

<b>DOCKETED</b>	
<b>Docket Number:</b>	24-OPT-02
<b>Project Title:</b>	Compass Battery Energy Storage
<b>TN #:</b>	255568-8
<b>Document Title:</b>	Appendix 4-2B_Observed Species List
<b>Description:</b>	The appendix includes a comprehensive list of all plant and wildlife species observed during the biological surveys performed for the Project.
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<b>Submission Date:</b>	4/5/2024 6:12:39 PM
<b>Docketed Date:</b>	4/8/2024

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## **Appendix 4.2B**

### Observed Species List



# Plant Species

## Angiosperms (Dicots)

### AMARANTHACEAE – AMARANTH FAMILY

- \* *Amaranthus albus* – prostrate pigweed, tumbleweed
- \* *Amaranthus retroflexus* – redroot amaranth

### APIACEAE – UMBELLIFER FAMILY

- \* *Conium maculatum* – poison hemlock
- \* *Foeniculum vulgare* – sweet fennel

### ASPHODELACEAE – ASPHODEL FAMILY

- \* *Asphodelus fistulosus* – onionweed

### ASTERACEAE – SUNFLOWER FAMILY

- Baccharis salicifolia* – mulefat, seep-willow, water-wally
- Baccharis pilularis* – coyotebrush
- \* *Centaurea melitensis* – tocalote
- \* *Cotula australis* – annual buttonweed, Australian waterbutton
- \* *Cynara cardunculus* – cardoon, artichoke thistle
- \* *Erigeron bonariensis* – flax-leaved horseweed, asthmaweed
- Erigeron canadensis* – Canadian horseweed
- \* *Glebionis coronaria* – crown daisy
- \* *Helminotheca echioides* – bristly ox-tongue
- Heterotheca grandiflora* – telegraph weed
- \* *Lactuca serriola* – prickly lettuce
- Matricaria discoidea* – pineapple weed
- \* *Pulicaria paludosa* – Spanish false fleabane
- \* *Senecio vulgaris* – old-man-in-the-spring
- \* *Sonchus asper* – spiny sowthistle
- \* *Sonchus oleraceus* – common sowthistle
- Xanthium strumarium* – rough cocklebur

### BORAGINACEAE – BORAGE FAMILY

- Amsinckia menziesii* var. *intermedia* – commo fiddleneck

### CHENOPODIACEAE – GOOSEFOOT FAMILY

- \* *Atriplex semibaccata* – Australian saltbush
- \* *Chenopodium album* – lambsquarters
- \* *Dysphania ambrosioides* – Mexican tea

- \* *Salsola tragus* – prickly Russian thistle

#### BRASSICACEAE – MUSTARD FAMILY

- \* *Brassica nigra* – black mustard
- \* *Hirschfeldia incana* – short-pod mustard
- \* *Lepidium didymium* – lesser swine cress
- \* *Lepidium latifolium* – perennial pepperweed, broad-leaved pepper grass
- \* *Raphanus sativus* – cultivated radish, wild radish
- \* *Sisymbrium altissimum* – tall tumbled mustard
- \* *Sisymbrium irio* – London rocket

#### EUPHORBIACEAE – SPURGE FAMILY

- \* *Ricinus communis* – castor bean

#### FABACEAE – LEGUME FAMILY

- Acmispon americanus var. americanus* – American bird's-foot trefoil
- \* *Medicago polymorpha* – bur clover

#### GERANIACEAE – GERANIUM FAMILY

- \* *Erodium cicutarium* – red stemmed filaree, red stemmed stork's bill
- \* *Erodium moschatum* – musky stork's bill
- \* *Geranium molle* – dovefoot geranium

#### MALVACEAE – MALLOW FAMILY

- \* *Malva parviflora* – cheeseweed mallow
- Malvella leprosa* – alkali mallow

#### MYRSINACEAE – MYRSINE FAMILY

- \* *Lysimachia arvensis* – scarlet pimpernel

#### ONAGRACEAE – EVENING PRIMROSE FAMILY

- \* *Epilobium ciliatum ssp. ciliatum* – fringed willowherb, willow herb

#### OXALIDACEAE – WOOD SORREL FAMILY

- \* *Oxalis pes-caprae* – Bermuda buttercup, sourgrass

#### PLANTAGINACEAE – PLANTAIN FAMILY

- \* *Kickxia elatine* – sharpleaf cancerwort
- \* *Linaria maroccana* – Moroccan toad flax

#### PLUMBAGINACEAE – PLUMBAGO FAMILY

- \* *Limonium ramisissimum* – Algerian sea lavender

### POLYGONACEAE – BUCKWHEAT FAMILY

*Persicaria lapathifolia* – common knotweed, smartweed

- \* *Polygonum aviculare* – prostrate knotweed
- \* *Rumex crispus* – curly docks

### SALICACEAE – WILLOW FAMILY

*Salix lasiolepis* – arroyo willow

### SOLANACEAE – NIGHTSHADE FAMILY

- \* *Nicotiana glauca* – tree tobacco
- Solanum americanum* – American black nightshade

### TAMARICACEAE – TAMARISK FAMILY

- \* *Tamarix ramosissima* – saltcedar, tamarisk

### TROPAEOLACEAE – NASTURTIA FAMILY

- \* *Tropaeolum majus* – garden nasturtium

### URTICACEAE – NETTLE FAMILY

- \* *Urtica urens* – dwarf nettle, annual stinging nettle

## Angiosperms (Monocots)

### ARECACEAE – PALM FAMILY

- \* *Washingtonia robusta* – Mexican fan palm

### POACEAE – GRASS FAMILY

- \* *Arundo donax* – giant reed
- \* *Avena barbata* – slender oat
- \* *Bromus catharticus* – rescue grass
- \* *Bromus diandrus* – ripgut brome
- \* *Bromus hordeaceus* – soft brome
- \* *Bromus rubens* – red brome
- \* *Cortaderia selloana* – Uruguayan pampass grass
- \* *Echinochloa crus-galli*– barnyardgrass
- \* *Ehrharta erecta* – panic veldtgrass
- \* *Festuca myuros* – rattail sixweeks grass
- \* *Festuca perennis* – perennial rye grass
- \* *Hordeum murinum* – foxtail barley, mouse barley
- \* *Pennisetum setaceum* – fountaingrass
- \* *Phalaris minor* – little seed canarygrass, Mediterranean canarygrass
- \* *Polypogon monspeliensis* – annual beard grass, rabbitsfoot grass

- \* *Schismus barbatus* – common Mediterranean grass
- \* *Stipa miliaceae* var. *miliaceae* – smilgrass

## Wildlife Species – Vertebrates

### Amphibians

#### BUFONIDAE – TRUE TOADS

*Anaxyrus boreas* – western toad

### Birds

#### ACCIPITRIDAE – HAWKS

*Buteo jamaicensis* – red-tailed hawk

#### AEGITHALIDAE – LONG-TAILED TITS

*Psaltriparus minimus* – bushtit

#### ANATIDAE – DUCKS, GEESE, AND SWANS

*Anas platyrhynchos* – mallard

#### ARDEIDAE – HERONS

*Ardea alba* – great egret

*Ardea herodias* – great blue heron

#### CATHARTIDAE – NEW WORLD VULTURES

*Cathartes aura* – turkey vulture

#### COLUMBIDAE – PIGEONS AND DOVES

*Zenaida macroura* – mourning dove

#### CORVIDAE – JAYS AND CROWS

*Corvus brachyrhynchos* – American crow

*Corvus corax* – common raven

#### CHARADRIIDAE – PLOVERS

*Charadrius vociferus* – killdeer

#### FRINGILLIDAE – FINCHES

*Haemorhous mexicanus* – house finch

*Carduelis psaltria* – lesser goldfinch

## HIRUNDINIDAE – SWALLOWS, MARTINS, AND SAW-WINGS

*Petrochelidon pyrrhonota* – cliff swallow

*Stelgidopteryx serripennis* – northern rough-winged swallow

## ICTERIDAE – ICTERIDS

*Icterus cucullatus* – hooded oriole

*Icteria virens* – yellow-breasted chat

*Molothrus ater* – brown-headed cowbird

## MIMIDAE – MIMIDS

*Aphelocoma californica* – California scrub jay

*Mimus polyglottos* – northern mockingbird

*Toxostoma redivivum* – California thrasher

## PARADOXORNITHIDAE – PARROTBILLS

*Chamaea fasciata* – wrentit

## PARULIDAE – NEW WORLD WARBLERS

*Geothlypis trichas* – common yellowthroat

*Setophaga coronata* – yellow-rumped warbler

*Setophaga petechia* – yellow warbler

*Leiothlypis celata* – orange-crowned warbler

## PASSERIDAE – OLD WORLD SPARROWS

\* *Passer domesticus* – house sparrow

## PASSERELLIDAE – NEW WORLD SPARROWS

*Melospiza melodia* – song sparrow

*Melospiza crissalis* – California towhee

*Pipilo maculatus* – spotted towhee

*Zonotrichia leucophrys* – white-crowned sparrow

## PICIDAE – WOODPECKERS

*Colaptes auratus* – northern flicker

*Dryobates nuttallii* – Nuttall's woodpecker

## STURNIDAE – STARLINGS

\* *Sturnus vulgaris* – European starling

## TROCHILIDAE – HUMMINGBIRDS

*Archilochus alexandri* – black-chinned hummingbird

*Calypte anna* – Anna's hummingbird

## TROGLODYTIDAE – WRENS

*Thryomanes bewickii* – Bewick's wren

*Troglodytes aedon* – house wren

## TURDIDAE – THRUSHES

*Sialia mexicana* – western bluebird

## TYRANNIDAE – TYRANT FLYCATCHERS

*Empidonax difficilis* – western flycatcher

*Sayornis nigricans* – black phoebe

*Sayornis saya* – Say's phoebe

*Tyrannus verticalis* – western kingbird

*Tyrannus vociferans* – Cassin's kingbird

## Reptiles

### IGUANIDAE – IGUANID LIZARDS

*Sceloporus occidentalis* – western fence lizard

*Uta stansburiana* – common side-blotched lizard

### VIPERIDAE -VIPER SNAKES

*Crotalus atrox* – western rattlesnake

## Mammals

### CANIDAE – CANIDS

*Canis latrans* – coyote

### LEPORIDAE – RABBITS AND HARES

*Sylvilagus audubonii* – desert cottontail

### SCIURIDAE – SQUIRRELS

*Otospermophilus beecheyi* – California ground squirrel

## Invertebrates

## Insects

### NYMPHALIDAE – BRUSH-FOOTED BUTTERFLIES

*Vanessa cardui* – painted lady

**PIERIDAE – WHITES AND YELLOWS**

*Pieris rapae* – cabbage white

\* signifies introduced (non-native) species

