

CHECKLIST
of
THE MARINE ALGAE OF OREGON

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The original concept was that of a checklist of all the macrophytic marine algae. By the term macrophytic is intended individual plants large enough to be distinguished by the unaided eye in the field. This distinction becomes difficult to maintain when one considers "colonial" types such as Collinsiella, unicellular forms such as Codiolum or Chlorochytrium forms or even multicellular but essentially hidden endophytes as Endophyton, Myrionema or Compsonema.

Certain arbitrary decisions have been made. Unicellular motile forms, such as Dunaliella, Tetraselmis and all of the Diatoms have been omitted. The Cyanophyta (blue-green algae) have been omitted simply because so little information is available. Hopefully, in the near future it will be possible to compile an addendum containing all or some major part of the omitted information.

An effort has been made to construct this list to provide the maximum amount of information in the briefest possible format. The names of the entities are listed alphabetically under each genus and the genera are arranged in alphabetic order. The great majority of the entities named have had their occurrence recorded repeatedly. In a few cases a brief note indicates that a species has not been reported since an early record. The names of entities whose discontinuous distribution in California and Washington indicates the great probability of their eventual discovery in Oregon are preceded by an asterisk. Names used in commonly available manuals and floristic list, that have been reduced to synonymy, are listed enclosed in parentheses and followed by the legitimate epithet.

As the list presently stands, it contains the names of 72 entities in the Chlorophycophyta, 82 entities in the Phaeophycophyta and 213 in the Rhodophycophyta for a total of 367 entities.

DIVISION CHLOROPHYCOPHYTA
(Chlorophyta or Green Algae)

BLIDINGIA

- B. minima (Nägeli) Kylin var. minima, 1947.
(Enteromorpha minima)
B. minima var. subsalsa (Kjellman) Scagel, 1957.
(Enteromorpha minima var. subsalsa)

BRYOPSIS

- B. corticulans Setchell in Collins, Holden & Setchell, 1899.
B. hypnoides Lamouroux, 1804.
Scagel believes the correct name to be B. plumosa
(Hudson) C. A. Agardh, 1822. It is very possible
there is only one entity, B. corticulans, in our flora.

CHAETOMORPHA

- C. tortuosa (Dillwyn) Kützinger, 1849.
(Rhizoclonium tortuosum)
= ?C. cannabina (Areschoug) Kjellman, 1889.
C. aerea (Dillwyn) Kützinger, 1849.

CHLOROCHYTRIUM

- C. inclusum Kjellman, 1883.
C. porphyrae Setchell & Gardner in Gardner, 1917.

CLADOPHORA

- C. gracilis (Griffiths) Kützinger, 1845.
C. hemispherica Gardner apud Collins, 1918.
C. microcladiodes Collins, 1909.
C. trichotoma (C. A. Agardh) Kützinger, 1849.

CODIOLUM

- C. gregarium A. Braun, 1855.
C. petrocelidis Kuckuck, 1894.

CODIUM

- C. fragile (Suringar) Hariot, 1889.
C. setchellii Gardner, 1919.

COLLINSIELLA

- C. tuberculata Setchell & Gardner, 1903.
This is probably a stage in the life history of
Enteromorpha intestinalis (see Scagel, 1970).

DERBESIA

- D. marina (Lyngbye) Solier, 1847.
Diploid stage of Halicystis ovalis

ENDOPHYTON

- E. ramosum Gardner, 1909.

ENTEROMORPHA

- E. ahlneriana Bliding, 1944
E. angusta (Setchell & Gardner) Doty, 1947
 (Ulva angusta)
E. clathrata (Roth) Geville, 1830.
E. compressa (L.) Greville, 1830.
 *E. crinita (Roth) J. G. Agardh, 1883.
E. intestinalis (L.) Link var. intestinalis, 1820.
E. intestinalis var. cylindracea J. G. Agardh, 1883.
E. linza (L.) J. G. Agardh, 1883.
 (Ulva linza)
 *E. marginata J. G. Agardh, 1842.
E. minima Nägeli in Kutzing, 1849.
E. minima var. subsalsa (Kjellman) Doty, 1947.
E. prolifera (Muller) J. G. Agardh, 1883.
E. prolifera var. flexuosa (Wulfen) Doty, 1947.
 *E. torta (Mertens) Reinbold, 1893.
E. tubulosa Kutzing, 1856.
E. vexata (Setchell & Gardner) Doty, 1947.
 (Ulva vexata)

ENTOCLADIA

- E. codicola Setchell & Gardner, 1920.
E. viridis Reinke, 1879.

GAYELLA

- (G. constricta Setchell & Gardner, 1917.)
 = Rosenvingiella

GOMONTIA

- G. polyrhiza (Lagerheim) Bornet & Flahault, 1888.

HALICYSTIS

- H. ovalis (Lyngbye) Areschoug, 1850.
 Haploid stage of Derbesia marina.

HORMIDIUM

H. rivulare Kützting, 1845.

This freshwater species was reported by Doty from pilings in Winchester Bay.

LOLA

L. lubrica (Setchell & Gardner) A. & G. Hamel, 1929.

MONOSTROMA

M. fuscum (Postels & Ruprecht) Wittrock f. fuscum, 1866.

M. oxyspermum (Kützting) Doty, 1947.

M. zostericola Tilden, 1900.

PERCURSARIA

*P. percursa (C. A. Agardh) Bory, 1828.

PRASINOCCLADUS

P. lubricus Kuckuck, 1894.

PRASIOLA

P. meridionalis Setchell & Gardner, 1920.

Records of this species probably refer to specimens of Enteromorpha (Ulva) vexata.

PSEUDODICTYON

P. geniculatum Gardner, 1909.

PSEUDUVELLA

P. consociata Setchell and Gardner, 1920.

RHIZOCLONIUM

R. implexum (Dillwyn) Kützting, 1845.

This is probably a small form of R. riparium.

R. riparium (Roth) Harvey, 1859.

(R. tortuosum (Dillwyn) Kützting, 1845)

= Chaetomorpha tortuosa

ROSENVINGIELLA

*R. constricta (Setchell & Gardner) Silva, 1957.

Probably a stage in the growth of Prasiola meridionalis.

SPONGOMORPHA

- S. arcta (Dillwyn) Kützing, 1849.
S. coalita (Ruprecht) Collins, 1909.
 *S. mertensii (Ruprecht) Setchell & Gardner, 1920.
 *S. saxatilis (Ruprecht) Collins, 1909.
S. spinescens Kützing, 1849.

TRENTEPOHLIA

- T. sp.

ULOTHRIX

- U. flacca (Dillwyn) Thuret in Jolis, 1863.
U. implexa Kützing, 1849.
 Wormersley says plants ordinarily reported under
 this name should be called U. pseudoflacca Wille.
U. laetevirens (Kützing) Collins, 1909.

ULVA

- (U. angusta Setchell & Gardner, 1920)
 = Enteromorph angusta (Setchell & Gardner) Doty, 1947.
U. californica Wille in Collins, Holden and Setchell, 1849.
U. expansa (Setchell) Setchell & Gardner, 1920.
U. fenestrata Postels & Ruprecht, 1840.
U. lactuca L. 1753.
 (U. linza L., 1753)
 = Enteromorpha linza
U. lobata (Kützing) Setchell & Gardner, 1920.
U. rigida C. A. Agardh, 1822.
U. stenophylla Setchell & Gardner, 1920.
U. taeniata (Setchell) Setchell & Gardner, 1920.
 (U. vexata Setchell & Gardner, 1920)
 = Enteromorpha vexata

UROSPORA

- U. doliifera (Setchell & Gardner) Doty, 1947.
U. grandis Kylin, 1907.
U. mirabilis Areschoug var. mirabilis, 1866.
 (U. penicilliformis (Roth) Areschoug, 1866)
 = U. mirabilis
U. wormskildii (Mertens) Rosenvinge, 1893.

DIVISION PHAEOPHYCOPHYTA
(Phaeophyta or Brown Algae)

AGARUM

- *A. fimbriatum Harvey, 1862.

ALARIA

- A. marginata Postels & Ruprecht, 1840.
A. nana Schrader, 1903.

COILODESME

- C. bulligera Stömfelt, 1886.
C. californica (Ruprecht) Kjellman, 1889.

COLPOMENIA

- C. sinuosa (Roth) Derbès & Solier f. sinuosa, 1856.
C. sinuosa f. tuberculata (Saunders) Setchell & Gardner, 1903.

COMPSONEMA

- C. secundum Setchell & Gardner, 1922.
C. sessile Setchell & Gardner, 1922.

COSTARIA

- C. costata (Turner) Saunders, 1895.
C. mertensii J. G. Agardh, 1848.

CYTOSEIRA

- C. geminata C. A. Agardh, 1824.
Reports of this species are probably based on
early occurrences of Sargassum muticum.
C. osmundacea (Menzies) C. A. Agardh, var. osmundacea 1820.

DESMARESTIA

- D. herbacea Lamouroux, 1813.
- D. intermedia Postels & Ruprecht, 1840.
- D. latifrons (Ruprecht) Kützinger, 1859.
- D. munda Setchell & Gardner, 1924.
- *D. viridis (Muller) Lamouroux, 1813.

DICTYONEURUM

- D. californicum Ruprecht, 1852.

DICTYOSIPHON

- D. chordaria Areschoug in Saunders, 1898.

DICTYOTA

- D. flabellata (Collins) Setchell & Gardner, 1924.

ECTOCLARPUS

- E. acutus Setchell & Gardner var. acutus, 1922.
- E. acutus var. haplogloiae Doty, 1947.
- E. confervoides (Roth) Le Jolis f. confervoides, 1863.
- E. confervoides var. pygmaeus (Areschoug) Kjellman, 1890.
- E. corticulans Saunders, 1898.
- (E. cylindricus Saunders, 1848)
- = Feldmannia cylindricus
- E. dimorphus Silva, 1957.
- (E. granulosus (J. E. Smith) (C. A. Agardh, 1928))
- = Giffordia granulosa
- E. mucronatus Saunders, 1898.
- (E. oviger Harvey, 1862)
- = Giffordia oviger
- E. pygmaeus Areschoug apud Kjellman, 1872.
- E. siliculosus (Dillwyn) Lyngbye, 1819.
- E. terminalis Kützinger, 1845.
- E. tomentosus (Hudson) Lyngbye, 1819.
- E. variabilis (Saunders) G. M. Smith, 1942.

EGREGIA

- E. menziesii (Turner) Areschoug subsp. menziesii, 1876.

ELACHISTEA

- E. fucicola (Vellay) Areschoug, 1842.

EUDESME

E. virescens (Carmichael) J. G. Agardh, 1880.

FELDMANNIA (Ectocarpus p.p.)

F. cylindricus (Saunders) Hollenberg and Abbott, 1966.

FUCUS

F. distichus subsp. edentatus (De La Pylaie) Powell, 1951.

F. distichus subsp. edentatus f. abbreviatus (Gardner)
Hollenberg & Abbott, 1966.

F. evanescens C. A. Agardh f. evanescens, 1820.

F. evanescens f. oregonensis Gardner, 1922.

F. evanescens f. robustus Setchell & Gardner, 1903.

(F. furcatus C. A. Agardh, 1820)

= Fucus disticus subsp. edentatus

(F. furcatus f. abbreviatus Gardner, 1922)

= F. distichus subsp. edentatus f. abbreviatus

(F. gardneri Silva, 1953)

= F. distichus subsp. edentatus

GIFFORDIA

G. granulosa (J. E. Smith) Hamel, 1939.

(Ectocarpus granulosus)

G. oviger (Harvey) Hollenberg & Abbott, 1966.

(Ectocarpus oviger)

HAPLOGLOIA

H. andersonii (Farlow) Levering, 1939.

HECATONEMA

H. variable Setchell & Gardner, 1922.

HEDOPHYLLUM

H. sessile (C. A. Agardh) Setchell in Collins, Holden
and Setchell, 1899.

H. subsessile (Areschoug) Setchell in Collins, Holden
and Setchell, 1899.

HETEROCHORDARIA

H. abientina (Ruprecht) Setchell & Gardner, 1924.

ILEA

- (Ilea fascia (Muller) Fries, 1835)
= Petalonia debilis f. debilis

LAMINARIA

- (L. andersonii Eaton ex. Farlow, 1876)
= Laminaria setchellii
L. cuneifolia J. G. Agardh f. cuneifolia, 1867.
L. ephemera Setchell, 1901.
L. saccharina Lamouroux f. saccharina, 1813.
L. saccharina f. membranacea J. G. Agardh, 1867.
L. setchellii Silva, 1957.
(L. andersonii)
L. sinclairii (Harvey ex Hooker f. et Harvey) Farlow,
Anderson & Eaton, 1878.

LEATHESIA

- L. difformis (L.) Areschoug, 1847.
L. nana Setchell & Gardner, 1924

LESSONIOPSIS

- L. littoralis (Farlow and Setchell) Reinke, 1903.

MACROCYSTIS

- M. integrifolia Bory, 1826.
(*M. pyrifera (L.) C. A. Agardh, 1820)
H. B. S. Womersley states that reports of this
species resulted from a misunderstanding of the
specific characters.

MELANOPHYCUS

- M. intestinalis Saunders, 1901.

MYRIONEMA

- M. corunnae var. sterile Setchell & Gardner, 1922.
*M. foecundum (Strömfelt) Foslie, 1894.
*M. globosum f. affine Setchell & Gardner, 1922.
M. phyllophilum Setchell & Gardner, 1922.
*M. strangulans Greville, 1927.

NEREOCYSTIS

- N. luetkeana (Mertens) Postels & Ruprecht, 1840.

PELVETIA

- *P. fastigiata (J. G. Agardh) DeToni, 1895.

PELVETIOPSIS

P. limitata (Setchell) Gardner f. limitata, 1913.

PETALONIA

P. debilis (C. A. Agardh) Derbès et Solier f. debilis, 1850.
(Ilea fascia)

PHAEOSTROPHION

P. irregulare Setchell & Gardner, 1924.

PLEUROPHYCUS

P. gardneri Setchell and Saunders in Saunders, 1901.

POSTELSIA

P. palmaeformis Ruprecht, 1852.

PTERYGOPHORA

P. californica Ruprecht, 1852.

PUNCTARIA

P. hesperia Setchell & Gardner, 1924.

PYLAIELLA

P. gardneri Collins in Collins, Holden & Setchell, P. B. A. No. 1384.
P. littoralis (L.) Kjellman, 1872.
P. tenella Setchell & Gardner, 1922.
P. unilateralis, Setchell & Gardner, 1922.

RALFSIA

R. fungiformis (Gunnerus) Setchell & Gardner, 1924.
R. pacifica Hollenberg in G. M. Smith, 1944.

SARGASSUM

S. muticum (Yendo) Fensholt, 1955.

SCYTOSIPHON

S. attenuatus (Foslie) Doty, 1947.
S. bullosus Saunders, 1898.
S. complanatus (Rosenvinge) Doty, 1947.
S. lomentaria (Lyngbye) J. G. Agardh f. lomentaria, 1848.

SORANTHERA

S. ulvoidea Postels & Ruprecht f. ulvoidea, 1840.

SPHACELARIA

S. racemosa Greville, 1824.

S. subfusca Setchell & Gardner, 1924.

STICTYOSIPHON

S. tortilis (Ruprecht) Reinke, 1889.

STREBLONEMA

S. aecidoides var. pacificum Setchell & Gardner, 1922.

S. myrionematoides Setchell & Gardner, 1922.

S. vorax Setchell & Gardner, 1922.

DIVISION RHODOPHYCOPHYTA
(Rhodophyta or Red Algae)

ACROCHAETIUM

A. desmarestiae Kylin, 1925.

*A. macounii (Collins) Hamel, 1928.

A. pacificum, Kylin, 1925.

*A. rhizoideum (Drew) Jao, 1937.

A. subimmersum (Setchell & Gardner) Papenfuss, 1945.

*A. vagum (Drew) Jao, 1937.

A. variable (Drew) Smith, 1944.

AEODES

A. gardneri Kylin, 1925.

AGARDHIELLA

(A. coulteri (Harvey) Setchell, P.B.A. No. 333)
= A. tenera

A. tenera (J. G. Agardh) Schmitz, 1889.

AHNFELTIA

- A. concinna J. G. Agardh, 1847.
 (A. gigartinoides)
 Hollenberg and Abbott believe the proper epithet for this entity should be A. gigartinoides, an Atlantic species. A. concinna was described from Hawaii.
 (A. gigartinoides J. G. Agardh, 1847.)
 = A. concinna
A. plicata (Hudson) Fries, 1835.

AMPLISIPHONIA

- A. pacifica Hollenberg, 1939.

ANTITHAMNION

- A. baylesii Gardner, 1927.
A. defectum Kylin, 1925.
A. densiusculum Gardner, 1927.
A. glanduliferum Kylin, 1925.
A. kylinii Gardner, 1927.
A. occidentale Kylin, 1925.
A. pacificum (Harvey) Kylin, 1925.
A. pygmaeum Gardner, 1927.
A. subulatum (Harvey) J. G. Agardh, 1892.
A. tenuissimum Gardner, 1927.
A. uncinnatum Gardner, 1927.

BANGIA

- B. fuscopurpurea (Dillwyn) Lyngbye, 1819.
B. vermicularis Harvey, 1858.

BONNEMAISONIA

- *B. nootkana (Esper) Silva, 1953.
 (Pikea nootkana)

BOSSEA

- (B. californica (Decaisne) Manza, 1937).
 = Bossiella californica
 (B. corymbifera Manza, 1937).
 = Bossiella corymbifera
 (B. dichotoma Manza, 1937).
 = Bossiella dichotoma
 (B. orbigniana (Decaisne) Manza, 1937).
 = Bossiella orbigniana
 (B. plumosa Manza, 1937).
 = Bossiella plumosa

BOSSIELLA

- B. californica (Decaisne) Silva, 1957.
 (Bossea californica)
B. corymbifera (Manza) Silva, 1957.
 (Bossea corymbifera)
 *B. dichotoma (Manza) Silva, 1957.
 (Bossea dichotoma)
B. frondescens (Postels & Ruprecht) Dawson, 1964.
 (Bosiella plumosa)
 (Bossea plumosa)
B. orbigniana (Manza) Silva, 1957.
 (Bossea orbigniana)
 (B. plumosa (Manza) Silva, 1957.)
 = Bosiella frondescens

BOTRYOGLOSSUM

- B. farlowianum (J. G. Agardh) De Toni, 1900.
B. ruprechtiana (J. G. Agardh) De Toni, 1900.
 (Cryptopleura ruprechtiana)

BRANCHIOGLOSSUM

- *B. woodii (J. G. Agardh) Kylin, 1924.

CALLIARTHRON

- C. regenerans Manza, 1937.
 = ?C. tuberculosum according to Hollenberg & Abbott
C. schmittii Manza, 1937.
C. tuberculosum (Postels & Ruprecht) Dawson, 1964.
 = ?C. regenerans

CALLITHAMNION

- *C. biserialatum Kylin, 1925.
C. laxum Setchell & Gardner, in Gardner, 1927.
 (C. pikeanum var. laxum)
 (C. pikeanum var. laxum (Setchell & Gardner) Doty, 1947).
C. pikeanum var. pacificum (Harvey) Setchell & Gardner
 in Gardner, 1927.
C. pikeanum Harvey var. pikeanum, 1853.

CALLOPHYLLIS

- C. crenulata Setchell, 1923.
C. edentata Kylin, 1925
 *C. firma (Kylin) Norris, 1957.
C. flabellulata Harvey, 1862.
C. haenophylla Setchell, 1923.

One collection reported by Doty, 1947.

- C. marginifructa Setchell & Swezy apud Setchell, 1923
C. megalocarpa Setchell & Swezy apud Setchell, 1923
C. pinnata Setchell & Swezy apud Setchell, 1923
 *C. tompsonii Setchell, 1923
C. violacea J. G. Agardh, 1885

CALLOCOLAX

- *C. globosum Dawson, 1945

CERAMIUM

- C. californicum J. G. Agardh, 1894
C. codicola J. G. Agardh, 1894
C. eatonianum (Farlow) DeToni, 1903
C. gardneri Kylin, 1941
C. pacificum (Collins) Kylin, 1925
C. washingtoniensis, Kylin, 1925

CHOREOCOLAX

- *C. polysiphoniae Reinsch, 1875

CONSTANTINEA

- C. simplex Setchell, 1901

CORALLINA

- C. chilensis Dechaisne apud Harvey, 1847
 (C. densa (Collins) Doty, 1947) = C. vancouveriensis
C. gracilis var. densa Collins, 1906 = C. vancouveriensis
 (C. officionalis var. chilensis (Harvey) Kützinger, 1858
 = C. chilensis)
 *C. pilulifera Postels & Ruprecht, 1840
C. vancouveriensis Yendo, 1902 = Doty and others as C. densa.

CRYPTONEMIA

- C. borealis Kylin, 1925
C. ovalifolia Kylin, 1941
C. obovata J. G. Agardh, 1876

CRYPTOPLEURA

- C. brevis Gardner, 1927
C. crispa Kylin, 1924
 (C. ruprechtiana (J. G. Agardh) Kylin, 1924)
 = Botryoglossum ruprechtiana
C. violacea (J. G. Agardh) Kylin, 1924

CRYPTOSIPHONIA

C. woodii J. G. Agardh, 1876

CUMAGLOIA

C. andersonii (Farlow) Setchell & Gardner, in Gardner, 1917

DASYOPSIS

*D. plumosa (Harvey & Bailey) Schmitz, 1893

DELESSERIA

D. decipiens J. G. Agardh, 1872

DERMATOLITHON

D. dispar (Foslie) Foslie, 1909
(Fosliella dispar)

DILSEA

D. californica (J. G. Agardh) O. Kuntze, 1891

ENDOCLADIA

E. muricata (Postels & Ruprecht) J. G. Agardh, 1847

ERYTHROCLADIA

E. irregularis Rosenvinge, 1909
E. subinteger Rosenvinge, 1907

ERYTHROGLOSSUM

?E. californicum J. G. Agardh, 1898
Not reported since Doty, 1947

ERYTHROPHYLLUM

E. delesseriodes J. G. Agardh, 1872
E. splendens Doty, 1947
Not reported since Doty recorded two specimens from Cape Arago.

ERYTHROTRICHIA

E. pulvinata Gardner, 1927
E. welwitschii (Ruprecht) Batters, 1902

FARLOWIA

- *F. compressa J. G. Agardh, 1876
- F. crassa J. G. Agardh, 1876
Doty believed this to be a growth
form of F. mollis
- F. mollis (Harvey & Bailey) Farlow & Setchell, 1901

FAUCHEA

- F. laciniata J. G. Agardh, 1884

FAUCHEACOLAX

- *F. attenuata Setchell, 1923

FOSLIELLA

- (F. dispar (Foslie) Smith, 1944)
= Dermatolithon dispar

FRYEELA

- F. gardneri (Setchell) Kylin, 1931

GASTROCLONIUM

- G. coulteri (Harvey) Kylin, 1931

GELIDIUM

- (G. caloglossoides Howe, 1914)
= Pterocladia caloglossoides
- (G. cartilagineum var. robustum Gardner, 1927)
= G. robustum
- G. coulteri Harvey 1853
- *G. crinale (Turner) Lamouroux, 1825
- G. pulchrum Gardner, 1927
- G. pusillum (Stackhouse) LeJolis, 1863
- *G. robustum (Gardner) Hollenberg & Abbott, 1965
- (G. cartilagineum var. robustum)
- G. sinicola Gardner, 1927

GIGARTINA

- ?G. agardhii Setchell & Gardner, 1933
Identification of numerous specimens from
Oregon given this name has not been confirmed.
- G. binghamiae J. G. Agardh, 1899
- G. californica J. G. Agardh, 1899
- G. canaliculata Harvey, 1841
- *G. corymbifera (Kützting) J. G. Agardh, 1871
- G. cristata (Setchell) Setchell & Gardner, 1933
- G. exasperata Harvey & Bailey, 1851
- G. mamillosa (Goodenough & Woodward) J. G. Agardh, 1851
- G. papillata (C. A. Agardh) J. G. Agardh in C. A. Agardh, 1846
- G. volans (C. A. Agardh) J. G. Agardh in C. A. Agardh, 1846

GLOIOPELTIS

G. furcata (Postels & Ruprecht) J. G. Agardh, 1851

GLOIOSIPHONIA

G. californica (Farlow) J. G. Agardh, 1885
G. verticillaris Farlow, 1889

GONIMOPHYLLUM

*G. skottsbergii Setchell, 1923

GONIOTRICHUM

*G. cornu-cervi (reinsch) Hauck, 1885
 *G. elegans (Chauvin) Zauardini, 1847

GRACILARIA

(G. sjoestedtii Kylin, 1930)
 = Gracilariopsis sjoestedtii
G. verrucosa (Hudson) Papenfuss, 1950

GRACILARIOPHILA

G. oryzoides Setchell & Wilson apud Wilson, 1910

GRACILARIOPSIS

G. sjoestedtii (Kylin) Dawson, 1949
 (Gracilaria sjoestedtii)

GRATELOUPIA

(G. californica Kylin, 1941)
 = G. doryphora
G. doryphora (Montagne) Howe, 1914
 (G. californica)
 ?G. maxima (Gardner) Kylin, 1941
 Reported by Doty on 3 specimens
G. setchellii Kylin, 1941

GRIFFITHSIA

G. pacifica Kylin, 1927

GYMNOGONGRUS

G. linearis (Turner) J. G. Agardh, 1851
G. platyphyllus Gardner, 1927

HALOSACCION

H. glandiforme (Gmelin) Ruprecht, 1851

HALYMENIA

*H. californica Smith and Hollenberg, 1943.

?H. schizymenioides Hollenberg & Abbott, 1966

Distribution north of Monterey Peninsula in question

HERPOSIPHONIA

?H. grandis Kylin, 1925

Reported by Sanborn & Doty but not listed
by Doty, 1947.

H. parva Hollenberg, 1943

(H. pygmaea Hollenberg apud Smith, 1944)

= H. parva

H. rigida Gardner, 1927

HILDENBRANDTIA

H. occidentalis Setchell in Gardner, 1917

*H. prototypus Nardo, 1834

*H. rosea Kutzing, 1843

HOLMESIA

H. californica (Dawson) Dawson, 1945

HYMENENA

H. cuneifolia Doty, 1947

H. flabelligera (J. G. Agardh) Kylin, 1924

H. kylinii Gardner, 1927

H. multiloba (J. G. Agardh) Kylin, 1935

H. setchellii Gardner, 1927

H. smithii Kylin, 1941.

IRIDEA

I. cordata (Turner) Bory, 1826

(Iridophycus cordatum)

I. coriacea (Setchell & Gardner) Scagel, 1957

(Iridophycus coriaceum)

I. flaccida (Setchell & Gardner) Hollenberg & Abbott, 1966

(Iridophycus flaccidum)

I. heterocarpa Postels & Ruprecht, 1840

(Iridophycus heterocarpum)

I. lineare (Setchell & Gardner) Kylin, 1941

(Iridophycus lineare)

IRIDEA (Continued)

- I. splendens (Setchell & Gardner) Papenfuss, 1958
(Iridophycus splendens)
- I. whidbeyana (Setchell & Gardner) Scagel, 1957
(Iridophycus whidbeyana)

IRIDOPHYCUS

See IRIDEA

Iridophycus fulgens Setchell & Gardner, 1937

Unreported since Doty, 1947.

Iridophycus oregona Doty, 1947

Nor reported since first described

?Iridophycus parvulum (Kjellman) Setchell & Gardner, 1937

Unreported since Doty, 1947

JANCZEWSKIA

J. gardneri Setchell & Guernsey apud Setchell, 1914

JOCULATOR

?J. delicatulus Doty, 1947

This new species has been unreported since its description by Doty, 1947

KYLINIA

*K. arcuata (Drew) Kylin, 1944

LAURENCIA

L. spectabilis Postels & Reprecht, 1840

LITHOPHYLLUM

*L. decipiens (Foslie) Foslie, 1900

(L. conchatum Setchell & Foslie apud Foslie, 1902)
= Polyporolithon conchatum

L. pacificum Foslie, 1906

(L. parcum Setchell & Foslie apud Foslie, 1907)
= Polyporolithon parcum

*L. phymatodeum Foslie, 1902

(L. reclinatum Foslie, 1907)
= Polyporolithon reclinatum

LITHOTHRIX

*L. aspergillum Gray, 1867

LOPHOSIPHONIA

L. villum (J. G. Agardh) Setchell & Gardner, 1903

MELOBESIA

M. marginata Setchell & Foslie in Foslie, 1902

M. mediocris (Foslie) Setchell & Mason, 1943

MEMBRANOPTERA

M. dimorpha Gardner, 1926

M. multiramosa Gardner, 1926

M. platyphylla (Setchell & Gardner) Kylin, 1924

*M. weeksiae Setchell & Gardner apud Gardner, 1926

MICROCLADIA

M. borealis Ruprecht, 1851

M. coulteri Harvey, 1853

MYRIOGRAMME

M. spectabilis (Eaton) Kylin, 1924

NEMALION

*N. elminthoides (Velley) Batters, 1902
 In Smith, 1944 as N. lubricum
 (N. lubricum Duby, 1830)
 = N. elmithoides

NIENBERGIA

*N. borealis (Kylin) Kylin, 1935
 The respective distributions of N. andersonii,
 reported by Doty, 1947 and N. borealis make it
 probable the plant in question was N. boreale
N. andersonii (J. G. Agardh) Kylin, 1935
 (See N. boreale)

ODONTHALIA

O. floccosa (Esper) Falkenberg, 1901
O. lyallii (Harvey) J. G. Agardh, 1863
O. oregona Doty, 1947
O. washingtoniensis Kylin, 1925

OPUNTIELLA

O. californica (Farlow) Kylin, 1925

PETROCELLIS

P. franciscana Setchell & Gardner apud Gardner, 1917

PEYSSONIELLA

P. pacifica Kylin, 1925

PHYCODYS

P. setchellii Skottsberg, 1922
 Not reported since Doty, 1947

PIKEA

P. californica Harvey, 1953
 (P. nootkana (Esper) Doty, 1947
 = Bonnemaisonia nootkana
P. pinnata Setchell in Collins, Holden & Setchell, 1899

PLATYSIPHONIA

*P. clevelandii (Farlow) Papenfuss, 1944
 ?P. heteromorphum J. G. Agardh, 1892
 Other than Doty's record this species not
 reported north of San Francisco.

PLATYTHAMNION

- P. pectinatum Kylin, 1925
P. reversum (Setchell & Gardner) Kylin, 1952
P. villosum Kylin, 1925

PLEONOSPORIUM

- *P. vancouverianum J. G. Agardh, 1892

PLOCAMIUM

- P. coccineum var pacificum (Kylin) Dawson, 1961
 (P. pacificum)
P. oregonum Doty, 1947
 Unreported since 1947
(P. pacificum Kylin, 1925)
 = P. coccineum var. pacificum
P. tenue Kylin, 1925
 Not reported since Doty, 1947
P. violaceum Farlow, 1877

PLOCAMIOCOLAX

- P. pulvinata Setchell, 1923
 Unreported since Gardner

PLUMARIA

- (P. asplenioides (Turner) Doty, 1947)
 = Ptilota asplenioides
(P. californica (Ruprecht ex Harvey) Doty, 1947)
 = Ptilota californica
(P. densa (C. A. Agardh) Doty, 1947)
 = Ptilota densa
(P. filicina (Farlow) Doty, 1947)
 = Ptilota filicina
(P. hypnoides (Harvey) Doty, 1947)
 = Ptilota hypnoides
(P. tenuis (Kylin) Doty, 1947)
 = Ptilota densa

POLYCORYNE

- P. gardneri Setchell, 1923

POLYNEURA

- P. latissima (Harvey) Kylin, 1924

POLYPOROLITHON

- P. conchatum (Setchell & Foslie) Mason, 1953
 (Lithothamnion conchatum)
P. parcum (Setchell & Foslie) Mason, 1953
 (Lithothamnion parcum)
 *P. reclinatum (Foslie) Mason, 1953
 (Lithothamnion reclinatum)

POLYSIPHONIA

- (P. californica Harvey, 1853)
 = P. paniculata
 (P. collinsii Hollenberg, 1944)
 = P. hendryi var. gardneri
P. hendryi var. gardneri (Kylin) Hollenberg, 1961
 (P. collinsii)
P. hendryi Gardner var. hendryi, 1927
 *P. pacifica var. determinata Hollenberg, 1942
 *P. pacifica var. distans Hollenberg, 1942
 *P. pacifica var. disticha Hollenberg, 1942
 *P. pacifica var. gracilis Hollenberg, 1942
P. pacifica Hollenberg var. pacifica, 1942
P. paniculata Montagne, 1824
 (P. californica)
P. senticulosa Harvey, 1862
P. snyderi Kylin var. snyderi, 1941

PORPHYRA

- P. lanceolata (Setchell & Hus) G. M. Smith in
 Smith and Hollenberg, 1943
P. miniata var. cuneiformis Setchell & Hus apud Hus, 1900
 (P. naiadum Anderson apud Blankenship and Keeler, 1892)
 = Smithora naiadum
P. nereocystis Anderson in Blankenship and Keeler, 1892
P. occidentalis Setchell & Hus, apud Hus, 1900
P. perforata J. G. Agardh var. perforata, 1883
P. perforata f. segregata Setchell & Hus apud Hus, 1900
P. schizophylla Hollenberg apud Smith & Hollenberg, 1943
P. thuretii Setchell & Dawson apud Dawson, 1944
P. variegata (Kjellman) Hus, 1900

PORPHYRELLA

- P. gardneri Smith and Hollenberg, 1943

PRIONITIS

- ?P. andersonii Eaton in Farlow, 1875
 The distribution of this species north of central
 California is doubtful.
P. filiformis Kylin, 1941
 (Zanardinula filiformis)
P. lanceolata Harvey, 1853
 (Zanardinula lanceolata)

PRIONITIS (continued)

- P. linearis Kylin, 1941
Distribution north of central California unconfirmed.
- P. lyallii Harvey, 1862
(Zanardinula lyallii)

PSEUDOGLOIOPHLOEA

- P. confusa (Setchell) Levering in Svedelius, 1956

PTEROCLADIA

- P. caloglossoides (Howe) Dawson, 1953
(Gelidium caloglossoides)

PTEROCHONDRIA

- P. woodii (Harvey) Hollenberg, 1942

PTEROSIPHONIA

- P. bipinnata (Postels & Ruprecht) Falkenberg var.
bipinnata, 1901
- P. bipinnata var. robusta (Gardner) Doty, 1947
- P. dendroidea (Montagne) Falkenberg, 1901
- P. gracilis Kylin, 1925

PTEROGLOSSUM

- P. pacificum Hollenberg, 1943

PTILOTA

- P. californica Ruprecht ex Harvey, 1853
(Plumeria californica)
- P. densa C. A. Agardh, 1822
(Plumeria densa)
- P. filicina (Farlow) J. G. Agardh, 1876
(Plumeria filicina)
- P. hypnoides Harvey, 1833
(Plumeria hypnoides)
- P. pectinata (Gunner) Kjellman, 1889
Reported by Sanborn and Doty but not reported
by Doty 1947
- P. tenuis Kylin, 1925
(Plumeria tenuis)

PUGETIA

- P. fragilissima Kylin, 1925

SERRATICARDIA

*S. macmillani (Yendo) Silva, 1951

SMITHORA

S. niaidum (Anderson) Hollenberg, 1959
(Porphyra naiadum)

STENOGRAMME

(S. californica Harvey, 1841)
= S. interrupta
S. interrupta (C. A. Agardh) Montagne, 1846
(S. californica)

ZANARDINULA

(Z. andersonii (J. G. Agardh) Papenfuss, 1944
= Prionitis andersonii
(Z. filiformis (Kylin) Papenfuss, 1944
= Prionitis filiformis
Z. kylinii Doty, 1947
Unreported since the original description
(Z. lanceolata (Harvey) De Toni, 1936
= Prionitis lanceolata
(Z. lyallii (Harvey) De Toni, 1936
= Prionitis lyallii