

Attachment I - Significant Marine Species

A. Algae

(1. a) Sheltered Bayhead Beach
(Maynard Cove)

substrate of
(sandy mud, cobble, rock fragments)

- *Ulva*
- *Monostroma*
- *Costaria costata*
- *Desmarestia aculeata*
- *Rhodomenia palmata*
- *Rhodomenia pertusa*
- Diatoms (abundant)

- (Low to Sub Tidal)
- *Ceramium*
 - *Polysiphonia hendryi*
 - *Porphyra miniata*
 - Marine sea grasses

(1. b) Sheltered Headlands (solid rock substrate)
(typical Victoria shore flora)

- *Porphyra*
- *Endocladia*
- *Ulva*
- *Monostroma*
- *Fucus*
- *Corallines*

- *Ceramium*
- *Polysiphonia hendryi*

2. Rip Current Channels (substrate of sandy mud and large boulders)

A. North-South Channel

- *Rhodomenia palmata*
- *Halosaccion*
- young *Nereocystis*
- *Fucus*

- *Porphyra*
- *Prionitis*

B. East-West Channel

- *Nereocystis leuktaena*
- *Laminaria saccharina*
- *Cymathere triplicata*
- *Costaria costata*
- *Hedophyllum sessile*
- *Spongomorpha coalita*
- *Iridaea*
- *Gigartina exasperata*
- *Corallina*
- *Bossiella*

- *Lithothamnium*
- *Petrocelis*
- *Gigartina papillata*
- *Fucus*
- *Ulva*
- *Monostroma*
- *Microcladia borealis*
- *Endocladia*
- *Cloiopeltis furcata*
- *Cloiopeltis muricata*
- *Bangia*
- *Porphyra*

3. Tidepools (substrate of solid rock and fragments)

- A. Lower - *Lithothamnium*
 - *Bossiella*
 - *Corallina*
 - *Ulva*
 - *Iridaea*

- B. Upper - *Prionitis*
 - *Hildenbrandia*

B. Invertebrata

Echinoderms

A. Asteroids

Pisaster ochraceus
Leptasterias hexactis
Henricia leviuscula

B. Echinoids

Strongylocentrotus drobachiensis
Strongylocentrotus franciscanus
Strongylocentrotus purpuratus

C. Ophiuroids

Ophiopholis aculeata
Axiognathus (Amphipholis) squamata
Axiognathus (Amphipholis) pugetana
Amphiodia occidentalis

D. Holothurians

Psolus chitonoides
Cucumaria miniata
Eupentacta quinquesemita
Parastichopus californicus
Psolidium bulletum

Chlorophyta

Ulva sp.

Rhodymenia pertusa

Rhodoptilum plumosa

Phaeophyta

Agarum fimbriatum

Colpomenia sp.

Costaria costata

Desmarestia intermedia

Desmarestia ligulata

Desmarestia viridis

Laminaria saccharina + L. Sp.

Nereocystis luetkana

Vascular Plant

Zostera marina with Hollenbergia sp.
epiphytic

Rhodophyta

Botryoglossum farlowianum

Callophyllis flabellulata + C.sp.

Ceramium sp.

Constantinea subilifera

Cryptonemia sp.

Cryptopleura sp.

Dilsea californica

Gigartina exasperata + G.sp.

Gracilaria verrucosa

Gymnogongrus leptophyllus
Hollenbergia

Iridaea

Laurencia spectabilis

Neogardhiella baileyi

Odonthalia floccosa

Odonthalia washingtoniensis

Opuntiella californica

Palmaria palmata

Plocamium coccineum var. pacificum

Plocamium tenue

Plocamium violaceum

Polyneura latissima

Polysiphonia sp.

Porphyra sp.

Prionitis lanceolata
Pterosiphonia dendroidea

Rhodymenia californica

Marine flora of E.R. #66 Ten Mile Point See A. Stewart 1977

- # of samples
- Chlorophyta ↓
- Ulva sp. ~~||||~~ |
- Rhodysmenia palmata |
Rhodymenia pertusa ||
Rhodoptilum plumosa |
- Phaeophyta
- Agarum fimbriatum |
- Colpomenia sp. |
- Costaria costata ~~||||~~
- Desmarestia intermedia ~~||||~~ ||
- Desmarestia ligulata ~~||||~~
- Desmarestia viridis |||
- Laminaria saccharina + L. sp. |
L. " sp. ~~||||~~ |||
- Nereocystis luetkana ||
- Vascular Plant
- Zostera marina with Hollenbergia sp. epiphytic
- Rhodophyta
- Botryoglossum farlowianum |
- Callophyllis flabellulata + C. sp. - |||
- Ceramium sp. ~~||||~~ |
- Constantinea subulifera ||
- Cryptonemia sp. |
- Cryptopleura sp. |
- Dilsea californica |
- Gigartina exasperata + G. sp. - |||
- Gracilaria verrucosa |
- Gymnogongrus leptophyllus |
- Hollenbergia |
- Iridaea |||
- Laurencia spectabilis |||
- Neogardhiella baileyi ||
- Odonthalia floccosa ~~||||~~ |
- Odonthalia washingtoniensis |
- Opuntiella californica |||
- Palmaria palmata ||
- Plocamium coccineum var. pacificum ||
- Plocamium tenue ~~||||~~ |
- Plocamium violaceum ~~||||~~ |
- Polyneura latissima ||
- Polysiphonia sp. hendreyi |||
- Porphyra sp. minima |
- Prionitis lanceolata ||
- Pterosiphonia dendroidea ||
- Rhodysmenia californica californica |

E.R.#66 - from IBP

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all
Bisgrove 1982

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