



Washington Natural Heritage Program Working List of Marine Algae

This working list of rare marine algae was prepared by Dr. Thomas F. Mumford, with contributions from Dr. Sandra C. Lindstrom, Dr. Megan N. Dethier, Dr. Michael W. Hawkes and Dr. J. Robert Waaland. Taxonomy was updated in May 2012 by Dr. Mumford.

Phylum Chlorophyta

Species Name	Author	Global Rank
Codium ritteri	Setchell & N.L. Gardner	G4G5

Phylum Phaeophyta

Species Name	Author	Global Rank
Desmarestia tortuosa	A.R.O. Chapman	G1?
Dictyonium californicum	Ruprecht	G4G5
Laminaria farlowii	Setchell	G4G5
Laminaria longipes	Bory	G4
Laminaria sinclairii	(Harvey ex J.D. Hooker & Harvey) Farlow, Anderson & Eaton	G4
Postelsia palmaeformis	Ruprecht	G5
Saccharina complanata	(Setchell & N.L. Gardner) Gabrielson, Lindstrom & O'Kelly	GNR
Syringoderma abyssicola	(Setchell & N.L. Gardner) Levring	GNR

Phylum Rhodophyta

Species Name	Author	Global Rank
Antithamnion kylinii	N.L. Gardner	G3G4
Callithamnion bisporum	N.L. Gardner	GNR
Chiharaea silvae	(H.W. Johansen) Martone, S.C. Lindstrom, K.A. Miller & P.W. Gabrielson	G3
Fuscolium papenfussii	(V. Krishnamurthy) S.C. Lindstrom	GNR
Hollenbergia nigricans	(N.L. Gardner) Wollaston	G3
Mazzaella minima	(Hollenberg) P.W. Gabrielson	GNR
Odonthalia washingtoniensis	Kylin	GNR
Phycodrys fimbriata	(Kuntze) Kylin	GNR
Polysiphonia senticulosa	Harvey	GNR
Pyropia abbottiae	(V. Krishnamurthy) S.C. Lindstrom	GNR
Pyropia fallax	(S.C. Lindstrom & K.M. Cole) S.C. Lindstrom	GNR
Pyropia lanceolata	(Setchell & Hus) S.C. Lindstrom	GNR
Rhodophysema kjellmanii	G.W. Saunders & Clayden	GNR
Schizochlaenion rhodotrichum	M.J. Wynne & R.E. Norris	GNR
Tayloriella abyssalis	M.J. Wynne	G3
Thuretellopsis peggiana	Kylin	G2
Whidbeyella cartilaginea	Setchell & N.L. Gardner	G1
Wildemania variegata	De Toni	G5

Global Rank characterizes the relative rarity or endangerment of the element world-wide.

G1 = Critically Imperiled - At very high risk of extinction or elimination due to very restricted range, very few populations or occurrences, very steep declines, very severe threats, or other factors.

G2 = Imperiled - At high risk of extinction or elimination due to restricted range, few populations or occurrences, steep declines, severe threats, or other factors.

G3 = Vulnerable - At moderate risk of extinction or elimination due to a fairly restricted range, relatively few populations or occurrences, recent and widespread declines, threats, or other factors.

G4 = Apparently Secure - At fairly low risk of extinction or elimination due to an extensive range and/or many populations or occurrences, but with possible cause for some concern as a result of local recent declines, threats, or other factors.

G5 = Secure - At very low risk of extinction or elimination due to a very extensive range, abundant populations or occurrences, and little to no concern from declines or threats.

GH = Possibly Extinct - Known from only historical occurrences but still some hope of rediscovery.

GU = Unrankable - Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.

GX = Presumed Extinct - Not located despite intensive searches and virtually no likelihood of rediscovery.

GNR = Unranked - Global rank not yet assessed.

G#G# = Range Rank - A numeric range rank (e.g., G2G3, G1G3) is used to indicate uncertainty about the exact status of a taxon or ecosystem type.