None CEQA: 4.2	Occurs on serpentine and volcanic soils in chaparral, cismontane woodland, meadows and seeps, and gravelly openings in valley and foothill grassland at elevations between 90 and 730 meters. Known from COL, LAK, MEN, MRN, NAP, and SON counties.	April-June annual herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest voucher specimen is an 1862 Brewer collection (# 979) from near Sonoma.	Possible

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<i>Astragalus clevelandii</i> Cleveland's milk-vetch	Fed: None CA: None CEQA: 4.3	Occurs in serpentine seeps within chaparral, cismontane woodland, and riparian forest at elevations between 200 and 150 meters. Known from COL, LAK, NAP, SON, TEH, and YOL counties.	June-September perennial herb	Although suitable vegetation associations are present within the treatment areas, it lacks the preferred serpentine substrate. The nearest voucher specimen is a 1981 Clifton collection from Luhman Property and Sage Canyon.	Not Expected
<i>Astragalus tener</i> var. <i>tener</i> alkali milk vetch	Fed: None CA: None CEQA: 1B.2	Occurs in alkaline microhabitats in playas, adobe clay valley and foothill grassland, and vernal pools between 1 and 60 meters. Known from ALA, MER, NAP, SOL, and YOL counties. Presumed extirpated from CCA, MNT, SBT, SFO, SJQ, SCL, SON, and STA counties.	March-June annual herb	Although suitable vegetation associations are present within the treatment areas, it lacks the preferred alkaline habitat and is above the elevational distribution for this taxon. The nearest CNDDDB occurrence (EONDX # 9269) is an extirpated, non-specific record from Petaluma approximately 11.5 miles southwest of the treatment areas.	Not Expected
<i>Balsamorhiza macrolepis</i> big-scale balsamroot	Fed: None CA: None CEQA: 1B.2	Occurs in chaparral, cismontane woodland, and valley and foothill grassland often on serpentine soils at elevations between 45 and 1,555 meters. Known from ALA, AMA, BUT, COL, ELD, LAK, MPA, NAP, PLA, SCL, SHA, SOL, SON, TEH, and TUO counties.	March-June perennial herb	Although suitable vegetation associations are present, the treatment areas is outside of the known distribution of this species. The nearest CNDDDB occurrence (EONDX # 91037) is a non-specific record from near Sonoma approximately 5.5 miles south of the treatment areas.	Not Expected
<i>Brodiaea leptandra</i> narrow-anthered brodiaea	Fed: None CA: None CEQA: 1B.2	Occurs on volcanic soils in broadleafed upland forest, chaparral, cismontane woodland, lower montane coniferous forest, and valley and foothill grassland at elevations between 110 and 915 meters. Known from LAK, NAP, and SON counties.	May-July perennial bulbiferous herb	Suitable vegetation associations and elevations are present within the treatment areas. CNDDDB occurrence (EONDX # 100867) is a non-specific record which overlaps with the central portion of the treatment areas. This species has been confirmed on site by ACR staff.	Present

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<i>Calamagrostis ophitidis</i> serpentine reed grass	Fed: None CA: None CEQA: 4.3	Occurs on rocky serpentine soils in lower montane coniferous forest, meadows and seeps, valley and foothill grassland, and chaparral, openings and often north-facing slopes at elevations between 90 and 1,065 meters. Known from LAK, MRN, MEN, NAP, and SON counties.	April-July perennial herb	Although suitable vegetation associations are present within the treatment areas, it lacks the preferred serpentine substrate. The nearest voucher specimen is a 1981 Clifton collection from Luhman Property and Sage Canyon.	Not Expected
<i>Calandrinia breweri</i> Brewer's calandrinia	Fed: None CA: None CEQA: 4.2	Occurs within chaparral and coastal scrub in burned areas, disturbed areas, sometimes on loam or sandy substrates at elevations between 10 and 1,220 meters. Known from CCA, ELD, LAX, MRN, MPA, MNT, NAP, ORA, RIV, SDG, SLO, SMT, SBA, SCL, SCR, SON, and VEN counties.	(January) March-June annual herb	Suitable vegetation associations and elevations are present within the treatment areas and was recently burned. The nearest voucher specimen is a 2018 Warner collection (# 354) from Glen Oaks Ranch towards Bouverie Preserve boundary.	Possible
<i>Calochortus uniflorus</i> pink star-tulip	Fed: None CA: None CEQA: 4.2	Occurs in coastal prairie, coastal scrub, meadows and seeps, and North Coast coniferous forest at elevations between 10 and 1070 meters. Known from COL, LAK, MNT, MRN, NAP, SCR, SMT, and SON counties.	April-June perennial bulbiferous herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest voucher specimen is a 2015 Howald collection (# 3340) from Ledson Marsh at Trione-Annadel State Park.	Possible
<i>Calystegia collina</i> subsp. <i>oxyphylla</i> Mt. Saint Helena morning- glory	Fed: None CA: None CEQA: 4.2	Occurs on serpentine soils in chaparral, lower montane coniferous forest, and valley and foothill grassland at elevations between 279 and 1010 meters. Known from COL, LAK, MEN, MRN, NAP, SBT, and SON counties.	April-June perennial rhizomatous herb	Although suitable vegetation associations are present within the treatment areas, it lacks the preferred serpentine substrate. The nearest voucher specimen is a 1948 Ferris and Lorraine collection (# 11660) from the summit of grade between Mark West Valley and Franz Valley.	Not Expected
<i>Castilleja ambigua</i> var. <i>ambigua</i> johnny-nip	Fed: None CA: None CEQA: 4.2	Occurs in coastal bluff scrub, coastal prairie, coastal scrub, marshes and swamps, valley and foothill grassland, and vernal pool margins at elevations between 0 and 435 meters. Known from ALA, CCA, DNT, HUM, MEN, MRN, NAP, SCR, SMT, SOL, and SON counties.	March-August annual herb (hemiparasitic)	Suitable vegetation associations and elevations are present within the treatment areas. The nearest voucher specimen is an 1893 Bioletti collection from Glen Ellen.	Possible

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<i>Castilleja ambigua</i> var. <i>meadii</i> Mead's owls-clover	Fed: None CA: None CEQA: 1B.1	Occurs in meadows and seeps and vernal pools in clay, gravelly, and volcanic microhabitats between 450 and 475 meters. Known from fewer than five occurrences and only from the Atlas Peak area in NAP county.	April-May annual herb (hemiparasitic)	Although suitable vegetation associations are present, the treatment areas is outside of the known distribution of this species and has never been recorded in SON county. The nearest voucher specimen is a 2011 Ruygt collection (# 5793) from west of Atlas Peak Road.	Not Expected
<i>Ceanothus confusus</i> Rincon Ridge ceanothus	Fed: None CA: None CEQA: 1B.1	Occurs on serpentine (sometimes) and on volcanic (sometimes) soils in chaparral, cismontane woodland, and closed-cone coniferous forest at elevations between 75 and 1065 meters. Known from LAK, MEN, NAP, and SON counties.	February-June perennial evergreen shrub	Suitable vegetation associations and elevations are present within the treatment areas. The nearest CNDDDB occurrence (EONDX # 18708) is a non-specific record from Mount St. John, northwest of Yountville approximately 4 miles north of the treatment areas.	Possible
<i>Ceanothus divergens</i> Calistoga ceanothus	Fed: None CA: None CEQA: 1B.2	Occurs on rocky, serpentine soils in chaparral at elevations between 170 and 950 meters. Known from LAK, NAP, and SON counties.	February-April perennial evergreen shrub	Suitable vegetation associations are not present within the treatment areas.treatment areastreatment areas	None
<i>Ceanothus gloriosus</i> var. <i>exaltatus</i> glory brush	Fed: None CA: None CEQA: 4.3	Occurs in chaparral at elevations between 30 and 610 meters. Known from HUM, MEN, MRN, and SON counties.	March-June (August) perennial evergreen shrub	Suitable vegetation associations are not present within the treatment areas.treatment areastreatment areas	None
<i>Ceanothus purpureus</i> holly-leaved ceanothus	Fed: None CA: None CEQA: 1B.2	Occurs on rocky, volcanic soils in chaparral, cismontane woodland at elevations between 120 and 640 meters. Known from NAP, SOL, and SON counties.	February-June perennial evergreen shrub	Suitable vegetation associations and elevations are present within the treatment areas. The nearest CNDDDB occurrence (EONDX # 49202) is a non-specific record from northwest of Kenwood, approximately 7.7 miles northwest of the treatment areas.	Possible
<i>Ceanothus sonomensis</i> Sonoma ceanothus	Fed: None CA: None CEQA: 1B.2	Occurs on sandy, serpentine, and volcanic soils in chaparral at elevations between 215 and 800 meters. Known from LAK, NAP, and SON counties.	February-April perennial evergreen shrub	Suitable vegetation associations are not present within the treatment areas.treatment areastreatment areas	None

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<i>Centromadia parryi</i> subsp. <i>parryi</i> pappose tarplant	Fed: None CA: None CEQA: 1B.2	Occurs in chaparral, coastal prairie, coastal salt marshes and swamps, meadows and seeps, and vernal mesic valley and foothill grassland often on alkaline soils at elevations between 0 and 420 meters. Known from BUT, COL, GLE, LAK, NAP, SMT, SOL, SON, and YOL counties.	May-November annual herb	Although suitable vegetation associations are present within the treatment areas, it lacks the preferred alkaline substrate. The nearest CNDDDB occurrence (EONDX # 56492) is a non-specific record from Willow Brook north of Petaluma, approximately 8.8 miles southwest of the treatment areas.	Not Expected
<i>Clarkia gracilis</i> subsp. <i>tracyi</i> Tracy's clarkia	Fed: None CA: None CEQA: 4.2	Occurs on serpentine soils in chaparral openings at elevations between 65 and 650 meters. Known from COL, LAK, NAP, and TEH counties.	April-July annual herb	Suitable vegetation associations and serpentine substrates are not present within the treatment areas.	None
<i>Collomia diversifolia</i> serpentine collomia	Fed: None CA: None CEQA: 4.3	Occurs in chaparral and cismontane woodland on gravelly, rocky serpentine (sometimes) soils at elevations between 200 and 600 meters. Known from CCA, COL, GLE, HUM, LAK, MEN, MRN, NAP, ORA, SHA, SON, STA, TEH, and YOL counties.	May-June annual herb	Although suitable vegetation associations are present, the treatment areas is outside of the known distribution of this species and lacks the preferred serpentine substrate. The nearest voucher specimen is a 1981 Clifton collection from Luhman Property and Sage Canyon.	Not Expected
<i>Cordylanthus tenuis</i> subsp. <i>brunneus</i> serpentine bird's-beak	Fed: None CA: None CEQA: 4.3	Occurs usually on serpentine soils in chaparral and cismontane woodland, closed-cone coniferous forest at elevations between 305 and 915 meters. Known from COL, GLE, LAK, MEN, NAP, and SON counties.	July-August annual herb (hemiparasitic)	Although suitable vegetation associations are present within the treatment areas, it lacks the preferred serpentine substrate. The nearest voucher specimen is a 1904 Pennell collection (# 26044) from Hoods Peak, northeast Kenwood.	Not Expected
<i>Delphinium uliginosum</i> swamp larkspur	Fed: None CA: None CEQA: 4.2	Occurs in serpentine seeps in chaparral and valley and foothill grassland at elevations between 340 and 610 meters. Known from BUT, COL, LAK, MEN, NAP, and SON counties.	May-June perennial herb	Although suitable vegetation associations are present, the treatment areas is outside of the known distribution of this species and lacks the preferred serpentine substrate. The nearest voucher specimen is a 1978 Ruygt collection (# 331) from Chiles and Pope V. Rd.	Not Expected

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<i>Downingia pusilla</i> dwarf downingia	Fed: None CA: None CEQA: 2B.2	Occurs in mesic valley and foothill grassland and vernal pools at elevations between 1 and 445 meters. Known from FRE, MER, NAP, PLA, SAC, SJQ, SOL, SON, STA, TEH, and YUB counties.	March-May annual herb	Suitable vegetation associations and elevations are present within the treatment areas. CNDDDB occurrence (EONDX # 5217) is a specific record which overlaps with the western end of the treatment areas. Observed and monitored by ACR in vernal pools at western end of treatment areas.treatment areas	Present
<i>Eleocharis parvula</i> small spikerush	Fed: None CA: None CEQA: 4.3	Occurs in brackish marshes and swamps between 1 and 3,020 meters. Known from Ala, CCA, HUM, MRN, NAP, ORA, SLO, SOL, SON, and VEN counties.	(April) June-August (September) perennial herb	No suitable vegetation associations or brackish hydrology are present within the treatment areas.	None
<i>Erigeron biolettii</i> streamside daisy	Fed: None CA: None CEQA: 3	Occurs in mesic and rocky broadleafed upland forest, cismontane woodland, and North Coast coniferous forest at elevations between 30 and 1,100 meters. Known from HUM, MEN, MRN, NAP, SOL, and SON counties.	June-October perennial herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest voucher specimen is a 2017 Ruygt collection (# 6370) from Mt. Veeder.	Possible
<i>Erigeron greenei</i> Greene's narrow-leaved daisy	Fed: None CA: None CEQA: 1B.2	Occurs on serpentine and volcanic soils in chaparral at elevations between 80 and 1,005 meters. Known from COL, LAK, NAP, and SON counties.	May-September perennial herb	Suitable vegetation associations are not present within the treatment areas.treatment areastreatment areas	None
<i>Eryngium jepsonii</i> Jepson's coyote-thistle	Fed: None CA: None CEQA: 1B.2	Occurs on clay soils in valley and foothill grassland and vernal pools at elevations between 3 and 300 meters. Known from ALA, CCA, NAP, SMT, SOL, and YOL counties.	April-August perennial herb	Although suitable vegetation associations are present, the treatment areas is outside of the known distribution of this species which has never been recorded in SON county. The nearest CNDDDB occurrence (EONDX # 103879) is a non-specific record from Yountville, approximately 6.8 miles east of the treatment areas.	Not Expected
<i>Erythronium helena</i> St. Helena fawn lily	Fed: None CA: None CEQA: 4.2	Occurs on serpentine (sometimes) and volcanic (sometimes) soils in chaparral, cismontane woodland, lower montane coniferous forest, and valley and foothill grassland at elevations between 350 and 1,220 meters. Known from LAK, NAP, and SON counties.	March-May perennial bulbiferous herb	Although suitable vegetation associations are present, the treatment areas is outside of the known distribution of this species. The nearest voucher specimen is a 1968 Taylor collection from St. Helena.	Not Expected

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<i>Extriplex joaquinana</i> San Joaquin sparscale	Fed: None CA: None CEQA: 1B.2	Occurs on alkaline soils in chenopod scrub, meadows and seeps, playas, and valley and foothill grassland between 1 and 835 meters. Known from ALA, COL, CCA, FRE, GLE, MER, NAP, SAC, SBT, SOL, and YOL counties. Presumed extirpated from SJQ County and possibly extirpated from SLO County.	April-October annual herb	Although suitable vegetation associations are present within the treatment areas it lacks the preferred alkaline substrate, is outside of the known distribution of this species which has never been recorded in SON county. The nearest CNDDDB occurrence (EONDX # 6733) is a specific record from west of Napa River, approximately 12.7 miles southeast of the treatment areas.	Not Expected
<i>Fritillaria liliacea</i> fragrant fritillary	Fed: None CA: None CEQA: 1B.2	Occurs often on serpentine soils in cismontane woodland, coastal prairie, coastal scrub, and valley and foothill grassland at elevations between 3 and 410 meters. Known from ALA, CCA, MRN, MNT, SBT, SFP, SMT, SCL, SOL and SON counties.	February-April perennial bulbiferous herb	Although suitable vegetation associations are present within the treatment areas, this species does not occur east of the Sonoma Mountains.. The nearest CNDDDB occurrence (EONDX # 84463) is a non-specific record from Jack London State Historic Park, approximately 3 miles southeast of the treatment areas.	Not Expected
<i>Fritillaria purdyi</i> Purdy's fritillary	Fed: None CA: None CEQA: 4.3	Occurs in chaparral, cismontane woodland, and lower montane coniferous forest often on serpentine soils at elevations between 175 and 2,255 meters. Known from COL, GLE, HUM, LAK, MEN, NAP, SON, TEH, TRI, and YOL counties.	March-June perennial bulbiferous herb	Although suitable vegetation associations are present within the treatment areas, it lacks the preferred serpentine substrate. The nearest voucher specimen is a 1976 Strang collection (# 13) from east of Calistoga off of Silverado Trail.	Not Expected
<i>Harmonia nutans</i> nodding harmonia	Fed: None CA: None CEQA: 4.3	Occurs on gravelly or rocky volcanic soils in chaparral and cismontane woodland at elevations between 75 and 975 meters. Known from LAK, NAP, SOL, SON, and YOL counties.	March-May annual herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest voucher specimen is a 2017 Ruygt collection (# 6370) from Mt. Veeder.	Possible
<i>Hemizonia congesta</i> subsp. <i>congesta</i> congested-headed hayfield tarplant	Fed: None CA: None CEQA: 1B.2	Occurs in valley and foothill grassland, sometimes on roadsides, at elevations between 20 and 560 meters. Known from LAK, MEN, MRN, SFO, SMT, and SON counties.	April-November annual herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest CNDDDB occurrence (EONDX # 109813) is a non-specific record from El Verano, approximately 4.6 miles south of the treatment areas.	Possible

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<i>Hesperolinon sharsmithiae</i> Sharsmith's western flax	Fed: None CA: None CEQA: 1B.2	Occurs on serpentine soils in chaparral at elevations between 270 and 300 meters. Known from LAK and NAP counties.	May-July annual herb	Suitable vegetation associations and serpentine substrates are not present within the treatment areas. treatment areastreatment areas	None
<i>Horkelia tenuiloba</i> thin-lobed horkelia	Fed: None CA: None CEQA: 1B.2	Occurs in mesic, sandy openings in broadleaved upland forest, chaparral, and valley and foothill grassland at elevations between 50 and 500 meters. Known from MEN, MRN, and SON counties.	May-July (August) perennial herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest CNDDDB occurrence (EONDX # 73189) is a non-specific record from the main ridge separating Nathanson and Agua Caliente Creeks, approximately 3.7 miles southeast of the treatment areas.	Possible
<i>Hosackia gracilis</i> harlequin lotus	Fed: None CA: None CEQA: 4.2	Occurs in wetlands in broadleaved upland forest, cismontane woodland, closed-cone coniferous forest, coastal bluff scrub, coastal prairie, coastal scrub, marshes and swamps, meadows and seeps, North Coast coniferous forest, and valley and foothill grassland at elevations between 0 and 700 meters. Known from DNT, HUM, MEN, MNT, MRN, SCL, SCR, SFO, SLO, SMT, and SON counties.	March-July perennial rhizomatous herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest voucher specimen is an 1893 Bioletti collection from Kenwood.	Possible
<i>Iris longipetala</i> coast iris	Fed: None CA: None CEQA: 4.2	Occurs in mesic areas within coastal prairie, lower montane coniferous forest, and meadows and seeps at elevations between 0 and 600 meters. Known from ALA, CCA, ELD, GLE, HUM, MEN, MER, MNT, MRN, SCL, SCR, SFO, SMT, SOL, SON, and VEN counties.	March-May (June) perennial rhizomatous herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest voucher specimen is a 1999 Ruygt collection (# 4138) from Sugarloaf State Park.	Possible
<i>Lathyrus jepsonii</i> var. <i>jepsonii</i> Delta tule pea	Fed: None CA: None CEQA: 1B.2	Occurs in brackish and freshwater marshes and swamps at elevations between 0 and 5 meters. Known from CCA, NAP, SAC, SJQ, SOL, SON, and YOL counties.	May-July (August- September) perennial herb	Suitable vegetation associations and elevations are not present within the treatment areas.	None

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<i>Layia septentrionalis</i> Colusa layia	Fed: None CA: None CEQA: 1B.2	Occurs on sandy, serpentine soils in chaparral, cismontane woodland, and valley and foothill grassland at elevations between 100 and 1,095 meters. Known from BUT, COL, GLE, LAK, MEN, NAP, SON, SUT, TEH, and YOL counties.	April-May annual herb	Although suitable vegetation associations are present within the treatment areas, it lacks the preferred serpentine substrate and is on the margins of the known distribution of this species. The nearest CNDDDB occurrence (EONDX # 102063) is a non-specific record from Trione-Annadel State Park located approximately 4.4 miles northwest of the treatment areas.	Not Expected
<i>Legenere limosa</i> legenere	Fed: None CA: None CEQA: 1B.1	Occurs in vernal pools at elevations between 1 and 880 meters. Known from ALA, LAK, MNT, NAP, PLA, SAC, SCL, SHA, SJQ, SMT, SOL, SON, STA, TEH, and YUB counties.	April-June annual herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest CNDDDB occurrence (EONDX # 102063) is a non-specific record from Trione-Annadel State Park, approximately 4.6 miles northwest of the treatment areas.	Possible
<i>Leptosiphon aureus</i> bristly leptosiphon	Fed: None CA: None CEQA: 4.2	Occurs in chaparral, cismontane woodland, coastal prairie, and valley and foothill grassland at elevations between 55 and 1,500 meters. Known from ALA, BUT, COL, HUM, KRN, LAK, MEN, MRN, NAP, PLA, SBT, SCL, SCR, SMT, SOL, SON, and YUB counties.	April-July annual herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest voucher specimen is a 2018 Warner collection (# 353) from Glen Oaks Ranch.	Possible
<i>Leptosiphon jepsonii</i> Jepson's leptosiphon	Fed: None CA: None CEQA: 1B.2	Occurs usually on volcanic soils in chaparral, cismontane woodland, and valley and foothill grassland at elevations between 100 and 500 meters. Known from LAK, NAP, SOL, SON, and YOL counties.	March-May annual herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest CNDDDB occurrence (EONDX # 82492) is a non-specific record from Dry Creek Road, approximately 2.1 miles northeast of the treatment areas. This species has been confirmed in the treatment areas by ACR staff.	Present
<i>Leptosiphon latisectus</i> broad-lobed leptosiphon	Fed: None CA: None CEQA: 4.3	Occurs in broadleaved upland forest and cismontane woodland at elevations between 170 and 1,500 meters. Known from COL, DNT, HUM, LAK, MRN, MEN, MNT, NAP, SBT, SFO, SMT, SHA, SON, TEH, TRI, and YOL counties.	April-June annual herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest voucher specimen is a 2016 Ruygt collection (# 6209) from Amy's Grove, Dry Creek Road.	Possible

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<i>Lessingia hololeuca</i> woolly-headed lessingia	Fed: None CA: None CEQA: 3	Occurs on clay and serpentine soils in broadleaved upland forest, coastal scrub, lower montane coniferous forest, and valley and foothill grassland at elevations between 15 and 305 meters. Known from ALA, FRE, MEN, MNT, MRN, NAP, SCL, SCR, SDG, SMT, SOL, SON, TEH, TUO, and YOL counties.	June-October annual herb	Although suitable vegetation associations and elevations are present within the treatment areas, it lacks the preferred serpentine substrate. The nearest voucher specimen is a 1888 Greene collection (# 6209) from Petaluma	Not Expected
<i>Lilaeopsis masonii</i> <i>Mason's lilaeopsis</i>	Fed: None CA: None CEQA: 1B.1	Occurs in brackish and freshwater marshes and swamps, and riparian scrub below 10 meters. Known from ALA, CCA, MRN, NAP, SAC, SJQ, SOL, and YOL counties.	April-November perennial rhizomatous herb	Suitable vegetation associations and elevations are not present within the treatment areas.	None
<i>Lilium rubescens</i> redwood lily	Fed: None CA: None CEQA: 4.2	Occurs on serpentine (sometimes) soils in broadleaved upland forest, chaparral, lower montane coniferous forest, North Coast coniferous forest, and upper montane coniferous forest at elevations between 30 and 1,910 meters. Known from CCA, DNT, GLE, HUM, MEN, NAP, SHA, SIS, SON, and TRI counties.	(March) April-August (September) perennial bulbiferous herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest voucher specimen is a 1978 Dobson collection (# 337) from the east side of Mt. Veeder. This species has been confirmed in the treatment areas by ACR staff.	Present
<i>Lomatium repostum</i> Napa lomatium	Fed: None CA: None CEQA: 4.2	Occurs in chaparral and cismontane woodland at elevations between 90 and 1,030 meters. Known from LAK, NAP, SOL, and SON counties.	March-June perennial herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest voucher specimen is a 1966 Howell collection (# 41551) from the hills east of Agua Caliente. This species has been confirmed on site by ACR staff.	Present
<i>Lupinus sericatus</i> Cobb Mountain lupine	Fed: None CA: None CEQA: 1B.2	Occurs in broadleaved upland forest, chaparral, cismontane woodland, and lower montane coniferous forest at elevations between 275 and 1,525 meters. Known from COL, LAK, NAP, and SON counties.	March-June perennial herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest CNDDDB occurrence (EONDX # 30910) is a specific record from Trinity Road, approximately 0.1 miles north of the treatment areas.	Possible
<i>Micropus amphibolus</i> <i>Mt. Diablo cottonweed</i>	Fed: None CA: None CEQA: 3.2	Occurs in rocky areas of broadleaved upland forest, chaparral, cismontane woodland, and valley and foothill grassland at elevations between 45 and 825 meters. Known from LAK, MNT, MRN, NAP, SCR, and SJQ counties.	March-May annual herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest voucher specimen is a 1948 Howell collection (# 24203) from the hills east of Agua Caliente.	Possible

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<i>Monardella viridis</i> green monardella	Fed: None CA: None CEQA: 4.3	Occurs in broadleaved upland forest, chaparral, and cismontane woodland at elevations between 100 and 1,010 meters. Known from LAK, LAX, MEN, NAP, and SON counties.	June-September perennial rhizomatous herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest voucher specimen is a 2007 Solomeshch collection (s.n.) from Oakville Grade Road.	Possible
<i>Microseris paludosa</i> marsh microseris	Fed: None CA: None CEQA: 1B.2	Occurs in cismontane woodland, closed-cone coniferous forest, coastal scrub, and valley and foothill grassland at elevations between 5 and 355 meters. Known from MEN, MNT, MRN, SCR, SFO, SLO, SMT, SOL, and SON counties.	April-June (July) perennial herb	While there are no CNDDDB occurrences of the species within the vicinity of the treatment areas, suitable vegetation associations and elevations are present within the treatment areas and the species may occur within the treatment areas.	Possible
<i>Navarretia conulifolia</i> cotula navarretia	Fed: None CA: None CEQA: 4.2	Occurs on adobe soils in chaparral, cismontane woodland, and valley and foothill grassland at elevations between 4 and 1,830 meters. Known from LAK, MRN, NAP, SON, and YOL counties. May occur in SIS county.	May-June annual herb	Although suitable vegetation associations are present within the treatment areas, it lacks the preferred adobe soils. The nearest voucher specimen is a 2003 Howald collection (# 2334) from the lower east slope of the Sonoma Mountains.	Not Expected
<i>Navarretia heterandra</i> Tehama navarretia	Fed: None CA: None CEQA: 4.3	Occurs in mesic valley and foothill grassland and vernal pools at elevations between 30 and 1,010 meters. Known from BUT, CCA, ELD, NAP, SHA, SON, and TEH counties. To be expected elsewhere.	April-June annual herb	Although suitable vegetation associations are present, the treatment areas is outside of the known distribution of this species. The nearest voucher specimen is a 1960 Crampton collection (# 5747) from the hills east of Agua Caliente.	Not Expected
<i>Navarretia leucocephala</i> subsp. <i>bakeri</i> Baker's navarretia	Fed: None CA: None CEQA: 1B.1	Occurs in mesic cismontane woodland, lower montane coniferous forest, meadows and seeps, valley and foothill grassland, and vernal pools at elevations between 5 and 1,740 meters. Known from COL, GLE, HUM, LAK, LAS, MEN, MRN, NAP, SOL, SON, SUT, TEH, and YOL counties. May be more widespread.	April-July annual herb	Suitable vegetation associations and elevations are present within the treatment areas. The nearest CNDDDB occurrence (EONDX # 6828) is a specific record from Bennet Valley Road, approximately 3.8 miles northwest of the treatment areas.	Possible

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<i>Navarretia rosulata</i> Marin County navarretia	Fed: None CA: None CEQA: 1B.2	Occurs on rocky and serpentine substrate in closed-cone coniferous forest and chaparral at elevations between 200 and 635 meters. Known from MRN and NAP counties.	May-July annual herb	Although suitable vegetation associations are present within the treatment areas, it lacks the preferred serpentine substrate. The nearest CNDDDB occurrence (EONDX # 30677) is a specific record from the Cedar Roughs, approximately 16.6 miles northeast of the treatment areas.treatment areas	Not Expected
<i>Penstemon newberryi</i> var. <i>sonomensis</i> Sonoma beardtongue	Fed: None CA: None CEQA: 1B.3	Occurs in rocky chaparral at elevations between 700 and 1,370 meters. Known from LAK, NAP, and SON counties.	April-August perennial herb	Suitable vegetation associations are not present within the treatment areas.treatment areastreatment areas	None
<i>Puccinellia simplex</i> California alkali grass	Fed: None CA: None CEQA: 1B.2	Occurs on alkaline soils in vernal mesic chenopod scrub, meadows and seeps, valley and foothill grassland, vernal pools, and sinks, flats, and lake margins at elevations between 2 and 930 meters. Known from ALA, BUT, CCA, COL, FRE, GLE, KNG, KRN, LAK, LAX, MAD, MER, NAP, SBD, SCL, SCR, SLO, SOL, STA, TUL, and YOL counties.	March-May annual herb	Although suitable vegetation associations are present within the treatment areas, it lacks the preferred alkaline microhabitat. The nearest CNDDDB occurrence (EONDX # 100292) is a non-specific record from north of Calistoga, approximately 15.8 miles north of the treatment areas.	Not Expected
<i>Ranunculus lobbii</i> Lobb's aquatic buttercup	Fed: None CA: None CEQA: 4.2	Occurs in mesic cismontane woodland, North Coast coniferous forest, valley and foothill grassland, and vernal pools at elevations between 15 and 470 meters. Known from ALA, CCA, LAK, MEN, MNT, MRN, NAP, SAC, SCL, SCR, SMT, SOL, and SON counties.	February-May annual herb (aquatic)	Suitable vegetation associations and elevations are present within the treatment areas. The nearest voucher specimen is an 1898 Baker collection (# 603) from Glen Ellen.	Possible
<i>Sagittaria sanfordii</i> Sanford's arrowhead	Fed: None CA: None CEQA: 1B.2	Occurs in shallow freshwater marshes and swamps at elevations between 0 and 650 meters. Known from BUT, CAL, DNT, ELD, FRE, KNG, LAX, MAD, MRN, MPA, MER, NAP, ORA, SAC, SBD, SJQ, SMT, SCL, SHA, SOL, SUT, TEH, TUL, VEN, and YUB counties.	May-October (November) perennial rhizomatous herb (emergent)	Although suitable vegetation associations are present, the treatment areas is outside of the known distribution of this species. The nearest CNDDDB occurrence (EONDX # 108267) is a specific record from south of Yountville, approximately 7.0 miles east of the treatment areas.	Not Expected
<i>Sidalcea hickmanii</i> subsp. <i>napensis</i> Napa checkerbloom	Fed: None CA: None CEQA: 1B.1	Occurs on rhyolitic soils in chaparral at elevations between 415 and 610 meters. Known from two occurrences in NAP and SON counties.	April-June perennial herb	Suitable vegetation associations are not present within the treatment areas.treatment areastreatment areas	None

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<i>Sidalcea oregana</i> subsp. <i>hydrophila</i> marsh checkerbloom	Fed: None CA: None CEQA: 1B.2	Occurs in mesic meadows and seeps and riparian forest at elevations between 1,100 and 2,300 meters. Known from COL, GLE, LAK, MEN, and NAP counties. Can intergrade with subsp. <i>valida</i> .	(June) July-August perennial herb	Although suitable vegetation associations are present, the treatment areas is below the elevational distribution for this species which has never been recorded from SON county. The nearest CNDDDB occurrence (EONDX # 29913) is a non-specific, possibly extirpated record from Howell Mountain, approximately 13.6 miles north of the treatment areas.	Not Expected
<i>Spergularia macrotheca</i> var. <i>longistyla</i> long-styled sand-spurrey	Fed: None CA: None CEQA: 1B.2	Occurs on alkaline soils in marshes and swamps and meadows and seeps at elevations between 0 and 255 meters. Known from ALA, CCA, NAP, and SOL counties.	February-May perennial herb	Although suitable vegetation associations are present within the treatment areas, it lacks the preferred alkaline microhabitat and this species has never been recorded from SON county. The nearest CNDDDB occurrence (EONDX # 109319) is a non-specific record from Calistoga airport, approximately 14.1 miles north of the treatment areas.	Not Expected
<i>Streptanthus hesperidis</i> green jewelflower	Fed: None CA: None CEQA: 1B.2	Occurs on rocky, serpentine soils in chaparral openings and cismontane woodland at elevations between 130 and 760 meters. Known from LAK, NAP, and YOL counties.	May-July annual herb	Although suitable vegetation associations are present, the treatment areas lacks the preferred serpentine substrate and is outside of the known distribution of this species which has never been recorded from SON county. The nearest CNDDDB occurrence (EONDX # 49248) is a non-specific record from Conn Dam, approximately 9.0 miles northeast of the treatment areas.	Not Expected
<i>Symphotrichum lentum</i> Suisun Marsh aster	Fed: None CA: None CEQA: 1B.2	Occurs in brackish and freshwater marshes and swamps at elevations between 0 and 3 meters. Known from CCA, NAP, SAC, SJQ, SOL, and YOL counties.	(April) May-November	Suitable vegetation associations are not present within the treatment areas.	None

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<i>Toxicoscordion fontanum</i> marsh zigadenus	Fed: None CA: None CEQA: 4.2	Occurs often on serpentine soils in vernal mesic chaparral, cismontane woodland, lower montane coniferous forest, marshes and swamps, and meadows and seeps at elevations between 15 and 1,000 meters. Known from COL, LAK, MNT, MRN, NAP, SBT, and SCR counties.	April-July perennial bulbiferous herb	Although suitable vegetation associations are present, the treatment areas lack the preferred serpentine substrate. The nearest voucher specimen is a 2015 Howald collection (# 3341) from Ledson Marsh at Trione-Annadel State Park.	Not Expected
<i>Trichostema ruygtii</i> Napa bluecurls	Fed: None CA: None CEQA: 1B.2	Occurs in chaparral, cismontane woodland, lower montane coniferous forest, valley and foothill grassland, and vernal pools at elevations between 30 and 680 meters. Known from LAK, NAP, SOL, and SON counties.	June-October annual herb	Suitable vegetation associations are present. treatment areas The nearest CNDDDB occurrence (EONDX # 77669) is a specific record from east northeast of Yountville, approximately 9.7 miles northeast of the treatment areas. Another known population, not yet in the CNDDDB, is known from Trione-Annadel State Park, approximately 4 miles west of the treatment areas.	Possible
<i>Trifolium hydrophilum</i> saline clover	Fed: None CA: None CEQA: 1B.2	Occurs in marshes and swamps, mesic and alkaline valley and foothill grassland, and vernal pools at elevations between 0 and 300 meters. Known from ALA, CCA, LAK, MEN, MNT, NAP, SAC, SBT, SCL, SCR, SJQ, SLO, SMT, SOL, SON, and YOL counties. Many sites likely extirpated.	April-June annual herb	Although suitable vegetation associations are present within the treatment areas, it lacks the preferred alkaline microhabitat. The nearest CNDDDB occurrence (EONDX # 49400) is a non-specific, extirpated record from east of Sonoma County Fairgrounds, approximately 10.5 miles northwest of the treatment areas.	Not Expected
<i>Triteleia lugens</i> dark-mouthed triteleia	Fed: None CA: None CEQA: 4.3	Occurs in broadleaved upland forest, chaparral, coastal scrub, and lower montane coniferous forest at elevations between 100 and 1,000 meters. Known from NAP, SBT, SOL, and SON counties.	April-June perennial bulbiferous herb	Suitable vegetation associations and elevations are present within the treatment areas.	Possible
<i>Trifolium polyodon</i> Pacific Grove clover	Fed: None CA: SR CEQA: 1B.1	Occurs in closed-cone coniferous forest, coastal prairie, meadows and seeps, and valley and foothill grassland within mesic and sometimes granitic soils at elevations between 5 and 425 meters. Known from SON, MRN, SCR, and MNT counties	April-June (July) annual herb	Although suitable vegetation associations are present within the treatment areas, the treatment areas is outside of the species' known range.	None

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<i>Viburnum ellipticum</i> oval-leaved viburnum	Fed: None CA: None CEQA: 2B.3	Occurs in chaparral, cismontane woodland, and lower montane coniferous forest at elevations between 215 and 1,400 meters. Known from ALA, CCA, ELD, FRE, GLE, HUM, LAK, MEN, NAP, PLA, SHA, SOL, SON, and TEH counties.	May-June perennial deciduous shrub	Suitable vegetation associations and elevations are present within the treatment areas. The nearest CNDDDB occurrence (EONDX # 49960) is a non-specific record from Nattkemper Trail at Hood Mountain Regional Park, approximately 4.5 miles north of the treatment areas.	Possible

¹Explanation of State and Federal Listing Codes

Federal listing codes:

FE	Federally listed as Endangered
FT	Federally listed as Threatened
FPE	Federally proposed for listing as Endangered
FPT	Federally proposed for listing as Threatened
FPD	Federally proposed for delisting
FC	Federal candidate species (former Category 1 candidates)
SC	Species of Concern – No longer maintained by USFWS

California listing codes:

SE	State listed as Endangered
ST	State listed as Threatened
SR	State listed as Rare
SCE	State candidate for listing as Endangered
SCT	State candidate for listing as Threatened

California Rare Plant Rank codes:

1A	Presumed extinct in California
1B	Rare or Endangered in California and elsewhere
2	Rare or Endangered in California, more common elsewhere
3	Plants for which we need more information - Review list
4	Plants of limited distribution - Watch list

California Rare Plant Rank threat codes:

.1	Seriously Endangered in California (over 80% of occurrences Threatened / high degree and immediacy of threat)
.2	Moderately Endangered in California (20-80% occurrences Threatened)
.3	Not very Endangered in California (<20% of occurrences Threatened or no current threats known)

Survey Recommendation Determinations Based On

- Observed phenology at the time of reconnaissance
- Seasonal weather patterns
- Collection dates of herbarium specimens
- Blooming times given by the CNPS Inventory

Abbreviations

AMA	Amador	MEN	Mendocino	SCZ	Santa Cruz Island
BUT	Butte	MER	Merced	SDG	San Diego
CAL	Calaveras	MNT	Monterey	SFO	San Francisco
CCA	Contra Costa	MPA	Mariposa	SHA	Shasta
CNPS	CA Native Plant Society	MRN	Marin	SIE	Sierra
CRPR	California Rare Plant Rank	NAP	Napa	SIS	Siskiyou
COL	Colusa	NEV	Nevada	SJQ	San Joaquin
DNT	Del Norte	ORA	Orange	SMI	San Miguel Island
ELD	El Dorado	PLA	Placer	SMT	San Mateo
FRE	Fresno	PLU	Plumas	SOL	Solano
GLE	Glenn	RIV	Riverside	SON	Sonoma
HUM	Humboldt	SAC	Sacramento	SRO	Santa Rosa Island
KRN	Kern	SBA	Santa Barbara	TEH	Tehama
LAK	Lake	SBD	San Bernardino	TRI	Trinity
LAS	Lassen	SBT	San Benito	TUL	Tulare
LAX	Los Angeles	SCL	Santa Clara	VEN	Ventura
MAD	Madera	SCR	Santa Cruz	YOL	Yolo
MOD	Modoc	SCT	Santa Catalina Island	YUB	Yuba