

MONITORED SPECIES OF ALGAE, PLANTS AND ANIMALS AT ROCKVIEW DRIVE

The following species of algae, plants, and animals are monitored at the Rockview Drive site. Some of the monitored species are rare or absent at Rockview Drive, but we list them on our data sheets for comparison with other sites surveyed. A few species that are not monitored, but are conspicuous and common at Rockview Drive, are also listed. Sometimes similar species or genera are so difficult to distinguish in the field that they are counted together as one entry; we use “spp.” when all the species in one genus are counted together, and we use “/” to separate two species or genera that are counted together. Common names are given when available, but many species lack common names; in some cases we have made up descriptive common names. Species marked with an asterisk (*) are currently being monitored at the Rockview Drive site: **¹counted as individuals in the 1/4m² quadrats, ²counted as number of squares in the 1/4m² quadrats, ³counted as individuals in a 1 X 10 m band quadrat.** Note: “alga,” “plant,” and “animal” are singular nouns; “algae,” “plants,” and “animals” are plural nouns; and “algal,” “plant,” and “animal” are adjectives. **Do not use “algae” as a singular noun or an adjective.**

GREEN ALGAE/FLOWERING PLANTS

- *²*Cladophora columbiana* - green pin-cushion alga
- *²*Codium fragile* - dead man’s fingers
- *²*Enteromorpha* spp./*Ulva* spp. - sea lettuces
- *²*Phyllospadix scouleri/torreyi* - surfgrasses

BROWN ALGAE

- *¹*Egregia menziesii* - feather-boa kelp
- *²*Fucus gardneri* - flattened rockweed
- *²*Pelvetiopsis limitata/Silvetia compressa* - slender rockweeds
- Petrospongium rugosum* - encrusting brown alga
- Scytosiphon simplicissimus* - sausage-link brown alga

RED ALGAE

- *²*Bossiella* spp./*Calliarthron* spp./*Corallina* spp. - upright coralline algae
- *²*Endocladia muricata* - scouring-pad alga
- Gastroclonium subarticulatum* - no common name
- *²*Gracilariopsis lemaneiformis* - vermicelli alga
- Mastocarpus jardinii/papillatus* - stunted turkish-towel algae
- *²*Mazzaella flaccida/splendens* - iridescent algae

ENCRUSTING ALGAE

- *²Encrusting coralline algae - *Lithophyllum* spp./*Lithothamnion* spp. and others on rocks
- *²Tar-spot algae - *Mastocarpus* spp. (encrusting form)/*Petrospongium rugosum/Ralfsia* spp. and others

SEA ANEMONES

- *²*Anthopleura elegantissima* - aggregating anemone
- *^{1,3}*Anthopleura sola* - sunburst anemone
- *^{1,3}*Anthopleura xanthogrammica* - giant green anemone

WORMS

- *²*Phragmatopoma californica* - honeycomb tube worm

CHITONS

- *³*Mopalia* spp./*Nuttallina californica/Lepitochitona* spp. and others - chitons

LIMPETS

*³*Lottia gigantea* (>2.5 cm) - owl limpet

*²*Lottia* spp. (0.5-2.5 cm, on rocks) - limpets

SNAILS

*¹*Acanthinucella* spp./*Nucella* spp. - whelks

Littorina keenae - checkered periwinkles

Littorina plena/scutulata - eroded periwinkle

*¹*Tegula brunnea/funebralis* - turban snails

MUSSELS

*²*Mytilus californianus* - California sea mussel

BARNACLES

*²*Balanus glandula* and *Chthamalus dalli/fissus* - common acorn barnacles

*²*Pollicipes polymerus* - leaf barnacle

*²*Tetraclita rubescens* - pink acorn barnacle (rare)

CRABS

*¹*Pagurus* spp. - hermit crabs

SEA STARS

*³*Pisaster ochraceus* - ochre sea star

SEA URCHINS

*¹*Strongylocentrotus purpuratus* - purple sea urchin (juveniles are green)

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