

Anya Perron-Burdick, M.S.

Vegetation Ecologist

Professional Ecological Services
707-529-0904 - Anya.Burdick@gmail.com

September 1, 2023

RE: Survey and Evaluation Results for the Special Status of Native Plant Populations and Sensitive Natural Communities performed for APNs 133-112-020 and a portion of 133-220-003 located at 810 W. Agua Caliente Road, Sonoma County, California.

A special-status plant survey was performed by Anya Perron-Burdick, M.S. within the project boundary on April 21, May 18, and June 15, 2023 (Plate 1). Botanical field surveys were completed in accordance with California Department of Fish and Wildlife (CDFW) Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Sensitive Natural Communities (March 2018). A map and table from the CDFW California Natural Diversity Database Rare Find database and a table from the California Native Plant Society Rare Plant Inventory of known special-status plant species in the proximity and within the nine quadrangles of the project site was evaluated prior to botanical field surveys (Table 1 - Potential for Occurrence). Weather data collected for 2022 would be considered dry with 2.94 inches of rainfall between January-April 2022, followed in 2023 by a wet winter season with 26 inches of rainfall between January-April 2023. The surveyed area soils are classified as 37.7 percent Pleasanton clay loam within the first 37 inches on a 2-5 percent slope, 25.9 percent Spreckels loam within the first 18 inches on a 2-9 percent slope, 14.6 percent Huichica loam within the first 14 inches on a 2-9 percent slope, 13.3 percent Yolo loam within the first 24 inches on a 0-10 percent slope, 4 percent Tuscan cobbly clay loam within the first 9 inches on a 0-9 percent slope, 2.5 percent Riverwash within the first 60 inches on a 0 percent slope, 2.1 percent Los Robles gravelly clay loam within the first 30 on a 2-9 percent slope, and 0.4 percent Spreckels loam within the first 18 inches on a 15-30 percent slope. A Manual of California Vegetation (Sawyer 2009) classifies the habitat communities within the project boundaries as Annual and Perennial non-native Grassland with pockets of seasonal wetland (as mapped in 2018), Oak Woodland, and Riparian Corridor.

The dominant vegetation alliances within the habitat communities are 42.026-02 Wild oats and annual brome grasslands, 42.051.02 *Phalaris aquatica* with pockets of seasonal wetland dominated by 42.052.01 *Hordeum brachyantherum* and *Pleuropogon californicus*, 71.040.00 Valley oak woodland and forest, and 71.045.00 Valley oak riparian forest and woodland. The Wild oats and annual brome grasslands are dominated by *Avena barbata*, *Avena fatua*, *Bromus diandrus*, *Bromus hordeaceus*, *Elymus capu-meusae*, and *Festuca perennis*. The *Phalaris aquatica* grasslands are dominated by *Phalaris aquatica*, *Festuca perennis*, *Briza minor*, and *Carduus pycnocephalus*. The pockets of seasonal wetlands within the *Phalaris aquatica* habitat are dominated by *Hordeum brachyantherum*, *Pleuropogon californicus*, *Cynosurus echinatus*, *Juncus bufonis*, *Cyperus eragrostis*, and *Rumex crispus*. The Valley oak woodland and forest habitat is dominated by *Quercus lobata*, *Quercus agrifolia*, *Quercus kelloggii*, *Eucalyptus globulus*, *Aesculus californica*, *Genista monspessulana*, *Toxicodendron diversilobum*, and *Vinca major*. The Valley oak riparian forest and woodland is dominated by *Quercus lobata*, *Eucalyptus globulus*, *Fraxinus latifolia*, *Umbellularia californica*, *Brassica nigra*, *Rubus armeniacus* *Salix*

lasiolepis, *Genista monspessulana*, and *Toxicodendron diversilobum* (Table 2 - Plant Species Observed Onsite).

No rare plants were observed onsite during the 2023 plant surveys.



Anya Perron-Burdick, M.S.
Vegetation Ecologist
September 1, 2023

Enclosed:

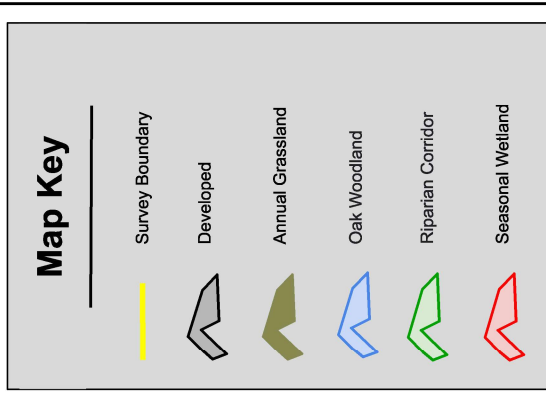
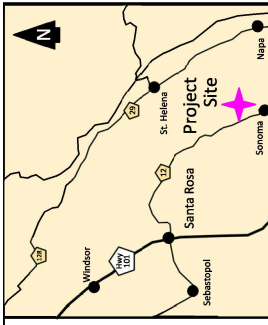
Plate 1 - Rare Plant Survey Boundary

Table 1 - Special Status Plant Species Potential for Occurrence

Table 2 - Vascular Plant Species Observed Onsite in 2023

Plate 1


Rare Plant Survey Boundary



Habitat Communities in Survey Area	Acres
Developed	3.02
Annual Grassland	43.08
Riparian Corridor	7.89
Oak Woodland	4.58
Seasonal Wetland (as mapped 2018)	1.42

MAP DETAILS: APB
 DRAFT: 08/31/2023
 REVISION:
 REVISION:

Anya Perron-Burdick, M.S.
Professional Ecological Services
 (707) 529-0904 anya.burdick@gmail.com


 1 in = 150 ft

Rare Plant Survey Boundary
 810 W. Agua Caliente Road
 Sonoma, Sonoma County, CA 95476
 APNs 133-112-020 and 133-220-003

PLATE **1**

Table 1

Special-status Plant Species Potentially Occurring on or Near Project Site

Table 1 - Special-status Plant Species Potentially Occurring on or Near Project Site

Scientific Name	Common Name	CRPR; GRank; SRank; Other Status; CESA; FESA	Habitat; Micro-habitat; Elevation (ft) low; high	Flowering Period	Potential for Occurrence on Project Site
<i>Allium peninsulare</i> var. <i>franciscanum</i>	Franciscan onion	1B.2; G4G5T2; S2; SB_CalBG/RSAB G; None; None	Cismontane woodland, Valley and foothill grassland, Chaparral; Clay, Serpentine (often), Volcanic; 170; 1000	(Apr)May-Jun	Suitable habitat occurs in the survey area. Usually found in chaparral habitat. Low Potential None observed during 2023 surveys.
<i>Alopecurus aequalis</i> var. <i>sonomensis</i>	Sonoma alopecurus	1B.1; G5T1; S1; SB_CalBG/RSAB G; None; FE	Marshes and swamps (freshwater), Riparian scrub; 15; 1200	May-Jul	Riparian habitat occurs in the survey area. Most known occurrences are in west Sonoma and Marin counties. Low Potential None observed during 2023 surveys.
<i>Amorpha californica</i> var. <i>napensis</i>	Napa false indigo	1B.2; G4T2; S2; SB_CalBG/RSAB G; None; None	Broadleaf upland forest (openings), Chaparral, Cismontane woodland; 165; 6560	Apr-Jul	Broadleaf forest and woodland habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Amsinckia lunaris</i>	bent-flowered fiddleneck	1B.2; G3; S3; BLM_S; SB_UCBG; SB_UCSC; None; None	Cismontane woodland, Coastal bluff scrub, Valley and foothill grassland; 10; 1640	Mar-Jun	Valley and foothill habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Antirrhinum virga</i>	twig-like snapdragon	4.3; G3; S3?; None; None	Chaparral, Lower montane coniferous forest; Openings, Rocky, Serpentine (often); 330; 6610	Jun-Jul	No suitable habitat occurs in the survey area. Most occurrences are in Lake County. No Potential None observed during 2023 surveys.
<i>Arctostaphylos stanfordiana</i> ssp. <i>decumbens</i>	Rincon Ridge manzanita	1B.1; G3T1; S1; SB_UCSC; None; None	Chaparral (rhyolitic), Cismontane woodland; 245; 1215	Feb-Apr(May)	Woodland habitat occurs in the survey area. No manzanita plants seen on site. No Potential None observed during 2023 surveys.

Table 1 - Special Status Plant Species Potential for Occurrence
 810 W. Agua Caliente Road
 Sonoma, Sonoma County, CA 95467
 APNs 133-112-020 and 133-220-003

<i>Astragalus claranus</i>	Clara Hunt's milk-vetch	1B.1; G1; S1; SB_CalBG/RSAB G; CE; FE	Chaparral (openings), Cismontane woodland, Valley and foothill grassland; Clay, Rocky, Serpentinite (sometimes), Volcanic (sometimes); 245; 900	Mar-May	Suitable habitat occurs in the survey area. Most occurrences are found at higher elevations on the border of Napa and Sonoma. Low Potential None observed during 2023 surveys.
<i>Astragalus clevelandii</i>	Cleveland's milk-vetch	4.3; G4; S4; None; None	Chaparral, Cismontane woodland, Riparian forest ; Seeps, Serpentinite ; 655; 4920	Jun-Sep	Suitable habitat occurs in the survey area. Most occurrences are found in Lake and Napa counties. Low Potential None observed during 2023 surveys.
<i>Astragalus tener</i> var. <i>tener</i>	alkali milk-vetch	1B.2; G2T1; S1; None; None	Playas, Valley and foothill grassland (adobe clay), Vernal pools; Alkaline ; 5; 195	Mar-Jun	Suitable habitat occurs in the survey area. Most occurrences are in Solano County and the San Francisco Bay Area. Low potential None observed during 2023 surveys.
<i>Balsamorhiza macrolepis</i>	big-scale balsamroot	1B.2; G2; S2; BLM_S; USFS_S; None; None	Chaparral, Cismontane woodland, Valley and foothill grassland; Serpentinite (sometimes); 150; 5100	Mar-Jun	Suitable habitat occurs in the survey area. Most occurrences are found in Lake County, the San Francisco Bay Area, and in the Sierras. Low Potential None observed during 2023 surveys.
<i>Blennosperma bakeri</i>	Sonoma sunshine	1B.1; G1; S1; SB_CalBG/RSAB G; CE; FE	Valley and foothill grassland (mesic), Vernal pools; 35; 360	Mar-May	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Brodiaea leptandra</i>	narrow-anthered brodiaea	1B.2; G3?; S3?; SB_CalBG/RSAB G; None; None	Broadleaf upland forest, Chaparral, Cismontane woodland, Lower montane coniferous forest, Valley and foothill grassland; Volcanic; 360; 3000	May-Jul	Suitable habitat occurs in the survey area. Most occurrences are found in rocky dry chaparral habitat. Low Potential None observed during 2023 surveys.

Table 1 - Special Status Plant Species Potential for Occurrence
 810 W. Agua Caliente Road
 Sonoma, Sonoma County, CA 95467
 APNs 133-112-020 and 133-220-003

<i>Calamagrostis ophitidis</i>	serpentine reed grass	4.3; G3; S3; None; None	Chaparral (openings, often north-facing slopes), Lower montane coniferous forest, Meadows and seeps, Valley and foothill grassland; Rocky, Serpentine; 295; 3495	Apr-Jul	Suitable habitat occurs in the survey area. Most occurrences are in North Sonoma, Marin, and Napa Counties. Low Potential None observed during 2023 surveys.
<i>Calandrinia breweri</i>	Brewer's calandrinia	4.2; G4; S4; SB_SBBG; SB_UCSC; None; None	Chaparral, Coastal scrub; Burned areas, Disturbed areas, Loam (sometimes), Sandy (sometimes); 35; 4005	(Jan)Mar-Jun	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Calochortus uniflorus</i>	pink star-tulip	4.2; G4; S4; SB_SBBG; None; None	Coastal prairie, Coastal scrub, Meadows and seeps, North Coast coniferous forest; 35; 3510	Apr-Jun	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Calystegia collina</i> ssp. <i>oxyphylla</i>	Mt. Saint Helena morning-glory	4.2; G4T3; S3; None; None	Chaparral, Lower montane coniferous forest, Valley and foothill grassland; Serpentine; 915; 3315	Apr-Jun	Suitable habitat occurs in the survey area. Most often found in northern Sonoma and Napa Counties. Low Potential None observed during 2023 surveys.
<i>Castilleja ambigua</i> var. <i>ambigua</i>	johnny-nip	4.2; G4T4; S3S4; SB_CalBG/RSAB G; None; None	Coastal bluff scrub, Coastal prairie, Coastal scrub, Marshes and swamps, Valley and foothill grassland, Vernal pools (margins); 0; 1425	Mar-Aug	Suitable habitat occurs in the survey area. Most common along the coast. Low Potential None observed during 2023 surveys.
<i>Ceanothus confusus</i>	Rincon Ridge ceanothus	1B.1; G1; S1; BLM_S; SB_SBBG; None; None	Chaparral, Cismontane woodland, Closed-cone coniferous forest; Serpentine (sometimes), Volcanic (sometimes); 245; 3495	Feb-Jun	Woodland habitat occurs in the survey area. Most often found in chaparral. No ceanothus plants observed on-site. Low Potential None observed during 2023 surveys.

Table 1 - Special Status Plant Species Potential for Occurrence
 810 W. Agua Caliente Road
 Sonoma, Sonoma County, CA 95467
 APNs 133-112-020 and 133-220-003

<i>Ceanothus divergens</i>	Calistoga ceanothus	1B.2; G2; S2; SB_UCSC; None; None	Chaparral (rocky, serpentinite, volcanic); 560; 3115	Feb-Apr	No suitable habitat occurs in the survey area. No Potential None observed during 2023 surveys.
<i>Ceanothus foliosus var. vineatus</i>	Vine Hill ceanothus	1B.1; G3T1; S1; None; None	Chaparral; 150; 1000	Mar-May	No suitable habitat occurs in the survey area. No Potential None observed during 2023 surveys.
<i>Ceanothus gloriosus var. exaltatus</i>	glory brush	4.3; G4T4; S4; SB_UCSC; None; None	Chaparral; 100; 2000	Mar-Jun(Aug)	No suitable habitat occurs in the survey area. No Potential None observed during 2023 surveys.
<i>Ceanothus masonii</i>	Mason's ceanothus	SR: 1B.2	Rocky places, serpentine substrate; openings in chaparral.	March-May	No suitable habitat occurs in the survey area. No Potential None observed during 2023 surveys.
<i>Ceanothus purpureus</i>	holly-leaved ceanothus	1B.2; G2; S2	Chaparral, Cismontane woodland	February-June	Woodland habitat occurs in the survey area. Most often found in chaparral. No ceanothus plants observed on-site. Low Potential None observed during 2023 surveys.
<i>Ceanothus sonomensis</i>	Sonoma ceanothus	1B.2	Chaparral	February-April	No suitable habitat occurs in the survey area. No Potential None observed during 2023 surveys.
<i>Centromadia parryi ssp. parryi</i>	pappose tarplant	1B.2; G3T2; S2; BLM_S; None; None	Chaparral, Coastal prairie, Marshes and swamps (coastal salt), Meadows and seeps, Valley and foothill grassland (vernally mesic); Alkaline (often); 0; 1380	May-Nov	Chaparral habitat occurs in the survey area. Most often found in Napa and Solano Counties. Low Potential None observed during 2023 surveys.

Table 1 - Special Status Plant Species Potential for Occurrence
810 W. Agua Caliente Road
Sonoma, Sonoma County, CA 95467
APNs 133-112-020 and 133-220-003

<i>Chloropyron maritimum ssp. palustre</i>	Point Reyes salty bird's-beak	1B.2; G4?T2; S2; None; None	Marshes and swamps (coastal salt) ; 0; 35	Jun-Oct	No suitable habitat occurs in the survey area. No Potential None observed during 2023 surveys.
<i>Chloropyron molle ssp. molle</i>	soft salty bird's-beak	1B.2; G2T1; S1; CR; FE	Marshes and swamps (coastal salt); 0; 10	Jun-Nov	No suitable habitat occurs in the survey area. No Potential None observed during 2023 surveys.
<i>Chorizanthe valida</i>	Sonoma spineflower	1B.1; G1; S1; SB_CalBG/RSAB G; CE; FE	Coastal prairie (sandy); 35; 1000	Jun-Aug	No suitable habitat occurs in the survey area. No Potential None observed during 2023 surveys.
<i>Clarkia breweri</i>	Brewer's clarkia	4.2; G4; S4; None; None	Chaparral, Cismontane woodland, Coastal scrub; Serpentine (often); 705; 3660	Apr-Jun	Chaparral habitat occurs in the survey area. Most occur in counties south of the Bay Area. Low Potential None observed during 2023 surveys.
<i>Cordylanthus tenuis ssp. brunneus</i>	serpentine bird's-beak	4.3	Closed-cone coniferous forest, Chaparral, Cismontane woodland	July-August	Woodland habitat occurs in the survey area. Most occurrences are in closed-cone coniferous forest. Low Potential None observed during 2023 surveys.
<i>Cuscuta obtusiflora var. glandulosa</i>	Peruvian dodder	2B.2; G5T4?; SH; None; None	Marshes and swamps (freshwater); 50; 920	Jul-Oct	No suitable occurs in the survey area. No Potential None observed during 2023 surveys.
<i>Cyripedium montanum</i>	mountain lady's-slipper	4.2; G4G5; S4; BLM_S; IUCN_VU; USFS_S; None; None	Broadleaf upland forest, Cismontane woodland, Lower montane coniferous forest, North Coast coniferous forest; 605; 7300	Mar-Aug	Woodland habitat occurs in the survey area. Most occurrences are in North Sonoma County or east of Napa County. Low Potential None observed during 2023 surveys.
<i>Downingia pusilla</i>	dwarf downingia	2B.2; GU; S2; None; None	Valley and foothill grassland (mesic), Vernal pools; 5; 1460	Mar-May	Suitable occurs in the survey area. Potential None observed during 2023 surveys.

Table 1 - Special Status Plant Species Potential for Occurrence
 810 W. Agua Caliente Road
 Sonoma, Sonoma County, CA 95467
 APNs 133-112-020 and 133-220-003

<i>Eastwoodiella californica</i>	swamp harebell	1B.2; G3; S3; BLM_S; SB_CalBG/RSAB G; None; None	Bogs and fens, Closed-cone coniferous forest, Coastal prairie, Marshes and swamps (freshwater), Meadows and seeps, North Coast coniferous forest; Mesic; 5; 1330	Jun-Oct	Suitable occurs in survey area. Most occurrences are on the coast. Low Potential None observed during 2023 surveys.
<i>Eleocharis parvula</i>	small spikerush	4.3; G5; S3; None; None	Marshes and swamps; 5; 9910	(Apr)Jun-Aug(Sep)	No suitable occurs in the survey area. No Potential None observed during 2023 surveys.
<i>Elymus californicus</i>	California bottle-brush grass	4.3; G4; S4; None; None	Broadleaf upland forest, Cismontane woodland, North Coast coniferous forest, Riparian woodland; 50; 1540	May-Aug(Nov)	Suitable habitat occurs in the survey area. Most occurrences are along the coast. Low Potential None observed during 2023 surveys.
<i>Erigeron biolettii</i>	streamside daisy	3; G3; S3; None; None	Broadleaf upland forest, Cismontane woodland, North Coast coniferous forest; Mesic, Rocky; 100; 3610	Jun-Oct	Woodland habitat occurs in the survey area. Most occurrences are at higher elevations and rocky substrates. Low Potential None observed during 2023 surveys.
<i>Erigeron greenei</i>	Greene's narrow-leaved daisy	1B.2	Generally serpentine substrate, sometimes volcanic substrate or rocky alluvium, generally among shrubs; chaparral, cismontane woodland, North Coast coniferous forest, lower montane coniferous forest	May-September	Woodland habitat occurs in the survey area. Most occurrences are at higher elevations and rocky substrates. Low Potential None observed during 2023 surveys.
<i>Eriogonum umbellatum</i> <i>var. bahiiforme</i>	bay buckwheat	4.2; G5T3; S3; None; None	Cismontane woodland, Lower montane coniferous forest; Rocky, Serpentine (often); 2295; 7220	Jul-Sep	Woodland habitat occurs in the survey area. Most occurrences are in Lake County at higher elevations and rocky substrate. Low Potential

Table 1 - Special Status Plant Species Potential for Occurrence
 810 W. Agua Caliente Road
 Sonoma, Sonoma County, CA 95467
 APNs 133-112-020 and 133-220-003

						None observed during 2023 surveys.
<i>Eriophorum gracile</i>	slender cottongrass	4.3; G5; S4; None; None	Bogs and fens, Meadows and seeps, Upper montane coniferous forest; Acidic; 4200; 9515	May-Sep	Suitable habitat occurs in the survey area. Most occurrences are in the Sierra Mountains. No Potential None observed during 2023 surveys.	
<i>Eryngium constancei</i>	Loch Lomond button-celery	1B.1; G1; S1; SB_CalBG/RSAB G; CE; FE	Vernal pools; 1510; 2805	Apr-Jun	Suitable occurs in the survey area. All occurrences are at higher elevations. No Potential None observed during 2023 surveys.	
<i>Erythronium helenae</i>	St. Helena fawn lily	4.2; G3; S3; None; None	Chaparral, Cismontane woodland, Lower montane coniferous forest, Valley and foothill grassland; Serpentinite (sometimes), Volcanic (sometimes) ; 1150; 4005	Mar-May	Suitable occurs in the survey area. All occurrences are at higher elevations. No Potential None observed during 2023 surveys.	
<i>Fritillaria liliacea</i>	fragrant fritillary	1B.2; G2; S2; SB_CalBG/RSAB G; USFS_S; None; None	Cismontane woodland, Coastal prairie, Coastal scrub, Valley and foothill grassland; Serpentinite (often); 10; 1345	Feb-Apr	Suitable habitat occurs in the survey area. No Potential None observed during 2023 surveys.	
<i>Gratiola heterosepala</i>	Boggs Lake hedge-hyssop	1B.2; G2; S2; BLM_S; CE; None	Marshes and swamps (lake margins), Vernal pools; Clay; 35; 7790	Apr-Aug	Suitable habitat occurs in the survey area. Most occurrences are east of Napa County, with one occurrence in Marin County. No Potential None observed during 2023 surveys.	
<i>Harmonia nutans</i>	nodding harmonia	4.3; G3; S3; SB_UCBG; None; None	Chaparral, Cismontane woodland; Gravelly (sometimes), Rocky (sometimes), Volcanic; 245; 3200	Mar-May	Woodland habitat occurs in the survey area. Most occurrences are in Napa County. Low Potential None observed during 2023 surveys.	

Table 1 - Special Status Plant Species Potential for Occurrence
 810 W. Agua Caliente Road
 Sonoma, Sonoma County, CA 95467
 APNs 133-112-020 and 133-220-003

<i>Hemizonia congesta</i> ssp. <i>congesta</i>	congested-headed hayfield tarplant	1B.2; G5T2; S2; SB_UCBG; None; None	Valley and foothill grassland; Roadsides (sometimes); Grassy places, often disturbed areas, fallow fields, other ruderal areas; adjacent to wetlands; 65; 1835	Apr-Nov	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Hesperavax caulescens</i>	hogwallow starfish	4.2; G3; S3; None; None	Valley and foothill grassland (mesic clay), Vernal pools (shallow); Alkaline (sometimes); 0; 1655	Mar-Jun	Suitable habitat occurs in the survey area. Most occurrences are east of Napa County. Low Potential None observed during 2023 surveys.
<i>Hesperolinon congestum</i>	Marin western flax	1B.1; G1; S1; CT; FT	Chaparral, Valley and foothill grassland; Serpentine; 15; 1215	Apr-Jul	Suitable habitat occurs in the survey area. Most occurrences are in Marin County. Low Potential None observed during 2023 surveys.
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	1B.2; G2; S2; SB_CalBG/RSAB G; None; None	Broadleaf upland forest, Chaparral, Valley and foothill grassland; Mesic, Openings, Sandy; 165; 1640	May-Jul(Aug)	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Hosackia gracilis</i>	harlequin lotus	4.2; G3G4; S3; SB_CalBG/RSAB G; SB_UCSC; None; None	Broadleaf 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, Valley and foothill grassland; wetlands; Roadsides; 0; 2295	Mar-Jul	Suitable habitat occurs in the survey area. Most occurrences are along the coast. Low Potential None observed during 2023 surveys.

Table 1 - Special Status Plant Species Potential for Occurrence
 810 W. Agua Caliente Road
 Sonoma, Sonoma County, CA 95467
 APNs 133-112-020 and 133-220-003

<i>Iris longipetala</i>	coast iris	4.2; G3; S3; SB_UCSC; None; None	Coastal prairie, Lower montane coniferous forest, Meadows and seeps; Mesic; 0; 1970	Mar-May(Jun)	Suitable habitat occurs in the survey area. Most occurrences are along the coast. Low Potential None observed during 2023 surveys.
<i>Lasthenia burkei</i>	Burke's goldfields	1B.1; G1; S1; SB_CalBG/RSAB G; SB_UCBG; CE; FE	Meadows and seeps (mesic), Vernal pools; 50; 1970	Apr-Jun	Suitable occurs in the survey area. Rarely found outside of the Santa Rosa Plain. Low Potential None observed during 2023 surveys.
<i>Lasthenia californica ssp. bakeri</i>	Baker's goldfields	1B.2; G3T1; S1; None; None	Closed-cone coniferous forest (openings), Coastal scrub, Marshes and swamps, Meadows and seeps; 195; 1705	Apr-Oct	Suitable habitat occurs in the survey area. Most occurrences are found along the coast and north of Sonoma County. Low Potential None observed during 2023 surveys.
<i>Lasthenia conjugens</i>	Contra Costa goldfields	FE; 1B.1; G1; S1	Vernally moist, open, low-lying places, sometimes alkaline soil; vernal pools, wet meadows, valley and foothill grassland, cismontane woodland, alkaline playas.	March-June	Suitable habitat occurs in the survey area. Most occurrences are found in Solano County. Low Potential None observed during 2023 surveys.
<i>Lathyrus jepsonii var. jepsonii</i>	Delta tulle pea	1B.2; G5T2; S2; None; None	Marshes and swamps (brackish, freshwater); 0; 15	May-Jul(Aug-Sep)	No suitable occurs in the survey area. No Potential None observed during 2023 surveys.
<i>Layia septentrionalis</i>	Colusa layia	1B.2; G2; S2; BLM_S; SB_UCBG; None; None	Chaparral, Cismontane woodland, Valley and foothill grassland; Sandy, Serpentine; 330; 3595	Apr-May	Suitable habitat occurs in the survey area. Most occurrences are found in Napa County and northeast. Low Potential None observed during 2023 surveys.
<i>Legenere limosa</i>	legenere	1B.1; G2; S2; BLM_S; SB_UCBG; None; None	Vernal pools; 5; 2885	Apr-Jun	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.

Table 1 - Special Status Plant Species Potential for Occurrence
810 W. Agua Caliente Road
Sonoma, Sonoma County, CA 95467
APNs 133-112-020 and 133-220-003

<i>Leptosiphon aureus</i>	bristly leptosiphon	4.2; G4?; S4?; None; None	Chaparral, Cismontane woodland, Coastal prairie, Valley and foothill grassland; 180; 4920	Apr-Jul	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Leptosiphon jepsonii</i>	Jepson's leptosiphon	1B.2; G2G3; S2S3; SB_CalBG/RSAB G; SB_USDA; None; None	Chaparral, Cismontane woodland, Valley and foothill grassland; Volcanic (usually); 330; 1640	Mar-May	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Leptosiphon latisectus</i>	broad-lobed leptosiphon	4.3; G4; S4; None; None	Broadleaf upland forest, Cismontane woodland; 560; 4920	Apr-Jun	Suitable habitat occurs in the survey area. Most occurrences are in Napa and Lake Counties. Low Potential None observed during 2023 surveys.
<i>Lessingia hololeuca</i>	woolly-headed lessingia	3; G2G3; S2S3; None; None	Broadleaf upland forest, Coastal scrub, Lower montane coniferous forest, Valley and foothill grassland; Clay, Serpentinite; 50; 1000	Jun-Oct	Suitable habitat occurs in the survey area. Low Potential None observed during 2023 surveys.
<i>Lilium pardalinum ssp. pitkinense</i>	Pitkin Marsh lily	1B.1; G5T1; S1; SB_BerrySB; SB_CalBG/RSAB G; SB_USDA; CE; FE	Cismontane woodland, Marshes and swamps (freshwater), Meadows and seeps; Mesic, Sandy; 115; 215	Jun-Jul	Suitable habitat occurs in the survey area. Most occurrences are in West Sonoma County. Low Potential None observed during 2023 surveys.
<i>Lilium rubescens</i>	redwood lily	4.2; G3; S3; SB_CalBG/RSAB G; SB_USDA; None; None	Broadleaf upland forest, Chaparral, Lower montane coniferous forest, North Coast coniferous forest, Upper montane coniferous forest; Roadsides (sometimes), Serpentinite (sometimes); 100; 6265	(Mar)Apr-Aug(Sep)	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.

Table 1 - Special Status Plant Species Potential for Occurrence
 810 W. Agua Caliente Road
 Sonoma, Sonoma County, CA 95467
 APNs 133-112-020 and 133-220-003

<i>Limnanthes vincularis</i>	Sebastopol meadowfoam	1B.1; G1; S1; SB_CalBG/RSAB G; SB_UCBG; CE; FE	Meadows and seeps, Valley and foothill grassland, Vernal pools; Vernal Mesiic; 50; 1000	Apr-May	Suitable habitat occurs in the survey area. All occurrences are found in the Santa Rosa Plain. Low Potential None observed during 2023 surveys.
<i>Lomatium repostum</i>	Napa lomatium	4.2; G2G3; S2S3; SB_UCSC; None; None	Broadleaf upland forest, Chaparral, Cismontane woodland; Flat to steep slopes in chaparral and woodland (mixed evergreen forest, often with madrone).; Gravelly (sometimes), Openings (often), Rocky (sometimes), Sandstone (rarely), Serpentine, Volcanic (often); 295; 4725	Mar-Jun	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Lupinus sericatus</i>	Cobb Mountain lupine	1B.2; G2?; S2?; BLM_S; SB_UCSC; None; None	Broadleaf upland forest, Chaparral, Cismontane woodland, Lower montane coniferous forest; 900; 5005	Mar-Jun	Suitable habitat occurs in the survey area. Usually occurs at higher elevation and most occurrences found in Napa County. Low Potential None observed during 2023 surveys.
<i>Microseris paludosa</i>	marsh microseris	1B.2; G2; S2; BLM_S; SB_SBBG; SB_UCSC; None; None	Cismontane woodland, Closed-cone coniferous forest, Coastal scrub, Valley and foothill grassland; 15; 1165	Apr-Jun(Jul)	Suitable habitat occurs in the survey area. Most occurrences found in along the coast or in Northwest Sonoma County. Low Potential None observed during 2023 surveys.
<i>Monardella viridis</i>	green monardella	4.3; G3; S3; None; None	Broadleaf upland forest, Chaparral, Cismontane woodland ; 330; 3315	Jun-Sep	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.

Table 1 - Special Status Plant Species Potential for Occurrence
810 W. Agua Caliente Road
Sonoma, Sonoma County, CA 95467
APNs 133-112-020 and 133-220-003

<i>Navarretia leucocephala</i> ssp. <i>bakeri</i>	Baker's navarretia	1B.1	Cismontane woodland, Lower montane coniferous forest, Meadows and seeps, Valley and foothill grassland, Vernal pools	April-July	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Navarretia leucocephala</i> ssp. <i>plieantha</i>	many-flowered navarretia	FE, SE, CRPR 1B.2	Volcanic ash flow vernal pools.	May-June	Vernal pools are onsite, but not volcanic ash flow. No Potential None observed during 2023 surveys.
<i>Navarretia cotulifolia</i>	cotula navarretia	4.2; G4; S4; None; None	Chaparral, Cismontane woodland, Valley and foothill grassland; Adobe; 15; 6005	May-Jun	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Navarretia heterandra</i>	Tehama navarretia	4.3; G4; S4; None; None	Valley and foothill grassland (mesic), Vernal pools; 100; 3315	Apr-Jun	Suitable habitat occurs in the survey area. Most occurrences are found in Napa County and northeast of Napa. Low Potential None observed during 2023 surveys.
<i>Navarretia leucocephala</i> ssp. <i>bakeri</i>	Baker's navarretia	1B.1; G4T2; S2; SB_CalBG/RSAB G; None; None	Cismontane woodland, Lower montane coniferous forest, Meadows and seeps, Valley and foothill grassland, Vernal pools; Mesic; 15; 5710	Apr-Jul	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Navarretia leucocephala</i> ssp. <i>plieantha</i>	many-flowered navarretia	1B.2; G4T1; S1; SB_CalBG/RSAB G; CE; FE	Vernal pools (volcanic ash); 100; 3115	May-Jun	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Penstemon newberryi</i> var. <i>sonomensis</i>	Sonoma beardtongue	1B.3; G4T3; S3; None; None	Chaparral (rocky) ; 2295; 4495	Apr-Aug	No suitable occurs in the survey area. No Potential None observed during 2023 surveys.

Table 1 - Special Status Plant Species Potential for Occurrence
 810 W. Agua Caliente Road
 Sonoma, Sonoma County, CA 95467
 APNs 133-112-020 and 133-220-003

<i>Plagiobothrys mollis</i> var. <i>vestitus</i>	Petaluma popcornflower	1A; G4?TX; SX; None; None	Marshes and swamps (coastal salt), Valley and foothill grassland (mesic) ; 35; 165	Jun-Jul	Suitable habitat occurs in the survey area. Only known occurrence in Southern Sonoma County. Low Potential None observed during 2023 surveys.
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	1B.1; G2; S2; SB_BerrySB; SB_CalBG/RSAB G; CT; None	Broadleaf upland forest, Meadows and seeps, North Coast coniferous forest; Mesic, Openings; 35; 2200	Apr-Jun	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Pleuropogon refractus</i>	nodding semaphore grass	4.2; G4; S4; IUCN_LC; None; None	Lower montane coniferous forest, Meadows and seeps, North Coast coniferous forest, Riparian forest; Mesic; 0; 5250	(Feb-Mar)/Apr-Aug	Suitable habitat occurs in the survey area. Most occurrences are found along the North Coast or in Marin County. Low Potential None observed during 2023 surveys.
<i>Polygonum marinense</i>	Marin knotweed	3.1; G2Q; S2; None; None	Marshes and swamps (brackish, coastal salt) ; 0; 35	(Apr)May-Aug(Oct)	No suitable occurs in the survey area. No Potential None observed during 2023 surveys.
<i>Potentilla uliginosa</i>	Cunningham Marsh cinquefoil	1A; GX; SX; None; None	Marshes and swamps (freshwater); permanent oligotrophic wetlands; 100; 130	May-Aug	No suitable occurs in the survey area. No Potential None observed during 2023 surveys.
<i>Ranunculus lobbii</i>	Lobb's aquatic buttercup	4.2; G4; S3; IUCN_LC; None; None	Cismontane woodland, North Coast coniferous forest, Valley and foothill grassland, Vernal pools; Mesic; 50; 1540	Feb-May	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Rhynchospora alba</i>	white beaked-rush	2B.2; G5; S2; IUCN_LC; None; None	Bogs and fens, Marshes and swamps (freshwater), Meadows and seeps; 195; 6695	Jun-Aug	Suitable habitat occurs in the survey area. Most occurrences are in West Sonoma County. Low Potential None observed during 2023 surveys.

Table 1 - Special Status Plant Species Potential for Occurrence
810 W. Agua Caliente Road
Sonoma, Sonoma County, CA 95467
APNs 133-112-020 and 133-220-003

<i>Rhynchospora californica</i>	California beaked-rush	1B.1; G1; S1; SB_UCSC; None; None	Bogs and fens, Lower montane coniferous forest, Marshes and swamps (freshwater), Meadows and seeps (seeps); 150; 3315	May-Jul	Suitable habitat occurs in the survey area. Most occurrences are in West Sonoma County. Low Potential None observed during 2023 surveys.
<i>Rhynchospora capitellata</i>	brownish beaked-rush	2B.2; G5; S1; IUCN_LC; None; None	Lower montane coniferous forest, Marshes and swamps, Meadows and seeps, Upper montane coniferous forest; Mesic; 150; 6560	Jul-Aug	Suitable habitat occurs in the survey area. Most occurrences are in West Sonoma County. Low Potential None observed during 2023 surveys.
<i>Rhynchospora globularis</i>	round-headed beaked-rush	2B.1; G5; S1; None; None	Marshes and swamps (freshwater); 150; 195	Jul-Aug	Suitable habitat occurs in the survey area. Most occurrences are in West Sonoma County. Low Potential None observed during 2023 surveys.
<i>Sidalcea calycosa ssp. rhizomata</i>	Point Reyes checkerbloom	1B.2; G5T2; S2; None; None	Marshes and swamps (freshwater, near coast) ; 10; 245	Apr-Sep	Suitable habitat occurs in the survey area. Most occurrences are along the coast. Low Potential None observed during 2023 surveys.
<i>Sidalcea hickmanii ssp. napensis</i>	Napa checkerbloom	1B.1; G3T1; S1; SB_CalBG/RSAB G; None; None	Chaparral; rhyolitic; 1360; 2000	Apr-Jun	No suitable occurs in the survey area. No Potential None observed during 2023 surveys.
<i>Sidalcea oregana ssp. valida</i>	Kenwood Marsh checkerbloom	1B.1; G5T1; S1; SB_CalBG/RSAB G; SB_UCBG; CE; FE	Marshes and swamps (freshwater); 375; 490	Jun-Sep	Suitable habitat occurs in the survey area. Most occurrences are in Napa County. Low Potential None observed during 2023 surveys.
<i>Trichostema ruygtii</i>	Napa bluecurls	1B.2; G1G2; S1S2; SB_CalBG/RSAB G; None; None	Chaparral, Cismontane woodland, Lower montane coniferous forest, Valley and foothill grassland, Vernal pools; 100; 2230	Jun-Oct	Suitable habitat occurs in the survey area. Most occurrences are in Napa County. Low Potential None observed during 2023 surveys.

Table 1 - Special Status Plant Species Potential for Occurrence
 810 W. Agua Caliente Road
 Sonoma, Sonoma County, CA 95467
 APNs 133-112-020 and 133-220-003

<i>Trifolium amoenum</i>	two-fork clover	1B.1; G1; S1; SB_CalBG/RSAB G; SB_UCBG; SB_USDA; None; FE	Coastal bluff scrub, Valley and foothill grassland (sometimes serpentinite); 15; 1360	Apr-Jun	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	1B.1; G2; S2; BLM_S; SB_SBBG; SB_UCSC; SB_USDA; None; None	Broadleaf upland forest, Cismontane woodland, Coastal prairie; margins; Gravelly; 115; 2000	Apr-Oct	Suitable habitat occurs in the survey area. Most occurrences are along the coast. Low Potential None observed during 2023 surveys.
<i>Trifolium hydrophilum</i>	saline clover	1B.2; G2; S2; None; None	Marshes and swamps, Valley and foothill grassland (mesic, alkaline), Vernal pools; 0; 985	Apr-Jun	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Trifolium polyodon</i>	Pacific Grove clover	1B.1; G1; S1; CR; None	Closed-cone coniferous forest, Coastal prairie, Meadows and seeps, Valley and foothill grassland; Granitic (sometimes), Mesic; 15; 1395	Apr-Jun(Jul)	Suitable habitat occurs in the survey area. Most occurrences are south of San Francisco Bay. Low Potential None observed during 2023 surveys.
<i>Triquetrella californica</i>	coastal triquetrella	1B.2; G2; S2; USFS_S; None; None	Coastal bluff scrub, Coastal scrub; soil; 35; 330		No suitable habitat occurs in the survey area. No Potential None observed during 2023 surveys.
<i>Triteleia lugens</i>	dark-mouthed triteleia	4.3; G4?; S4?; None; None	Broadleaf upland forest, Chaparral, Coastal scrub, Lower montane coniferous forest; 330; 3280	Apr-Jun	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.
<i>Viburnum ellipticum</i>	oval-leaved viburnum	2B.3; G4G5; S3?; None; None	Chaparral, Cismontane woodland, Lower montane coniferous forest; 705; 4595	May-Jun	Suitable habitat occurs in the survey area. Potential None observed during 2023 surveys.

List of special-status species has been compiled based on plant species listed in the CNDDDB for the Sonoma USGS quadrangle (2023) and based on CNPS Inventory (CNPS 2023) records for the Sonoma quadrangle and the eight surrounding quadrangles. Note: FESA: FE = federally endangered; FT = federally threatened. State listed under the California Endangered Species Act and the California Native Plant Protection Act. CESA: CE = state listed as endangered; CT = state listed as threatened; CR = state listed as rare. Global Rank: G1 = critical imperilment on a global basis, the species is at great risk of extinction; G2 = Imperiled, at high risk of extinction or elimination due to restricted range, few populations or occurrences, steep declines, severe threats, or other factors; G3 = Vulnerable, at moderate risk of extinction or elimination due to a fairly restricted range, relatively few populations or occurrences, recent and widespread declines, threats, or other factors; G4 = Secure, at fairly low risk of extinction or elimination due to an extensive range and/or many populations or occurrences, but with possible cause for some concern as a result of local recent declines, threats, or other factors. State Rank: S1 = Critically Imperiled At very high risk of extirpation in the jurisdiction due to very restricted range, very few populations or occurrences, making it especially vulnerable to extirpation, typically 6 to 20 occurrences or few remaining individuals (1,000 to 3,000); S3 = Uncommon not of conservation concern, typically, 21 to 50 known occurrences or populations; S3 ranked species are not yet susceptible to becoming extirpated in the state but may be if additional populations are destroyed. California Rare Plant Rank: CRPR 1A = Plants presumed extinct in California; CRPR 1B = Rare, threatened, or endangered in California and elsewhere; CRPR 2 = plants rare, threatened or endangered in California, but more common elsewhere; CRPR 3 = plants about which more information is needed; CRPR 4 = Uncommon in California. Other Status: International Union for Conservation of Nature: IUCN_CE = critically endangered, IUCN_E = endangered, IUCN_LC = least concern, IUCN_NT = near threatened, or IUCN_V = vulnerable. California Plant Rescue Institutions. Bureau of Land Management sensitive (BLM_S). United States Forest Service sensitive (USF_S). California Plant Rescue Institutions: SB_CalBG/RSABG = California/Rancho Santa Ana Botanic Garden, SB_SBBG = Santa Barbara Botanic Garden, SB_UCBG = UC Botanical Garden at Berkeley, SB_UCSC = UC Santa Cruz, SB_BSB = Berry Seed Bank, SB_KRBG = Kew Royal Botanic Gardens, SB_SDZC = San Diego Zoo CRES, SB_NGSB = Native Gene Seed Bank, SB_USDA = US Department of Agriculture.

Table 2

Vascular Plants Observed Onsite

Table 2 - Vascular Plants Observed Onsite - April, May, June 2023

		Habitat Communities					
Family	Scientific Name	Common Name	Native (N) Non-native Invasive (I) Cultivar (C)	Wetlands	Annual Grassland	Oak Woodland	Riparian
AGAVACEAE	<i>Chlorogalum pomeridianum</i>	common soaproot	N			X	X
ANACARDIACEAE	<i>Toxicodendron diversilobum</i>	poison oak	N			X	X
ALLIACEAE	<i>Allium vineale</i>	vineyard onion	I	X			
APIACEAE	<i>Daucus carota</i>	wild carrot	I		X	X	X
	<i>Foeniculum vulgare</i>	sweet fennel	I		X		
	<i>Sanicula crassicaulis</i>	Pacific sanicle	N		X	X	X
APOCYNACEAE	<i>Asclepias fascicularis</i>	narrow leaf milkweed	N			X	X
	<i>Vinca major</i>	perwinkle	I			X	X
ASTERACEAE	<i>Atemisia douglasiana</i>	mugwort	N				X
	<i>Baccharis pilularis</i>	coyote brush	N			X	X
	<i>Calendula arvensis</i>	field marigold	I		X		
	<i>Carduus pycnocephalus</i>	Italian thistle	I	X	X	X	X
	<i>Centaurea solstitialis</i>	yellow starthistle	I		X	X	
	<i>Cichorium intybus</i>	chicory	I		X		
	<i>Helminthotheca echioides</i>	bristly ox-tongue	I		X		
	<i>Hypochaeris glabra</i>	smooth cat's ear	I	X	X	X	X

Table 2 - Vascular Plants Observed Onsite April, May, June 2023
 810 W. Agua Caliente Road
 Sonoma, Sonoma County, CA 95467
 APNs 133-112-020 and 133-220-003

	<i>Matricaria discoidea</i>	pineapple weed	N			X	X	
	<i>Lactuca serriola</i>	prickly lettuce	I			X	X	X
	<i>Silybum marianum</i>	milk thistle	I			X	X	
	<i>Sonchus asper</i>	prickly sow thistle	I			X	X	
	<i>Tragopogon porrifolius</i>	purple salsify	I			X		
BORAGINACEAE	<i>Amsinckia menziesii</i>	common fiddleneck	N			X		X
BRASSICACEA	<i>Brassica nigra</i>	black mustard	I			X	X	X
	<i>Hirschfeldia incana</i>	short-pod mustard	I			X	X	
	<i>Raphanus sativus</i>	wild radish	I			X	X	
CAPRIFOLIACEAE	<i>Symphoricarpos albus</i>	snowberry	N					X
CARYPHYLLACEAE	<i>Stellaria media</i>	common chickweed	I			X	X	
CONVOLVULACEAE	<i>Convolvulus arvensis</i>	field bindweed	I			X	X	X
CUCURBITACEAE	<i>Marah fabacea</i>	California man-root	N				X	X
CYPERACEAE	<i>Carex barbarae</i>	valley sedge	N					X
	<i>Carex praegracilis</i>	clustered field-sedge	N					X
	<i>Cyperus eragrostis</i>	tall flatsedge	N					X
DRYOPTERIDACEAE	<i>Dryopteris arguta</i>	wood fern	N					X
EUPHORBIACEAE	<i>Croton setiger</i>	turkey mullein	N			X	X	
FABACEAE	<i>Acmispon americanus</i>	bird's foot trefoil, Spanish lotus	N		X	X	X	
	<i>Genista monspessulana</i>	French broom	I				X	X
	<i>Lathyrus cicera</i>	red pea	I			X		X

Table 2 - Vascular Plants Observed Onsite April, May, June 2023
 810 W. Agua Caliente Road
 Sonoma, Sonoma County, CA 95467
 APNs 133-112-020 and 133-220-003

	<i>Lotus corniculatus</i>	deer vetch	I				X	X
	<i>Lupinus bicolor</i>	miniature lupine	N			X	X	
	<i>Lipinus nanus</i>	sky lupine	N			X	X	
	<i>Medicago polymorpha</i>	burclover	I			X	X	X
	<i>Trifolium hirtum</i>	rose clover	I			X	X	
	<i>Trifolium repens</i>	white clover	I			X		
	<i>Trifolium subterraneum</i>	subterranean clover	I			X		
	<i>Vicia villosa</i>	hairy vetch	I			X	X	X
FAGACEAE	<i>Quercus agrifolia</i>	coast live oak	N				X	X
	<i>Quercus lobata</i>	valley oak	N				X	X
	<i>Quercus kelloggii</i>	black oak	N				X	X
GERANIACEAE	<i>Erodium botrys</i>	broad leaf filaree	I			X		X
	<i>Erodium cicutarium</i>	red-stem filaree	I			X	X	X
	<i>Geranium dissectum</i>	cut-leaf geranium	I				X	X
	<i>Geranium molle</i>	crane's bill	I			X	X	X
	<i>Geranium purpureum</i>	little robins geranium	I				X	X
HYPERICACEAE	<i>Hypericum perforatum</i>	Common St. John's Wart	I				X	X
JUNCACEAE	<i>Juncus bufonis</i>	toad rush	N			X		X
	<i>Juncus effuses</i>	common rush	N					X
	<i>Juncus patens</i>	spreading rush	N					X

Table 2 - Vascular Plants Observed Onsite April, May, June 2023
 810 W. Agua Caliente Road
 Sonoma, Sonoma County, CA 95467
 APNs 133-112-020 and 133-220-003

LAMIACEAE	<i>Marrubium vulgare</i>	white horehound	N						X
	<i>Mentha pulegium</i>	pennyroyal	N						X
	<i>Lamium purpureum</i>	purple deadnettle	I					X	
LAURACEAE	<i>Umbellularia californica</i>	California bay laurel	N					X	X
LYTHRACEAE	<i>Lythrum hyssopifolia</i>	hyssop loosestrife	I					X	
MALVACEAE	<i>Malva neglecta</i>	common mallow	I				X	X	
MORACEAE	<i>Ficus carica</i>	common fig	C					X	
MONTIACEAE	<i>Claytonia perfoliata</i>	miner's lettuce	N						X
MYRSINACEAE	<i>Lysimachia arvensis</i>	scarlet pimpernel	I				X	X	
MYRTACEAE	<i>Eucalyptus globulus</i>	blue gum	I					X	X
OLEACEAE	<i>Fraxinus latifolia</i>	Oregon ash	N						X
	<i>Olea europaea</i>	olive	I					X	
ONAGRACEAE	<i>Clarkia purpurea</i>	winecup clarkia	N			X			
OROBANCHACEAE	<i>Parentucellia viscosa</i>	yellow glandweed	N				X		
OXALIDACEAE	<i>Oxalis pes-caprae</i>	sourgrass, bermuda buttercup	I					X	X
PAPAVERACEAE	<i>Eschscholzia californica</i>	California poppy	N				X		
PLANTAGINACEAE	<i>Kickxia elatine</i>	sharp leaved fluellin	I				X		
	<i>Plantago lanceolata</i>	English plantain	I				X		
POACEAE	<i>Avena barbata</i>	slender wild oat	I				X	X	X
	<i>Avena fatua</i>	wild oat	I				X	X	X
	<i>Briza major</i>	rattlesnake grass	I				X	X	X

Table 2 - Vascular Plants Observed Onsite April, May, June 2023
 810 W. Agua Caliente Road
 Sonoma, Sonoma County, CA 95467
 APNs 133-112-020 and 133-220-003

	<i>Briza minor</i>	little quaking grass	I			X	X	X
	<i>Bromus diandrus</i>	rip-gut brome	I			X	X	X
	<i>Bromus hordeaceus</i>	soft chess brome	I			X	X	
	<i>Cynodon dactylon</i>	burmudagrass	I			X		
	<i>Cynosurus echinatus</i>	dog tail grass	I			X		X
	<i>Elymus caput-medusae</i>	medusa head	I			X		
	<i>Elymus glaucus</i>	blue wild rye	N			X	X	X
	<i>Festuca myuros</i>	rattail six week grass	I			X	X	
	<i>Festuca perennis</i>	perennial Italian rye grass	I			X	X	X
	<i>Hordeum brachyantherum</i>	meadow barley	N		X	X		
	<i>Hordeum marinum</i>	wall barley	I		X	X	X	X
	<i>Phalaris aquatica</i>	harding grass	I		X	X		
	<i>Pleuropogon californicus</i>	semaphore grass	N		X	X		
	<i>Poa annua</i>	bluegrass	I			X		
	<i>Stipa pulchra</i>	purple needlegrass	N			X	X	
POLEMONIACEAE	<i>Navarretia squarrosa</i>	skunkweed	N			X		
POLYGONACEAE	<i>Polygonum aviculare</i>	knotweed	I			X		
	<i>Rumex acetosella</i>	sheep sorrel	I		X			X
	<i>Rumex crispus</i>	curly dock	I		X			X
POLYPODIACEAE	<i>Polypodium californicum</i>	California polypody	N					X
PTERIDACEAE	<i>Pentagramma triangularis</i>	gold back fern	N					X

Table 2 - Vascular Plants Observed Onsite April, May, June 2023
 810 W. Agua Caliente Road
 Sonoma, Sonoma County, CA 95467
 APNs 133-112-020 and 133-220-003

RANUNCULACEAE	<i>Ranunculus muricatus</i>	spiny-fruit buttercup	I	X				X
ROSACEAE	<i>Prunus cersifera</i>	cherry plum	C				X	X
	<i>Rubus armeniacus</i>	Himalayan blackberry	I					X
RUBIACEAE	<i>Galium porrigens</i>	graceful bedstraw	N			X	X	X
SALICACEAE	<i>Salix lasiolepis</i>	arroyo willow	N					X
SAPINDACEAE	<i>Aesculus californica</i>	buckeye	N				X	X