

LIST OF TAXA

Arranged by families, genera alphabetically under each family and species listed alphabetically within genera. Taxa excluded from San Diego at this time in []. Taxa not treated in MAC with **.

COLONIAL DIATOMS

NAVICULACEAE

***Berkeleya hyalina*

***Berkeleya rutilans*

XANTHOPHYTA

VAUCHERIACEAE

Vaucheria sp.

CHLOROPHYTA

ULVELLACEAE

Entocladia cingens

Pilinella californica

Ulvella applanata

Ulvella setchellii

MONOSTROMATACEAE

[*Monostroma oxyspermum*]

ULVACEAE

Chloropelta caespitosa

Enteromorpha spp.

Ulva californica

Ulva dactylifera

Ulva expansa

Ulva rigida

CLADOPHORACEAE

Chaetomorpha californica

Chaetomorpha linum, *C. aerea*

Chaetomorpha spiralis

Cladophora albida

Cladophora columbiana

Cladophora graminea

Cladophora microcladioides

Cladophora sericea, *C. stimpsonii*

Lola lubrica

Rhizoclonium riparium

CODIOLACEAE

[*Urospora* sp.]

BRYOPSISIDACEAE

Bryopsis corticulans

Bryopsis hypnoides

Bryopsis pennatula

Derbesia marina—*Halicystis ovalis*

CODIACEAE

Codium cuneatum

Codium fragile

Codium johnstonei

Codium setchellii, *C. hubbsii*

PHAEOPHYTA

ECTOCARPACEAE

Ectocarpus parvus

Feldmannia cylindrica

Feldmannia globifera

Feldmannia hemispherica

Feldmannia irregularis

Hincksia granulosa

Hincksia mitchelliae

Hincksia sandriana

Hincksia saundersii

Streblonema investiens

MYRIONEMATACEAE

***Chilionema ocellatum*

RALFSIACEAE

Diplura simulans

Endoplura aurea

Hapalospongidion gelatinosum

Hapterophycus canaliculatus

Pseudolithoderma nigra

Ralfsia confusa
Ralfsia hesperia
Ralfsia integra
Ralfsia pacifica

LEATHESIACEAE

Leathesia difformis
Petrospongium rugosum

CHORDARIACEAE

Haplogloia andersonii
Tinocladia crassa

CUTLERIACEAE

***Cutleria cylindrica*

COILODESMACEAE

Coilodesme californica
Coilodesme rigida

SCYTOSIPHONACEAE

Colpomenia peregrina
Colpomenia sinuosa
Colpomenia tuberculata
Endarachne binghamiae
Hydroclathrus clathratus
Petalonia fascia
Scytosiphon dotyi
Scytosiphon lomentaria

DICTYOTACEAE

Dictyopteris undulata
Dictyota binghamiae
Dictyota flabellata
Pachydictyon coriaceum
Taonia lennebackerae
Zonaria farlowii

SPHACELARIACEAE

Sphacelaria californica
Sphacelaria didichotoma
Sphacelaria rigidula

DESMARESTIACEAE

Desmarestia ligulata var. *firma*
Desmarestia ligulata var. *ligulata*

LAMINARIACEAE

Agarum fimbriatum
Laminaria farlowii
[*Laminaria setchellii*]

ALARIACEAE

Egregia menziesii
Eisenia arborea
Pterygophora californica

LESSONIACEAE

Dictyoneuropsis reticulata
Macrocystis pyrifera
Pelagophycus porra

FUCACEAE

Hesperophycus californicus
Pelvetia fastigiata

CYSTOSEIRACEAE

Cystoseira osmundacea
Cystoseira setchellii
Halidrys dioica

SARGASSACEAE

Sargassum agardhianum
Sargassum muticum
Sargassum palmeri

RHODOPHYTA

PORPHYRIDIACEAE

Chroodactylon ornatum
Stylonema alsidii

ERYTHROTRICHIACEAE

Erythrocladia subintegra
Erythrotrichia spp.
Smithora naiadum

BANGIACEAE

Bangia vermicularis
Porphyra perforata
Porphyrella californica

ACROCHAETIACEAE

Audouinella complex
Rhodochorton purpureum

NEMALIACEAE

Nemalion helminthoides

HELMINTHOCLADIACEAE

Cumagloia andersonii
Helminthocladia australis
Helminthora stricta
Liagora californica

GALAXAURACEAE

Scinaia confusa
Scinaia johnstoniae
Scinaia snyderae

BONNEMAISONIACEAE

Asparagopsis taxiformis
Bonnemaisonia hamifera

GELIDIACEAE

Gelidium coulteri
Gelidium nudifrons
Gelidium purpurascens
Gelidium pusillum
Gelidium robustum
Pterocladia caloglossoides
Pterocladia capillacea
Pterocladia media

DUMONTIACEAE

Farlowia mollis
Leptocladia binghamiae
Pikea californica
Pikea robusta
Weeksia digitata

PEYSSONNELIACEAE

Cruoriopsis aestuarii
Peyssonnelia profunda
Peyssonnelia rubra var. *orientalis*
Pulvinia epiphytica
Rhodophysema elegans var. *polystromatica*
Rhodophysema minus

HILDENBRANDIACEAE

Hildenbrandia dawsonii
Hildenbrandia occidentalis
Hildenbrandia prototypus

CORALLINACEAE

(crustose taxa)
Choreonema thuretii
Fosliella paschalis
Heteroderma nicholsii
Hydrolithon decipiens
Lithophyllum (spp.)
Lithothamnion (spp.)
Melobesia marginata
Melobesia mediocris
Mesophyllum lamellatum
Neogoniolithon setchellii
Neopolyporolithon reclinatum
Pseudolithophyllum neofarlowii
Tenarea (spp.)

CORALLINACEAE

(articulated, erect taxa)
Amphiroa beauvoisii
Bossiella californica ssp. *californica*
Bossiella californica ssp. *schmittii*
Bossiella chiloensis
Bossiella orbigniana
Bossiella plumosa
Calliarthron cheilosporioides
Calliarthron tuberculosum
Corallina frondescens
Corallina officinalis var. *chilensis*
Corallina pinnatifolia
Corallina polysticha

Corallina vancouveriensis
Haliptilon gracile
Jania adhaerens, *J. tenella*
Jania crassa
Lithothrix aspergillum

ENDOCLADIACEAE
Endocladia muricata

HALYMENIACEAE
Carpopeltis bushiae
Cryptonemia angustata
Cryptonemia borealis
Cryptonemia obovata
Cryptonemia ovalifolia
Dermocorynus occidentalis
Grateloupia prolongata,
 G. doryphora
Halymenia californica
Halymenia gardneri
Halymenia hollenbergii
"Lobocolax"
Prionitis angusta
Prionitis australis, *P. cornea*,
 P. linearis
Prionitis lanceolata

KALLYMENIACEAE
Callocolax fungiformis
Callophyllis firma
Callophyllis flabellulata
Callophyllis thompsonii
Callophyllis violaceae
Kallymenia pacifica

CHOREOCOLACACEAE
Gelidiocolax microsphaerica
Leachiella pacifica

CRUORACEAE
Cruoria profunda
Haematocelis rubens
Haematocelis zonalis

NEMASTOMATACEAE
Schizymenia dawsonii
Schizymenia epiphytica
Schizymenia pacifica

SOLIERIACEAE
Gardneriella tuberifera
Opuntiella californica
[*Reticulobotrys catalinae*]
Sarcodiotheca furcata
Sarcodiotheca gaudichaudii

HYPNEACEAE
Hypnea johnstonii
Hypnea valentiae var. *gardneri*
Hypnea valentiae var. *valentiae*
Hypnea variabilis

PLOCAMIACEAE
Plocamiocolax pulvinata
Plocamium cartilagineum
Plocamium violaceum

GRACILARIACEAE
Gracilaria lemaneiformis
Gracilaria pacifica
Gracilaria papenfussii
Gracilariophila gardneri

PHYLLOPHORACEAE
Ahnfeltia fastigiata
Ahnfeltia gigartinooides
Gymnogongrus chiton
Gymnogongrus leptophyllus
Ozophora clevelandii
Petroglossum parvum
Stenogramma interrupta

GIGARTINACEAE
Gigartina canaliculata
Gigartina exasperata
Gigartina harveyana
Gigartina leptorhynchus

Gigartina ornithorhynchos
Gigartina tepida
Gigartina volans
Rhodoglossum affine
Rhodoglossum californicum
Rhodoglossum roseum

PETROCELIDACEAE

[*Mastocarpus papillatus*]
[*Petrocelis franciscana* (stage in life history of *Mastocarpus papillatus*)]
Petrocelis haematis

RHODYMENIACEAE

Botryocladia neushulii
Botryocladia pseudodichotoma
Fauchea laciniata
[*Fryeella gardneri*]?
Maripelta rotata
Rhodymenia arborescens
Rhodymenia californica,
 R. pacifica
Rhodymenia rhizoides
Rhodymeniocolax botryoides
Sciadophycus stellatus

CHAMPIACEAE

Binghamia forkii
[*Champia parvula*]?
Gastroclonium compressum,
 G. parvum
Gastroclonium subarticulatum

LOMENTARIACEAE

Lomentaria caseae
Lomentaria hakodatensis

CERAMIACEAE

Aglaothamnion cordatum
Aglaothamnion endovagum
Antithamnion defectum
Antithamnion hubbsii
Antithamnion kylinii

***Antithamnion tenuissimum*
Antithamnionella sp.
Antithamnionella elegans
[*Antithamnionella pacifica*]
Callithamnion biseriatum
Callithamnion catalinense
***Callithamnion ramosissimum*
Callithamnion rupicolum
Centroceras clavulatum
Ceramium californicum
Ceramium clarionense
Ceramium codicola
Ceramium eatonianum
Ceramium flaccidum
Ceramium pacificum
Ceramium sinicola
Ceramium sp. (*zaca*?)
Griffithsia furcellata
Griffithsia pacifica
Microcladia coulteri
Neoptilota densa
Platythamnion pectinatum
Platythamnion villosum
Pleonosporium squarrulosum
Pleonosporium vancouverianum
Ptilothamnionopsis lejolisea
Scagelia pylaisaei
Spyridia filamentosa
Tiffaniella synderae

DELESSERIACEAE

Acrosorium venulosum
Anisocladella pacifica
***Apoglossum gregarium*
Asterocolax gardneri
Branchioglossum undulatum
Branchioglossum woodii
Cryptopleura corallina,
 C. crispa
Cryptopleura farlowiana
Cryptopleura rosacea
Cryptopleura violacea
Erythroglossum californicum

Gonimophyllum skottsbergii
Holmesia californica
[*Hymenena* species]
Membranoptera weeksiae
[*Myriogramme caespitosa*]
Nienburgia andersoniana
Nitophyllum hollenbergii
***Phycodrys cerratae*
Phycodrys profunda
Phycodrys setchellii
Platysiphonia clevelandii
Platysiphonia decumbens
Polyneura latissima
Sorella delicatula
Sorella pinnata

DASYACEAE

Colacodasya californica
Dasya sinicola var. *abyssicola*
Dasya sinicola var. *californica*
Heterosiphonia erecta
Heterosiphonia japonica
Pogonophorella californica
Rhodoptilum plumosum

RHODOMELACEAE

Amplisiphonia pacifica
Chondria arcuata
Chondria californica
Chondria dasyphylla
Chondria decipiens
Chondria nidifica
Chondria oppositoclada
Erythrocytis saccata
Herposiphonia littoralis
Herposiphonia plumula
Herposiphonia secunda f. *tenella*

Herposiphonia verticillata
Janczewskia gardneri
Janczewskia lappacea
[*Jantinella verrucaeformis*]
Laurencia lajolla
Laurencia pacifica
Laurencia sinicola
Laurencia snyderae
Laurencia spectabilis
Laurencia splendens
Laurencia subdisticha
Laurencia subopposita
Levringiella gardneri
Ophidocladus simpliciusculus
Polysiphonia acuminata
Polysiphonia bajacali
Polysiphonia brodiaei
Polysiphonia confusa
Polysiphonia decussata
Polysiphonia flaccidissima
Polysiphonia hendryi
Polysiphonia indigena
Polysiphonia johnstonii
Polysiphonia mollis
Polysiphonia nathanielii
Polysiphonia pacifica
Polysiphonia paniculata
Polysiphonia savatieri
Polysiphonia scopulorum var. *villum*
Polysiphonia simplex
Pterochondria woodii var. *pygmaea*
Pterosiphonia baileyi
Pterosiphonia dendroidea
Pterosiphonia farlowii
Pterosiphonia pennata
Veleroa subulata

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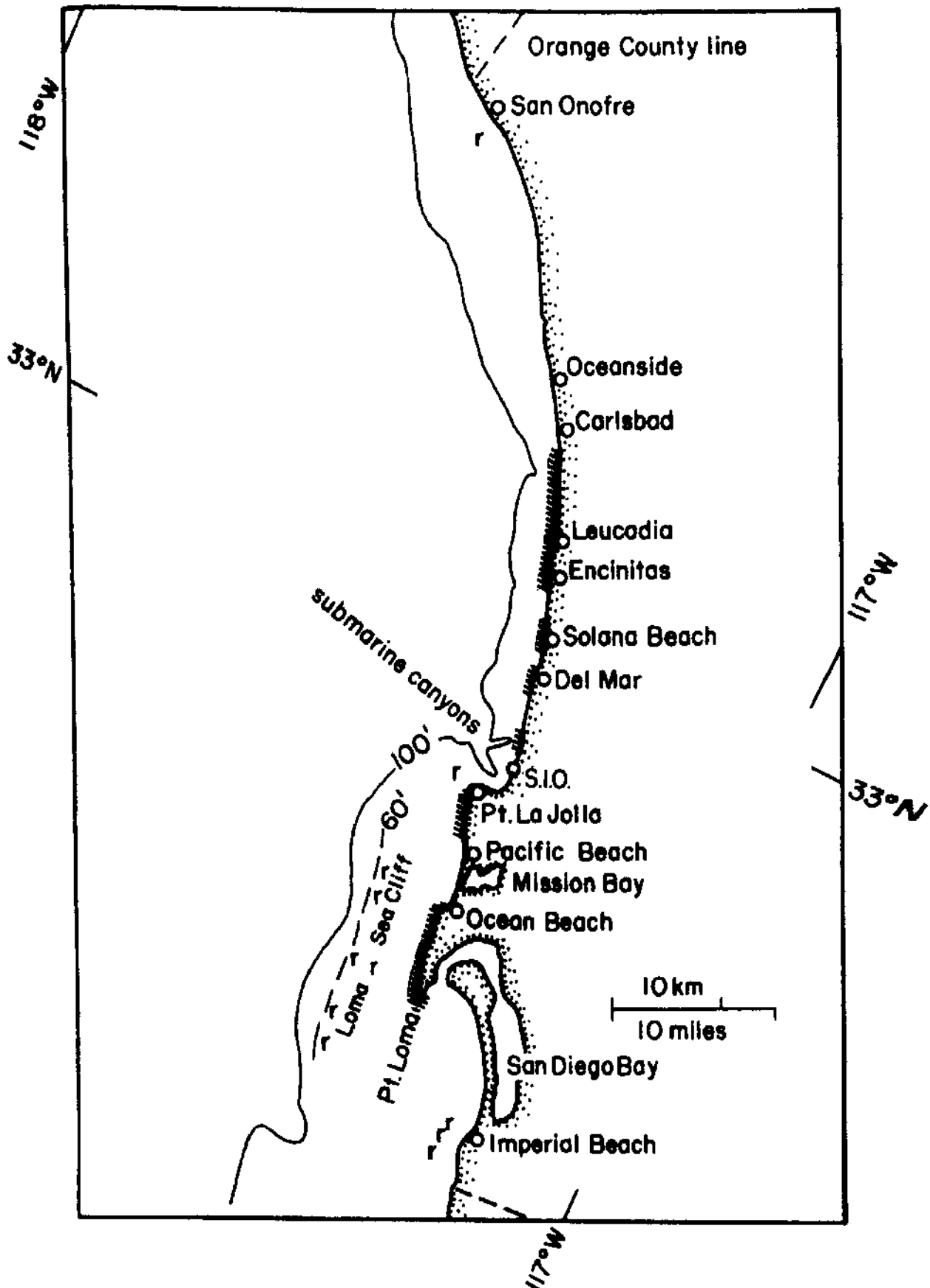


Figure 1. San Diego County. Rocky intertidal beaches [hatched] and subtidal sites [r].