

## CHECKLIST of the SEaweEDS OF IRELAND: RED ALGAE

(<http://seaweed.ucg.ie/Ireland/Check-listRhodoIre.html> and

<http://seaweed.ucg.ie/Ireland/Check-listBangioIre.html>)

### Rhodophyceae: Bangiophycidae

**PORPHYRIDIALES** - No representatives of the Porphyridiaceae have been reported from Ireland.

#### Goniotrichaceae

Chroodactylon Hansgirg

*Chroodactylon ornatum* (C Agardh) Basson

Colacodictyon J Feldmann

*Colacodictyon reticulatum* (Batters) J Feldmann

Stylonema Reinsch

*Stylonema alsidii* (Zanardini) Drew

#### Phragmonemataceae

Neevea Batters

*Neevea repens* Batters

**COMPSOPOGONALES** - Formerly Erythropeltidales; see Wynne (1986).

#### Erythropeltidaceae

Erythrocladia Rosenvinge

*Erythrocladia irregularis* Rosenvinge

Erythrotrichia Areschoug

*Erythrotrichia carnea* (Dillwyn) J Agardh

*Erythrotrichia welwitschii* (Ruprecht) Batters

Porphyrostromium Trevisan - Formerly Erythrotrichiopeltis ; see Wynne (1986).

*Porphyrostromium boryana* (Montagne) Trevisan

*Porphyrostromium ciliaris* (Carmichael ex Harvey) M Wynne

Porphyropsis Rosenvinge

*Porphyropsis coccinea* (J Agardh ex Areschoug) Rosenvinge

Sahlingia

*Sahlingia subintegra* (Rosenvinge) Kornmann - Formerly Erythropeltis subintegra. - See Kornmann (1989).

### BANGIALES

#### Bangiaceae

Bangia Lyngbye

*Bangia atropurpurea* (Roth) C Agardh

Porphyra C Agardh

*Porphyra laciniata* C Agardh - Relationship with *P. purpurea* requires further investigation; see Kornmann & Sahling (1991).

*Porphyra leucosticta* Thuret - See Kornmann & Sahling (1991).

*Porphyra linearis* Greville - Requires taxonomic reinvestigation.

*Porphyra miniata* (C Agardh) J Agardh - Requires taxonomic reinvestigation; some populations may represent *Porphyra amplissima* (Kjellman) Setchell et Hus (see Bird & McLachlan, 1992).

*Porphyra purpurea* (Roth) C Agardh - Requires taxonomic reinvestigation; see Kornmann & Sahling (1991).

*Porphyra umbilicalis* (Linnaeus) C Agardh

*Porphyra leucosticta* Thuret - See Kornmann & Sahling (1991).

*Porphyra linearis* Greville - Requires taxonomic reinvestigation.

*Porphyra miniata* (C Agardh) J Agardh - Requires taxonomic reinvestigation; some populations may represent *Porphyra amplissima* (Kjellman) Setchell et Hus (see Bird & McLachlan, 1992).

*Porphyra purpurea* (Roth) C Agardh - Requires taxonomic reinvestigation; see Kornmann & Sahling (1991).

*Porphyra umbilicalis* (Linnaeus) C Agardh

### Rhodophyta: Florideophyceae

#### ACROCHAETIALES

**Acrochaetiaceae** - Generic concepts remain unstable.

Audouinella Bory - Many species need further investigation. See Garbary (1987).

*Audouinella alariae* (Jónsson) Woelkerling

*Audouinella asparagopsis* (Chemin) P Dixon

*Audouinella bonnemaisoniae* (Batters) P Dixon

- Audouinella botryocarpa* (Harvey) Woelkerling - See Guiry, Kee & Garbary (1987).  
*Audouinella chylocladiae* (Batters) P Dixon  
*Audouinella corymbifera* (Thuret) P Dixon  
*Audouinella daviesii* (Dillwyn) Woelkerling  
*Audouinella endophytica* (Batters) P Dixon  
*Audouinella endozoica* (Darbishire) P Dixon  
*Audouinella floridula* (Dillwyn) Woelkerling - See Bidoux & Magne (1989).  
*Audouinella membranacea* (Magnus) Papenfuss  
*Audouinella parvula* (Kylin) P Dixon  
*Audouinella purpurea* (Lightfoot) Woelkerling - See Bidoux & Magne (1989).  
*Audouinella secundata* (Lyngbye) P Dixon  
*Audouinella seiriolana* (Gibson) P Dixon  
*Audouinella sparsa* (Harvey) P Dixon  
*Audouinella virgatula* (Harvey) P Dixon  
*Schmitziella* Bornet et Batters - Taxonomic placement requires investigation; see Woelkerling & Irvine (1982).  
*Schmitziella endophloea* Bornet et Batters

## **PALMARIALES**

### **Palmariaceae**

*Palmaria* Stackhouse

*Palmaria palmata* (Linnaeus) Kuntze

**Rhodothamniellaceae** See Saunders et al. (1995) who propose this new family and refer it to the Palmariales.

*Rhodothamniella* J. Feldmann ex T. Christensen

*Rhodothamniella floridula* (Dillwyn) J. Feldmann ex T. Christensen - Formerly *Rhodochorton floridulum* and *Audouinella floridula*

**Rhodophysemataceae** See Saunders & McLachlan (1989).

*Halosaccicolax* S Lund

*Halosaccicolax kjellmanii* S Lund - Includes *Halosaccicolax lundii*.

*Meiodiscus* Saunders et McLachlan

*Meiodiscus spetsbergensis* (Kjellman) Saunders et McLachlan - Formerly placed in *Audouinella*. See Saunders & McLachlan (1991).

*Rhodophysema* Batters

*Rhodophysema elegans* (P Crouan et H Crouan ex J Agardh) P Dixon

*Rhodophysema georgii* Batters

## **NEMALIALES**

### **Helminthocladiaceae**

*Helminthocladia* J Agardh

*Helminthocladia calvadosii* (Lamouroux ex Duby) Setchell

*Helminthora* J Agardh

*Helminthora divaricata* (C. Agardh) J. Agardh - The name *Helminthora stackhousei* (Clemente) Cremades et Pérez-Cirera was adopted by Cunningham, Guiry & Breeman - 1993 for this species in accordance with the conclusions of Cremades & Pérez-Cirera (1990); however, Cremades Ugarte -1993 later concluded that *Fucus stackhousei* Clemente was a species of *Helminthocladia* (*Helminthocladia stackhousei* (Clemente) Cremades, = *Helminthocladia agardhiana* P. Dixon)

*Nemalion* Duby

*Nemalion helminthoides* (Velley) Batters

### **Chaetangiaceae**

*Scinaia* Bivona-Bernardi

*Scinaia complanata* (F Collins) Cotton - Presence in British Isles requires confirmation; see Maggs & Guiry (1982a).

*Scinaia pseudocrispa* (Clemente) Cremades et Pérez-Cirera - Previously known as *S. forcellata*. Synonym: *S. forcellata* Bivona-Bernardi.

*Scinaia interrupta* (A De Candolle) M Wynne - Formerly *S. turgida*. Synonym: *S. turgida* Chemin.

## **BONNEMAISONIALES**

### **Naccariaceae**

*Atractophora* P Crouan et H Crouan

*Atractophora hypnoides* P Crouan et H Crouan

*Naccaria* Endlicher

*Naccaria wiggii* (Turner) Endlicher

### **Bonnemaisoniaceae**

Asparagopsis Montagne

*Asparagopsis armata* Harvey - An introduced species; see Guiry & Dawes (1992).

Bonnemaisonia C Agardh

*Bonnemaisonia asparagoides* (Woodward) C Agardh

*Bonnemaisonia hamifera* Hariot - Probably introduced from Japan or adjacent waters.

## GELIDIALES

### Gelidiaceae

*Gelidium* Lamouroux - Requires revision; Dixon & Irvine's (1977) taxonomic conclusions are not accepted here.

*Gelidium crinale* (Turner) J. Agardh - See Fredriksen, Guiry & Rueness (1994).

*Gelidium latifolium* (Greville) Bornet et Thuret

*Gelidium pulchellum* (Turner) Kützing - See Fredriksen, Guiry & Rueness (1994).

*Gelidium pusillum* (Stackhouse) Le Jolis - See Fredriksen, Guiry & Rueness (1994).

*Gelidiella* J Feldmann et Hamel

*Gelidiella calcicola* Maggs et Guiry See Maggs & Guiry (1987a).

*Pterocladia* J Agardh - Generic concept requires revision.

*Pterocladia capillacea* (S G Gmelin) Bornet

## AHNFELTIALES See Maggs & Pueschel (1989).

### Ahnfeltiaceae

*Ahnfeltia* Fries

*Ahnfeltia plicata* (Hudson) Fries - See Maggs, McLachlan & Saunders (1989).

## HILDENBRANDIALES

### Hildenbrandiaceae

*Hildenbrandia* Nardo

*Hildenbrandia crouanii* J Agardh

*Hildenbrandia rubra* (Sommerfelt) Meneghini

## CORALLINALES - See Irvine & Chamberlain (1994) for a recent revision; generic concepts exclusively reflect the opinions of these authors and some revision is required.

### Corallinaceae

*Choreonema* Schmitz

*Choreonema thuretii* (Bornet) Schmitz

*Corallina* Linnaeus

*Corallina elongata* Ellis et Solander - Includes *Corallina mediterranea*.

*Corallina officinalis* Linnaeus

*Hydrolithon* Foslie - See Irvine & Chamberlain (1994) for a recent revision.

*Hydrolithon boreale* (Foslie) Y Chamberlain - See Irvine & Chamberlain (1994).

*Hydrolithon cruciatum* (Bressan) Y Chamberlain

*Hydrolithon farinosum* (Lamouroux) D Penrose et Y Chamberlain - Includes *Fosliella farinosa*.

*Hydrolithon samoëense* (Foslie) D Keats et Y Chamberlain

*Halitilon* (J Decaisne) J Lindley

*Halitilon squamatum* (Linnaeus) Johansen, L Irvine et Webster

*Jania* Lamouroux

*Jania rubens* (Linnaeus) Lamouroux - Includes *Corallina elegans*, *Jania corniculata* & *J. nitidula*; see Irvine & Chamberlain (1994).

*Leptophytum* W Adey - See Chamberlain (1990) and Irvine & Chamberlain (1994).

*Leptophytum bornetii* (Foslie) W Adey

*Leptophytum laeve* (Foslie) W Adey

*Lithophyllum* Philippi

*Lithophyllum crouanii* Foslie - Previously *Dermatolithon crouanii*, see Irvine & Chamberlain (1994).

*Lithophyllum dentatum* (Kützing) Foslie - Known in the British Isles only from counties Cork, Galway and Mayo (Irvine & Chamberlain, 1994).

*Lithophyllum fasciculatum* (Lamarck) Foslie

*Lithophyllum hibernicum* Foslie - Known in British Isles only from Co. Galway (Irvine & Chamberlain, 1994).

*Lithophyllum incrustans* Philippi

*Lithophyllum nitorum* W Adey et P Adey

*Lithophyllum orbiculatum* (Foslie) Foslie

*Lithothamnion* Heydrich

*Lithothamnion corallioides* (P Crouan et H Crouan) P Crouan et H Crouan - Synonym: *L. solutum* Foslie.

*Lithothamnion glaciale* Kjellman - Includes *L. granii* (Foslie) Foslie.

*Lithothamnion lemoineae* W Adey - See Irvine & Chamberlain (1994).

*Lithothamnion sonderi* Hauck

Melobesia Lamouroux

*Melobesia membranacea* (Esper) Lamouroux

Mesophyllum Lemoine

*Mesophyllum lichenoides* (Ellis) Lemoine - Includes *Lithophyllum expansum* (as to type).

Phymatolithon Foslie - Included in *Lithothamnion* by French authors.

*Phymatolithon calcareum* (Pallas) W Adey et McKibbin

*Phymatolithon laevigatum* (Foslie) Foslie

*Phymatolithon lamii* (Lemoine) Y Chamberlain - Includes *Phymatolithon rugulosum* and *Lithophyllum melobesioides*.

*Phymatolithon lenormandii* (Areschoug) W Adey

*Phymatolithon polymorphum* (Linnaeus) Foslie

*Phymatolithon purpureum* (P Crouan et H Crouan) Woelkerling et L Irvine

Pneophyllum Kützing

*Pneophyllum caulerpae* (Foslie) P Jones et Woelkerling - Includes *P. zonale* and *P. rosanoffii*.

*Pneophyllum confervicola* (Kützing) Y Chamberlain

*Pneophyllum fragile* Kützing - Includes *P. lejolisii* and *P. microsporium*.

*Pneophyllum limitatum* (Foslie) Y Chamberlain

*Pneophyllum myriocarpum* (P Crouan et H Crouan) Y Chamberlain - Includes *Pneophyllum concollum*.

Titanoderma Nägeli See Chamberlain, Irvine & Walker (1991). Species recently revised by Chamberlain (1993).

*Titanoderma corallinae* (P Crouan et H Crouan) Woelkerling, Y Chamberlain et P C Silva

*Titanoderma pustulatum* (Lamouroux) Nägeli - Includes *T. confine*, *T. macrocarpum*, *T. verrucatum*, *T. litorale* and *T. hapaloides*. See Irvine & Chamberlain (1994).

#### **HALYMENIALES** See Saunders & Kraft (1996)

##### **Halymeniaceae**

Cryptonemia J Agardh

*Cryptonemia hibernica* Guiry et L Irvine - Probably introduced.

Dermocorynus P Crouan et H Crouan

*Dermocorynus montagnei* P Crouan et H Crouan

Grateloupia C Agardh

*Grateloupia filicina* (Lamouroux) C Agardh

Halymenia C Agardh

*Halymenia latifolia* P Crouan et H Crouan ex Kützing

#### **GIGARTINALES**

##### **Calosiphonaceae**

Calosiphonia P Crouan et H Crouan

*Calosiphonia vermicularis* (J Agardh) Schmitz

Schmitzia P C Silva

*Schmitzia hiscockiana* Maggs et Guiry

*Schmitzia neapolitana* (Berthold) Lagerheim ex P C Silva

##### **Caulacanthaceae**

Catenella Greville

*Catenella caespitosa* (Withering) L Irvine

##### **Choreocolacaceae** - for *Holmsella* see Gracilariales

Choreocolax Reinsch

*Choreocolax polysiphoniae* Reinsch

Harveyella Schmitz et Reinke in Reinke

*Harveyella mirabilis* (Reinsch) Reinke

##### **Cruoriaceae**

Cruoria Fries See Maggs & Guiry (1989).

*Cruoria cruoriaeformis* (P Crouan et H Crouan) Denizot

*Cruoria pellita* (Lyngbye) Fries

##### **Cystocloniaceae**

Calliblepharis Kützing

*Calliblepharis ciliata* (Hudson) Kützing

*Calliblepharis jubata* (Goodenough et Woodward) Kützing

Cystoclonium Kützing

*Cystoclonium purpureum* (Hudson) Batters

Rhodophyllis Kützing

*Rhodophyllis divaricata* (Stackhouse) Papenfuss  
*Rhodophyllis divaricata* var. *wernerii* Dangeard - Provisional name; requires further investigation (Guiry, Maggs & Picton, unpubl. see Maggs & Guiry (1987b).

#### **Dumontiaceae**

*Dilsea* Stackhouse  
*Dilsea carnosus* (Schmidel) Kuntze  
*Dudresnaya* P Crouan et H Crouan  
*Dudresnaya verticillata* (Withering) Le Jolis  
*Dumontia* Lamouroux  
*Dumontia contorta* (S G Gmelin) Ruprecht

#### **Furcellariaceae**

*Furcellaria* Lamouroux  
*Furcellaria lumbricalis* (Hudson) Lamouroux  
*Halarachnion* Kützing  
*Halarachnion ligulatum* (Woodward) Kützing

#### **Gigartinaeae** - See Hommersand et al. (1993) for a revision of generic concepts.

*Chondracanthus*  
*Chondracanthus acicularis* (Roth) Fredericq - Includes *Gigartina falcata*; formerly *Gigartina acicularis*.  
*Chondracanthus teedii* (Roth) Kützing - Formerly *Gigartina teedii*.  
*Chondrus* Stackhouse  
*Chondrus crispus* Stackhouse  
*Gigartina* Stackhouse  
*Gigartina pistillata* (S G Gmelin) Stackhouse

#### **Gloiosiphoniaceae**

*Gloiosiphonia* Carmichael et Berkeley  
*Gloiosiphonia capillaris* (Hudson) Carmichael ex Berkeley  
*Plagiospora* Kuckuck  
*Plagiospora gracilis* Kuckuck

#### **Haemeschariaceae** - See Wilce & Maggs (1989).

*Haemescharia* Kjellman  
*Haemescharia hennedyi* (Harvey) Vinogradova Previously *Petrocelis hennedyi*; see Wilce & Maggs (1989).

#### **Kallymeniaceae**

*Callocolax* Schmitz et Batters  
*Callocolax neglectus* Schmitz ex Batters  
*Callophyllis* Kützing  
*Callophyllis laciniata* (Hudson) Kützing  
*Kallymenia* J Agardh  
*Kallymenia reniformis* (Turner) J Agardh  
*Meredithia* J Agardh  
*Meredithia microphylla* (J Agardh) J Agardh

#### **Nemastomataceae** - Also known as the Gymnophloeaceae; see Millar & Guiry (1989) and Silva (1993). Masuda & Guiry (1995) have revised the family concept and have separated the Schizymeniaceae (q.v.).

*Meredithia Itonoa* Masuda et Guiry  
*Meredithia marginifera* (J Agardh) Masuda et Guiry Formerly *Platoma marginiferum*; see Masuda & Guiry (1995).  
*Nemastoma* J Agardh

*Nemastoma canariensis* (Kützing) J Agardh Sterile specimens resembling this species have been collected at Lough Hyne (Ine), Co Cork, Ireland (Guiry & Maggs, unpubl.).

#### **Petrocelidaceae** - Requires investigation; closely related to the Phylloporaceae

*Mastocarpus* Kützing  
*Mastocarpus stellatus* (Stackhouse) Guiry - Previously *Gigartina stellata*. Sporophytic crust formerly *Petrocelis cruenta*.

#### **Peyssonneliaceae**

*Peyssonnelia* Decaisne  
*Peyssonnelia armorica* (P Crouan et H Crouan) Weber-van Bosse - Formerly *Cruoriella armorica*.  
*Peyssonnelia atropurpurea* P Crouan et H Crouan  
*Peyssonnelia dubyi* P Crouan et H Crouan  
*Peyssonnelia harveyana* P Crouan et H Crouan ex J. Agardh  
*Peyssonnelia immersa* Maggs et L Irvine

## **Phylloporaceae**

Ahnfeltiopsis P C Silva et DeCew See Silva & DeCew (1992).

*Ahnfeltiopsis devoniensis* (Greville) P C Silva et DeCew Formerly *Gymnogongrus devoniensis*. Includes two, or perhaps three, species in the British Isles one of which may be non-native. See Silva & DeCew -1992 and Parsons et al. (1990).

*Coccotylus* Kützing

*Coccotylus truncata* (Pallas) M Wynne et J Heine Formerly *Phyllophora truncata*; see Wynne & Heine (1992).

*Ceratocolax* Rosenvinge

*Ceratocolax hartzii* Rosenvinge

*Erythrodermis*

*Erythrodermis traillii* (Holmes ex Batters) Guiry et Garbary Formerly *Phyllophora traillii*; see Maggs -1989 and Guiry & Garbary (1990).

*Gymnogongrus* Martius

*Gymnogongrus crenulatus* (Turner) J Agardh

*Gymnogongrus griffithsiae* (Turner) Martius

*Phyllophora* Greville

*Phyllophora crispa* (Hudson) P Dixon

*Phyllophora pseudoceranooides* (S G Gmelin) Newroth et A R A Taylor

*Phyllophora sicula* (Kützing) Guiry et L Irvine

*Schottera* Guiry et Hollenberg

*Schottera nicaeensis* (Lamouroux ex Duby) Guiry et Hollenberg

*Stenogramme* Harvey

*Stenogramme interrupta* (C Agardh) Montagne ex Harvey

## **Polyideaceae**

*Polyides* C Agardh

*Polyides rotundus* (Hudson) Greville

## **Schizymeniaceae** - See Masuda & Guiry (1995)

*Schizymenia* J Agardh

*Schizymenia dubyi* (Chauvin ex Duby) J Agardh

## **Sphaerococcaceae**

*Sphaerococcus* Stackhouse

*Sphaerococcus coronopifolius* Stackhouse Includes *Haematocelis fissurata*; see Maggs & Guiry (1982b).

## **GRACILARIALES** See Fredericq & Hommersand (1989a).

### **Gracilariaceae**

*Gracilaria* Greville

*Gracilaria bursa-pastoris* (S G Gmelin) P Silva - Requires further investigation as to species limits.

*Gracilaria multipartita* (Clemente) Harvey - Previously *Gracilaria foliifera* as delimited by authors in the NE Atlantic.

*Gracilaria gracilis* (Stackhouse) Steentoft, L. Irvine & Farnham - Includes populations formerly identified as *Gracilaria verrucosa* (Hudson) Papenfuss and as *Gracilaria confervoides* (Stackhouse) Greville. See Steentoft et al. (1995): known from southern Norway south to northern Spain.

*Gracilariopsis* Dawson

*Gracilariopsis longissima* (S.G. Gmelin) Steentoft, L. Irvine & Farnham - Records of *Gracilariopsis lemneiformis* (Bory) Dawson from Britain (Fredericq & Hommersand (1989b) have been rejected by Steentoft et al. (1995). Specimens of *Gracilariopsis longissima* were previously included in *Gracilaria verrucosa*; see Steentoft et al. (1995). Known also from France and Spain.

### **Pterocladophilaceae** See Fredericq & Hommersand (1989a).

*Holmsella* Sturch

*Holmsella pachyderma* (Reinsch) Sturch

## **PLOCAMIALES** - See Saunders & Kraft (1994)

### **Plocamiaceae**

*Plocamium* Lamouroux

*Plocamium cartilagineum* (Linnaeus) P Dixon

## **RHODYMENIALES**

### **Rhodymeniaceae**

*Cordylecladia* J Agardh

*Cordylecladia erecta* (Greville) J Agardh - See Brodie & Guiry (1988).

*Rhodymenia* Greville

- Rhodymenia ardissoni* J Feldmann  
*Rhodymenia delicatula* P Dangeard  
*Rhodymenia holmesii* Ardissoni - Includes *Rhodymenia pseudopalmeta* var. *ellisiae* (Duby) Guiry  
*Rhodymenia phylloides* L'Hardy-Halos - French coast. May be part of *R. delicatula*; see Guiry (1977).  
*Rhodymenia pseudopalmeta* (Lamouroux) P C Silva

### Champiaceae

- Champia* Desvaux  
*Champia parvula* (C Agardh) Harvey  
*Chylocladia* Greville  
*Chylocladia verticillata* (Lightfoot) Bliding  
*Gastroclonium* Kützing  
*Gastroclonium ovatum* (Hudson) Papenfuss  
*Gastroclonium reflexum* (Meneghini ex Zanardini) Kützing  
*Lomentaria* Lyngbye  
*Lomentaria articulata* (Hudson) Lyngbye  
*Lomentaria clavellosa* (Turner) Gaillon  
*Lomentaria hakodatensis* Yendo - A probable introduction from Japan or adjacent waters; see Cabioch & Magne (1987).  
*Lomentaria orcadensis* (Harvey) Collins ex Taylor

## Rhodophyta: Florideophyceae (Ceramiales)

**CERAMIALES** See Maggs & Hommersand (1993) for a recent taxonomic revision.

### Ceramiaceae

- Antithamnion* Nägeli  
*Antithamnion cruciatum* (C Agardh) Nägeli  
*Antithamnion densum* (Suhr) Howe Previously known as *Antithamnion defectum*; see Guiry & Maggs (1991).  
*Antithamnionella* Lyle  
*Antithamnionella spirographidis* (Schiffner) Wollaston  
*Antithamnionella ternifolia* (J D Hooker et Harvey) Lyle Synonym: *A. sarniensis* Lyle.  
*Aglaothamnion* Feldmann-Mazoyer See Maggs & Hommersand (1993).  
*Aglaothamnion bipinnatum* (P Crouan et H Crouan) Feldmann-Mazoyer  
*Aglaothamnion byssoides* (Arnott ex Harvey) L'Hardy-Halos et Rueness  
*Aglaothamnion diaphanum* L'Hardy-Halos et Maggs See L'Hardy-Halos & Maggs (1991).  
*Aglaothamnion gallicum* (Nägeli) Halos ex Ardré See Maggs & Hommersand (1993).  
*Aglaothamnion hookeri* (Dillwyn) Maggs et L'Hardy-Halos See Maggs & Hommersand (1993).  
*Aglaothamnion priceanum* Maggs, Guiry et Rueness See Maggs, Guiry & Rueness (1991).  
*Aglaothamnion roseum* (Roth) Maggs et L'Hardy-Halos See Maggs & L'Hardy-Halos (1993).  
*Aglaothamnion sepositum* (Gunnerus) Maggs et Hommersand See Maggs & Hommersand (1993).  
*Aglaothamnion scopulorum* (C. Agardh) G. Feldmann-Mazoyer - N Coast of France; see Coppejans (1995).  
*Aglaothamnion tripinnatum* (C Agardh) Feldmann-Mazoyer  
*Callithamnion* Lyngbye  
*Callithamnion corymbosum* (J E Smith) Lyngbye  
*Callithamnion granulatum* (Ducluzeau) C Agardh  
*Callithamnion tetragonum* (Withering) S F Gray  
*Callithamnion tetricum* (Dillwyn) S F Gray  
*Ceramium* Roth See Maggs & Hommersand (1993) for a major realignment of species. Further investigation is required.  
*Ceramium botryocarpum* Griffiths ex Harvey  
*Ceramium ciliatum* (Ellis) Ducluzeau  
*Ceramium cimbricum* H Petersen  
*Ceramium deslongchampii* Chauvin ex Duby  
*Ceramium diaphanum* (Lightfoot) Roth  
*Ceramium echionotum* J Agardh  
*Ceramium flaccidum* (Kützing) Ardissoni  
*Ceramium gaditanum* (Clemente) Cremades Previously known as *Ceramium flabelligerum*; see Cremades & Pérez-Cirera (1990).

- Ceramium nodulosum* (Lightfoot) Ducluzeau Previously included in *Ceramium rubrum*.  
Synonym: *C. rubrum* (Hudson) CAgardh.
- Ceramium pallidum* (Nägeli ex Kützing) Maggs et Hommersand Includes *Ceramium armoricum* P Dixon et H Parkes.
- Ceramium secundatum* Lyngbye
- Ceramium shuttleworthianum* (Kützing) Rabenhorst - Combination was first introduced by Rabenhorst -1846 and not by Silva (1959).
- Ceramium siliquosum* (Kützing) Maggs et Hommersand
- Ceramium strictum* sensu Harvey Provisional name; see Maggs & Hommersand (1993).
- Compsothamnion Nägeli
- Compsothamnion decompositum* (J Agardh) Maggs et L'Hardy-Halos See Maggs & L'Hardy-Halos (1993).
- Compsothamnion gracillimum* De Toni
- Compsothamnion thuyoides* (J E Smith) Nägeli
- Crouania J Agardh
- Crouania attenuata* (C Agardh) J Agardh
- Griffithsia C Agardh
- Griffithsia corallinoides* (Linnaeus) Batters
- Griffithsia devoniensis* Harvey
- Halurus Kützing
- Halurus equisetifolius* (Lightfoot) Kützing
- Halurus flosculosus* (Ellis) Maggs et Hommersand Formerly *Griffithsia flosculosa*; see Maggs & Hommersand (1993).
- Microcladia Greville
- Microcladia glandulosa* (Solander ex Turner) Greville
- Monosporus Solier
- Monosporus pedicellatus* (J E Smith) Solier
- Pleonosporium Nägeli
- Pleonosporium borneri* (J E Smith) Nägeli
- Plumaria Schmitz
- Plumaria plumosa* (Hudson) Kuntze Formerly *Plumaria elegans* ; see Silva et al. (1993).  
Synonym: *P. elegans* (Bonnemaison) Schmitz.
- Pterothamnion Nägeli
- Pterothamnion crispum* (Ducluzeau) Nägeli See Maggs & Hommersand (1993).
- Pterothamnion plumula* (Ellis) Nägeli
- Ptilota C Agardh
- Ptilota gunneri* P C Silva, Maggs et L Irvine - Previously *Ptilota plumosa*; see Silva et al. (1993).
- Ptilothamnion Thuret
- Ptilothamnion pluma* (Dillwyn) Thuret
- Ptilothamnion sphaericum* (P Crouan et H Crouan) Maggs et Hommersand See Maggs & Hommersand (1993).
- Scagelia Wollaston
- Scagelia pylaisei* (Montagne) M Wynne - Known in Ireland only from Rockall; see Maggs & Hommersand (1993).
- Seirospora Harvey
- Seirospora interrupta* (J E Smith) Schmitz Includes *S. seirosperma* ; see Maggs & Hommersand (1993).
- Spermothamnion Areschoug
- Spermothamnion repens* (Dillwyn) Rosenvinge
- Spermothamnion strictum* (C Agardh) Ardissonne
- Sphondylothamnion Nägeli
- Sphondylothamnion multifidum* (Hudson) Nägeli
- Spyridia Harvey
- Spyridia filamentosa* (Wulfen) Harvey
- Delesseriaceae**
- Acrosorium Zanardini
- Acrosorium venulosum* (Zanardini) Kylin - Includes *Acrosorium uncinatum* sensu Kylin; see Maggs & Hommersand (1993).
- Apoglossum J Agardh
- Apoglossum ruscifolium* (Turner) J Agardh
- Apoglossocolax Maggs et Hommersand See Maggs & Hommersand (1993).



*Apoglossocolax pusilla* Maggs et Hommersand - In Ireland, n=known only from Flannery Bridge, Co. Galway, the paratype locality; See Maggs & Hommersand (1993, p. 209).  
 Asterocolax J Feldmann et G Feldmann  
*Asterocolax erythroglossi* J Feldmann et G Feldmann  
 Cryptopleura Kützing  
*Cryptopleura ramosa* (Hudson) Kylin ex Newton  
 Delesseria Lamouroux  
*Delesseria sanguinea* (Hudson) Lamouroux  
 Drachiella Ernst et J Feldmann  
*Drachiella heterocarpa* (Chauvin ex Duby) Maggs et Hommersand Formerly Myriogramme heterocarpum; see Maggs & Hommersand (1993).  
*Drachiella minuta* (Kylin) Maggs et Hommersand Formerly Myriogramme minuta; see Maggs & Hommersand (1993).  
*Drachiella spectabilis* Ernst et J Feldmann  
 Erythroglossum J Agardh  
*Erythroglossum laciniatum* (Lightfoot) Maggs et Hommersand Formerly Polyneura laciniata and Polyneura gmelinii ; see Maggs & Hommersand (1993).  
 Gonimophyllum Batters  
*Gonimophyllum buffhamii* Batters  
 Haraldiophyllum A Zinova  
*Haraldiophyllum bonnemaisonii* (Kylin) A Zinova Formerly Myriogramme bonnemaisonii. Not to be confused with Polyneura bonnemaisonii, a separate entity; see Maggs & Hommersand (1993).  
 Hypoglossum Kützing  
*Hypoglossum hypoglossoides* (Stackhouse) F Collins et Hervey Formerly Hypoglossum woodwardii.  
 Membranoptera Stackhouse  
*Membranoptera alata* (Hudson) Stackhouse - Includes British records of Pantoneura angustissima; see Maggs & Hommersand (1993).  
 Nitophyllum Greville  
*Nitophyllum punctatum* (Stackhouse) Greville  
 Phycodrys Kützing  
*Phycodrys rubens* (Linnaeus) Batters  
 Polyneura Kylin  
*Polyneura bonnemaisonii* (C Agardh) Maggs et Hommersand Formerly Polyneura hilliae; see Maggs & Hommersand (1993).  
 Radicilingua Papenfuss  
*Radicilingua thysanorhizans* (Holmes) Papenfuss

#### **Dasyaceae**

Dasya C Agardh  
*Dasya corymbifera* J Agardh  
*Dasya hutchinsiae* Harvey  
*Dasya ocellata* (Grateloup) Harvey  
 Heterosiphonia Montagne  
*Heterosiphonia plumosa* (Ellis) Batters

#### **Rhodomelaceae**

Boergesenella Kylin  
*Boergesenella fruticulosa* (Wulfen) Kylin - Formerly Polysiphonia fruticulosa; see Maggs & Hommersand (1993).  
*Boergesenella thuyoides* (Harvey) Kylin - Formerly Pterosiphonia thuyoides; see Maggs & Hommersand (1993).  
 Bostrychia Montagne  
*Bostrychia scorpioides* (Hudson) Montagne ex Kützing  
 Brongniartella Bory  
*Brongniartella byssoides* (Goodenough et Woodward) Schmitz  
 Chondria C Agardh  
*Chondria capillaris* (Hudson) M Wynne Formerly Chondria tenuissima; see Wynne (1991).  
*Chondria dasyphylla* (Woodward) C Agardh  
 Halopitys Kützing  
*Halopitys incurvus* (Hudson) Batters  
 Laurencia Lamouroux  
*Laurencia obtusa* (Hudson) Lamouroux  
 Lophosiphonia Falkenberg

- Lophosiphonia reptabunda* (Suhr ex Kützing) Kylin  
 Odonthalia Lyngbye  
*Odonthalia dentata* (Linnaeus) Lyngbye  
 Osmundea Stackhouse  
*Osmundea hybrida* (A P de Candolle) Nam Formerly *Laurencia hybrida*; see Maggs & Hommersand -1994 and Nam et al. , (1994).  
*Osmundea osmunda* (S G Gmelin) Nam et Maggs Formerly *Laurencia osmunda*; see Maggs & Hommersand -1994 and Nam et al. , (1994).  
*Osmundea pinnatifida* (Hudson) Stackhouse Formerly *Laurencia pinnatifida*; see Maggs & Hommersand -1994 and Nam et al., (1994).  
*Osmundea truncata* (Kützing) Nam et Maggs Formerly *Laurencia platycephala* sensu Magne and L. truncata; see Maggs & Hommersand -1994 and Nam et al. (1994).  
 Polysiphonia Greville See Maggs & Hommersand (1993) for a revision of the species from the British Isles.  
*Polysiphonia atlantica* Kapraun et J Norris - Formerly *Polysiphonia macrocarpa* Harvey.  
*Polysiphonia brodiaei* (Dillwyn) Sprengel  
*Polysiphonia denudata* (Dillwyn) Greville ex Harvey - Occurrence in Ireland requires confirmation; see Maggs & Hommersand (1993).  
*Polysiphonia elongata* (Hudson) Sprengel  
*Polysiphonia elongella* Harvey  
*Polysiphonia fibrata* (Dillwyn) Harvey  
*Polysiphonia fibrillosa* (Dillwyn) Sprengel - Formerly *Polysiphonia violacea* (Roth) Sprengel.  
*Polysiphonia fucoides* (Hudson) Greville - Formerly *Polysiphonia nigrescens* (Hudson) Greville.  
*Polysiphonia furcellata* (C Agardh) Harvey  
*Polysiphonia harveyi* J Bailey - Probably introduced; see Maggs & Hommersand (1993).  
*Polysiphonia lanosa* (Linnaeus) Tandy  
*Polysiphonia nigra* (Hudson) Batters  
*Polysiphonia simulans* Harvey  
*Polysiphonia stricta* (Dillwyn) Greville - Formerly *Polysiphonia urceolata*; includes *P. spiralis*.  
*Polysiphonia subulifera* (C Agardh) Harvey  
 Pterosiphonia Falkenberg  
*Pterosiphonia ardreana* Maggs et Hommersand See Maggs & Hommersand (1993). Known only from Co. Clare; see Maggs & Hommersand (1993).  
*Pterosiphonia complanata* (Clemente) Falkenberg  
*Pterosiphonia parasitica* (Hudson) Falkenberg  
*Pterosiphonia pennata* (C Agardh) Falkenberg  
 Rhodomela Agardh  
*Rhodomela confervoides* (Hudson) P C Silva  
*Rhodomela lycopodioides* (Linnaeus) C Agardh