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Check-list of Mediterranean Seaweeds

II. Chlorophyceae Wille *s. l.*

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Abstract

A check-list of Mediterranean green algae, based on literature records, is given. The distribution of each taxon in the area (which is divided into 16 regions) is reported. The number of species and intraspecific taxa accepted for the Mediterranean Sea under current taxonomy is 214. This list has benefited from the suggestions on taxonomy, nomenclature and regional distribution made by phycological advisers for each region.

Introduction

This check-list of Mediterranean seaweeds is intended to be a catalogue of benthic algal taxa of the Mediterranean Sea, including only the Rhodophyceae *s. l.*, Fucophyceae (Phaeophyceae) and Chlorophyceae *s. l.* The Fucophyceae were treated in the first part (Ribera *et al.* 1992), while this second part comprises the Chlorophyceea *s. l.* (Charophyceae excluded). The number of specific and infraspecific taxa of this group accepted for the Mediterranean Sea under current taxonomy is 214.

This list has been compiled following the scheme used in the first part of this series (Ribera *et al.* 1992). The area has been split into 16 regions (Fig. 1) that are labelled with two-letter symbols in the following manner:
(Sp) Spain, (BI) Balearic Islands, (Fr) France, (CS) Corsica and Sardinia, (WI) Western Italy, (Si) Sicily and adjacent Islands, (Ad) Adriatic Sea (including Albania and Gulf of Taranto), (Gr) Greece, (BS) Black and Azov Seas, (Tu) Turkey (Marmara Sea and Mediterranean coast), (LS) Levant States (Syria, Lebanon and Israel), (Eg) Egypt, (Li) Libya, (Tn) Tunisia, (Ag) Algeria, (Mo) Morocco.

This work benefited from the suggestions on taxonomy, nomenclature and regional distribution of an advisory board of phycologists. The advisers were: V. Aysel (Tu), A. Bavaru (BS), A. Bologa (BS), F. Cinelli (WI), S. Cirik (Tu), A. Cossu (CS), A. Diapoulis (Gr), V. Gazale (CS), S. Haritonidis (Gr), I. Munda (Ad) and G. Pardi (WI).

References used for the areas are shown in Table I.

Taxa are named with their authors, but dates of valid publication are not given. When authors' names have been abbreviated, TL2 (Stafleu and Cowan 1976–1988) was followed.

The orders are arranged according to Wynne and Kraft (1981), while families, genera and species are arranged alphabetically.

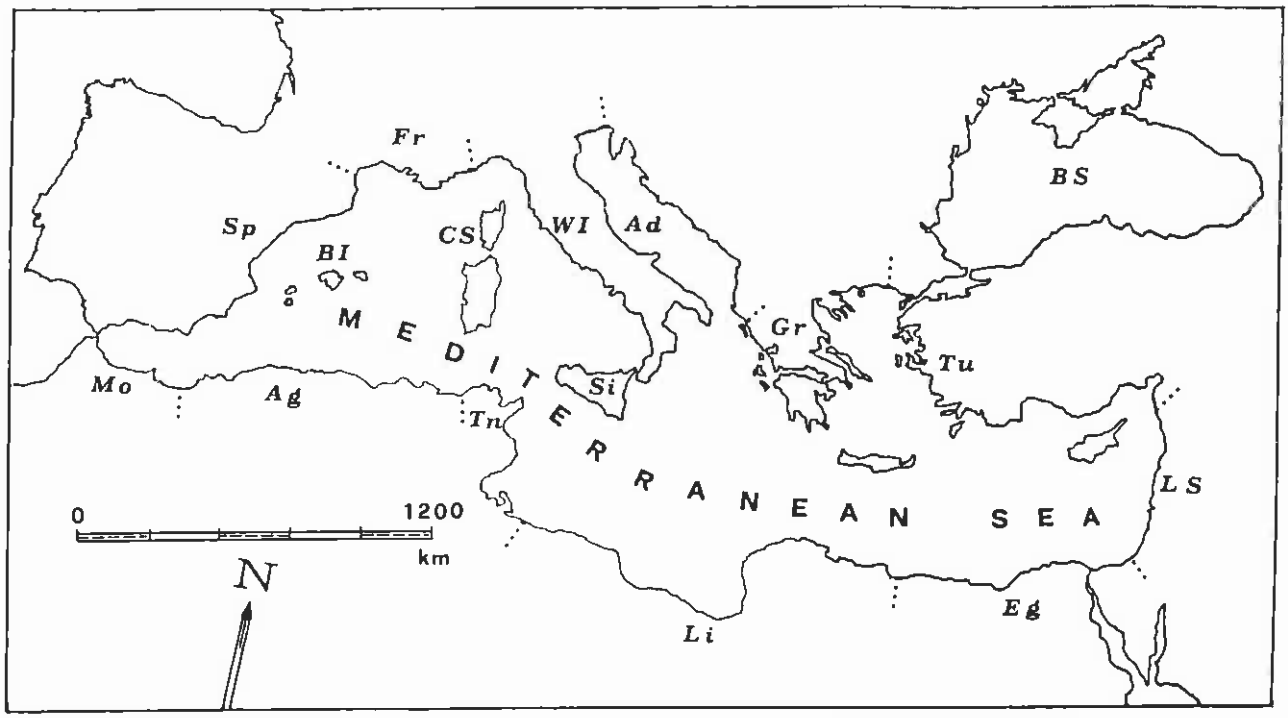

Fig. 1. Geographical regions considered: (Sp) Spain, (BI) Balearic Islands, (Fr) France, (CS) Corsica and Sardinia, (WI) Western Italy, (Si) Sicily and adjacent islands, (Ad) Adriatic Sea (including Albania), (Gr) Greece, (BS) Black and Azov seas, (TU) Turkey (Sea of Marmara and Mediterranean coast), (LS) Levant States (Syria, Lebanon and Israel), (Eg) Egypt, (Li) Libya, (Tn) Tunisia, (Ag) Algeria, (Mo) Morocco.

Table I. References used for the different regions.

Sp:	11	13	15	43	44	70	170	171	172	173								
BI:	10	13	25	49	90	148	149											
Fr:	1	18	19	26	27	31	45	56	79	88	89	90	115	116	117	151	178	180
CS:	30	48	50	179														
WI:	23	28	38	39	59	64	66	67	69	139	142	144	154	157	158	162		
Si:	47	72	129															
Ad:	33	35	46	60	61	71	73	90	120	142	152	153	156	163	169	174		
Gr:	7	53	68	128	132	136	160											
BS:	17	54	80	94	184													
Tu:	8	40	41	57	81	82	83	84	90	167	168	177	183					
LS:	58	106	110	114	146	147	164											
Eg:	3	4	5	21	37	104	118	121	122	123								
Li:	131	133	168															
Tn:	20	29	55															
Ag:	140	161																
Mo:	75	124	164															

Both in the list of taxa and in the index, names of accepted taxa are in italics whereas synonyms, misapplied names and doubtful or unaccepted taxa are in roman type.

When a specific or infraspecific taxon has definitely been recorded for a geographical area, the number corresponding to the bibliographic reference utilized is cited in the list. Because of space limitation, only one reference is cited for each area, but additional references are available from the authors on request.

Abbreviations of journals follow those of B. P. H. (Lawrence *et al.* 1968).

When a name of a specific or infraspecific taxon has been recorded as synonym or misapplied name, the reference number in the list is in italics, while the synonym or misapplied name is given in roman type below the current name. Superscript numbers refer to notes.

A list of proposed nomenclatural changes, of *taxa excludenda* as well as a list of *taxa inquirenda* is also given.

List of Taxa and Their Distribution

Taxa	Geographic regions															
	Sp	BI	Fr	CS	WI	Si	Ad	Gr	BS	Tu	LS	Eg	Li	Tn	Ag	Mo
VOLVOCALES Francé																
Asteromonadaceae S. Péterfi																
Asteromonas Artari																
A. gracilis Artari	11	–	31	–	–	–	–	–	–	–	–	–	–	–	–	–
Chlamydomonadaceae F. Stein																
Brachiomonas Bohlin																
B. submarina Bohlin	11[1]	–	31	–	–	72	–	–	–	–	–	–	–	–	–	–
Carteria Diesing																
C. feldmannii Conrad *et* Kufferath	–	–	31	–	–	–	–	–	–	–	–	–	–	–	–	–
Dunaliellaceae Christensen																
Dunaliella Teodor.																
D. salina Teodor.	11	–	–	–	–	72	–	–	–	–	–	–	–	–	–	–
Raciborskiellaceae Korshikov																
Oltmannsiella Zimmermann																
O. lineata Zimmermann	–	–	–	–	66	–	–	–	–	–	–	–	–	–	–	–
Tetrasporaceae (Näg.) Wittrock																
Palmophyllum Kütz.																
P. crassum (Naccari) Rabenh.																
var. *crassum*	11	148	31	30	66	72	71	7	–	40	114	–	168	20	–	–
var. *crassum* f. *gestroi* (Piccone) Giaccone	–	–	–	–	–	72	–	–	–	–	–	–	–	20	–	–
var. *orbiculare* (Born.) J. Feldmann	15	*148*	–	–	–	72	–	–	–	–	–	–	–	–	–	–
≡ P. orbiculare Born.																
Tetraspora Link *ex* Desvaux																
T. gelatinosa (Vaucher) Desvaux	–	–	–	–	–	–	–	–	–	84	–	–	–	–	–	–
PYRAMIMONADALES Chadefaud																
Pyramimonadaceae Korshikov																
Platymonas G. S. West[2]																
P. tetrathele G. S. West	–	–	31	–	66	72	–	–	–	–	–	–	–	–	–	–
Prasinocladus Kuckuck[2]																
P. lubricus Kuckuck																
f. *subsalsus* (B. M. Davis) Zimmermann	–	–	–	–	66	–	–	–	–	–	–	–	–	–	–	–
P. marinus (Cienk.) Waern	–	–	–	–	–	–	–	–	184	–	–	–	–	–	–	–
Pyramimonas Schmarda																
P. amylifera Conrad	11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
P. octociliata N. Carter	11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Taxa	Geographic regions															
	Sp	Bl	Fr	CS	WI	Si	Ad	Gr	BS	Tu	LS	Eg	Li	Tn	Ag	Mo
Tetraselmis F. Stein																
T. fontiana (Margalef) R. E. Norris *et al.*	11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HALOSPHAERALES Round																
Halosphaeraceae Haeckel																
Halosphaera Schmitz																
H. viridis Schmitz	–	–	–	–	66	–	–	–	–	–	–	–	–	–	–	–
CHLOROCOCCALES Marchand																
Chlorococcaceae Blackman *et* Tansley																
Chlorochytrium F. Cohn																
C. cohnii Wright[3]	11	–	31	–	66	–	–	–	*184*	–	–	–	–	–	–	–
≡ C. reinhardtii Gardner[4]																
C. moorei Gardner[5]	–	–	*117*	–	–	–	–	–	–	–	–	–	–	–	–	–
≡ C. willei Printz																
ULOTRICHALES Borzi																
Borodinellaceae Korshikov																
Planophila Gerneck																
P. microcystis (P. Dang.) Kornmann *et* Sahling	–	–	*178*	–	–	–	–	–	–	–	–	–	–	–	–	–
≡ Ulvella microcystis P. Dang.																
Chaetophoraceae Greville																
Acrochaete Pringsh.[6]																
A. geniculata (Gardner) O'Kelly[7]	–	–	–	–	–	*72*	*71*	–	–	–	–	–	–	–	–	–
≡ Pseudodictyon geniculatum Gardner																
A. inflata (Erceg.) comb. nov.	*11*	*148*	*178*	*30*	*38*	*72*	*71*	*136*	–	–	–	–	–	–	–	–
≡ Pseudodictyon inflatum Erceg.																
A. repens Pringsh.	–	–	–	–	–	72	–	–	–	–	114	–	–	–	–	–
Bolbocoleon Pringsh.																
B. piliferum Pringsh.	–	–	–	–	–	72	71	–	184	–	114	–	–	–	–	–
Didymosporangium Lamb.																
D. repens Lamb.	11	–	31	30	66	72	–	–	–	–	–	–	–	20	–	–
Entocladia Reinke																
E. endolithica (Erceg.) R. Nielsen	–	–	–	–	–	*72*	*71*	–	–	–	–	–	–	–	–	–
≡ Endoderma endolithicum Erceg.																
E. leptochaete (Huber) Burrows	*15*	–	31	*179*	–	–	*71*	*128*	54	–	–	–	–	–	–	–
≡ Acrochaete leptochaete (Huber) R. Nielsen																
≡ Ectochaete leptochaete (Huber) Wille																
E. major (J. Feldmann) R. Nielsen	*11*	10	31	30	*66*	*72*	*61*	–	–	–	–	–	–	–	*140*	–
≡ Acrochaete major (J. Feldmann) Perret-Boudouresque *et* Seridi																
≡ Endoderma majus J. Feldmann																

E. pennata (J. Feldmann) R. Nielsen	–	–	–	–	–	72	–	–	–	–	–	–	–	–	140	–
E. perforans (Huber) Levring	–	–	–	–	–	72	–	–	184	–	–	–	–	–	–	–
E. viridis Reinke	*11*	*148*	31	*30*	*66*	*72*	*71*	*7*	184	–	114	*4*	–	*20*	*140*	–
≡ Acrochaete viridis (Reinke) R. Nielsen																
≡ Endoderma viride (Reinke) Lagerh.																
= Phaeophila viridis (Reinke) Burrows																
E. wittrockii Wille	*172*	–	–	–	–	72	*71*	–	*184*	82	–	–	–	–	–	–
≡ Ectochaete wittrockii (Wille) Kylin																
≡ Endoderma wittrockii (Wille) Lagerh.																
≡ Phaeophila wittrockii (Wille) R. Nielsen																
Epicladia Reinke[8]																
E. flustrae Reinke	172	148	*27*	48	–	*72*	–	–	–	–	–	–	–	–	140	–
≡ Entocladia flustrae (Reinke) W. R. Taylor																
E. pontica Rochlina	–	–	–	–	–	–	–	–	184	–	–	–	–	–	–	–
Eugomontia Kornmann																
E. sacculata Kornmann	–	–	–	–	–	–	–	–	184	–	–	–	–	–	–	–
Ochlochaete Thwaites *ex* Harvey[9]																
O. hystrix Thwaites *ex* Harvey	172	–	*27*	*30*	–	*72*	*73*	–	–	–	–	–	133	–	–	–
≡ O. ferox Huber																
≡ O. hystrix var. ferox (Huber) R. Nielsen																
Phaeophila Hauck																
P. dendroides (P. L. *et* H. M. Crouan) Batters[10]	11[11]	148	31	30	66	72	71[80]	7	184[12]	40	114	4	133	–	140	–
P. hirsuta (Erceg.) R. Nielsen	–	–	–	–	–	*72*	*71*	–	–	–	–	–	–	–	–	–
≡ Endoderma hirsutum Erceg.																
Pringsheimiella Höhnel																
P. conchyliophila J. Feldmann[13]	–	–	31	–	–	–	–	–	–	–	–	–	–	–	–	–
P. scutata (Reinke) Höhnel *ex* Marchewianka	11	148	31	30	66	72	71	7	184	8	114	–	–	20	–	–
Pseudendoclonium Wille																
P. submarinum Wille	11	–	31	–	–	72	71	–	–	–	–	–	–	–	–	–
Pseudopringsheimia Wille																
P. confluens (Rosenvinge) Wille	–	–	31	–	–	–	–	–	184	–	–	–	–	–	–	*124*
≡ Ulvella confluens Rosenvinge																
Stromatella Kornmann *et* Sahling																
S. monostromatica (P. Dang.) Kornmann *et* Sahling	–	–	*31*	–	–	129	–	–	–	–	–	–	–	–	–	–
≡ Ulvella monostromatica P. Dang.																
S. papillosa (P. Dang.) Kornmann *et* Sahling	–	–	*178*	–	–	–	–	–	–	–	–	–	–	–	–	–
≡ Ulvella papillosa P. Dang.																
Tellamia Batters																
T. contorta Batters	11	–	31	–	–	72	61	–	–	–	–	–	–	20	140	–
Ulvella P. L. *et* H. M. Crouan																
U. acervus P. Dang.	–	–	–	50	–	–	–	–	–	–	–	–	–	–	–	–
U. lens P. L. *et* H. M. Crouan	11	–	31	48	69	72	71	–	184	–	–	–	133	–	–	–
U. nadsonii (Rochlina) comb. nov.	–	–	–	–	–	–	–	–	*184*	–	–	–	–	–	–	–
= Pseudulvella nadsonii Rochlina																
U. setchellii P. Dang.	11	–	31	30	–	72	156	–	–	–	–	5	–	–	–	–
Ulotrichaceae Kütz.																
Ulothrix Kütz.																
U. flacca (Dillwyn) Thur.	11	–	31	48	69	72	163	7	184	–	–	–	–	*20*	140	124

Taxa	Geographic regions															
	Sp	BI	Fr	CS	WI	Si	Ad	Gr	BS	Tu	LS	Eg	Li	Tn	Ag	Mo
= U. pseudoflacca Wille[14]																
U. implexa (Kütz.) Kütz.[15]	–	–	–	–	*66*	–	71	160[16]	184	–	–	–	–	20	–	–
= Hormiscia implexa (Kütz.) De Toni																
U. subflaccida Wille[15]	11	–	31	–	157	72	71	–	–	–	–	–	–	–	140	–
U. tenuissima Kütz.	–	–	–	–	–	–	–	–	184	–	–	–	–	–	–	–
U. zonata (Weber *et* Mohr) Kütz.	–	–	–	–	–	72	–	–	184	–	–	–	–	–	–	–
ACROSIPHONIALES Jónsson																
Acrosiphoniaceae Jónsson																
Urospora Areschoug																
U. penicilliformis (Roth) Areschoug	–	–	180[17]	–	–	–	–	*68*[18]	184[19]	–	–	–	–	–	–	–
≡ U. mirabilis Areschoug																
≡ Codiolum penicilliforme (Roth) P. C. Silva																
Spongomorpha Kütz.[20]																
S. aeruginosa (L.) Hoek[7]	–	–	–	48	–	–	–	–[21]	*184*[22]	–	–	–	–	–	–	–
= S. lanosa (Roth) Kütz.																
= S. uncialis (O. F. Müller) Kütz.																
S. arcta (Dillwyn) Kütz.	–	–	–	–	–	–	–	–[23]	*184*	–	–	–	–	–	–	–
= Acrosiphonia centralis (Lyngb.) Kjellm.																
ULVALES Blackman *et* Tansley																
Monostromataceae Kunieda																
Blidingia Kylin																
B. chadefaudii (J. Feldmann) Bliding	11	–	31	30	–	–	–	–	–	–	–	–	–	–	–	–
B. marginata (J. Agardh) P. Dang.	11	–	31	–	–	72	71	7	184	–	–	–	–	20	140	75
B. minima (Näg. *ex* Kütz.) Kylin																
var. *minima*	11	–	31	–	69	–	71	–	184	177	–	–	–	–	–	124
var. *ramifera* Bliding	11	–	–	–	–	–	71	–	–	–	114	–	–	–	–	–
B. subsalsa (Kjellm.) Kornmann *et* Sahling	–	–	–	–	–	–	*163*	–	–	–	–	–	–	–	–	–
≡ B. marginata subsp. subsalsa (Kjellm.) Bliding																
Gomontia Born. et Flah.																
G. polyrhiza (Lagerh.) Born. *et* Flah.	172	13	31	30	–	72	71	7	184	–	–	–	–	20	140	–
Monostroma Thur.																
M. obscurum (Kütz.) J. Agardh	–[24]	–	–	–	–	–	–	–	*184*	–	–	–	–	–	–	–
= M. fuscum (Postels *et* Ruprecht) Wittr.																
Ulvaria Ruprecht[25]																
U. oxysperma (Kütz.) Bliding																
f. *oxysperma*	*11*	*148*	*31*	30	*66*	–	*61*	–	*184*	*8*	–	–	–	–	–	–
≡ Gayralia oxysperma (Kütz.) Vinogradova																
≡ Monostroma latissimum Wittrock																
≡ Monostroma oxyspermum (Kütz.) Doty																

f. *wittrockii* (Born.) Bliding	11	–	*88*	–	*67*	72	*153*	–	184	–	–	–	–	–	–	–
≡ Gayralia oxysperma (Kütz.) Vinogradova f. wittrockii (Born.) Bliding																
≡ Monostroma wittrockii Born.																
Percursariaceae Bliding																
Percursaria Bory																
P. percursa (C. Agardh) Rosenvinge[7]	11	–	–	–	–	–	71	–	184	–	–	–	–	–	–	–
Ulvaceae Lamour. *ex* Dumort.																
Capsosiphon Gobi																
C. fulvescens (C. Agardh) Setchell *et* Gardner	–	–	–	–	*66*	–	*61*	–	184	–	–	–	–	–	–	–
≡ Enteromorpha aureola (C. Agardh) Kütz.																
Enteromorpha Link																
E. adriatica Bliding	–	–	31	–	–	72	71	–	–	–	–	–	–	–	–	–
E. ahlneriana Bliding[26]	11	–	89	–	–	–	71	160	183	–	–	–	–	–	–	–
E. aragoënsis Bliding	11	–	31	–	–	–	71	–	–	–	–	–	–	–	–	–
E. clathrata (Roth) Grev.	11	148	31	30	66	72	71	7	184	83	146	4	133	20	140	75
E. compressa (L.) Nees[27]																
var. *compressa*	11	148	31	30	66	72	71	7	184	83	146	121	133	20	140	124
var. *usneoides* (Bonnem. *ex* J. Agardh) Bliding[28]	–	–	–	–	–	–	71	160	–	–	–	–	–	–	–	–
E. flexuosa (Wulfen) J. Agardh																
subsp. *flexuosa*	11	148	31	30	59	72	71[29]	7	184	*83*[30]	146	–	–	20	140	124
≡ E. jürgensii Kütz.																
≡ E. lingulata J. Agardh																
≡ E. plumosa Kütz.																
subsp. *biflagellata* (Bliding) Bliding[7]	–	–	–	–	–	–	163	–	–	–	–	–	–	–	–	–
subsp. *linziformis* (Bliding) Bliding[31]	173	–	56	–	–	72	71	–	–	–	–	–	–	–	–	–
subsp. *paradoxa* (C. Agardh) Bliding																
var. *paradoxa*	11	–	178	–	–	72	71	160	17	–	*146*	–	–	–	–	124
≡ E. clathrata (Roth) Grev. var. erecta (Lyngb.) Le Jolis																
var. *profunda* Bliding[7]	–	–	178	–	–	–	–	–	–	–	–	–	–	–	–	–
subsp. *pilifera* (Kütz.) Bliding[32]	11	–	–	–	–	72	71	160	17	–	–	–	–	–	–	–
E. hendayensis P. Dang. *et* Parriaud[7]	43	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
E. intestinalis (L.) Nees																
var. *intestinalis*	11	148	31	30	69	72	71	7	184	83	146	118	133	20	140	124
var. *asexualis* Bliding f. *cornucopiae* (Lyngb.) J. Agardh	–	–	180	–	–	–	71	132	–	–	–	–	–	–	–	–
E. jugoslavica Bliding	11	–	31	–	–	72	71	–	–	–	–	–	–	–	–	–
E. kylinii Bliding	11	–	–	–	–	–	163	–	17	177	–	–	–	–	–	–
E. linza (L.) J. Agardh[33]	11	148	31	30	66	72	71	7	184	83	146	121	133	20	140	75
E. maeotica Proshk.-Lavr.	–	–	–	–	–	–	–	–	184	–	–	–	–	–	–	–
E. multiramosa Bliding	11	148	31	48	–	72	71	7	–	–	–	–	–	–	–	75
E. muscoides (Clemente) Cremades	*11*	–	*31*	*30*	–	*72*	*71*	*7*	*94*	*83*	–	–	–	*20*	*140*	*124*
≡ E. crinita (Roth) J. Agardh																
= E. ramulosa (Smith) Carmichael																
E. prolifera (O. F. Müller) J. Agardh																
subsp. *prolifera*	11	148	31	30	59	72	71	7	184	83	146	–	–	20	–	124
subsp. *gullmariensis* Bliding	11	–	–	–	–	72	–	–	–	–	–	–	–	–	–	–
subsp. *radiata* (J. Agardh) Bliding[34]	*11*	–	–	–	–	72	71	–	–	57	–	–	–	–	–	–
≡ E. radiata J. Agardh																

Taxa	Geographic regions															
	Sp	Bl	Fr	CS	WI	Si	Ad	Gr	BS	Tu	LS	Eg	Li	Tn	Ag	Mo
E. pseudolinza Koeman *et* Hoek	11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
E. ralfsii Harvey	–	–	–	–	–	72	71	–	–	–	–	–	–	–	–	–
E. simplex (Vinogradova) Koeman *et* Hoek	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	124
E. stipitata P. Dang. var. *linzoides* Bliding	172	–	31	–	–	72	71	160[35]	–	–	–	–	–	–	–	–
E. torta (Mertens) Reinbold[26]	170	–	19	–	157	72	–	–	17	–	–	–	–	–	–	124
Ulva L.																
U. bifrons Ardré	–	148	–	–	–	–	–	160	–	–	–	–	–	–	–	–
U. curvata (Kütz.) De Toni	11	–	31	–	–	72	71	–	–	–	–	–	–	–	–	124
U. fasciata Delile	15	–	–	–	66	72	163	7	–	177	114	121	133	–	140	–
U. lactuca L.[7 36]	–	–	31	30	–	–	–	7	–	177	–	–	–	–	140	–
U. rigida C. Agardh[37]	11	148	31	30	66	72	71	7	184	177	146	4	–	20	140	124
U. linearis P. Dang.	11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U. neapolitana Bliding	–	–	–	–	23	–	–	–	–	–	–	–	–	–	–	–
U. olivascens P. Dang.	11	148	31	30	–	72	71	–	–	–	–	–	–	29	–	75
U. rotundata Bliding	11	–	180	–	–	72	71	7	–	–	–	–	–	–	–	–
U. scandinavica Bliding[7]	–	–	–	–	–	72	35	–	–	–	–	–	–	–	–	–
PRASIOLALES Schaffner																
Prasiolaceae (Rabenh.) Borzì																
Prasiola (C. Agardh) Menegh.																
P. crispa (Lightf.) Kütz.	–	–	–	–	–	–	–	7[38]	184	–	–	–	–	–	–	–
P. stipitata Suhr *ex* Jessen	–	–	–	–	–	–	–	160[38]	–	–	–	–	–	–	–	–
SPHAEROPLEALES Haeckel																
Sphaeropleaceae Kütz.																
Sphaeroplea C. Agardh																
S. braunii Kütz.	–	–	–	–	–	–	–	–	–	83	–	–	–	–	–	–
CLADOPHORALES Haeckel																
Anadyomenaceae Kütz.																
Anadyomene Lamour.																
A. stellata (Wulfen) C. Agardh	11	148	18	30	66	72	71	7	–	83	146	122	133	20	140	–
Microdictyon Decaisne																
M. laxereticulatum Setchell[39]	–	–	–	–	162	–	–	–	–	–	–	–	–	–	–	–
M. tenuius (C. Agardh) Decaisne	170	148	79	30	69	72	71	7	–	183[40]	146	–	133	20	–	–
Chaetosiphonaceae Blackman *et* Tansley																

Blastophysa Reinke																
B. polymorpha Kjellm.[41]	–	–	178	30	38	–	–	53	54	–	–	–	–	–	140	–
B. rhizopus Reinke	11	10	31	30	66	72	71	7	–	–	–	–	–	–	140	–
Chaetosiphon Huber																
C. moniliformis Huber	172	–	–	48	–	–	–	–	–	–	–	–	–	–	–	–
Cladophoraceae Wille																
Chaetomorpha Kütz.																
C. aerea (Dillwyn) Kütz.[42]	11	148	31	30	66	72[43]	169	7	184	83	146	4	133	20	140	124
C. crassa (C. Agardh) Kütz.	11	13	–	30[43]	66	72[43]	61	7	184	–	–	–	–	–	–	–
C. gracilis Kütz.	11	148	31	–	66	–	152	–	184	–	–	–	–	–	–	124
C. linum (O. F. Müller) Kütz.[42,44]	11	148	31	30	66	72[45]	71	7	184	82	146	123	133	20	140	75
C. mediterranea (Kütz.) Kütz.																
var. *mediterranea*	*11*	*148*	*31*	*30*	*66*	*72*[45]	*120*	*7*	*184*	82	*146*	–	–	–	–	–
≡ C. capillaris (Kütz.) Børg. var. capillaris																
var. *crispa* (J. Feldmann) comb. nov.	*11*	*148*	*31*	*30*	*144*	*72*[43]	*174*	–	–	*40*	–	–	–	*20*	–	–
≡ C. capillaris var. crispa J. Feldmann																
C. pachynema (Mont.) Mont.	–	49	–	–	–	–	–	–	–	–	106	–	–	–	–	–
C. zernovii Woronichin	–	–	–	–	–	–	–	–	184	–	–	–	–	–	–	–
Cladophora Kütz.[46]																
C. aegagropila (L.) Rabenh.	–	–	–	48	–	72	71	–	–	–	–	–	–	–	–	–
C. albida (Nees) Kütz.	11	148	31	30	66	72	71	7	184	8	–	–	133	20	140	124
C. battersii Hoek	–	–	180	48	–	72	71	–	–	–	–	–	–	–	–	–
C. coelothrix Kütz.	11	148	31	30	*66*	72	71	7	184	*83*	*146*	21	–	20	140	75
≡ C. repens (J. Agardh) Harvey																
C. dalmatica Kütz.	11	148	31	30	59	72	71	7	184	8	–	21	–	20	140	124
C. echinus (Biasoletto) Kütz.	11	13	31	30	144	72	71	7	184	84	*146*	21	*133*	20	140	75
≡ E. cornea (Kütz.) Kütz.																
≡ C. kerkennae G. Hamel																
C. feredayi Harvey	–	–	–	48	157	72	71	7	–	40	–	–	–	20	–	–
C. flexuosa (O. F. Müller) Kütz.[47]	–	–	–	–	–	–	–	–	–	–	–	–	*133*	–	–	–
≡ C. gracilis (Griffiths *ex* Mackay) Kütz.																
C. fracta (O. F. Müller *ex* Vahl) Kütz.	–	–	31	48	–	–	71	–	17	8	–	–	–	20	–	–
C. globulina (Kütz.) Kütz.	–	–	–	–	–	72	–	–	–	–	–	–	–	–	–	75
C. glomerata (L.) Kütz.[48]																
var. *glomerata*	–	–	–	–	–	72	71	7	17	83	–	–	–	–	–[49]	–
var. *crassior* (C. Agardh) Hoek	11	–	–	–	–	–	–	–[50]	–	–	–	–	–	–	–	–
C. hutchinsiae (Dillw.) Kütz.	11	148	31	30	66	72	71	7	17	83	–	–	133	20	140	–
C. laetevirens (Dillw.) Kütz.	11	148	31	30	64	72	71	7	184	83	114	21	–	29	140	–
C. lehmanniana (Lindenb.) Kütz.	11	148	31	30	59	72	71	7	*94*	8	*146*	*121*	*133*	20	140	75
≡ C. ramulosa Menegh.																
≡ C. utriculosa Kütz.																
C. liebetruthii Grunow	–	90	90	30	–	72	90	68	–	–	–	–	–	–	–	–
C. liniformis Kütz.	11	–	–	48	157	72	71	68	184	–	–	–	–	–	–	–
C. nigrescens Zanard. *ex* Frauenfeld	11	10	–	–	59	72	71	–	–	–	–	–	–	–	–	–
C. pellucida (Huds.) Kütz.[51]	11	148	31	30	66	72	71	7	–	83	146	4	–	20	140	124
C. prolifera (Roth) Kütz.	11	148	31	30	66	72	71	7	80	83	146	5	168	20	140	124

Taxa	Geographic regions															
	Sp	BI	Fr	CS	WI	Si	Ad	Gr	BS	Tu	LS	Eg	Li	Tn	Ag	Mo
C. retroflexa (Bonnem. *ex* P. L. *et* H. M. Crouan) Hoek	170	148	–	–	–	–	71	7	–	–	–	–	–	–	–	–
C. ruchingeri (C. Agardh) Kütz.	11	148	31	30	66	72	71	68[52]	17	–	146	–	–	55	140	–
C. rupestris (L.) Kütz.	11	10	180	30	59	72	71	7	17	81	*146*[53]	121[53]	–	20	140	124
≡ C. ramosissima (Draparnaud *ex* Kütz.) Kütz.																
C. sericea (Huds.) Kütz.[54]	11	148	31	30	139	72	71	7	184	81	*146*[53]	–	–	20	140	–
≡ C. rudolphiana (C. Agardh) Kütz.																
C. sivashensis C. Meyer[55]	–	–	–	–	–	–	–	–	184	–	–	–	–	–	–	–
C. socialis Kütz.	11	–	19	48	139	72	71	7	–	–	–	–	–	–	–	–
C. vadorum (Areschoug) Kütz.	172	–	31	30	*66*	–	71	7	184	–	–	–	–	–	–	75
≡ C. corynarthra Kütz.																
C. vagabunda (L.) Hoek	11	148	31	30	139	72	71	7	184	90	–	–	–	20	140	75
Cladophoropsis Børg.[56]																
C. gerloffii Nizamuddin	–	–	–	–	–	–	–	–	–	–	–	–	131	–	–	–
C. membranacea (Hofman Bang *ex* C. Agardh) Børg.	–	–	–	–	–	72	–	7	184	–	110	–	–	–	140	–
C. modonensis (Kütz.) Reinbold	172	148	45	30	59	72	46	53	–	–	146	21	133	20	–	–
C. zollingeri (Kütz.) Reinbold	–	–	–	–	–	–	–	–	–	–	146	123	–	–	–	–
Rhizoclonium Kütz.																
R. lubricum Setchell *et* Gardner *in* Gardner	11	–	*151*	–	–	–	–	–	–	–	–	–	–	–	–	–
≡ Lola lubrica (Setchell *et* Gardner) A. *et* G. Hamel																
R. tortuosum (Dillw.) Kütz.[57]	*11*	*148*	31	*30*	*144*	*72*	*71*	7	184	–	–	*4*	–	*20*	*140*	124
≡ R. implexum (Dillw.) Kütz.																
≡ R. kerneri Stockmayer																
≡ R. kochianum Kütz.																
≡ R. riparium (Roth) Harvey																
Siphonocladaceae Schmitz																
Siphonocladus Schmitz																
S. pusillus (C. Agardh *ex* Kütz.) Hauck	11	148	31	30	–	–	71	7	184	–	114	21	–	–	–	–
Ventricaria Olsen *et* J. A. West																
V. ventricosa (J. Agardh) Olsen *et* J. A. West	*171*	*148*	–	–	–	*72*	–	*7*	–	–	–	–	–	–	–	*124*
≡ Valonia ventricosa J. Agardh																
Valoniaceae Kütz.																
Valonia C. Agardh																
V. aegagropila C. Agardh	172	148	–	48	154	72	71	–	–	–	–	–	–	20	–	–
V. macrophysa Kütz.	11	148	31	30	66	72	71	7	–	167	114	4	168	20	140	124
V. utricularis (Roth) C. Agardh	11	148	31	30	66	72	71	7	–	83	146	4	133	20	140	124
BRYOPSIDALES Schaffner																
Bryopsidaceae Bory																
Bryopsis Lamour.[58]																
B. adriatica (J. Agardh) Menegh.	11	148	31	*30*	28	72	71	7	184	81	146	121	–	–	*140*	–
≡ B. cupressina Lamour. var. adriatica J. Agardh																

B. corymbosa J. Agardh	11	148	31	30	66	72	71	7	184	82	–	–	–	–	140	–
B. cupressina Lamour.	43	–	–	48	*66*	72	71	–	–	–	–	–	–	–	–	–
= B. penicillata Kütz.																
B. dichotoma De Not.	–	–	–	–	142	–	142	–	–	–	–	–	–	–	–	–
B. duplex De Not.	11	148	31	30	39	*72*	*71*	*7*	*184*	*83*	114	–	–	20	140	–
≡ B. balbisiana Lamour. *sensu* J. Feldmann																
≡ B. disticha (J. Agardh) Kütz.																
B. feldmannii Gallardo *et* Furnari nom. nov.	*11*	–	*31*	*48*	*66*	*72*	*71*	*7*	–	*8*	*146*	–	–	–	*140*	–
= B. cupressoides Kütz. *sensu* J. Feldmann																
= B. cupressoides Lamour. *sensu* Kütz.																
B. hypnoides Lamour.	11	–	31	*30*	144	72	71	7	184	83	114	–	–	20	140	–
≡ B. monoica Berthold *ex* Funk																
B. muscosa Lamour.	11	148	31	30	66	72	71	7	–	–	146	–	–	20	140	–
B. penicillum Menegh.	–	–	18	30	66	–	–	–	–	–	–	–	–	–	–	–
B. pennata Lamour.[59]	44	148	31	–	–	72	71	136	–	177	114	121	–	–	–	–
B. plumosa (Huds.) C. Agardh	44	148	31	30	66	72	71	7	184	83	146	4	168	20	140	124
B. secunda J. Agardh	11	–	–	30	142	72	–	–	–	–	–	–	–	–	–	–
Bryopsidella J. Feldmann																
B. neglecta (Berthold) Rietema[60]	13[17]	–	31	48[19]	66	72[17]	*60*[61]	*160*	–	–	114[19]	–	–	–	–	–
≡ Derbesia neglecta Berthold																
B. ostreobiformis Calderón-Sáenz *et* Schnetter	–	–	–	–	–	–	33	–	–	–	–	–	–	–	–	–

Caulerpaceae Kütz.

Caulerpa Lamour.

C. mexicana Sonder *ex* Kütz.[62]	–	–	–	–	–	–	–	–	–	–	*146*	–	–	–	–	–
≡ C. crassifolia (C. Agardh) J. Agardh																
C. ollivieri Dostal[63]	–	25	115	–	–[64]	–	–	–	–	83	–	–	–	–	–	–
C. prolifera (Forsskål) Lamour.	11	148	18	30	66	72	71	7	184	83	146	4	133	20	140	75
C. racemosa (Forsskål) J. Agardh																
var. *racemosa*	–	–	–	–	–	–	–	–	–	–	*147*	3	–	20	–	–
≡ C. feldmannii Rayss *et* Edelstein																
var. *lamourouxii* f. *requienii* (Mont.) Weber van Bosse[65]	–	–	–	–	–	–	–	–	–	41	58	–	–	–	–	–
C. scalpelliformis (Brown *ex* Turn.) C. Agardh	–	–	–	–	–	–	–	–	–	–	146	–	–	–	–	–
C. sertularioides (S. G. Gmelin) Howe[7]	–	–	–	–	–	–	–	–	–	167	–	–	–	–	–	–
C. taxifolia (Vahl) C. Agardh[62]	–	–	116	–	26	–	–	–	–	–	–	–	–	–	–	–

Codiaceae Kütz.

Codium Stackh.

C. adhaerens C. Agardh[66]	11	148	–	48	66	72	71	68	–	82	–	–	–	–	140	124
C. bursa (L.) C. Agardh	11	148	31	30	66	72	71	7	–	83	114	4	133	20	140	–
C. coralloides (Kütz.) P. C. Silva	11	148	31	30	–	72	71	7	–	82	–	–	–	–	–	–
C. decorticatum (Woodw.) Howe	43	148	*180*	*30*	*66*	72	71	7	–	82	*146*	*4*	–	20	140	164
≡ C. elongatum (Turn.) C. Agardh																
C. effusum (Rafinesque) Delle Chiaje	11	148	31	30	144	72	71	7	–	81	*114*	–	*168*	29	140	75
≡ C. difforme Kütz.																

Taxa	Geographic regions															
	Sp	BI	Fr	CS	WI	Si	Ad	Gr	BS	Tu	LS	Eg	Li	Tn	Ag	Mo
C. fragile (Suringar) Hariot subsp. *tomentosoides* (Goor) P. C. Silva	11	148	31[67]	30[67]	–	72[67]	174[67]	–	–	82[67]	–	–	–	55[67]	161	–
C. taylorii P. C. Silva	–	–	–	–	–	–	–	–	–	–	164	–	–	–	140	–
C. tomentosum Stackh.[68]	43	–	–	–	–	–	–	–	–	–	–	–	–	–	–	124
C. vermilara (Olivi) Delle Chiaje	11	148	31	30	69	72	71	7	184	81	114	–	–	20	140	124
Derbesiaceae Hauck																
Derbesia Solier																
D. boergesenii (Iyengar *et* Ramanathan) Mayhoub	–	–	–	–	–	–	–	–	–	–	114[69]	–	–	–	–	–
D. corallicola Funk[19]	–	–	–	–	66	72	152	–	–	–	–	–	–	–	–	–
D. tenuissima (De Not.) P. L. *et* H. M. Crouan[70]	11	148	31	30	139	72	71	7[17]	–	83[19]	114	4[17]	–	20	140	75[19]
Pedobesia MacRaild *et* Womersley																
P. lamourouxii (J. Agardh) J. Feldmann *et al.*[71] ≡ Derbesia lamourouxii (J. Agardh) Solier	11	148	31	30	*66*	72	*71*	7	*184*	83	*146*	–	–	20	140	75
P. solieri J. Feldmann *ex* Abelard *et* Knoepffler	–	–	1	48	–	–	–	–	–	–	–	–	–	–	140	–
Trichosolen Mont.																
T. myura (J. Agardh) W. R. Taylor[72] ≡ Pseudobryopsis myura (J. Agardh) Berthold	11	10	31	30	*66*	72	*61*	*160*	–	–	*146*	–	–	20	140	–
Phyllosiphonaceae Frank																
Ostreobium Born. *et* Flah.																
O. quekettii Born. *et* Flah.[72]	11	–	31	30	66	–	71	160	184	–	–	–	–	–	140	–
Udoteaceae J. Agardh																
Flabellia Reichenbach[73]																
F. petiolata (Turra) Nizamuddin[74] ≡ Udotea petiolata (Turra) Børg.	*11*	*148*	*31*	*30*	*66*	*72*	*71*	*7*	–	*83*	*146*	*4*	*133*	*20*	*140*	*124*
Halimeda Lamour.																
H. tuna (Ellis *et* Solander) Lamour.																
f. *tuna*	11	148	31	30	66	72	71	7	–	167	146	4	133	20	140	–
f. *albertisii* Piccone	–	149	–	–	–	–	–	–	–	–	–	–	–	–	–	–
f. *platydisca* (Decaisne) Barton[75]	70	–	31	–	66	72	60	–	–	–	146	–	–	20	–	–
Penicillus Lamarck																
P. capitatus Lamarck[76] ≡ P. capitatus f. mediterraneus (Decaisne) P. *et* H. Huvé	13	13	115	30	158	*72*	46	7[77]	–	–	*114*	21[70]	–	20	140[70]	–
Pseudochlorodesmis Børg.																
P. furcellata (Zanard.) Børg.																
var. *furcellata*	11	148	31	30	66	72	71	7	–	40	146	21	–	20	140	–
var. *canariensis* Børg.	–	–	115	–	–	47	–	–	–	–	–	–	–	–	–	–
P. tenuis Erceg.	–	–	–	–	–	–	152	–	–	–	–	–	–	20	–	–

DASYCLADALES Bessey															
Polyphysaceae Kütz.															
Acetabularia Lamour.															
A. acetabulum (L.) P. C. Silva	11	148	31	30	*66*	72	71	7	–	*83*	*146*[78]	37	*168*	20	140	124
≡ A. mediterranea Lamour.																
A. calyculus Lamour.	11	148	–	–	–	–	–	–	–	–	–[79]	104	–	–	–	–
Polyphysa Lamarck																
P. parvula (Solms-Laubach) Schnetter *et* Bula-Meyer	172	148	–	–	*66*	72	–	*160*	–	*81*	*146*	*123*	–	–	140	–
≡ Acetabularia moebii Solms-Laubach																
≡ A. parvula Solms-Laubach																
Dasycladaceae Kütz.																
Dasycladus C. Agardh																
D. vermicularis (Scopoli) Krasser	11	148	18	30	66	72	71	7	–	*83*	*146*	4	133	20	140	–
≡ D. clavaeformis (Roth) C. Agardh																

Notes

1. Ballesteros (1981) recorded this species from Spain under the synonyms *Brachiomonas gracilis* Bohlin and *B. westiana* Pascher.
2. According to Norris, Hori and Chihara (1980), *Prasinocladus* and *Platymonas* are synonyms of *Tetraselmis*.
3. We follow Burrows (1991) in retaining this species in the genus *Chlorochytrium*. Kornmann and Sahling (1983) assigned it to *Chlorocystis* Reinhardt.
4. We follow Pankow (1971) in considering this species as a synonym of *C. cohnii*.
5. We follow Burrows (1991) in considering *C. moorei* conspecific with *C. willei*.
6. According to O'Kelly (1983) *Pseudodictyon* Gardner is a synonym of *Acrochaete*.
7. The presence of this species in the Mediterranean Sea needs to be confirmed.
8. We follow Nielsen (1984) and not Burrows (1991) in considering the genus *Epicladia* as distinct from *Entocladia*.
9. According to Yarish (1976), both *Ochlochaete ferox* and *O. lentiformis* Huber are synonyms of *O. hystrix*, but Nielsen (1977) placed *O. lentiformis* in the synonymy of *Ulvella lens*.
10. To accomodate this species, both the new order Phaeophilales and the new family Phaeophilaceae were proposed by Chappel *et al.* (1990).
11. Ballesteros (1990: 33) also cites *Phaeophila divaricata* Huber, which according to Nielsen (1972) is a synonym of *P. dendroides*.
12. Zinova (1967: 23–24) also cited *P. engleri* Reinke, which according to Nielsen (1972) is a synonym of *P. dendroides*.
13. We follow Nielsen and McLachlan (1985) in recognizing this species.
14. According to Lokhorst (1978), *Ulothrix pseudoflacca* is a form of *U. flacca*.
15. We follow Lokhorst (1985) in considering *Ulothrix implexa* (Kütz.) Kütz. and *U. subflaccida* Wille as two different species. Burrows (1991), however, considers them as synonyms.
16. According to Athanasiadis (1987), this species should be excluded from the Greek flora.
17. Sporophyte not recorded.
18. Diannelidis (1953) recorded with doubt the occurrence in Greece of *Codiolum gregarium* Braun, considering it as the diploid phase of *Urospora mirabilis* Areschoug [= *U. penicilliformis* (Roth) Areschoug]. According to Burrows (1991), however, *C. gregarium* is the diploid phase of *U. wormskioldii* (Mertens *ex* Hornemann) Rosenvinge (not known from the Mediterranean Sea).
19. Gametophyte not recorded.
20. We follow Burrows (1991) in considering *Acrosiphonia* J. Agardh a synonym of *Spongomorpha*.
21. This species, reported by Diannelidis (1950) as *Cladophora lanosa* (Roth) Kütz. f. *uncialis* (Müller) Hauck and by Haritonidis and Tsekos (1974) as *Cladophora lanosa* (Roth) Kütz., according to Athanasiadis (1987: 148) should be excluded from the Greek flora.
22. Both *S. lanosa* and *S. uncialis* are reported.
23. This species is recorded from Greece by Haritonidis and Tsekos (1974: 33) as *Cladophora arcta* (Dillwyn) Kütz., but according to Athanasiadis (1987: 137) it should be excluded from the Greek flora.
24. According to Ballesteros and Romero (1982: 761), the records of this species from the Catalan coast (Spain) should be referred to *Ulvaria oxysperma* f. *wittrockii*.
25. Although Golden and Garbary (1984) consider *Ulvaria* as a subgenus of *Monostroma*, we retain it as a genus.
26. Burrows (1991) included both *Enteromorpha ahlneriana* and *E. torta* in *E. prolifera*.
27. Burrows (1991: 86) lists *Enteromorpha compressa* among the synonyms of *E. intestinalis*; but at page 88 she hypothesizes that *E. compressa* could be treated taxonomically as subspecies of *E. intestinalis*.

28. Koeman and Hoek (1982) recognize this taxon as a species: *E. usneoides* Bonnem. *ex* J. Agardh.
29. *E. jürgensii* is also recorded.
30. Both *E. lingulata* and *E. plumosa* are reported.
31. Koeman (1985) considers this taxon as a species, *E. linziformis* Bliding.
32. Koeman (1985) considers this taxon as a species, *E. pilifera* Kütz.
33. This species includes var. *crispata* (Bertoloni) J. Agardh cited from Tu 8 and Li 133, and var. *lanceolata* (L.) J. Agardh cited from Li 133.
34. Koeman and Hoek (1982) consider this taxon as a species, *E. radiata* J. Agardh.
35. Although no variety is indicated, we refer this citation to var. *linzoides*, the only variety recorded from the Mediterranean Sea.
36. The records from Wi 66, Ad 169, BS 183, LS 146, Eg 4, Li 133, Tn 20 and Mo 124 are doubtful since they are reported or refer to papers predating Bliding's (1968) revision of this genus. Several varieties and forms of this species, reported from both the Mediterranean and the Black Sea, must be revised.
37. According to Phillips (1988), all Mediterranean records of *U. rigida* C. Agardh *sensu* Bliding (1968) should be referred to *U. laetevirens* Areschoug. However, we prefer not to make this nomenclatural change pending a study by T. Gallardo.
38. According to Athanasiadis (1987: 137), the occurrence of this species in the Mediterranean Sea is doubtful.
39. According to Setchell (1929), *M. boergesenii* Setchell should probably also occur in the Mediterranean Sea. However, both this species and *M. laxereticulatum* were never reported from that Sea, probably because of Hamel's (1931) opinion that they are forms of *M. tenuius*.
40. On the basis of the iconography, we refer to *M. tenuius* the species reported in this paper as *M. agardhianum* Decaisne.
41. According to Athanasiadis (1987) and Burrows (1991), *Blastophysa polymorpha* is a synonym of *B. rhizopus*.
42. According to Blair (1983), *Chaetomorpha aerea* and *C. linum* are different species, an opinion not shared by Burrows (1991).
43. Reported as *C. linum*.
44. According to Blair (1983), this species includes *C. chlorotica* (Mont.) Kütz.
45. In Giaccone *et al.* (1985), *C. linum* includes *C. aerea*, *C. crassa*, *C. mediterranea* var. *mediterranea* and *C. mediterranea* var. *crispa*.
46. The treatment of this genus follows Hoek (1963).
47. According to Bot *et al.* (1989) and Cambridge *et al.* (1990), *Cladophora flexuosa*, previously considered a synonym of *C. sericea* by Hoek (1963), is a distinct species.
48. The presence of this fresh-water species in the Mediterranean Sea needs to be confirmed.
49. Reported by Perret-Boudouresque and Seridi (1989) among *species inquirendae*.
50. The record from Greece (Gr 68) refers to fresh-water specimens.
51. This species includes *Cladophora pseudopellucida* Hoek (Hoek, 1979: 378).
52. Athanasiadis (1987: 148) does not consider this species to belong to the Greek flora.
53. On the basis of the study by Cambridge *et al.* (1990) the occurrence of this species in this area should be excluded.
54. On the basis of Hoek and Breeman's (1990) paper, the occurrence of this species in the warmest Mediterranean areas needs to be confirmed. Records from such areas may refer to *C. flexuosa* (see Bot *et al.* 1989; Cambridge *et al.* 1990).
55. The description of this species is considered by Hoek (1963) to be rather suggestive of *Cladophora liniformis* Kütz.
56. *Cladophoropsis pallida* Baardseth is not included in the Table since it was only recorded with doubt from Egypt (Bergin 1987).
57. According to P. C. Silva *et al.* (1987), *R. kerneri*, *R. kochianum* and *R. riparium* are distinct species.
58. This genus requires taxonomic and nomenclatural revision.
59. According to Ballesteros (1990), this species is conspecific with *B. plumosa*.
60. Records of the gametophytic stage known as *Bryopsis halymeniae* Berthold [= *Bryopsidella halymeniae* (Bertold) J. Feldmann], are included.
61. Gametophyte recorded in reference no. 143.
62. We follow P. C. Silva *et al.* (1987) in considering *C. mexicana* and *C. taxifolia* as distinct taxa.
63. According to González Henríquez and Santos Guerra (1983), *Caulerpa ollivieri* represents small specimens of *Caulerpa prolifera* f. *prolifera*.
64. Funk (1955: 28) noted that this species could be present in the Gulf of Naples.
65. According to Lipkin and Friedmann (1967), this taxon should be a persistent juvenile stage of *Caulerpa racemosa*.
66. The records of this species should probably be referred to *C. effusum*.
67. In this paper the subspecies is not indicated. We refer the record to subsp. *tomentosoides* since that is the only one occurring in the Mediterranean Sea.
68. The records of this species from CS 48, Si 72, Ad 71, Gr 7, Tu 83, Li 133 and Tn 20 probably refer to *C. vermilara*.
69. The gametophytic stage, known as *Halicystis boergesenii* Iyengar *et* Ramanathan, is also recorded.
70. Records of the gametophytic stage, known as *Halicystis parvula* Schmitz *ex* Murray, are included.
71. The calcareous discoidal stage is also cited from Fr 111 and WI 38 as *Pedodiscus lamourouxii* stadium Cinelli *et al.* 1981.
72. According to Mayhoub (1974), *Ostreobium quekettii* Born. *et* Flah. could be a development stage of *Trichosolen myura*.
73. We agree with Littler and Littler (1990) in recognizing the genus *Flabellia*.
74. According to Meinesz (1980), this species includes *Udotea minima* Ernst [= *Flabellia minima* (Ernst) Nizamuddin].
75. According to P. C. Silva *et al.* (1987), this taxon has no taxonomic value.
76. The records of the stage *Espera mediterranea* Decaisne are included.
77. Only the stage *Espera mediterranea* is recorded.
78. According to Por (1978), this record should be referred to *Acetabularia calyculus*.
79. According to Por (1978), this species should occur in Israel on the basis of Rayss' record as *Acetabularia mediterranea*.
80. The following varieties: var. *calcicola* (Hansg.) Giaccone *comb. nov.* and var. *pachyderma* (Hansg.) Giaccone *comb. nov.* are also reported.

Nomenclatural changes

According to Nielsen (1977), *Pseudulvella* Wille is a synonym of *Ulvella* P. L. *et* H. M. Crouan. Therefore the following new combination is proposed:

Ulvella nadsonii (Rochlina) Gallardo *et al.* comb. nov. [Basionym: *Pseudulvella nadsonii* Rochlina (1932, *Izv. AN SSSR, 7, 5*: 687, figs 1–2)].

According to O'Kelly (1983), *Pseudodictyon* Gardner is a synonym of *Acrochaete* Pringsheim. Therefore the following new combination is proposed:

Acrochaete inflata (Erceg.) Gallardo *et al.* comb. nov. [Basionym: *Pseudodictyon inflatum* Erceg. (1957, *Acta Adriatica, 8* [8]: 22–23, fig. 5a)].

Since *Chaetomorpha mediterranea* is the correct name for *C. capillaris*, the var. *crispa* of *C. capillaris* has to be transferred.

Chaetomorpha mediterranea (Kütz.) Kütz. var. *crispa* (J. Feldmann) Gallardo *et al.* comb. nov. [Basionym: *C. capillaris* (Kütz.) Borg. var. *crispa* J. Feldmann (1937, *Rev. algol.*, *9* [*3–4*]: 209–210, figs 17 A–F)].

Ochlochaete dendroides P. L. *et* H. M. Crouan var. *calcicola* Hansg. and var. *pachyderma* Hansg. were placed in the genus *Phaeophila* by Giaccone (1978), but the combinations were not validly published. Formal transfers are here proposed:

Phaeophila dendroides (P. L. *et* H. M. Crouan) var. *calcicola* (Hansg.) Giaccone comb. nov. [= *Ochlochaete dendroides* Crouan *et* Crouan var. *calcicola* Hansg. (1892: *Sitzungsb. Königl. Böhm. Ges. Wiss. Prag, Math.-Naturwiss. Cl.*: 235)].

Phaeophila dendroides (P. L. *et* H. M. Crouan) var. *pachyderma* (Hansg.) Giaccone comb. nov. [= *Ochlochaete dendroides* P. L. *et* H. M. Crouan var. *pachyderma* Hansg. (1892: *Sitzungsb. Königl. Böhm. Ges. Wiss. Prag, Math.-Naturwiss. Cl.*: 234–235)].

The alga illustrated by Kützing (Tab. Phycol. 6: pl. 79, fig. I. 1856) under the name *Bryopsis cupressoides* Lamouroux was considered to represent a distinct species by J. Feldmann (Rev. Algol. 9: 224, figs 23: II, 25A, 26A. 1937). Feldmann applied the name *B. cupressoides* Kütz. to his new species, but in accordance with Art. 48 of the I.C.B.N. (Greuter *et al.* 1988) this name must be ascribed solely to Feldmann (*B. cupressoides* J. Feldmann). Feldmann distinguished his new species from Lamouroux's alga, for which he retained its original name, *B. cupressina* Lamouroux (Lamouroux 1809). *B. cupressoides* J. Feldmann, however, is a later homonym of *B. cupressoides* J. Agardh (J. Agardh 1842), an illegitimate substitute name for *B. cupressina* Lamouroux. The following new name is proposed:

Bryopsis feldmannii Gallardo *et* Furnari *nom. nov. pro B. cupressoides* J. Feldmann 1937 *non* J. Agardh 1842.

Taxa excludenda

Carteria multifilis (Fresenius) Dill: (Sp 10). According to Ballesteros (1990: 41) the record of this taxon is based on a misidentification of *Enteromorpha* zoospores.

Chaetomorpha antennina (Bory) Kütz.: (Ag 140). According to Perret-Boudouresque and Seridi (1989), the occurrence of this species in the Mediterranean Sea should be confirmed.

Chaetomorpha herbipolensis Lagerh.: (Sp 112). Listed among *taxa excludenda* by Ballesteros and Romero (1982). It is a fresh-water alga (Starmach 1972: 219).

Chaetomorpha melagonium (Weber *et* Mohr) Kütz.: (Ag 140). According to Perret-Boudouresque and Seridi (1989), the occurrence of this species in the Mediterranean Sea should be confirmed.

Chaetophora pisiformis (Roth) J. Agardh: (BS 184). It is a fresh-water alga.

Chlamydomonas ovalis Pasch.: (Sp 11). It is a fresh-water alga (Ettl 1976).

Cladophora catenata (L.) Kütz.: [Tu 83 as *C. catenata* (C. Ag.) Ardiss; Li 133 as *C. catenata* (J. Ag.) Hauck]. According to van den Hoek (1963: 123), this name has usually been applied to Mediterranean specimens of *C. lehmanniana*.

Codium amphibium Moore *ex* Harvey: (Sp 65). According to P. C. Silva and Irvine (1960), it is a juvenile stadium of *Codium fragile*.

Derbesia marina (Lyngb.) Solier: only the gametophytic stage known as *Halicystis ovalis* (Lyngb.) Areschoug has been recorded from the Mediterranean (Wi 69, Si 16, Ad 152). These records apply to *H. parvula* Schmitz, the gametophytic stage of *Derbesia tenuissima*.

Endophyton ramosum Gardner: (Si 72) erroneous report.

Halimeda opuntia Lamouroux: (Gr 68). Excluded from the Greek flora by Athanasiadis (1987).

Microdictyon agardhianum Decaisne: (Tu 83). According to Athanasiadis (1987: 142), the record of this taxon from Turkey is doubtful, since there are no previous reports of it in the Mediterranean Sea (see also note 40).

Microdictyon umbilicatum (Velley) Zanard.: (WI 66). According to Setchell (1929) and G. Hamel (1931), this species does not occur in the Mediterranean.

Monostroma grevillei (Thur.) Wittr.: (Fr 19, Ad 71, Sp 14). This is a cold-water species whose presence in the Mediterranean Sea is doubtful.

Periplegmatium ceramii Kütz.: (Ad 71). This species is a brown alga (Nielsen 1979).

Pilinia rimosa Kütz.: (Sp 11, Si 72, Ad 71, BS 183). This species is a brown alga (Hooper *et al.* 1987).

Ulothrix tenerrima Kütz.: (BS 183). According to Lokhorst (1985), this is a fresh-water species.

Ulva gigantea (Kütz.) Bliding: (Gr 68, Li 133 as *U. lactuca* L. f. *genuina* Hauck). According to Bliding (1968), this taxon does not occur in the Mediterranean Sea.

Taxa inquirenda

Blidingia marginata var. *longior* Kütz.: (Ad 71).
Blidingia minima var. *capillaris* Schiffner: (Ad 71).
Blidingia minima var. *elongata* Schiffner: (Ad 71).
Blidingia minima var. *ramosa* Schiffner: (Ad 71).
Bryopsis comoides De Not.: (WI 142).
Bryopsis dasyphylla Zanard.: (Ad 142).
Bryopsis fastigiata Kütz.: (Ad 119).
Bryopsis implexa De Not.: (WI 142).
Bryopsis incurva Menegh. *ex* Frauenfeld: (Ad 142).
Bryopsis seminuda Menegh.: (Ad 142).
Chaetomorpha adriani J. Feldmann: (Fr 31).
Chaetomorpha breviarticulata Hauck: (Si 69). Probably a synonym of *Rhizoclonium tortuosum*.
Chaetomorpha fibrosa (Kütz.) Kütz.: (Ad 159, Gr 7). According to Athanasiadis (1987: 147), the current taxonomic status of this species is unknown and requires re-investigation.
Chaetomorpha littorea (Harvey) Carmich.: (Sp 172, WI 66).
Chaetomorpha stricta Schiffner *ex* Schiffner *et* Vatova: (Ad 152). According to Schiffner and Vatova (1937), this species seems to be intermediate between *C. limum* and *C. crassa*.
Chlamydomonas marina Cohn: (Gr 6). According to Ettl (1976), the taxonomic status of this taxon is doubtful.
Cladophora crystallina (Roth) Kütz.: (CS 30, Ad 61, BS 94, Tu 83, LS 146). According to Hoek (1963: 148), this taxon may be conspecific with either *C. glomerata* or *C. vagabunda*.
Cladophora crystallina var. *rigida* Erceg.: (Ad 60).
Cladophora crystallina var. *tenuissima* Erceg.: (Ad 60, Gr 132).
Cladophora crystallina var. *subdichotoma* Erceg.: (Ad 60, Gr 132).
Cladophora graeca Schiffner: (Gr 7 as *species excludenda*). According to Hoek (1963: 155), herbarium material from Greece referred to this name is partly referable to *C. vagabunda*.
Cladophora glaucescens (Griff. *ex* Harvey) Harvey: (CS 30 as *species inquirenda*).
Cladophora glomerata (L.) Kütz. var. *marina* Kütz.: (Gr 7 as *species excludenda*; Ag 140 as *species inquirenda*). According to Hoek (1963: 224), the taxonomic status of this taxon is obscure.
Cladophora pellucida (Huds.) Kütz. f. *tenuissima* Erceg.: (Ad 60, Tu 42). The diagnosis suggests that this taxon may be conspecific with *Cladophora feredayi* Hoek.
Cladophora refracta (Roth) Kütz.: (WI 66, Gr 68, Li 133).
Cladophoropsis psyttaliensis (Schmitz) Wille: (WI 66, Si 72, Gr 68, as *Siphonocladus psyttaliensis* Schmitz). According to Athanasiadis (1987), this species is probably conspecific with *C. membranacea*.
Codiolum dudresnayae Zimmermann *ex* Funk: (WI 66, Ad 61).
Codium cattaniae Vouk: (Ad 71).
Codium dichotomum Stackh.: (WI 66, Ad 152, LS 146, Eg 140).
Codium filiforme Mont.: (Ag 140 as *species inquirenda*).
Derbesia attenuata Funk *non* Dawson: (WI 66, Ad 60). Although Funk's diagnosis is not detailed, and nothing is said about the presence or absence of a pyrenoid, this species may be conspecific with *Bryopsis penicillum*.
Derbesia minima Funk *non* Weber van Bosse: (WI 66, Si 72). According to Erceg. (1957: 33), this species may be the sporophyte of *Bryopsidella neglecta*.
Derbesia sirenarum Funk: (WI 66, Ad 152).
Enteromorpha ramulosa var. *tenerrima* Schiffner: (Ad 71).
Entodictyon schilleri Schiffner: (Ad 71).
Epicladia halimedae (Hansg.) Reinke: (Ad 71).
Ernodesmis verticillata (Kütz.) Børg.: (WI 59). This record may be based on a misidentification of *Cladophora pellucida*, a rather common species in the area which surprisingly is not mentioned by the authors.
Gongrosira malardii (Wille) Printz: (Sp 173). The systematic position of this species is uncertain because it was transferred by Papenfuss and Fan *in* Papenfuss (1962: 10) to *Pilinia* Kütz. a genus whose type species (*Pilinia rimosa* Kütz.) has been shown to be a brown alga (Hooper *et al.* 1987).
Microdictyon schmitzii Miliarakis: (Gr 7 as *species excludenda*).
Microdictyon spongiola Berthold: (WI 66). According to Setchell (1929), this species is probably conspecific with *M. laxereticulatum* Setchell. If confirmed, Berthold's epithet would have nomenclatural priority.
Pilinia minor (Kütz.) Hansg.: (Ad 71). The systematic position of this taxon is uncertain, since the genus *Pilinia* Kütz. belongs to Fucophyceae (Hooper *et al.* 1987).

Protoderma marinum Reinke: (Ad 71).

Protoderma concharum Hansg.: (Ad 71).

Pseudodictyon porphyrae J. Feldmann: (Ag 140). Perret-Boudouresque and Seridi (1989: 80) pointed out that the taxonomic status of this taxon needs to be confirmed.

Pseudodictyon reticulatum Ercegovic: (Ad 60).

Rhizoclonium arenosum (Carmichael *ex* Harvey) Kütz.: (Sp 65). According to Burrows (1991), this species requires further investigation.

Rhizoclonium hieroglyphicum (C. Agardh) Kütz.: (Gr 68, BS 183).

Siphonocladus concrescens Reinbold and *Siphonocladus rhodensis* Reinbold: (Gr 78). According to Athanasiadis (1987), these species need to be re-examined.

Ulothrix brunnthaleri Schussnig: (Ag 71).

Ulothrix flexuosa Schussnig: (Ad 71).

Ulothrix longicauda Schussnig: (Ad 71).

Ulva cribrosa (J. Agardh) Born.: (Mo 124).

Ulva rigida C. Agardh var. *laciniata* (Wulfen) J. Agardh: (Gr 7). Possibly a variety of *U. rigida sensu* Bliding.

Urospora laeta (Thur. *ex* Born.) Børg.: (Ad 71).

Zygomitus reticulatus Born. *et* Flah.: (Tn 20).

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Alphabetical List of Taxa

(i = Taxon *inquirendum*; e = Taxon *excludendum*)

Acetabularia acetabulum
Acetabularia calyculus
Acetabularia mediterranea
Acetabularia mochii
Acetabularia parvula
Acrochaete geniculata
Acrochaete inflata
Acrochaete leptochaete
Acrochaete major
Acrochaete repens
Acrochaete viridis
Acrosiphonia centralis
Anadyomene stellata
Asteromonas gracilis
Blastophysa polymorpha
Blastophysa rhizopus
Blidingia chadefaudii
Blidingia marginata
Blidingia marginata subsp. subsalsa
Blidingia marginata var. longior i
Blidingia minima var. capillaris i
Blidingia minima var. elongata i
Blidingia minima var. *minima*
Blidingia minima var. *ramifera*
Blidingia minima var. ramosa i
Blidingia subsalsa

Bolbocoleon piliferum
Brachiomonas gracilis
Brachiomonas submarina
Brachiomonas westiana
Bryopsidella halymeniae
Bryopsidella neglecta
Bryopsidella ostreobiformis
Bryopsis adriatica
Bryopsis balbisiana
Bryopsis comoides i
Bryopsis corymbosa
Bryopsis cupressina
Bryopsis cupressina var. adriatica
Bryopsis cupressoides
Bryopsis dasyphylla i
Bryopsis dichotoma
Bryopsis disticha
Bryopsis duplex
Bryopsis fastigiata i
Bryopsis feldmannii
Bryopsis halymeniae
Bryopsis hypnoides
Bryopsis implexa i
Bryospsis incurva i
Bryopsis monoica
Bryopsis muscosa
Bryopsis penicillata
Bryopsis penicillum
Bryopsis pennata
Bryopsis plumosa
Bryopsis secunda
Bryopsis seminuda i
Capsosiphon fulvescens
Carteria feldmannii
Carteria multifilis e
Caulacrpa crassifolia
Caulerpa feldmannii
Caulerpa mexicana
Caulerpa ollivieri
Caulerpa prolifera
Caulerpa racemosa var. lamourouxii f. *requienii*
Caulerpa racemosa var. *racemosa*
Caulerpa scalpelliformis
Caulerpa sertularioides
Caulerpa taxifolia
Chaetomorpha adriani i
Chaetomorpha aerea
Chaetomorpha antennina e
Chaetomorpha breviarticulata
Chaetomorpha capillaris var. capillaris
Chaetomorpha capillaris var. crispa
Chaetomorpha chlorotica
Chaetomorpha crassa
Chaetomorpha fibrosa i
Chaetomorpha gracilis
Chaetomorpha herbipolensis e
Chaetomorpha linum
Chaetomorpha littorea i
Chaetomorpha mediterranea var. *crispa*
Chaetomorpha mediterranea var. *mediterranea*
Chaetomorpha melagonium e
Chaetomorpha pachynema
Chaetomorpha stricta i
Chaetomorpha zernovii
Chaetophora pisiformis e
Chaetosiphon moniliformis
Chlamydomonas marina i
Chlamydomonas ovalis e
Chlorochytrium reinhardtii
Chlorochytrium cohnii
Chlorochytrium moorei
Chlorochytrium willei
Cladophora aegagropila
Cladophora albida
Cladophora arcta
Cladophora battersii
Cladophora catenata e
Cladophora coelothrix
Cladophora cornea
Cladophora corynarthra
Cladophora crystallina i
Cladophora crystallina var. rigida i
Cladophora crystallina var. subdichotoma i
Cladophora crystallina var. tenuissima i
Cladophora dalmatica
Cladophora echinus
Cladophora feredayi
Cladophora flexuosa
Cladophora fracta
Cladophora glaucescens i
Cladophora globulina
Cladophora glomerata var. *crassior*
Cladophora glomerata var. *glomerata*
Cladophora glomerata var. marina i
Cladophora gracilis
Cladophora graeca i
Cladophora hutchinsiae
Cladophora kerkennae
Cladophora lactevirens
Cladophora lanosa
Cladophora lanosa f. uncialis
Cladophora lehmanniana
Cladophora liebetruthii
Cladophora liniformis
Cladophora mediterranea
Cladophora nigrescens
Cladophora pellucida
Cladophora pellucida f. tenuissima i
Cladophora prolifera
Cladophora pseudopellucida
Cladophora ramosissima
Cladophora ramulosa
Cladophora refracta i
Cladophora repens
Cladophora retroflexa
Cladophora ruchingeri
Cladophora rudolphiana
Cladophora rupestris
Cladophora sericea
Cladophora sivashensis
Cladophora socialis
Cladophora utriculosa
Cladophora vadorum
Cladophora vagabunda
Cladophoropsis gerloffii
Cladophoropsis membranacea
Cladophoropsis modonensis
Cladophoropsis pallida
Cladophoropsis psyttaliensis i
Cladophoropsis zollingeri
Codiolum dudresnayae i
Codiolum gregarium
Codiolum penicilliforme
Codium adhaerens
Codium amphibium e
Codium bursa
Codium cattaniae i
Codium coralloides
Codium decorticatum
Codium dichotomum i
Codium difforme
Codium effusum
Codium elongatum
Codium filiforme i
Codium fragile subsp. *tomentosoides*
Codium taylorii
Codium tomentosum
Codium vermilara
Dasycladus clavaeformis
Dasycladus vermicularis
Derbesia attenuata
Derbesia boergesenii
Derbesia corallicola
Derbesia lamourouxii
Derbesia marina e
Derbesia minima i
Derbesia neglecta
Derbesia sirenarum i
Derbesia tenuissima
Didymosporangium repens
Dunaliella salina
Ectochaete leptochaete
Ectochaete wittrockii
Endoderma endolithicum
Endoderma hirsutum
Endoderma majus
Endoderma viride
Endoderma wittrockii
Endophyton ramosum e
Enteromorpha adriatica
Enteromorpha ahlneriana
Enteromorpha aragoënsis
Enteromorpha aureola
Enteromorpha clathrata
Enteromorpha compressa var. *compressa*
Enteromorpha compressa var. *usneoides*
Enteromorpha crinita
Enteromorpha flexuosa subsp. *biflagellata*
Enteromorpha flexuosa subsp. *flexuosa*
Enteromorpha flexuosa subsp. *linziformis*
Enteromorpha flexuosa subsp. *paradoxa* var. *paradoxa*
Enteromorpha flexuosa subsp. *paradoxa* var. *profunda*
Enteromorpha flexuosa subsp. *pilifera*
Enteromorpha hendayensis
Enteromorpha intestinalis var. *asexualis* f. *cornucopiae*
Enteromorpha intestinalis var. *intestinalis*
Enteromorpha jugoslavica
Enteromorpha jürgensii
Enteromorpha kylinii
Enteromorpha lingulata
Enteromorpha linza
Enteromorpha linza var. crispata
Enteromorpha linza var. lanceolata
Enteromorpha linziformis
Enteromorpha maeotica

Enteromorpha multiramosa
Enteromorpha muscoides
Enteromorpha pilifera
Enteromorpha plumosa
Enteromorpha prolifera subsp. *gullmariensis*
Enteromorpha prolifera subsp. *prolifera*
Enteromorpha prolifera subsp. *radiata*
Enteromorpha pseudolinza
Enteromorpha radiata
Enteromorpha ralfsii
Enteromorpha ramulosa
Enteromorpha ramulosa var. tenerrima i
Enteromorpha simplex
Enteromorpha stipitata var. *linzoides*
Enteromorpha torta
Enteromorpha usneoides
Entocladia endolithica
Entocladia flustrae
Entocladia leptochaete
Entocladia major
Entocladia pennata
Entocladia perforans
Entocladia viridis
Entocladia wittrockii
Entodictyon schilleri i
Epicladia flustrae
Epicladia halimedae i
Epicladia pontica
Ernodesmis verticillata i
Espera mediterranea
Eugomontia sacculata
Flabellia minima
Flabellia petiolata
Gayralia oxysperma
Gayralia oxysperma f. wittrockii
Gomontia polyrhiza
Gongrosira malardii i
Halicystis boergesenii
Halicystis ovalis e
Halicystis parvula
Halimeda opuntia e
Halimeda tuna f. *albertisii*
Halimeda tuna f. *platydisca*
Halimeda tuna f. *tuna*
Halosphaera viridis
Hormiscia implexa
Lola lubrica
Microdictyon agardhianum e
Microdictyon boergesenii
Microdictyon laxereticulatum
Microdictyon schmitzii i
Microdictyon spongiola i
Microdictyon tenuius
Microdictyon umbilicatum e
Monostroma fuscum
Monostroma grevillei e
Monostroma latissimum
Monostroma obscurum
Monostroma oxyspermum
Monostroma wittrockii
Ochlochaete dendroides var. calcicola
Ochlochaete dendroides var. pachyderma
Ochlochaete ferox
Ochlochaete hystrix
Ochlochaete hystrix var. ferox
Ochlochaete lentiformis
Oltmannsiella lineata
Ostreobium quekettii
Palmophyllum crassum f. *gestroi*
Palmophyllum crassum var. *crassum*
Palmophyllum crassum var. *orbiculare*
Palmophyllum orbiculare
Pedobesia lamourouxii
Pedobesia solieri
Pedodiscus lamourouxii
Penicillus capitatus
Penicillus capitatus f. mediterraneus
Percursaria percursa
Periplegmatium ceramii e
Phaeophila dendroides
Phaeophila dendroides var. *calcicola*
Phaeophila dendroides var. *pachyderma*
Phaeophila divaricata
Phaeophila engleri
Phaeophila hirsuta
Phaeophila viridis
Phaeophila wittrockii
Pilinia malardii i
Pilinia minor i
Pilinia rimosa e
Planophila microcystis
Platymonas tetrathele
Polyphysa parvula
Prasinocladus lubricus f. *subsalsa*
Prasinocladus marinus
Prasiola crispa
Prasiola stipitata
Pringsheimiella conchyliophila
Pringsheimiella scutata
Protoderma concharum i
Protoderma marinum i
Pseudendoclonium submarinum
Pseudobryopsis myura
Pseudochlorodesmis furcellata var. *canariensis*
Pseudolchlorodesmis furcellata var. *furcellata*
Pseudochlorodesmis tenuis
Pseudodictyon geniculatum
Pseudodictyon inflatum
Pseudodictyon porphyrae i
Pseudodictyon reticulatum i
Pseudopringsheimia confluens
Pseudulvella nadsonii
Pyramimonas amylifera
Pyramimonas octociliata
Rhizoclonium arenosum i
Rhizoclonium hieroglyphicum i
Rhizoclonium implexum
Rhizoclonium kerneri
Rhizoclonium kochianum
Rhizoclonium lubricum
Rhizoclonium riparium
Rhizoclonium tortuosum
Siphonocladus concrescens i
Siphonocladus psyttaliensis
Siphonocladus pusillus
Siphonocladus rhodensis i
Sphaeroplea braunii
Spongomorpha aeruginosa
Spongomorpha arcta
Spongomorpha lanosa
Spongomorpha uncialis
Stromatella monostromatica
Stromatella papillosa
Tellamia contorta
Tetraselmis fontiana
Tetraspora gelatinosa
Trichosolen myura
Udotea minima
Udotea petiolata
Ulothrix brunnthaleri i
Ulothrix flacca
Ulothrix flexuosa i
Ulothrix implexa
Ulothrix longicauda i
Ulothrix pseudoflacca
Ulothrix subflaccida
Ulothrix tenerrima e
Ulothrix tenuissima
Ulothrix zonata
Ulva bifrons
Ulva cribrosa i
Ulva curvata
Ulva fasciata
Ulva gigantea e
Ulva lactuca
Ulva lactuca f. genuina e
Ulva linearis
Ulva neapolitana
Ulva olivascens
Ulva rigida
Ulva rigida var. laciniata i
Ulva rotundata
Ulva scandinavica
Ulvaria oxysperma var. *oxysperma* f. *oxysperma*
Olvaria oxysperma var. *oxysperma* f. *wittrockii*
Ulvella acervus
Ulvella confluens
Ulvella lens
Ulvella microcystis
Ulvella monostromatica
Ulvella nadsonii
Ulvella papillosa
Ulvella setchellii
Urospora laeta i
Urospora mirabilis
Urospora penicilliformis
Urospora wormskioldii
Valonia aegagropila
Valonia macrophysa
Valonia utricularis
Valonia ventricosa
Ventricaria ventricosa
Zygomitus reticulatus i