Appendix B: Monte Nido Estates

Table B-1

Special-status plant species reported from the project region[1]

Common name *Scientific name*	Federal status	State status	CNPS List	Habitat	Growth form Blooming period*	Potential to occur on site
Bryophytes						
Norris' beard moss *Didymodon norrisii*	—	—	2.2	Intermittently mesic, rocky habitats within cismontane woodland and lower montane coniferous forest communities at approximately 600 m elevation.	Moss N/A	**None—**there are no obvious rock outcrops on the project site. Mosses on the project site were not similar to any *Didymodon* species. Given that there is limited available habitat on site, and that species similar to *Didymodon* species were not observed, Norris' beard moss is determined not to be present on site.
Ferns and allies						
Sonoran maiden fern *Thelypteris puberula* var. *sonorensis*	—	—	2.2	Meadows, seeps and streams between 50 and 610 m asl.	Perennial rhizomatous herb January – September	**None—**this perennial species is a distinctive species and was not observed within areas of appropriate habitat on site and would have been easily recognized if present. Given the thoroughness of the surveys and the lack of observation, it is determined not to be present.
Dicots						
Braunton's milk-vetch *Astragalus brauntonii*	FE	—	1B.1	Limited to carbonate soils (limestone outcrops), usually on recent burns or disturbed areas in chaparral, coastal sage scrub, closed-cone forest, and grassland communities between between 4 and 640 m asl.	Perennial herb January – August	**None—**suitable substrate (limestone soils and outcrops) is not present.

[1] *For the purposes of database querying, the project region is considered to be the USGS 7.5-minute quadrangle in which the project site is located (Malibu Beach) and the surrounding five quadrangles (Calabasas, Canoga Park, Point Dume, Thousand Oaks, Topanga).*

Table B-1 (Continued)

Special-status plant species reported from the project region[1]

Common name *Scientific name*	Federal status	State status	CNPS List	Habitat	Growth form Blooming period*	Potential to occur on site
Ventura marsh milk-vetch *Astragalus pycnostachyus* var. *lanosissimus*	FE	SE	1B.1	Coastal dunes, coastal scrub, and edges of coastal salt and brackish marsh and swamp communities between 1 and 35 m asl.	Perennial herb June – October	**None—**suitable substrate (brackish or salty near-shore sandy habitat) is not present.
Coastal dunes milk-vetch *Astragalus tener* var. *titi*	FE	SE	1B.1	Sandy, often vernally mesic habitats in coastal bluff scrub, coastal dune, and coastal prairie communities between 1 and 50 m asl.	Annual herb March – May	**None—**suitable substrate (mesic near-shore sandy habitat) is not present.
Coulter's saltbush *Atriplex coulteri*	—	—	1B.2	Ocean bluffs, ridge tops and alkaline lowlands in coastal bluff scrub, coastal dunes, coastal scrub, and valley and foothill grassland communities between 3 and 460 m asl.	Perennial herb March – October	**None—**suitable substrate (alkaline near-shore habitat) is not present.
Parish's brittlescale *Atriplex parishii*	—	—	1B.1	Alkaline soils in chenopod scrub, playas, and vernal pools between 25 and 1,900 m asl.	Annual herb June – October	**None—**suitable substrate (drying alkaline habitat) is not present.
Malibu baccharis *Baccharis malibuensis*	—	—	1B.1	Chaparral, cismontane woodland, coastal scrub, and riparian woodland communities between 150 and 305 m asl.	Perennial Deciduous shrub August	**None—**this conspicuous perennial species was not observed within areas of appropriate chaparral habitat on site and would have been easily recognized if present. Given the thoroughness of the survey and the lack of observation, it is determined not to be present. The species is recorded from near Tapia Park about 1.4 miles to the west.

Table B-1 (Continued)

Special-status plant species reported from the project region[1]

Common name *Scientific name*	Federal status	State status	CNPS List	Habitat	Growth form Blooming period*	Potential to occur on site
Brewer's calandrinia *Calandrinia breweri*	—	—	4.2	Sandy or loamy soils in disturbed or burned sites within chaparral and coastal scrub communities between 10 and 1,220 m asl.	Annual herb March – June	**Low—**suitable habitat is present within disturbed and undisturbed portions of the project site, outside of the development footprint. This species was not observed although surveys were conducted alte in the survey window.
Round-leaved filaree *California macrophylla*	—	—	1B.1	Clay soils in cismontane woodland, valley and foothill grassland communities between 15 and 1,200 m asl.	Annual herb March – May	**None—**clay soils are not present on site.
Lewis' evening-primrose *Camissoniopsis lewisii*	—	—	3	Sandy or clay soils in coastal bluff scrub, cismontane woodland, coastal dunes, coastal scrub, valley and foothill grassland communities between 0 and 300 m asl.	Annual herb March – May (June)	**Moderate—** suitable habitat is present within undisturbed portions of the project site but not in disturbed soils within the developed portion of the site.
Southern tarplant *Centromadia parryi* ssp. *australis*	—	—	1B.1	Vernally mesic, often alkaline, habitats in marshes and swamp margins, valley and foothill grassland, and vernal pool communities between 0 and 427 m asl.	Annual herb May – November	**None—**mesic habitats within on site drainages are not appropriate for this species, as they are too ephemeral to allow for the formation of wetland vegetation typical of this species' habitat.
Salt marsh bird's-beak *Chloropyron maritimum* ssp. *maritimum*	FE	SE	1B.2	Coastal dunes, marshes and swamps between 0 and 30 m asl.	Annual herb (hemiparasitic) May – October	**None—**suitable substrate (mesic near-shore sandy habitat) is not present.

Table B-1 (Continued)

Special-status plant species reported from the project region[1]

Common name *Scientific name*	Federal status	State status	CNPS List	Habitat	Growth form Blooming period*	Potential to occur on site
San Fernando Valley spineflower *Chorizanthe parryi* var. *fernandina*	FC	SE	1B.1	Sandy soils in coastal scrub and valley and foothill grassland communities between 150 and 1,220 m asl.	Annual herb April – July	**Presumed absent—**not known from the Santa Monica Mountains. The closest record is about 6.5 miles to the north on Laskey Mesa of the Simi Hills in Ventura County.
Parry's spineflower *Chorizanthe parryi* var. *parryi*	—	—	1B.1	Sandy or rocky habitats and openings in chaparral, cismontane woodland, coastal scrub, valley and foothill grassland communities between 275 and 1,220 m asl.	Annual herb April – June	**Presumed absent—**known from the Santa Monica Mountains from a single record near Point Dume, about 8.5 miles to the southwest. Otherwise, the species is chiefly known from the San Gabriel Mountains about 30 miles to the northeast. The species was not observed during the field surveys.
Santa Susana tarplant *Deinandra minthornii*[2]	—	Rare	1B.2	Sandstone outcrops and crevices in chaparral and coastal scrub communities between 280 and 760 m asl.	Perennial Deciduous shrub July – November	**None—**appropriate sandstone outcrop habitat is not present on site.
Dune larkspur *Delphinium parryi* ssp. *blochmaniae*	—	—	1B.2	Maritime chaparral and coastal dunes between 0 and 200 m asl.	Perennial herb April – May	**None—**suitable substrate (near-shore sandy habitat) is not present.
Beach spectaclepod *Dithyrea maritima*	—	ST	1B.1	Sandy soils in coastal dune and scrub communities between 3 and 50 m asl.	Rhizomatous herb March – May	**None—**suitable substrate (near-shore sandy habitat) is not present.

[2] *State-listed as* Hemizonia minthornii*; see this current name in* The Jepson Manual*.*

Table B-1 (Continued)

Special-status plant species reported from the project region[1]

Common name *Scientific name*	Federal status	State status	CNPS List	Habitat	Growth form Blooming period*	Potential to occur on site
Blochman's dudleya *Dudleya blochmaniae* ssp. *blochmaniae*	—	—	1B.1	Rocky, clay or serpentinite substrates in coastal bluff scrub, chaparral, coastal scrub, and valley and foothill grassland communities between 5 and 450 m asl.	Perennial herb April – June	**None—**rocky habitats are limited on the project site and these were checked for Dudleya species, and none were detected. This species is presumed not to be present on site. The closest recorded location is near Pepperdine University about 2.5 miles to the south.
Agoura Hills dudleya *Dudleya cymosa* ssp. *agourensis*	FT	—	1B.2	Rocky, volcanic substrates in chaparral and cismontane woodland communities between 200 and 500 m asl.	Perennial herb May – June	**None—**rocky volcanic habitats are limited on the project site and these were checked for Dudleya species, and none were detected. This species is presumed not to be present on site. The recorded locations for this species are chiefly at Cornell Road and Lake Eleanor on Westlake Boulevard.
Marcescent dudleya *Dudleya cymosa* ssp. *marcescens*	FT	Rare	1B.2	Rocky, volcanic substrates in chaparral communities between 150 and 520 m asl.	Perennial herb April – June	**None—**rocky volcanic habitats are limited on the project site and these were checked for Dudleya species, and none were detected. This species is presumed not to be present on site.
Santa Monica dudleya *Dudleya cymosa* ssp. *ovatifolia*	FT	—	1B.2	Volcanic, rocky substrates in chaparral and coastal scrub communities between 150 and 1,675 m asl.	Perennial herb March – June	**None—**rocky volcanic habitats are limited on the project site and these were checked for Dudleya species, and none were detected. This species is presumed not to be present on site. This taxon is recorded within one mile, both south and southwest of the project site.
Many-stemmed dudleya *Dudleya multicaulis*	—	—	1B.2	Heavy, often clay, soils in chaparral, coastal scrub, valley and foothill grassland habitats between 15 and 790 m asl.	Perennial herb April – July	**None—**heavy soils suitable for this species are not present on site. The closest recorded location is about 7 miles southeast of the project site.

Table B-1 (Continued)

Special-status plant species reported from the project region[1]

Common name *Scientific name*	Federal status	State status	CNPS List	Habitat	Growth form Blooming period*	Potential to occur on site
Conejo dudleya *Dudleya parva*[3]	FT	—	1B.2	Clay or volcanic substrates in coastal scrub and valley and foothill grassland communities between 60 and 450 m asl.	Perennial herb May – June	**None—**volcanic substrate is not present on site; however the site is outside the species' range, as all occurrences lie to the west of the site, in Ventura County.
Conejo buckwheat *Eriogonum crocatum*	—	Rare	1B.2	Conejo volcanic outcrops in chaparral, coastal scrub, valley and foothill grassland communities between50 and 580 m asl.	Perennial herb April – July	**None—**the site contains no Conejo volcanic outcrops, and all known occurrences lie to the west of the site, in Ventura County.
Coulter's goldfields *Lasthenia glabrata* ssp. *coulteri*	—	—	1B.1	Alkaline soils in coastal salt marshes and swamps, playas, and vernal pools between 1 and 1,220 m asl.	Annual herb February – June	**None—**appropriate alkaline wetland and drying habitat is not present on site.
Lyon's pentachaeta *Pentachaeta lyonii*	FE	SE	1B.1	Rocky and clay soils in openings within chaparral, coastal scrub, and valley and foothill grassland communities between 30 and 630 m asl.	Annual herb March – August	**Presumed absent—**rocky chaparral habitat is marginally present, but does not appear to weather to clay soils; all known extant occurrences lie to the north of the site.
Hubby's phacelia *Phacelia hubbyi*	—	—	4.2	Gravelly, rocky, talus habitats in chaparral, coastal scrub, and valley and foothill grassland from 0 to 1000 m asl.	Annual herb April – June	**Low—**habitat is present on site, but this species was not detected during the site surveys.

[3] *Federally-listed as* Dudleya abramsii *ssp.* parva*; see this current name in* The Jepson Manual*.*

Table B-1 (Continued)

Special-status plant species reported from the project region[1]

Common name *Scientific name*	Federal status	State status	CNPS List	Habitat	Growth form Blooming period*	Potential to occur on site
South coast branching phacelia *Phacelia ramosissima* var. *austrolitoralis*[4]	—	—	4.2	Sandy, sometimes rocky habitats in chaparral, coastal dune, coastal scrub, and coastal salt marsh and swamp communities between 6 and 300 m asl.	Perennial herb March – August	**None—**suitable substrate (near-shore sandy habitat) is not present.
Salt spring checkerbloom *Sidalcea neomexicana*	—	—	2.2	Alkali playas and brackish marshes within chaparral, coastal scrub, lower montane coniferous forest, Mojavean desert scrub, and playa communities between 15 and 1,530 m asl.	Perennial herb March – June	**None—**suitable substrate (drying alkaline or brackish habitat) is not present on site.
Monocots						
Catalina mariposa lily *Calochortus catalinae*	—	—	4.2	Chaparral, cismontane woodland, coastal scrub, and valley and foothill grassland communities between 15 and 700 m asl	Perennial bulbiferous herb (February) March – June	**Low—** suitable habitat is present on site, but this species was not detected during late season site surveys.
Slender mariposa lily *Calochortus clavatus* var. *gracilis*	—	—	1B.2	Shaded foothill canyons, often on grassy slopes within chaparral and coastal scrub communities between 360 and 1,000 m asl.	Perennial bulbiferous herb March – June	**Low—** suitable habitat is present on site, but this species was not detected during late season site surveys.

[4] *This taxon not recognized in the 2012* Jepson Manual *but treated as a synonym of* P. ramosissima.

Table B-1 (Continued)

Special-status plant species reported from the project region[1]

Common name *Scientific name*	Federal status	State status	CNPS List	Habitat	Growth form Blooming period*	Potential to occur on site
Plummer's mariposa lily *Calochortus plummerae*	—	—	1B.2	Rocky and sandy sites, usually of granitic or alluvial material in coastal scrub, chaparral, valley and foothill grassland, cismontane woodland, and lower montane coniferous forest communities between 100 and 1,700 m asl.	Perennial bulbiferous herb May – July	**Low—** suitable habitat is present on site, but this species was not detected during late season site surveys.
Peninsular nolina *Nolina cismontana*	—	—	1B.2	Sandstone, shale and gabbro substrates in chaparral and coastal scrub communities between 140 and 1,275 m asl.	Perennial evergreen shrub May – July	**None—**this conspicuous perennial species was not observed within areas of appropriate habitat on site and would have been easily recognized if present. Given the thoroughness of the survey and the lack of observation, it is determined not to be present.
California Orcutt grass *Orcuttia californica*	FE	SE	1B.1	Vernal pools between 15 and 660 m asl.	Annual herb April – August	**None—**suitable substrate (vernal pool habitat) is not present.

** – Months given in parentheses indicate dates on which unusually early or late flowering records have been reported*

Status abbreviations

Federal
FE: federally listed as Endangered
FT: federally listed as Threatened
FC: federal Candidate for listing as Endangered or Threatened

State
SE: state listed as Endangered
ST: state listed as Threatened
SC: state Candidate for listing as Endangered or Threatened

CNPS lists
1A: presumed extinct in California
1B: rare, threatened, or endangered in California and elsewhere
2: rare, threatened, or endangered in California, but more common elsewhere
3: more information needed to determine rarity
4: limited distribution

CNPS threat ranks
0.1: seriously threatened in California
0.2: fairly threatened in California
0.3: not very threatened in California