

Updated Checklist of the Benthic Marine Macroalgae of the Philippines

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Records of taxa of benthic marine macroalgae in the Philippines continue to increase as molecular-based biodiversity and systematics research involving seaweed specimens collected from various localities in the country continue to grow. Several molecular systematics studies on seaweeds within the last decade also resulted in taxonomic, nomenclatural, and classification changes, consequently affecting our knowledge and understanding of the biodiversity of the Philippine seaweed flora. Moreover, global efforts to make biodiversity resources that are deposited in various herbaria openly available through online databases provide a good opportunity to reassess our current foundational biodiversity knowledge on these ecologically and economically important marine resources. Herein, we provide an updated checklist of Philippine seaweeds by integrating results of recent biodiversity and systematics studies and by perusing open-access records of seaweeds collected from the Philippines that are deposited in foreign herbaria and/or found in online databases. We report a total of 1,065 seaweed taxa in the Philippines; this is composed primarily of 600 red seaweed taxa (Florideophyceae and Bangiophyceae, Rhodophyta), followed by 272 green seaweed taxa (Ulvophyceae, Chlorophyta), and by 193 brown seaweed taxa (Phaeophyceae, Ochrophyta). We added a total of 104 new records (including recently described species) to the latest checklist on Philippine seaweeds in 2013, more than half of which were derived from records of the collections deposited in foreign herbaria. The latter highlights the need to make herbarium collection records accessible and underscores the important role of herbaria (and museums in general) in documenting and preserving biodiversity resources of biodiversity hotspot areas such as the Philippines. We also reiterate here the call to increase support in building local expertise and funding on marine (seaweed) biodiversity and systematics research as these are crucial not only in documenting and conserving our marine biodiversity resources but also in developing them for their socio-economic values.

Keywords: AlgaeBase, biodiversity, herbarium, Pacific Ocean, seaweeds, tropical seaweeds

INTRODUCTION

Recent advances in molecular techniques are ushering in a new golden era for seaweed biodiversity research in the Philippines and worldwide, including discoveries and descriptions of new taxa across different phyletic levels. Some of these works include those of Hernández-

Kantún *et al.* (2012), Boo and Geraldino (2016), Gabriel *et al.* (2017), Dumilag and Yap (2018), and Santiañez and Wynne (2020a, b) on red seaweeds; Santiañez *et al.* (2018a, b), Vieira *et al.* (2019), and Santiañez and West (2019) on brown seaweeds; and Sherwood *et al.* (2019) on green seaweeds, among others. Concomitant with these local and global studies on the biodiversity and systematics of seaweeds is the surge of taxonomic,

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nomenclatural, and classification changes, consequently affecting our knowledge and understanding of the biodiversity of the Philippine seaweeds.

Increasing efforts to make (marine) biodiversity information accessible in online databases provide opportunities to gather and update information on Philippine seaweed biodiversity and distribution towards a better understanding of our marine environment in general. One of the oldest databases on marine algae is the Index Nominum Algarum (INA) of the University of California, Berkeley in the United States of America (USA) (www.ucjeps.berkeley.edu/INA.html). Housed at the Silva Center for Phycological Documentation, it has served as a card file system and later as an open-access resource for reported algal names since 1949 (Silva and Moe 1999; Woelkerling 2011). AlgaeBase (www.algaebase.org) maintains an updated list of newly described taxa, valid taxonomic names, currently accepted names, and other pertinent information of over 158,000 taxa of terrestrial, marine, and freshwater algae (Guiry *et al.* 2014; Guiry and Guiry 2020) and has long been a reliable reference among phycologists, including seaweed biodiversity scientists. In 2013, a consortium of more than 50 institutions, botanical gardens, and museums in the USA have collaborated to establish the Macroalgal Herbarium Portal (www.macroalgae.org), a public digital repository of scanned herbarium collections that seek to give insights about the changes in global seaweed biodiversity in the past 150 years (Macroalgal Herbarium Portal 2020). Other large museums and databases – such as the Smithsonian National Museum of Natural History, Natural History Museum, Global Biodiversity Information Facility, among others – have also provided open-access data on marine floras worldwide.

With the increasing rate of species descriptions and reports of new occurrences, numerous taxonomic revisions, and the wide availability of open-access online databases – especially of collections from several herbaria worldwide – we believe it is necessary to assess and update the records of seaweeds in the Philippines. Several years have passed since the last checklist of the diversity of Philippine seaweeds (*i.e.* Ang *et al.* 2013) and we present here the most recent comprehensive and updated checklist of the seaweed resources of the Philippines. As names introduce the kind and quality of seaweed derivatives, enhance their economic values (Abbott 1985), and different taxa (especially at the genus level) have varied ecology and natural products chemistry [*e.g.* eucaumatoid genera (Doty 1995; Santiañez and Wynne 2020a)], we hope that by providing this updated list of seaweed names we can help advance the development, management, and conservation of these economically important marine resources (Trono and Largo 2020).

MATERIALS AND METHODS

Large distributional datasets were downloaded from AlgaeBase (Guiry and Guiry 2020) and, together with other checklists on Philippine seaweeds [*i.e.* Silva *et al.* (1987), Ganzon-Fortes (2012), Ang *et al.* (2013), and Phang *et al.* (2016)], these were used as major references for this checklist. Only seaweed species under Bangiophyceae, Florideophyceae, Ulvophyceae, and Phaeophyceae were included, and only valid species taxa and names reported until 30 May 2020 were incorporated into the final list. We also downloaded the records of specimens collected from the Philippines from the open-access databases of Macroalgal Herbarium Portal (www.macroalgae.org) and Smithsonian National Museum of Natural History (www.collections.nmnh.si.edu). Records of seaweeds deposited at the G.T. Velasquez Phycological Herbarium at the Marine Science Institute (MSI), University of the Philippines (UP) Diliman, Quezon City, Philippines, were also downloaded from its local database.

After sorting and finalizing the list of unique taxa from the databases, each taxonomic name was checked for its validity and synonymy in AlgaeBase and INA. Where possible, we also perused the original literature where these names first appeared. For records from the Macroalgal Herbarium Portal, we individually checked the information written on the herbarium labels of each specimen and assessed for their inclusion in the list based on scanned materials and other pertinent information. Records that we deemed misidentified (*e.g.* those taxa typical of cold waters or whose morphologies are typical of other taxa) were excluded from this list. Synonyms, misapplied names, and invalid names for each species – as previously reported in the literature – were still included in the list.

We also removed from the previous checklist of Philippine seaweeds some taxa such as 1) those whose collection locality was not from the Philippines; 2) taxa whose known distribution is typical of colder waters; and, 3) taxa which are known or collected only in freshwater (especially true among green seaweeds). All removed taxa were grouped into a separate table along with the corresponding remarks for their exclusion. Similar to Ang *et al.* (2013), names that were not yet verified by AlgaeBase were still included along with preliminary records along with remarks on their sources and identities. Names were listed similar to those of Ang *et al.* (2013), *i.e.* all names were arranged alphabetically under their respective family and phylum, along with the preliminary entries.

RESULTS AND DISCUSSION

We report herein a total of 1,065 accepted names of seaweed taxa, including infraspecific names, from the Philippines (Tables 1–3). Of these, 193 are brown (Phaeophyceae, Ochrophyta), 272 are green (Ulvophyceae, Chlorophyta), and 600 are red (Florideophyceae and Bangiophyceae, Rhodophyta) seaweeds. Our list considerably increased the number of seaweed taxa reported in the Philippines by adding a total of 104 taxa (Table 4) from the latest report by Ang *et al.* (2013), which reported 966 seaweed taxa. This tally is the result of our study, despite removing several recorded taxa from the latest list. Our report still makes the Philippines the most diverse in terms of seaweed resources in the tropical western Pacific (Nguyen *et al.* 2013; Phang *et al.* 2016).

Fifty-six (56) new records of seaweed taxa came from the data of various participating herbaria under the Macroalgal Herbarium Consortium and collection records of the Smithsonian National Museum of Natural History in the USA. The significant increase in the total number of recorded seaweed taxa in the Philippines resulting from records of specimens deposited in various foreign herbaria is not surprising, considering that many of these were collected during the period when the Philippines was still a colony of the USA, and there is an apparent lack of students and studies on these algal collections. Hence, these taxa remained “hidden” until these records have been digitized and made openly accessible online through the Macroalgal Herbarium Portal (www.macroalgae.org), among others. Of these 56 taxa, 20 are red seaweeds, 24 are green, 12 are brown seaweeds. Among brown

Table 1. List of brown seaweeds (Phaeophyceae, Ochrophyta) in the Philippines, including their synonyms, invalid names, and misapplied names/misidentifications. New records are written in bold letters and databases where these records were derived have been indicated by numerical superscripts: ¹ for AlgaeBase, ² for the Macroalgal Herbarium Portal, ³ for collection records of the Smithsonian National Museum of Natural History, ⁴ for the materials of the G.T. Velasquez Phycological Herbarium, and ⁵ for those from Modelo and Umezaki (1995).

List no.	Currently accepted name	Synonym/ invalid name	Remarks
Family Acinetosporaceae			
1	<i>Feldmannia columellaris</i> (Børgesen) Islam 1976	<i>Ectocarpus columellaris</i> Børgesen	
2	<i>Feldmannia formosana</i> (Yamada) Itono 1973		
3	<i>Feldmannia indica</i> (Sonder) Womersley & A. Bailey 1970	<i>Ectocarpus indicus</i> Sonder <i>Hincksia indica</i> (Sonder) J. Tanaka	
4	<i>Feldmannia irregularis</i> (Kützing) Hamel 1939	<i>Ectocarpus irregularis</i> Kützing	
5	<i>Feldmannia mitchelliae</i> (Harvey) H.-S. Kim 2010	<i>Ectocarpus mitchelliae</i> Harvey <i>Hincksia mitchelliae</i> (Harvey) P.C. Silva	
Family Asteronemataceae			
6	<i>Asteronema breviararticulatum</i> (J. Agardh) Ouriques & Bouzon 2000	<i>Ectocarpus breviararticulatus</i> J. Agardh <i>Hincksia breviararticulata</i> (J. Agardh) P.C. Silva	
Family Cutleriaceae			
7	<i>Mutimo cylindricus</i> (Okamura) H. Kawai & T. Kitayama 2012	<i>Cutleria cylindrica</i> Okamura	
Family Dictyotaceae			
8	<i>Canistrocarpus cervicornis</i> (Kützing) De Paula & De Clerck 2006	<i>Dictyota cervicornis</i> Kützing <i>Dictyota indica</i> Sonder ex Kützing	
9	<i>Canistrocarpus crispatus</i> (J.V. Lamouroux) De Paula & De Clerck 2006	<i>Dictyota bidentata</i> Harvey & Bailey <i>Dictyota crispata</i> J.V. Lamouroux	
10	<i>Dictyopteris camiguinensis</i> Tanaka 1967		Type locality: San Pio Quinto, Camiguin Island, Babuyan Islands, Cagayan, Luzon, The Philippines (Tanaka 1967: 16)
11	<i>Dictyopteris delicatula</i> J.V. Lamouroux 1809		

List no.	Currently accepted name	Synonym/ invalid name	Remarks
12	<i>Dictyopteris divaricata</i> (Okamura) Okamura 1932		
13	<i>Dictyopteris jamaicensis</i> W.R. Taylor 1960		
14	<i>Dictyopteris pacifica</i> (Yendo) I.K. Hwang, H.-S. Kim & W.J. Lee 2004		
15	<i>Dictyopteris polypodioides</i> (A.P. De Candolle) J.V. Lamouroux 1809	<i>Dictyopteris membranacea</i> Batters	
16	<i>Dictyopteris repens</i> (Okamura) Borgesen 1924		
17	<i>Dictyopteris undulata</i> Holmes 1896		
18	<i>Dictyota acutiloba</i> J. Agardh 1848²		Deposited in Farlow Herbarium of Harvard University: FH00805920 , collected from the Philippines (unspecified locality)
19	<i>Dictyota bartayresiana</i> J.V. Lamouroux 1809	<i>Dictyota patens</i> J. Agardh <i>Dictyota bartayresii</i> J.V. Lamouroux	
20	<i>Dictyota canaliculata</i> De Clerck & Coppejans 1997¹		
21	<i>Dictyota ceylanica</i> Kützing 1859		
22	<i>Dictyota ciliolata</i> Sonder ex Kützing 1859		
23	<i>Dictyota crenulata</i> J. Agardh 1847	<i>Dictyota bartayresiana</i> var. <i>denticulata</i> Kützing	
24	<i>Dictyota dichotoma</i> (Hudson) J.V. Lamouroux 1809	<i>Dictyota volubilis</i> Kützing	
25	<i>Dictyota dichotoma</i> var. <i>intricata</i> (C. Agardh) Greville 1830²		Deposited in University of Michigan Herbarium: MICH634083 , collected from Darigayos, Luna, La Union (1973); MICH634091 , collected from Siasi Islands, Sulu (1957)
26	<i>Dictyota friabilis</i> Setchell 1926		Deposited in University Herbarium, University of California, Berkeley: UC1831049 , collected from Panacalan Island, Anda, Pangasinan (1953); UC1498281 , collected from Inagawan, Puerto Princesa, Palawan (1980)
27	<i>Dictyota grossedentata</i> De Clerck & Coppejans 1999²		Deposited in University of North Carolina at Chapel Hill Herbarium: NCU-A-0036280 , collected from Northwest side of Sulpa Island, Cebu (1993)
28	<i>Dictyota implexa</i> (Desfontaines) J.V. Lamouroux 1809	<i>Dictyota divaricata</i> J.V. Lamouroux <i>Dictyota linearis</i> (C. Agardh) Greville	
29	<i>Dictyota intermedia</i> Zanardini 1874²	<i>Dictyota zonata</i> J. Agardh	Deposited in University of New Hampshire - Macroalgal Collection: NHA-637942 , collected from Sumilon Island, near Negros Island and Cebu (1984)
30	<i>Dictyota lata</i> J.V. Lamouroux 1809		Deposited in University of South Florida Herbarium: USF-A12558 , collected from West end of Sumilon Island, Cebu (1984)

List no.	Currently accepted name	Synonym/ invalid name	Remarks
31	<i>Dictyota major</i> W.R. Taylor 1945		
32	<i>Dictyota mertensii</i> (C. Martius) Kützing 1859	<i>Dictyota dentata</i> J.V. Lamouroux	
33	<i>Dictyota stolonifera</i> E.Y. Dawson 1962¹		
34	<i>Lobophora boussoleae</i> C.W. Vieira & Payri 2019¹		
35	<i>Lobophora variegata</i> (J.V. Lamouroux) Womersley ex E.C. Oliveira 1977	<i>Gymnosorus variegatus</i> (J.V. Lamouroux) J. Agardh <i>Pocockiella variegata</i> (J.V. Lamouroux) Papenfuss <i>Zonaria variegata</i> (J.V. Lamouroux) C. Agardh	
36	<i>Padina antillarum</i> (Kützing) Piccone 1886		
37	<i>Padina arborescens</i> Holmes 1896		
38	<i>Padina australis</i> Hauck 1887		
39	<i>Padina boryana</i> Thivy 1966	<i>Padina tenuis</i> Bory de Saint-Vincent <i>Padina commersonii</i> Bory de Saint-Vincent	
40	<i>Padina distromatica</i> Hauck 1887		
41	<i>Padina fernandeziana</i> Skottsberg & Levring 1941		
42	<i>Padina fraseri</i> (Greville) Greville 1830		
43	<i>Padina gymnospora</i> (Kützing) Sonder 1871	<i>Padina crassa</i> Yamada <i>Padina vickersiae</i> Hoyt <i>Zonaria gymnospora</i> Kützing	
44	<i>Padina japonica</i> Yamada 1931		
45	<i>Padina jonesii</i> Tsuda 1972		
46	<i>Padina minor</i> Yamada 1925		
47	<i>Padina moffittiana</i> Abbott & Huisman 2003		
48	<i>Padina pavonica</i> (Linnaeus) Thivy 1960	<i>Dictyota pavonia</i> (Linnaeus) J.V. Lamouroux	
49	<i>Padina sanctae-crucis</i> Børgesen 1914		
50	<i>Padina somalensis</i> Hauck 1887²		Deposited in University Herbarium, University of California, Berkeley: UC1402244 , collected from Pasay beach, Metro Manila (1915)
51	<i>Padina tetrastromatica</i> Hauck 1887		
52	<i>Rugulopteryx okamurae</i> (E.Y. Dawson) I.K. Hwang, W.J. Lee & H.S. Kim 2009		
53	<i>Spatoglossum asperum</i> J. Agardh 1894		
54	<i>Spatoglossum variabile</i> Figari & De Notaris 1853		
55	<i>Stypodium flabelliforme</i> Weber-van Bosse 1913		
56	<i>Stypodium zonale</i> (J.V. Lamouroux) Papenfuss 1940	<i>Stypodium lobatum</i> (C. Agardh) Kützing	
57	<i>Zonaria diesingiana</i> J. Agardh 1841		
58	<i>Zonaria flabellata</i> (Okamura) Papenfuss 1944		

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Family Ectocarpaceae			
59	<i>Ectocarpus rallsiae</i> Vickers 1905	<i>Hincksia rallsiae</i> (Vickers) P.C. Silva	
60	<i>Ectocarpus simpliciusculus</i> var. <i>vitiensis</i> Askenasy 1827 ²		Deposited in Farlow Herbarium of Harvard University: FH00804832 , collected from the Philippines (unspecified locality) Deposited in University Herbarium, University of California, Berkeley: UC207331 , collected from the Philippines (unspecified locality)
Family Mesosporaceae			
61	<i>Mesospora negrosensis</i> J.A. West & H.P. Calumpong 1996		Type locality: Lalaan, San Jose, Negros Oriental, Philippines (West and Calumpong 1996: 5)
Family Ralfsiaceae			
62	<i>Ralfsia verrucosa</i> (Areschoug) Areschoug 1845		
Family Sargassaceae			
63	<i>Hormophysa cuneiformis</i> (J.F. Gmelin) P.C. Silva 1987	<i>Cystoseira articulata</i> J. Agardh <i>Cystoseira prolifera</i> J. Agardh <i>Hormophysa triquetra</i> (C. Agardh) Kützing	
64	<i>Myagropsis myagroides</i> (Mertens ex Turner) Fensholt 1955	<i>Cystophyllum sisymbroides</i> (Turner) J. Agardh	
65	<i>Sargassum abbotiae</i> Trono 1994		Type locality: Pulong Bakaw, Calatagan, Batangas, Philippines (Trono 1994: 5)
66	<i>Sargassum acinaciforme</i> Montagne 1850 ⁵		
67	<i>Sargassum agardhianum</i> Farlow 1889		
68	<i>Sargassum angii</i> L.M. Liao in Modelo <i>et al.</i> (1998)	<i>Sargassum yamadae</i> Trono, nom. illeg.	Type locality: Barrio Pangil, Currimao, Ilocos Norte, Philippines (Trono 1994: 4)
69	<i>Sargassum angustifolium</i> C. Agardh 1820 ⁵		
70	<i>Sargassum aquifolium</i> (Turner) C. Agardh 1820	<i>Sargassum binderi</i> Sonder ex J. Agardh <i>Sargassum crassifolium</i> J. Agardh <i>Sargassum heterocystum</i> Montagne <i>Sargassum oocyste</i> J. Agardh	
71	<i>Sargassum bacularia</i> (Mertens) C. Agardh 1824		
72	<i>Sargassum balingasayense</i> Trono 1994		Type locality: Barrio Balingasay, Bolinao, Pangasinan, Philippines (Trono 1994: 5)
73	<i>Sargassum bataanense</i> Trono 1994		Type locality: Pulong Bato, Orion, Bataan, Philippines (Trono 1994: 6)
74	<i>Sargassum belangeri</i> Bory de Saint-Vincent 1834		Syntype localities: Sunda Strait and Java, Indonesia; Philippine Islands (Bory de Saint-Vincent 1834: 162)
75	<i>Sargassum capillare</i> Kützing 1843	<i>Sargassum gracile</i> Greville	
76	<i>Sargassum carpophyllum</i> J. Agardh 1848 ¹		
77	<i>Sargassum cervicorne</i> Greville 1849	<i>Sargassum binderi</i> var. <i>angustifolium</i> Sonder	

List no.	Currently accepted name	Synonym/ invalid name	Remarks
78	<i>Sargassum cinctum</i> J. Agardh 1848		
79	<i>Sargassum cinctum</i> var. <i>gracilentum</i> Grunow 1915		Syntype localities: Coast of Australia: Goodie Island, Balina, Rockingham; near Manila, Philippines (Grunow 1915: 419)
80	<i>Sargassum cinctum</i> var. <i>jagorii</i> Grunow 1915		Type locality: Luzon, Philippines (Grunow 1915: 421)
81	<i>Sargassum cinctum</i> var. <i>mixtum</i> Grunow 1915		Type locality: Near Manila, Luzon, Philippines (Grunow 1915: 419)
82	<i>Sargassum confusum</i> C. Agardh 1824		
83	<i>Sargassum corderoi</i> R.B. Modelo Jr., I. Umezaki & L.M. Liao 1998		Type locality: Polo, New Washington, Aklan, Panay Island, Philippines (Modelo <i>et al.</i> 1998: 79)
84	<i>Sargassum crassifolium</i> var. <i>subduplicatum</i> Grunow 1915		Syntype localities: Makassar, Indonesia; Strait Bernardino, Philippines (Grunow 1915: 421)
85	<i>Sargassum crispifolium</i> Yamada 1931		
86	<i>Sargassum currimaoense</i> Trono 1994		Type locality: Pangil, Currimao, Ilocos Norte, Philippines (Trono 1994: 6)
87	<i>Sargassum cystocarpum</i> C. Agardh 1820		
88	<i>Sargassum cystophyllum</i> Montagne 1842		Type locality: Manila, Luzon, Philippines (Montagne 1842: 249)
89	<i>Sargassum distichum</i> Sonder 1845	<i>Sargassum aemulum</i> Sonder	
90	<i>Sargassum dotyi</i> Trono 1994		Type locality: Honduras, Puerto Galera, Oriental Mindoro, Philippines (Trono 1994: 3)
91	<i>Sargassum droserifolium</i> var. <i>spathulatum</i> Grunow 1915		Type locality: Strait Bernardino, Philippines (Grunow 1915: 411)
92	<i>Sargassum duplicatum</i> var. <i>rotundatum</i> Grunow 1915	<i>Sargassum duplicatum</i> var. <i>rotundata</i> Grunow	Syntype localities: Philippine Islands; Java, Indonesia; Seychelles (Grunow 1915: 392-393)
93	<i>Sargassum esperi</i> C. Agardh 1820		
94	<i>Sargassum feldmannii</i> P.-H. Hô 1967		
95	<i>Sargassum filifolium</i> (C. Agardh) C. Agardh 1824		
96	<i>Sargassum filifolium</i> var. <i>aciculare</i> (Grunow) Grunow 1916		
97	<i>Sargassum filiforme</i> Montagne 1844		Type locality: <i>in insulis Philippinensibus</i> (Montagne 1844: 660) (Silva <i>et al.</i> 1996: 672)
98	<i>Sargassum fluitans</i> (Børgesen) Børgesen 1914		
99	<i>Sargassum fulvellum</i> (Turner) C. Agardh 1820	<i>Sargassum enerve</i> C. Agardh	
100	<i>Sargassum furcatum</i> Kützing 1843		
101	<i>Sargassum giganteifolium</i> Yamada 1925		
102	<i>Sargassum glaucescens</i> J. Agardh 1848⁵		
103	<i>Sargassum gracillimum</i> Reinbold 1913		

List no.	Currently accepted name	Synonym/ invalid name	Remarks
104	<i>Sargassum graminifolium</i> C. Agardh 1820²		Deposited in Farlow Herbarium of Harvard University: FH00883294 , collected from Taytay, Palawan (1913). Deposited in University Herbarium, University of California, Berkeley: UC1516154 , collected from Pasay beach, Metro Manila (1910); UC1516159 , collected from Tacloban, Leyte (1914); UC144904 , collected from Cebu
105	<i>Sargassum granuliferum</i> C. Agardh 1820		
106	<i>Sargassum hemiphyllum</i> (Turner) C. Agardh 1820		
107	<i>Sargassum henslowianum</i> C. Agardh 1848⁵		
108	<i>Sargassum herporhizum</i> Setchell & N.L. Gardner 1924⁵		
109	<i>Sargassum hombronianum</i> var. <i>manilense</i> (Grunow) Grunow 1916	<i>Sargassum polycystum</i> var. <i>manilense</i> Grunow	Type locality: Cavite, Luzon, Philippines (Grunow 1916: 8)
110	<i>Sargassum horneri</i> (Turner) C. Agardh 1820	<i>Sargassum filicinum</i> Harvey	
111	<i>Sargassum ilicifolium</i> (Turner) C. Agardh 1820	<i>Sargassum cristaefolium</i> C. Agardh <i>Sargassum duplicatum</i> Bory de Saint-Vincent <i>Sargassum droserifolium</i> Bory de Saint-Vincent <i>Sargassum berberifolium</i> J. Agardh <i>Sargassum duplicatum</i> (J. Agardh) J. Agardh <i>Sargassum sandei</i> Reinbold <i>Sargassum turbinatifolium</i> C.K. Tseng & Lu Baroen	
112	<i>Sargassum ilicifolium</i> f. <i>benkulense</i> Grunow 1915		Syntype localities: Pulau Tikus, near Bengkulu, Sumatra, Indonesia; Philippine Islands (Grunow 1915: 407)
113	<i>Sargassum ilicifolium</i> var. <i>compactum</i> (Bory de Saint-Vincent) Grunow 1915		
114	<i>Sargassum ilicifolium</i> var. <i>pseudospinosum</i> Grunow 1915		
115	<i>Sargassum kushimotoense</i> Yendo 1907		
116	<i>Sargassum latifolium</i> (Turner) C. Agardh 1820		
117	<i>Sargassum microcystum</i> f. <i>luzonense</i> Grunow 1915	<i>Sargassum microcystum</i> f. <i>luzonensis</i> Grunow	Type locality: Near Manila, Luzon, Philippines (Grunow 1915: 413)
118	<i>Sargassum microcystum</i> J. Agardh 1848		Syntype localities: <i>in mari Indico</i> ; Moluccas, Indonesia; Manila, Philippines; Singapore (Agardh 1848: 323)
119	<i>Sargassum microcystum</i> var. <i>euryphyllum</i> (Grunow) Grunow 1915	<i>Sargassum myriocystum</i> var. <i>euryphylla</i> (Grunow) Grunow <i>Sargassum myriocystum</i> var. <i>euryphyllum</i> (Grunow) Grunow <i>Sargassum polycystum</i> var. <i>euryphyllum</i> Grunow	Type locality: Ticao Island, Masbate, Philippines (Grunow 1915: 440)

List no.	Currently accepted name	Synonym/ invalid name	Remarks
120	<i>Sargassum microcystum</i> var. <i>microtis</i> Grunow 1915		Syntype localities: Java, Indonesia; Basilan Strait, Philippines (Grunow 1915: 414)
121	<i>Sargassum microphyllum</i> C. Agardh 1820		
122	<i>Sargassum miyabei</i> Yendo 1907	<i>Sargassum kjellmanianum</i> Yendo	
123	<i>Sargassum natans</i> (Linnaeus) Gaillon 1828	<i>Fucus natans</i> Linnaeus <i>Sargassum bacciferum</i> (Turner) C. Agardh	
124	<i>Sargassum nigrifolium</i> Yendo 1907		
125	<i>Sargassum notarisii</i> Zanardini 1858		
126	<i>Sargassum ohnoi</i> Trono 1994		Type locality: Big Balatero, Puerto Galera, Oriental Mindoro, Philippines (Trono 1994: 7)
127	<i>Sargassum oligocystum</i> Montagne 1845		
128	<i>Sargassum oligocystum</i> var. <i>bernardinum</i> Grunow 1915		Type locality: <i>in freto Bernardino</i> (San Bernardino Strait between Sorsogon, Luzon, and Northern Samar, Philippines) (Grunow 1915: 386)
129	<i>Sargassum oligocystum</i> var. <i>subflexuosum</i> Grunow 1915		Type locality: <i>Fretum Bernardium</i> , <i>Macassar</i> (San Bernardino Strait, Philippines; Makassar, Indonesia) (Grunow 1915: 385)
130	<i>Sargassum oocyste</i> var. <i>bernardinum</i> Grunow 1915		Type locality: <i>in freto Bernardino</i> (San Bernardino Strait, Philippines) (Grunow 1915: 437)
131	<i>Sargassum paniculatum</i> J. Agardh 1848		
132	<i>Sargassum parvifolium</i> (Turner) C. Agardh 1820	<i>Carpacanthus parvifolius</i> (Turner) Kützing	
133	<i>Sargassum parvivesiculosum</i> C.K. Tseng & B. Lu 1979⁵		
134	<i>Sargassum patens</i> C. Agardh 1820		
135	<i>Sargassum patens</i> var. <i>schizophyllum</i> (Kützing) Yendo 1905		
136	<i>Sargassum philippinense</i> Grunow 1916		Type locality: San Bernardino Strait, Philippines (Grunow 1916: 166)
137	<i>Sargassum piluliferum</i> (Turner) C. Agardh 1820		
138	<i>Sargassum plagiophyllum</i> C. Agardh 1824²		Deposited in Farlow Herbarium of Harvard University: FH00883526 , collected from Lamao, Limay, Bataan Deposited in University Herbarium, University of California, Berkeley: UC1516144 , collected from Lamao, Limay, Bataan (1909); UC699322 , collected from Lamao, Limay, Bataan (1911)
139	<i>Sargassum polyceratium</i> Montagne 1837		
140	<i>Sargassum polycystum</i> C. Agardh 1824	<i>Sargassum gaudichaudii</i> Montagne <i>Sargassum myriocystum</i> J. Agardh	
141	<i>Sargassum pteropleuron</i> Grunow 1868		
142	<i>Sargassum pulchellum</i> Grunow 1888		
143	<i>Sargassum sagamianum</i> Yendo 1907		

List no.	Currently accepted name	Synonym/ invalid name	Remarks
144	<i>Sargassum samarense</i> Trono 1994		Type locality: Borongan, Eastern Samar, Philippines (Trono 1994: 4)
145	<i>Sargassum serratifolium</i> (C. Agardh) C. Agardh 1820		
146	<i>Sargassum siliquosum</i> J. Agardh 1848		
147	<i>Sargassum siliquosum</i> var. <i>basilanicum</i> Grunow 1916		Type locality: Basilan Strait (between Mindanao and Basilan Island) (Grunow 1916: 175)
148	<i>Sargassum siliquosum</i> var. <i>bicornutum</i> Grunow 1916		Type locality: China Sea; Ticao Island, Masbate, Philippines (Grunow 1916: 175)
149	<i>Sargassum siliquosum</i> var. <i>manipense</i> Grunow 1916		Type locality: <i>ad insulas Philippinas, Manipa</i> (Grunow 1916: 175)
150	<i>Sargassum spinifex</i> C. Agardh 1820		
151	<i>Sargassum steinitzii</i> Lipkin & P.C. Silva 2002²	<i>Sargassum tenue</i> J. Agardh	Deposited in Farlow Herbarium of Harvard University: FH00883649 , collected from Balabac, Palawan (1906)
152	<i>Sargassum subspathulatum</i> (Grunow) Grunow 1916	<i>Sargassum pulchellum</i> var. <i>subspathulatum</i> Grunow	
153	<i>Sargassum sullivanii</i> Trono 1994		Type locality: Palawig, Zambales, Philippines (Trono 1994: 6)
154	<i>Sargassum swartzii</i> C. Agardh 1820²		Deposited in University Herbarium, University of California, Berkeley: UC699261 , collected from Batan Island, Batanes (1907); UC699324 , collected from Bataan (1904)
155	<i>Sargassum tenerrimum</i> J. Agardh 1848		
156	<i>Sargassum thunbergii</i> (Mertens ex Roth) Kuntze 1880²	<i>Cystophyllum swartzii</i> (C. Agardh) J. Agardh	Deposited in Farlow Herbarium of Harvard University: FH00883655 , collected from Taytay, Palawan (1913) Deposited in University Herbarium, University of California, Berkeley: UC531896 , collected from Taytay, Palawan (1913)
157	<i>Sargassum tristichum</i> Sonder 1845	<i>Sargassum biforme</i> Sonder	
158	<i>Sargassum turbinarioides</i> Grunow 1915		
159	<i>Sargassum umezakii</i> Trono 1994		Type locality: Medio Island, Puerto Galera, Oriental Mindoro, Philippines (Trono 1994: 7)
160	<i>Sargassum velasquezii</i> Trono 1994		Type locality: San Isidro, Puerto Galera, Oriental Mindoro, Philippines (Trono 1994: 4)
161	<i>Sargassum vulgare</i> C. Agardh 1820 nom. illeg.		
162	<i>Sargassum vulgare</i> var. <i>indicum</i> C. Agardh 1820		
163	<i>Sargassum yendoii</i> Okamura & Yamada 1938		
164	<i>Sargassum yoshidae</i> Trono 1994		Type locality: Cabugao Bay, Virac, Catanduanes, Philippines (Trono 1994: 5)

List no.	Currently accepted name	Synonym/ invalid name	Remarks
165	<i>Strophysalis trinodis</i> (Forsskal) Kützing 1849	<i>Cystoseira latifrons</i> (Kützing) De Toni <i>Cystoseira trinodis</i> (Forsskal) C. Agardh <i>Cystophyllum trinode</i> (Forsskal) J. Agardh 1848	
166	<i>Stephanocystis hakodatensis</i> (Yendo) Draisma, Ballesteros, F. Rousseau, & T. Thibaut 2010	<i>Cystoseira hakodatensis</i> (Yendo) Fensholt	
167	<i>Turbinaria condensata</i> Sonder 1860	<i>Turbinaria dentata</i> E.S. Barton	
168	<i>Turbinaria conoides</i> (J. Agardh) Kützing 1860	<i>Turbinaria vulgaris</i> var. <i>conoides</i> J. Agardh	
169	<i>Turbinaria conoides</i> f. <i>laticuspidata</i> W.R. Taylor 1964		Type locality: Cebu, Philippines (Taylor 1964: 481)
170	<i>Turbinaria conoides</i> f. <i>retroflexa</i> W.R. Taylor 1964		Type locality: Tandayong Island, Luzon, Philippines (Taylor 1964: 481-482)
171	<i>Turbinaria decurrens</i> Bory de Saint-Vincent 1828		
172	<i>Turbinaria denudata</i> Bory de Saint-Vincent 1828		
173	<i>Turbinaria filamentosa</i> Yamada 1925		
174	<i>Turbinaria luzonensis</i> W.R. Taylor 1964		Type locality: Mulanay, Luzon, Philippine Islands (Taylor 1964: 482)
175	<i>Turbinaria murrayana</i> E.S. Barton 1891		
176	<i>Turbinaria ornata</i> (Turner) J. Agardh 1848		
177	<i>Turbinaria ornata</i> f. <i>evesiculosa</i> (E.S. Barton) W.R. Taylor 1964		
178	<i>Turbinaria trialata</i> var. <i>capensis</i> Kützing 1860		
179	<i>Turbinaria tricostata</i> E.S. Barton 1891 ²		Deposited in Duke University Herbarium Algae Collection: DUKE196461 , collected from the southern end of Biscuyo Island, Cuyo Islands, Palawan (1978)
180	<i>Turbinaria turbinata</i> (Linnaeus) Kuntze 1898	<i>Turbinaria vulgaris</i> var. <i>trialata</i> J. Agardh <i>Turbinaria trialata</i> (J. Agardh) Kützing	
181	<i>Turbinaria vulgaris</i> J. Agardh 1848, nom. illeg.		
Family Scytosiphonaceae			
182	<i>Chnoospora minima</i> (Hering) Papenfuss 1956		
183	<i>Colpomenia sinuosa</i> (Mertens ex Roth) Derbès & Solier 1851		
184	<i>Hydroclathrus clathratus</i> (C. Agardh) M. Howe 1920	<i>Hydroclathrus cancellatus</i> Bory de Saint-Vincent, nom. illeg.	
185	<i>Hydroclathrus tenuis</i> C.K. Tseng & Lu Baroen 1983		
186	<i>Pseudochnoospora implexa</i> (J. Agardh) Santiañez, G.Y. Cho & Kogame 2018	<i>Chnoospora implexa</i> J. Agardh <i>Chnoospora pannosa</i> J. Agardh	
187	<i>Rosenvingeia australis</i> Huisman, G.H. Boo & S.M. Boo 2018 ¹		

List no.	Currently accepted name	Synonym/ invalid name	Remarks
188	<i>Rosenvingea intricata</i> (J. Agardh) Børgesen 1914		
189	<i>Rosenvingea nhatrangensis</i> E.Y. Dawson 1954¹		
190	<i>Rosenvingea orientalis</i> (J. Agardh) Børgesen 1914		Type locality: <i>Hab. in mari Indico ad Manillam</i> (Hb. Binder!) Manilla, the Philippines] (Agardh 1848: 78)
Family Sphacelariaceae			
191	<i>Sphacelaria novae-hollandiae</i> Sonder 1845		
192	<i>Sphacelaria rigidula</i> Kützinger 1843	<i>Sphacelaria furcigera</i> Kützinger	
193	<i>Sphacelaria tribuloides</i> Meneghini 1840	<i>Sphacelaria rigida</i> Hering	
Species listed as preliminary records			
Taxon recorded		Remarks	
Family Chordariaceae			
	<i>Corynophlaea umbellata</i> (C. Agardh) Kützinger 1843²		The specimen was likely misidentified as the species is typically from colder waters. In the northern Pacific, it was recorded only in northern Japan (Tokida 1954).

Table 2. List of green seaweeds (Ulvophyceae, Chlorophyta) in the Philippines, including their synonyms, invalid names, and misapplied names/misidentifications. New records are written in bold letters and databases where these records were derived have been indicated by numerical superscripts: ¹ for AlgaeBase, ² for the Macroalgal Herbarium Portal, ³ for collection records of the Smithsonian National Museum of Natural History, and ⁴ for the materials of the G.T. Velasquez Phycological Herbarium.

List no.	Currently accepted name	Synonym/ invalid name	Remarks
Family Anadyomenaceae			
1	<i>Anadyomene eseptata</i> Gilbert 1961		Type locality: Dalupiri Island, Babuyan Islands, Cagayan, Luzon, Philippines (Gilbert 1961: 425)
2	<i>Anadyomene leclancheri</i> Decaisne 1844	<i>Cystodictyon leclancheri</i> (Decaisne) J.E.Gray <i>Microdictyon clathratum</i> G. Martens	Type locality: "Sooloo"/ Sulu Archipelago (Decaisne 1844: 236)
3	<i>Anadyomene plicata</i> C. Agardh 1823	<i>Anadyomene brownii</i> (J.E. Gray) J. Agardh	
4	<i>Anadyomene stellata</i> C. Agardh 1823	<i>Anadyomene flabellata</i> J.V. Lamouroux	
5	<i>Anadyomene wrightii</i> Harvey ex J.E. Gray 1866		
6	<i>Microdictyon boergesenii</i> Setchell 1925		
7	<i>Microdictyon japonicum</i> Setchell 1925		
8	<i>Microdictyon okamurae</i> Setchell 1925		
9	<i>Microdictyon umbilicatum</i> (Vellay) Zanardini 1862	<i>Microdictyon agardhianum</i> Decaisne	
Family Boodleaceae			
10	<i>Boodlea coacta</i> (Dickie) G. Murray & De Toni 1889		
11	<i>Boodlea composita</i> (Harvey) F. Brand 1904	<i>Boodlea siamensis</i> Reinbold	
12	<i>Boodlea montagnei</i> (Harvey ex J.E. Gray) Egerod 1952	<i>Microdictyon montagnei</i> Harvey ex J.E. Grey	
13	<i>Boodlea struveoides</i> M. Howe 1918		

List no.	Currently accepted name	Synonym/ invalid name	Remarks
14	<i>Cladophoropsis fasciculata</i> (Kjellman) Wille 1910	<i>Cladophoropsis sundanensis</i> Reinbold	
15	<i>Cladophoropsis gracillima</i> E.Y. Dawson 1950		
16	<i>Cladophoropsis membranacea</i> (Hofman Bang ex C. Agardh) Børgesen 1905	<i>Cladophoropsis gerloffii</i> Nizamuddin <i>Cladophora membranacea</i> (Hofman Bang ex C. Agardh) Kützing	
17	<i>Cladophoropsis philippinensis</i> W.R. Taylor 1961		Type locality: Little Santa Cruz Island, opposite Zamboanga, The Philippines (Taylor 1961: 58)
18	<i>Cladophoropsis vaucheriaiformis</i> (Areschoug) Papenfuss 1958	<i>Spongocladia vaucheriaeformis</i> J.E. Areschoug <i>Spongocladia dichotoma</i> (Zanardini) Murray & Boodle <i>Cladophoropsis neocaledonica</i> (Grunow ex G. Murray & Boodle) Papenfuss <i>Cladophoropsis dichotoma</i> (Zanardini) Papenfuss	
19	<i>Phyllodictyon anastomosans</i> (Harvey) Kraft & M.J. Wynne 1996	<i>Struvea delicatula</i> Kützing <i>Struvea anastomosans</i> (Harvey) Piccone & Grunow ex Piccone	
20	<i>Phyllodictyon pulcherrimum</i> J.E. Gray 1866	<i>Microdictyon curtissiae</i> W.R. Taylor <i>Struvea ramosa</i> Dickie	
21	<i>Struvea okamurae</i> Leliaert 2007	<i>Chamaedoris orientalis</i> Okamura & Higashi	
Family Bryopsidaceae			
22	<i>Bryopsis corticulans</i> Setchell 1899		
23	<i>Bryopsis hypnoides</i> J.V. Lamouroux 1809³		Deposited in Smithsonian National Museum of Natural History: US55468 , collected from Legaspi, Marabut, Samar (1973)
24	<i>Bryopsis indica</i> A. Gepp & E.S. Gepp 1908		
25	<i>Bryopsis pennata</i> J.V. Lamouroux 1809		
26	<i>Bryopsis pennata</i> var. <i>secunda</i> (Harvey) Collins & Hervey 1917	<i>Bryopsis harveyana</i> J. Agardh	
27	<i>Bryopsis plumosa</i> (Hudson) C. Agardh 1823		
Family Caulerpaceae			
28	<i>Caulerpa ambigua</i> Okamura 1897	<i>Caulerpella ambigua</i> (Okamura) Prud'homme & Lokhorst	
29	<i>Caulerpa antoensis</i> Yamada 1940	<i>Caulerpa arenicola</i> W.R. Taylor	
30	<i>Caulerpa brachypus</i> Harvey 1860		
31	<i>Caulerpa chemnitzia</i> (Esper) J.V. Lamouroux 1809	<i>Caulerpa racemosa</i> var. <i>chemnitzia</i> (Esper) Weber-Van Bosse <i>Caulerpa peltata</i> J.V. Lamouroux <i>Caulerpa racemosa</i> var. <i>laetevirens</i> (Montagne) Weber-van Bosse <i>Caulerpa racemosa</i> var. <i>occidentalis</i> (J. Agardh) Børgesen <i>Caulerpa racemosa</i> var. <i>peltata</i> (J.V. Lamouroux) Eubank	

List no.	Currently accepted name	Synonym/ invalid name	Remarks
32	<i>Caulerpa chemnitzia</i> var. <i>turbinata</i> (J. Agardh) Fernández-García & Riosmena-Rodríguez 2017	<i>Caulerpa racemosa</i> var. <i>turbinata</i> (J. Agardh) Eubank	
33	<i>Caulerpa corynephora</i> Montagne 1842	<i>Caulerpa racemosa</i> var. <i>corynephora</i> (Montagne) Weber-van Bosse	
34	<i>Caulerpa cupressoides</i> (Vahl) C. Agardh 1817	<i>Caulerpa cupressoides</i> var. <i>cupressoides sensu</i> Belleza & Liao (2007)	
35	<i>Caulerpa cupressoides</i> f. <i>amicorum</i> (Harvey) Weber-van Bosse 1898		
36	<i>Caulerpa cupressoides</i> f. <i>disticha</i> Weber-van Bosse 1898	<i>Caulerpa cupressoides</i> var. <i>disticha</i> Weber-van Bosse	
37	<i>Caulerpa cupressoides</i> var. <i>elegans</i> (P. Crouan & H. Crouan) Borgesen 1907	<i>Caulerpa cupressoides</i> f. <i>elegans</i> (P. Crouan & H. Crouan) Weber-van Bosse	
38	<i>Caulerpa cupressoides</i> var. <i>ericifolia</i> (Turner) Weber-van Bosse 1898		
39	<i>Caulerpa cupressoides</i> var. <i>lycopodium</i> Weber-van Bosse 1898		
40	<i>Caulerpa cupressoides</i> var. <i>lycopodium</i> f. <i>disticha</i> Weber-van Bosse		
41	<i>Caulerpa elongata</i> Weber-van Bosse 1898		
42	<i>Caulerpa falcifolia</i> Harvey & Bailey 1851¹		
43	<i>Caulerpa fastigiata</i> Montagne 1837		
44	<i>Caulerpa fergusonii</i> G. Murray 1891		
45	<i>Caulerpa filicoides</i> Yamada 1936		
46	<i>Caulerpa lamourouxii</i> (Turner) C. Agardh 1817	<i>Caulerpa racemosa</i> var. <i>lamourouxii</i> (Turner) Weber-van Bosse	
47	<i>Caulerpa lentillifera</i> J. Agardh 1837	<i>Caulerpa lentillifera</i> var. <i>longistipitata</i> Weber-van Bosse	
48	<i>Caulerpa lentillifera</i> var. <i>compacta</i> Trono & Ang 1982		Type locality: Bugsuk, Palawan, Philippines (Trono and Ang 1982: 7)
49	<i>Caulerpa lessonii</i> Bory 1828		
50	<i>Caulerpa macra</i> (Weber-van Bosse) Draisma & Prud'homme 2014	<i>Caulerpa racemosa</i> var. <i>macra</i> Weber-van Bosse	
51	<i>Caulerpa macrodisca</i> Decaisne 1842	<i>Caulerpa peltata</i> var. <i>macrodisca</i> (Decaisne) Weber-van Bosse	
52	<i>Caulerpa mexicana</i> Sonder ex Kützing 1849	<i>Caulerpa crassifolia</i> (C. Agardh) J. Agardh <i>Caulerpa mexicana</i> var. <i>mexicana sensu</i> Belleza & Liao (2007)	
53	<i>Caulerpa mexicana</i> var. <i>pluriseriata</i> W.R. Taylor 1975		
54	<i>Caulerpa microphysa</i> (Weber-van Bosse) Feldmann 1955	<i>Caulerpa racemosa</i> var. <i>microphysa</i> (Weber-van Bosse) Reinke	
55	<i>Caulerpa nummularia</i> Harvey ex J. Agardh 1873	<i>Caulerpa peltata</i> var. <i>nummularia</i> (Harvey ex J. Agardh) Weber-van Bosse	
56	<i>Caulerpa oligophylla</i> Montagne 1842¹		
57	<i>Caulerpa parvifolia</i> Harvey 1860	<i>Caulerpa brachypus</i> f. <i>parvifolia</i> (Harvey) A.B. Cribb	

List no.	Currently accepted name	Synonym/ invalid name	Remarks
58	<i>Caulerpa prolifera</i> (Forsskål) J.V. Lamouroux 1809		
59	<i>Caulerpa racemosa</i> (Forsskål) J. Agardh 1873	<i>Caulerpa racemosa</i> var. <i>mucronata</i> L.N. de Senerpont Domis <i>Caulerpa racemosa</i> var. <i>clavifera</i> (Turner) Weber-van Bosse <i>Caulerpa clavifera</i> (Turner) C. Agardh <i>Caulerpa racemosa</i> var. <i>uvifera</i> (C. Agardh) J. Agardh	
60	<i>Caulerpa racemosa</i> var. <i>gracilis</i> (Zanardini) Weber-van Bosse 1898		
61	<i>Caulerpa racemosa</i> var. <i>macrophysa</i> (Sonder ex Kützing) W.R. Taylor 1928	<i>Caulerpa macrophysa</i> (Sonder ex Kützing) G. Murray	
62	<i>Caulerpa reyesii</i> Meñez & Calumpong 1982		Type locality: Solong-on, Siquijor Island (Meñez and Calumpong 1982: 10)
63	<i>Caulerpa scalpelliformis</i> (R. Brown ex Turner) C. Agardh 1817²		Deposited in University Herbarium, University of California, Berkeley: UC1462856 , collected from Papac, Punta Maria, Borongan, Eastern Samar (1977)
64	<i>Caulerpa selago</i> (Turner) C. Agardh 1817		
65	<i>Caulerpa serrulata</i> (Forsskål) J. Agardh 1837	<i>Caulerpa freycinetii</i> C. Agardh <i>Caulerpa freycinetii</i> var. <i>typica</i> Weber-van Bosse, nom. inval.	
66	<i>Caulerpa serrulata</i> f. <i>angusta</i> (Weber-van Bosse) Eubank 1946²		Deposited in University of Michigan Herbarium: MICH681959 , collected from the small island opposite Culion Harbor, Culion Island, Calamian Islands, Palawan (1935)
67	<i>Caulerpa serrulata</i> f. <i>lata</i> (Weber-van Bosse) C.K. Tseng 1936	<i>Caulerpa serrulata</i> var. <i>serrulata</i> f. <i>lata</i> (Weber-van Bosse) C.K. Tseng <i>sensu</i> Belleza & Liao (2007)	
68	<i>Caulerpa serrulata</i> f. <i>longifolia</i> Gilbert 1942		
69	<i>Caulerpa serrulata</i> f. <i>occidentalis</i> (Weber-van Bosse) Yamada & Tanaka 1938		
70	<i>Caulerpa serrulata</i> f. <i>spiralis</i> (Weber-van Bosse) Gilbert 1942		
71	<i>Caulerpa serrulata</i> var. <i>boryana</i> (J. Agardh) Gilbert 1942		
72	<i>Caulerpa serrulata</i> var. <i>pectinata</i> (Weber-van Bosse) W.R. Taylor 1960	<i>Caulerpa freycinetii</i> var. <i>pectinata</i> Weber-van Bosse	
73	<i>Caulerpa sertularioides</i> (S.G. Gmelin) M. Howe 1905	<i>Caulerpa sertularioides</i> f. <i>typica</i> Børgesen, nom. inval.	
74	<i>Caulerpa sertularioides</i> f. <i>brevipes</i> (J. Agardh) Svedelius 1906	<i>Caulerpa sertularioides</i> var. <i>sertularioides</i> f. <i>brevipes</i> (J. Agardh) Svedelius <i>sensu</i> Belleza & Liao (2007)	
75	<i>Caulerpa sertularioides</i> f. <i>farlowii</i> (Weber-van Bosse) Børgesen 1907		
76	<i>Caulerpa sertularioides</i> f. <i>flagellata</i> (Weber-van Bosse) Weber-van Bosse 1913		
77	<i>Caulerpa sertularioides</i> f. <i>longipes</i> (J. Agardh) Collins 1909		

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78	<i>Caulerpa sertularioides</i> f. <i>longiseta</i> (J. Agardh) Collins 1906		
79	<i>Caulerpa subserrata</i> Okamura 1897		
80	<i>Caulerpa taxifolia</i> (M. Vahl) C. Agardh 1817		
81	<i>Caulerpa taxifolia</i> f. <i>tristichophylla</i> Svedelius 1906²		Deposited in University of Michigan Herbarium: MICH682461 , collected from Villanueva, Siquijor (1972); MICH682470 , collected from Tungo, Siquijor (1972)
82	<i>Caulerpa urvilleana</i> Montagne 1898	<i>Caulerpa cupressoides</i> var. <i>urvilleana</i> (Montagne) L.M. Hodgson, P.H. Tri, K. Lewmanomont & K.J. McDermid	
83	<i>Caulerpa urvilleana</i> var. <i>vitiensis</i> Weber-van Bosse 1898		
84	<i>Caulerpa verticillata</i> Weber-van Bosse 1847		
85	<i>Caulerpa vesiculifera</i> (Harvey) Harvey 1863	<i>Caulerpa ethelae</i> Weber-van Bosse	
86	<i>Caulerpa webbiana</i> Montagne 1837		
87	<i>Caulerpa webbiana</i> var. <i>pickeringii</i> (Harvey & Bailey) Eubank 1946		
Family Cladophoraceae			
88	<i>Chaetomorpha aerea</i> (Dillwyn) Kützing 1849	<i>Chaetomorpha crassa</i> (C. Agardh) Kützing	
89	<i>Chaetomorpha antennina</i> (Bory) Kützing 1847	<i>Chaetomorpha media</i> (C. Agardh) Kützing	
90	<i>Chaetomorpha brachygona</i> Harvey 1858		
91	<i>Chaetomorpha gracilis</i> Kützing 1845		
92	<i>Chaetomorpha indica</i> (Kützing) Kützing 1849²		Deposited in University of Michigan Herbarium: MICH682781 , collected from east of the wharf of Centinela Beach, Claveria, Cagayan (1973)
93	<i>Chaetomorpha inflata</i> Kützing 1849		
94	<i>Chaetomorpha kellersii</i> M. Howe 1932		Type locality: Panay Island, Philippines (Howe 1932: 169)
95	<i>Chaetomorpha ligustica</i> (Kützing) Kützing 1849		
96	<i>Chaetomorpha linum</i> (O.F. Müller) Kützing 1845		
97	<i>Chaetomorpha philippinensis</i> Leliaert 2011		Type locality: Dapdap, Siquijor, Philippines (Leliaert <i>et al.</i> 2011: 385)
98	<i>Chaetomorpha spiralis</i> Okamura 1903	<i>Chaetomorpha torta</i> (Farlow ex Collins) Yendo	
99	<i>Chaetomorpha vieillardii</i> (Kützing) M.J. Wynne 2011		
100	<i>Cladophora albida</i> (Nees) Kützing 1843		
101	<i>Cladophora aokii</i> Yamada 1925		
102	<i>Cladophora conferta</i> P. Crouan & H. Crouan 1865	<i>Cladophora uncinata</i> Borgesen	

List no.	Currently accepted name	Synonym/ invalid name	Remarks
103	<i>Cladophora crispula</i> Vickers 1905		
104	<i>Cladophora crucigera</i> Vickers 1867		
105	<i>Cladophora cymopoliae</i> Børgesen 1925		
106	<i>Cladophora dalmatica</i> Kützing 1843		
107	<i>Cladophora fuliginosa</i> Kützing 1849⁴	<i>Cladophora catenata</i> Kützing 1843	Deposited in G.T. Velasquez Phycological Herbarium: MS110085 , collected from Dalupiri Island, Calayan, Cagayan (1935)
108	<i>Cladophora laetevirens</i> (Dillwyn) Kützing 1843		
109	<i>Cladophora lehmanniana</i> (Lindenberg) Kützing 1843²	<i>Cladophora utriculosa</i> Kützing	Deposited in Field Museum of Natural History: C0531380F , collected from Dalupiri Island, Babuyan Islands, Cagayan (1935)
110	<i>Cladophora liebethuthii</i> Grunow 1884		
111	<i>Cladophora prolifera</i> (Roth) Kützing 1843		
112	<i>Cladophora quisumbingii</i> Manza 1939		Type locality: Batan Island, Batanes, Luzon, Philippines (Manza 1939: 109)
113	<i>Cladophora rugulosa</i> G. Martens 1866³		Deposited in Smithsonian National Museum of Natural History: US55459 , collected from Bobon, Burgos, Ilocos Norte (1970); US47822 , collected from Sabtang Island, Batanes (1965)
114	<i>Cladophora rupestris</i> (Linnaeus) Kützing 1843		
115	<i>Cladophora sericea</i> (Hudson) Kützing 1843	<i>Cladophora crystallina</i> (Roth) Kützing	
116	<i>Cladophora sibogae</i> Reinbold 1905		
117	<i>Cladophora vagabunda</i> (Linnaeus) Hoek 1963	<i>Cladophora mauritiana</i> Kützing <i>Cladophora inserta</i> Dickie <i>Cladophora pulverulenta</i> (Mertens) Phinney	
118	<i>Cladophora wrightiana</i> Harvey 1860		
119	<i>Lychaete dotyana</i> (W.J. Gilbert) M.J. Wynne 1965	<i>Cladophora dotyana</i> W.J. Gilbert <i>Acrocladus dotyanus</i> (W.J. Gilbert) Boedeker	
120	<i>Lychaete herpestica</i> (Montagne) M.J. Wynne 2017	<i>Cladophora herpestica</i> (Montagne) Kützing <i>Cladophoropsis zollingeri</i> (Kützing) Reinbold	
121	<i>Lychaete japonica</i> (Yamada) M.J. Wynne 2017	<i>Cladophora japonica</i> Yamada	
122	<i>Lychaete pellucida</i> (Hudson) M.J. Wynne 2017	<i>Conferva pellucida</i> Hudson <i>Cladophora trichotoma</i> (C. Agardh) Kützing <i>Cladophora pellucida</i> (Hudson) Kützing	
123	<i>Lychaete sakaii</i> (I.A. Abbott) M.J. Wynne 2017	<i>Cladophora densa</i> Harvey <i>Cladophora sakaii</i> I.A. Abbott	
124	<i>Pseudorhizoclonium africanum</i> (Kützing) Boedeker 2016	<i>Rhizoclonium africanum</i> Kützing <i>Rhizoclonium hookeri</i> Kützing	

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125	<i>Pseudorhizoclonium philippinense</i> Leliaert, Bodeker & A.R. Sherwood 2019¹		Type locality: Bais, Negros Oriental, Philippines (Sherwood <i>et al.</i> 2019: 91)
126	<i>Rhizoclonium crassipellitum</i> var. <i>robustum</i> G.S. West 1904		
127	<i>Rhizoclonium grande</i> Borgesen 1935		
128	<i>Rhizoclonium riparium</i> (Roth) Harvey 1849	<i>Rhizoclonium implexum</i> (Dillwyn) Kützing <i>Rhizoclonium riparium</i> var. <i>implexum</i> (Dillwyn) Rosenvinge <i>Rhizoclonium kernerii</i> Stockmayer <i>Rhizoclonium kochianum</i> Kützing	
129	<i>Rhizoclonium setaceum</i> Kützing 1847		
130	<i>Rhizoclonium tortuosum</i> (Dillwyn) Kützing 1845²		Deposited in University of Michigan Herbarium: MICH731891 , collected from Manila (1911)
Family Codiaceae			
131	<i>Codium adhaerens</i> C. Agardh 1822³		Deposited in Smithsonian National Museum of Natural History: US91324 , collected from Lipuun Point, Quezon, Palawan (1980)
132	<i>Codium arabicum</i> Kützing 1956		
133	<i>Codium arenicola</i> M.E. Chacana & P.C. Silva 2014¹		
134	<i>Codium bartlettii</i> C.K. Tseng & W.J. Gilbert 1942		Type locality: Puerto Galera Bay, Oriental Mindoro, Philippines (Tseng and Gilbert 1942: 291–293)
135	<i>Codium contractum</i> Kjellman 1897		
136	<i>Codium cylindricum</i> Holmes 1896		
137	<i>Codium decorticatedum</i> (Woodward) M.Howe 1911	<i>Codium elongatum</i> Auctorum	
138	<i>Codium edule</i> P.C. Silva 1952		
139	<i>Codium fragile</i> (Suringar) Hariot 1889		
140	<i>Codium geppiorum</i> O.C. Schmidt 1923	<i>Codium geppii</i> O.C. Schmidt	
141	<i>Codium intricatum</i> Okamura 1913		
142	<i>Codium muelleri</i> Kützing 1856		
143	<i>Codium ovale</i> Zanardini 1878		
144	<i>Codium papillatum</i> C.K. Tseng & W.J. Gilbert 1942		Type locality: Puerto Galera, Oriental Mindoro, Philippines (Tseng and Gilbert 1942: 293–295)
145	<i>Codium platyclados</i> R. Jones & Kraft 1984		
146	<i>Codium repens</i> P. Crouan & H. Crouan 1905²		Deposited in University of Michigan Herbarium: MICH726912 , collected from Cadilian, Currimao, Ilocos Norte (1950); MICH726913 , collected from Sta. Ana, Cagayan (1950)
147	<i>Codium spongiosum</i> Harvey 1855	<i>Codium pugniforme</i> Okamura	
148	<i>Codium strangulatum</i> M.E. Chacana & P.C. Silva 2015¹		Type locality: Siasi, Manubul Island, Salang-Salang, Sulu Archipelago, Philippines (Silva and Chacana 2015: 112)
149	<i>Codium tenue</i> (Kützing) Kützing 1856		

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150	<i>Codium tomentosum</i> Stackhouse 1797		
Family Dasycladaceae			
151	<i>Bornetella nitida</i> Munier-Chalmas ex Sonder 1880		
152	<i>Bornetella oligospora</i> Solms-Laubach 1892		
153	<i>Bornetella sphaerica</i> (Zanardini) Solms-Laubach 1892	<i>Bornetella ovalis</i> Yamada	
154	<i>Chlorocladus australasicus</i> Sonder 1871	<i>Dasycladus australasicus</i> (Sonder) W.R. Taylor <i>Chlorocladus philippinensis</i> Gilbert	
155	<i>Cymopolia vanbosseae</i> Solms-Laubach 1892		
156	<i>Dasycladus vermicularis</i> (Scopoli) Krasser 1898		
157	<i>Halicoryne spicata</i> (Kützing) Solms-Laubach 1895²		Deposited in University Herbarium, University of California, Berkeley: UC646166 , collected from Pasal Point, Semirara Island, Caluya, Antique (1940); UC1827026 , collected from the vicinity of 100 Islands National Park, Lingayen Gulf (1953)
158	<i>Halicoryne wrightii</i> Harvey 1860		
159	<i>Neomeris annulata</i> Dickie 1874		
160	<i>Neomeris bilimbata</i> J.T. Koster 1937		
161	<i>Neomeris vanbosseae</i> M. Howe 1909		
Family Derbesiaceae			
162	<i>Bryopsidella neglecta</i> (Berthold) G. Furnari & M. Cormaci 2014	<i>Derbesia attenuata</i> Funk, nom. illeg.	
163	<i>Derbesia marina</i> (Lyngbye) Solier 1846	<i>Halicystis ovalis</i> (Lyngbye) Areschoug	
164	<i>Derbesia tenuissima</i> (Moris & De Notaris) P. Crouan & H. Crouan 1867		
165	<i>Pedobesia ryukyuensis</i> (Yamada & T. Tanaka) Kobara & Chihara 1984	<i>Derbesia ryukyuensis</i> Yamada & Tanaka	
Family Dichotomosiphonaceae			
166	<i>Avrainvillea amadelpha</i> (Montagne) A. Gepp & E.S. Gepp 1908³		Deposited in Smithsonian National Museum of Natural History: US88058 , collected from Ayungon, Negros Oriental
167	<i>Avrainvillea asarifolia</i> Børgesen 1909²		Deposited in Farlow Herbarium of Harvard University: FH00989059 , collected from Tanduyong, Pangasinan (1963); FH00989073 , collected from Cuyo, Palawan (1964)
168	<i>Avrainvillea erecta</i> (Berkeley) A. Gepp & E.S. Gepp 1911		
169	<i>Avrainvillea lacerata</i> J. Agardh 1887		
170	<i>Avrainvillea longicaulis</i> (Kützing) G. Murray & Boodle 1889		
171	<i>Avrainvillea nigricans</i> Decaisne 1842		

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172	<i>Avrainvillea obscura</i> (C. Agardh) J. Agardh 1887	<i>Avrainvillea capituliformis</i> Tanaka	
173	<i>Avrainvillea rawsonii</i> (Dickie) M. Howe 1907²		Deposited in University of Michigan Herbarium: MICH678674 , collected from Candon, Tamorong, Ilocos Sur (1950); MICH678675 , collected from Candon, Tamorong, Ilocos Sur (1950)
Family Gayraliaceae			
174	<i>Gayralia oxysperma</i> (Kützinger) K.L. Vinogradova ex Scagel <i>et al.</i> 1989	<i>Ulva oxysperma</i> Kützinger <i>Monostroma oxyspermum</i> (Kützinger) Doty	
Family Halimedaceae			
175	<i>Flabellia petiolata</i> (Turra) Nizamuddin 1987²	<i>Udotea petiolata</i> (Turra) Børgesen	Deposited in University Herbarium, University of California, Berkeley: UC1404819 , collected from Chanarian, Basco, Batanes (1965)
176	<i>Halimeda bikinensis</i> W.R. Taylor 1950		
177	<i>Halimeda borneensis</i> W.R. Taylor 1975¹		
178	<i>Halimeda copiosa</i> Goreau & E.A. Graham 1967³		Deposited in Smithsonian National Museum of Natural History: US13642 , collected from the eastern side of Tagauayan Island, Palawan (1978)
179	<i>Halimeda cuneata</i> Hering 1846		
180	<i>Halimeda cylindracea</i> Decaisne 1842	<i>Halimeda polydactylis</i> J. Agardh 1887	
181	<i>Halimeda discoidea</i> Decaisne 1842	<i>Halimeda discoidea</i> var. <i>platyloba</i> Børgesen	
182	<i>Halimeda discoidea</i> f. <i>intermedia</i> Gilbert		
183	<i>Halimeda discoidea</i> f. <i>subdigitata</i> W.J. Gilbert 1947²		Type locality: Siasi Island, Sulu (Gilbert 1947: 125) Deposited in University of Michigan Herbarium: MICH1306453 (Type Specimen) , collected between Lapak Island and Tagtagan Island, Siasi Island, Sulu (1935)
184	<i>Halimeda distorta</i> (Yamada) Hillis-Colinvaux 1968	<i>Halimeda opuntia</i> f. <i>hederacea</i> Barton <i>Halimeda opuntia</i> var. <i>hederacea</i> (E.S. Barton) Hillis <i>Halimeda hederacea</i> (E.S. Barton) Hillis-Colinvaux	
185	<i>Halimeda fragilis</i> W.R. Taylor 1950		
186	<i>Halimeda gigas</i> W.R. Taylor 1950		
187	<i>Halimeda goreauii</i> W.R. Taylor 1962		
188	<i>Halimeda gracilis</i> Harvey ex J. Agardh 1887		
189	<i>Halimeda heteromorpha</i> N'Yeurt 2006⁴		
190	<i>Halimeda incrassata</i> (J. Ellis) J.V. Lamouroux 1816	<i>Halimeda tridens</i> (J. Ellis & Solander) J.V. Lamouroux	

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191	<i>Halimeda lacunalis</i> f. <i>lata</i> (W.R. Taylor) L.W. Hillis 1959³	<i>Halimeda gracilis</i> f. <i>lata</i> W.R. Taylor	Deposited in Smithsonian National Museum of Natural History: US55449 , collected from Cadadalman, Camiguin Island, Cagayan
192	<i>Halimeda lacunalis</i> W.R. Taylor 1950		
193	<i>Halimeda macroloba</i> Decaisne 1841		
194	<i>Halimeda macrophysa</i> Askenasy 1888		
195	<i>Halimeda melanesica</i> Valet 1966¹		
196	<i>Halimeda micronesica</i> Yamada 1941	<i>Halimeda orientalis</i> Gilbert	
197	<i>Halimeda minima</i> (W.R. Taylor) Hillis-Colinvaux 1968¹		
198	<i>Halimeda monile</i> (J. Ellis & Solander) J.V. Lamouroux 1816²		Deposited in University Herbarium, University of California, Berkeley: UC1827052 , collected from shore near the fisheries station of Zamboanga City (1951); UC1827053 , collected from Zamboanga City (1951)
199	<i>Halimeda opuntia</i> (Linnaeus) J.V. Lamouroux 1816	<i>Halimeda opuntia</i> f. <i>triloba</i> (Decaisne) J. Agardh <i>Halimeda opuntia</i> f. <i>typica</i> (Linnaeus) J. Agardh <i>Halimeda triloba</i> Decaisne	
200	<i>Halimeda renschii</i> Hauck 1886	<i>Halimeda batanensis</i> W.R. Taylor	
201	<i>Halimeda simulans</i> M. Howe 1907		
202	<i>Halimeda stuposa</i> W.R. Taylor 1950		
203	<i>Halimeda taenicola</i> W.R. Taylor 1950		
204	<i>Halimeda tuna</i> (J. Ellis & Solander) J.V. Lamouroux 1816	<i>Halimeda tuna</i> f. <i>albertisii</i> (Piccone) De Toni <i>Halimeda tuna</i> f. <i>platydisca</i> (Decaisne) E.S. Barton	
205	<i>Halimeda velasquezii</i> var. <i>robusta</i> P.A. Cordero 1974		Type locality: Cadadalman, Camiguin Island, Cagayan, Philippines (Cordero 1974: 115)
206	<i>Halimeda velasquezii</i> W.R. Taylor 1962	<i>Halimeda opuntia</i> f. <i>intermedia</i> Yamada	Type locality: Sta. Ana, Cagayan, Luzon Island, Philippines (Taylor 1962: 177).
Family Monostromataceae			
207	<i>Monostroma latissimum</i> Wittrock 1866		
208	<i>Monostroma nitidum</i> Wittrock 1866	<i>Porphyra crispata</i> Kjellman	
Family Ostreobiaceae			
209	<i>Ostreobium quekettii</i> Bornet & Flahault 1889		
Family Phaeophilaceae			
210	<i>Phaeophila dendroides</i> (P. Crouan & H. Crouan) Batters 1902		
Family Polyphysaceae			
211	<i>Acetabularia caliculus</i> J.V. Lamouroux 1824		
212	<i>Acetabularia crenulata</i> J.V. Lamouroux 1816		
213	<i>Acetabularia dentata</i> Solms-Laubach 1895		
214	<i>Acetabularia major</i> G. Martens 1866		

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215	<i>Acetabularia ryukyuensis</i> Okamura & Yamada 1932	<i>Acetabularia roxasii</i> Trono, Santiago & Ganzon-Fortes <i>Acetabularia philippinensis</i> Gilbert <i>Acetabularia ryukyuensis</i> var. <i>philippinensis</i> (Gilbert) Valet 1943	
216	<i>Parvocaulis clavatus</i> (Yamada) S. Berger, U. Fettweiss, S. Gleissberg, L.B. Liddle, U. Richter, H. Sawitzky & G.C. Zuccarello 2003	<i>Acetabularia clavata</i> Yamada	
217	<i>Parvocaulis exiguus</i> (Solms-Laubach) S. Berger, U. Fettweiss, S. Gleissberg, L.B. Liddle, U. Richter, H. Sawitzky & G.C. Zuccarello 2003	<i>Acetabularia exigua</i> Solms-Laubach	
218	<i>Parvocaulis parvulus</i> (Solms-Laubach) S. Berger, U. Fettweiss, S. Gleissberg, L.B. Liddle, U. Richter, H. Sawitzky & G.C. Zuccarello 2003	<i>Acetabularia moebii</i> Solms-Laubach <i>Acetabularia minutissima</i> Okamura <i>Acetabularia parvula</i> Solms-Laubach <i>Acetabularia velasquezii</i> Trono, Santiago & Ganzon-Fortes	
Family Rhipiliaceae			
219	<i>Rhipilia crassa</i> A.J.K. Millar & Kraft 2001		
220	<i>Rhipilia orientalis</i> A. Gepp & E.S. Gepp 1911		
221	<i>Rhipilia tomentosa</i> Kützing 1858		
222	<i>Rhipiliopsis carolyniae</i> Kraft 1986		Type locality: Bulusan, Sorsogon, Philippines (Kraft 1986: 51)
Family Siphonocladaceae			
223	<i>Boergesenia forbesii</i> (Harvey) Feldmann 1938		
224	<i>Dictyosphaeria cavernosa</i> (Forsskål) Børgesen 1932	<i>Dictyosphaeria favulosa</i> (Forsskål) Børgesen	
225	<i>Dictyosphaeria cavernosa</i> var. <i>bullata</i> Børgesen 1952		
226	<i>Dictyosphaeria intermedia</i> Weber-van Bosse 1905		
227	<i>Dictyosphaeria ocellata</i> (M. Howe) Olsen-Stojkovich 1985	<i>Valonia ocellata</i> M. Howe	
228	<i>Dictyosphaeria vershuyssii</i> Weber-van Bosse 1905	<i>Dictyosphaeria vanbosseae</i> Børgesen <i>Dictyosphaeria setchellii</i> Børgesen	
229	<i>Ernodesmis verticillata</i> (Kützing) Børgesen 1912	<i>Valonia verticillata</i> Kützing	
Family Udoteaceae			
230	<i>Boodleopsis pusilla</i> (Collins) W.R. Taylor, A.B. Joly & Bernatowicz 1953		
231	<i>Boodleopsis verticillata</i> E.Y. Dawson 1960		
232	<i>Chlorodesmis caespitosa</i> J. Agardh 1887	<i>Chlorodesmis formosana</i> Yamada	
233	<i>Chlorodesmis fastigiata</i> (C. Agardh) S.C. Ducker 1969	<i>Chlorodesmis comosa</i> Harvey & Bailey	
234	<i>Chlorodesmis hildebrandtii</i> A. Gepp & E.S. Gepp 1911		

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235	<i>Chlorodesmis major</i> Zanardini 1874	<i>Chlorodesmis torresiensis</i> W.R. Taylor	
236	<i>Rhipidosiphon javensis</i> Montagne 1842	<i>Udotea javensis</i> (Montagne) A. Gepp & E.S. Gepp	
237	<i>Tydemanina expeditionis</i> Weber-van Bosse 1901		
238	<i>Udotea argentea</i> var. <i>spumosa</i> A. Gepp & E.S. Gepp 1911		Syntype localities: Tanah Djampeah and Salayer Islands, Indonesia; Pearl Bank, Tawi-Tawi, Sulu Archipelago, Philippines (Coppejans <i>et al.</i> 2001: 429)
239	<i>Udotea argentea</i> Zanardini 1858		
240	<i>Udotea flabellum</i> (J. Ellis & Solander) M. Howe 1904	<i>Udotea flabellata</i> J.V. Lamououx, nom. illeg.	
241	<i>Udotea geppiorum</i> Yamada 1930	<i>Udotea geppii</i> Yamada	
242	<i>Udotea glaucescens</i> Harvey ex J. Agardh 1887		
243	<i>Udotea indica</i> A. Gepp & E.S. Gepp 1911		
244	<i>Udotea occidentalis</i> A. Gepp & E.S. Gepp 1911		
245	<i>Udotea orientalis</i> A. Gepp & E.S. Gepp 1911		Syntype localities: various in Indian and Pacific Oceans; Indonesia; Philippine Islands (Gepp and Gepp 1911: 119–120).
246	<i>Udotea polychotomis</i> Cordero 1975 ²		Deposited in University of Michigan Herbarium: MICH732509 , collected from the eastern side of Tagauayan Island, Cuyo Islands, Palawan (1978) Deposited in Field Museum of Natural History: C0533699F , collected from the eastern side of Tagauayan Island, Cuyo Islands, Palawan (1978) Deposited in Duke University Herbarium Algae Collection: DUKE202737 , collected from the northeastern side of Bisucay Island, Cuyo Islands, Palawan (1978)

Family Ulvaceae

247	<i>Ulva aragoënsis</i> (Bliding) Maggs 2018	<i>Enteromorpha aragoënsis</i> Bliding	
248	<i>Ulva australis</i> Areschoug 1854	<i>Ulva pertusa</i> Kjellman	
249	<i>Ulva chaetomorphoides</i> (Børgesen) H.S. Hayden, Blomster, Maggs, P.C. Silva, Stanhope & Waaland 2003	<i>Enteromorpha chaetomorphoides</i> Børgesen	
250	<i>Ulva clathrata</i> (Roth) C. Agardh 1811	<i>Enteromorpha clathrata</i> (Roth) Greville <i>Enteromorpha ramulosa</i> (Smith) Carmichael <i>Enteromorpha crinita</i> Nees	
251	<i>Ulva compressa</i> Linnaeus 1753	<i>Enteromorpha compressa</i> (Linnaeus) Nees	
252	<i>Ulva expansa</i> (Setchell) Setchell & N.L. Gardner 1920 ⁴		Deposited in G.T. Velasquez Phycological Herbarium: MS112463 , collected from Sanga-sanga, Bongao, Tawi-Tawi (1952)

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253	<i>Ulva flexuosa</i> f. <i>submarina</i> (Collins & Hervey) M.J. Wynne 2005	<i>Enteromorpha flexuosa</i> f. <i>submarina</i> Collins & Hervey	
254	<i>Ulva flexuosa</i> subsp. <i>pilifera</i> (Kützinger) M.J. Wynne 2005		
255	<i>Ulva flexuosa</i> Wulfen 1803	<i>Enteromorpha flexuosa</i> (Wulfen) J. Agardh <i>Enteromorpha lingulata</i> J. Agardh <i>Enteromorpha tubulosa</i> (Kützinger) Kützinger	
256	<i>Ulva intestinalis</i> f. <i>attenuata</i> (Ahlner) M.J. Wynne 2014²	<i>Enteromorpha intestinalis</i> f. <i>cylindracea</i> J. Agardh	Deposited in Farlow Herbarium of Harvard University: FH01027194 , collected from Manila
257	<i>Ulva intestinalis</i> Linnaeus 1753	<i>Enteromorpha intestinalis</i> (Linnaeus) Nees	
258	<i>Ulva kylinii</i> (Bliding) H.S. Hayden, Blomster, Maggs, P.C. Silva, Stanhope & Waaland 2003	<i>Enteromorpha kylinii</i> Bliding	
259	<i>Ulva lactuca</i> Linnaeus 1753	<i>Ulva fasciata</i> Delile	
260	<i>Ulva paradoxa</i> C. Agardh 1817	<i>Enteromorpha flexuosa</i> subsp. <i>paradoxa</i> (C. Agardh) Bliding 1963 <i>Enteromorpha erecta</i> (Lyngbye) Carmichael 1833 <i>Enteromorpha plumosa</i> Kützinger 1843 <i>Ulva flexuosa</i> subsp. <i>paradoxa</i> (C. Agardh) M.J. Wynne 2005	
261	<i>Ulva prolifera</i> O.F. Müller 1778	<i>Enteromorpha prolifera</i> (O.F. Müller) J. Agardh	
262	<i>Ulva reticulata</i> Forsskål 1775		
263	<i>Ulva rigida</i> C. Agardh 1823	<i>Ulva lactuca</i> var. <i>rigida</i> (C. Agardh) Le Jolis	
Family Valoniaceae			
264	<i>Valonia aegagropila</i> C. Agardh 1823		
265	<i>Valonia fastigiata</i> Harvey ex J. Agardh 1887		
266	<i>Valonia macrophysa</i> Kützinger 1843		
267	<i>Valonia utricularis</i> (Roth) C. Agardh 1823		
268	<i>Valonia ventricosa</i> J. Agardh 1887		
269	<i>Valoniopsis pachynema</i> (G. Martens) Borgesen 1934	<i>Valonia confervoides</i> Harvey ex J. Agardh <i>Valonia pachynema</i> (G. Martens) Weber-van Bosse	

Taxon with generic record only

List no.	Taxon recorded	Remarks
Family Dichotomosiphonaceae		
270	<i>Cladocephalus</i> M. Howe 1905²	Deposited in University of Michigan Herbarium: MICH683882 , collected from the Great Reef, Balabac Island, Palawan
Family Bryopsidaceae		
271	<i>Pseudobryopsis</i> Berthold 1904²	Deposited in University of Michigan Herbarium: MICH731375 , collected from Cuyo Island, Palawan

List no.	Taxon recorded	Remarks
Family Udoteaceae		
272	<i>Penicillus</i> Lamarck 1813 ³	Deposited in Smithsonian National Museum of Natural History: US54021 , collected from Negros Island
Species listed as preliminary records		
Taxon recorded	Remarks	
<i>Caulerpa lanuginosa</i> J. Agardh 1873 ⁴	Herbarium material cannot be located. Deposited in G.T. Velasquez Phycological Herbarium: MSI17179 , collected from Salugan, Currimaos, Ilocos Norte (1985)	
<i>Cladophora timorensis</i> G. Martens 1866 ⁴	Herbarium material cannot be located. Deposited in G.T. Velasquez Phycological Herbarium: MSI22042 , collected from Pug-os, Cagugao, Ilocos Norte (1978)	
<i>Ulva lobata</i> (Kützting) Harvey 1855 ⁴	Doubtful identification based on morphology. Deposited in G.T. Velasquez Phycological Herbarium: MSI8546 , collected from Manila, Metro Manila (1974); MSI8547 , collected from Parañaque, Manila, Metro Manila (1974)	

Table 3. List of red seaweeds (Bangiophyceae and Florideophyceae, Rhodophyta) in the Philippines, including their synonyms, invalid names, and misapplied names/misidentifications. New records are written in bold letters and databases where these records were derived have been indicated by numerical superscripts: ¹ for AlgaeBase, ² for the Macroalgal Herbarium Portal, ³ for collection records of the Smithsonian National Museum of Natural History, ⁴ for the materials of the G.T. Velasquez Phycological Herbarium.

List no.	Currently accepted name	Synonym/ invalid name	Remarks
Class Bangiophyceae			
Family Bangiaceae			
1	<i>Bangia fuscopurpurea</i> (Dillwyn) Lyngbye 1819	<i>Bangia atropurpurea</i> (Mertens ex Roth) C. Agardh (misapplied name)	
2	<i>Bangia yamadae</i> Tanaka 1944		
3	<i>Phycocalidia acanthophora</i> (E.C. Oliveira & Coll) Santiañez 2020¹	<i>Pyropia acanthophora</i> (E.C. Oliveira & Coll) M.C. Oliveira, D. Milstein & E.C. Oliveira <i>Calidia acanthophora</i> (E.C. Oliveira & Coll) L.-E. Yang & J. Brodie, nom. illeg.	
4	<i>Phycocalidia denticulata</i> (Levring) Santiañez & M.J. Wynne 2020	<i>Pyropia denticulata</i> (Levring) J.A. Philips & J.E. Sutherland <i>Porphyra denticulata</i> Levring <i>Calidia denticulata</i> (Levring) L.-E. Yang & J. Brodie, nom. illeg.	
5	<i>Phycocalidia islae</i> (Dumilag) Santiañez 2020¹	<i>Pyropia islae</i> Dumilag	Type locality: Chanarian Viewdeck, Mahatao, Batan Island, Batanes Islands, Philippines (Dumilag and Yap 2018: 474)
6	<i>Phycocalidia lunae</i> (Dumilag) Santiañez 2020¹	<i>Pyropia lunae</i> Dumilag	Type locality: Nacamaya, Chadpydan, Baco, Batan Island, Batanes Islands, Philippines (Dumilag and Yap 2018: 471)
7	<i>Phycocalidia suborbiculata</i> (Kjellman) Santiañez & M.J. Wynne 2020	<i>Pyropia suborbiculata</i> (Kjellman) J.E. Sutherland, H.G. Choi, M.S. Hwang & W.A. Nelson <i>Porphyra suborbiculata</i> Kjellman <i>Calidia suborbiculata</i> (Kjellman) L.-E. Yang & J. Brodie, nom. illeg.	

List no.	Currently accepted name	Synonym/ invalid name	Remarks
8	<i>Phycocalidia tanegashimensis</i> (I. Shinmura) Santiañez 2020 ¹	<i>Pyropia tanegashimensis</i> (Shinmura) N. Kikuchi & E. Fujiyoshi <i>Calidia tanegashimensis</i> (I. Shinmura) L.-E. Yang & J. Brodie, nom. illeg.	
9	<i>Phycocalidia vietnamensis</i> (Tak. Tanaka & P.-H. Hô) Santiañez & M.J. Wynne 2020	<i>Porphyra marcosii</i> P.A. Cordero <i>Pyropia vietnamensis</i> (Tak. Tanaka & P.-H. Hô) J.E. Sutherland & Monotilla <i>Calidia vietnamensis</i> (Tak. Tanaka & P.-H. Hô) L.-E. Yang & J. Brodie, nom. illeg.	
10	<i>Porphyra atropurpurea</i> (Olivi) De Toni 1897		
11	<i>Porphyra umbilicalis</i> Kützting 1843		
12	<i>Wildemania variegata</i> De Toni 1890	<i>Porphyra variegata</i> (Kjellman) Kjellman	
Class Florideophyceae			
Family Acrochaetiaceae			
13	<i>Acrochaetium hancockii</i> (E.Y. Dawson) Papenfuss 1945		
14	<i>Acrochaetium liagorae</i> Børgesen 1915	<i>Audouinella liagorae</i> (Børgesen) Woelkerling	
15	<i>Acrochaetium nitidulum</i> I.A. Abbott 1962		Type locality: Gnat Reef, Balabac Island, Palawan, Philippines (Abbott 1962: 95)
16	<i>Acrochaetium papenfussii</i> I.A. Abbott 1962	<i>Audouinella papenfussii</i> (Abbott) Garbary	Type locality: Mapun (Cagayan Sulu) Island, Palawan, Philippines (Abbott 1962: 97)
17	<i>Acrochaetium trichogloae</i> Børgesen 1952		
18	<i>Acrochaetium tuticorinense</i> Børgesen 1937		
Family Bonnemaioniaceae			
19	<i>Asparagopsis taxiformis</i> (Delile) Trevisan 1845	<i>Asparagopsis delilei</i> Montagne <i>Asparagopsis sanfordiana</i> Harvey <i>Falkenbergia hillebrandii</i> (Bornet) Falkenberg	
Family Callithamniaceae			
20	<i>Crouania attenuata</i> (C. Agardh) J. Agardh 1842		
21	<i>Crouania minutissima</i> Yamada 1944		
22	<i>Gymnothamnion elegans</i> (Schousboe ex C. Agardh) J. Agardh 1892		
23	<i>Spyridia filamentosa</i> (Wulfen) Harvey 1833		
24	<i>Spyridia velasquezii</i> Trono 1972		
Family Caulacanthaceae			
25	<i>Catenella caespitosa</i> (Withering) L.M. Irvine 1976	<i>Catenella opuntia</i> (Goodenough & Woodward) Greville	
26	<i>Catenella impudica</i> (Montagne) J. Agardh 1852		
27	<i>Catenella nipae</i> Zanardini 1872		
28	<i>Caulacanthus ustulatus</i> (Mertens ex Turner) Kützting 1843		

List no.	Currently accepted name	Synonym/ invalid name	Remarks
	Family Ceramiaceae		
29	<i>Acrothamnion preissii</i> (Sonder) E.M. Wollaston 1968		
30	<i>Antithamnion antillanum</i> Borgesen, nom. cons. 1917	<i>Antithamnion lherminieri</i> Nasr	
31	<i>Centroceras clavulatum</i> (C. Agardh) Montagne 1846	<i>Centroceras clavulatum</i> var. <i>cryptacanthum</i> (Kützing) Grunow <i>Ceramium hyalacanthum</i> (Kützing) Sonder	
32	<i>Centroceras minutum</i> Yamada 1944		
33	<i>Ceramium affine</i> Setchell & N.L. Gardner 1930		
34	<i>Ceramium cimbricum</i> H.E. Petersen 1924	<i>Ceramium fastigiatum</i> Harvey	
35	<i>Ceramium cruciatum</i> Collins & Hervey 1917		
36	<i>Ceramium diaphanum</i> (Lightfoot) Roth 1806	<i>Ceramium gracillimum</i> (Kützing) Zanardini <i>Ceramium tenuissimum</i> (Roth) Areschoug	
37	<i>Ceramium equisetoides</i> E.Y. Dawson 1944		
38	<i>Ceramium loureiri</i> C. Agardh 1824		
39	<i>Ceramium luetzelburgii</i> O.C. Schmidt 1924		
40	<i>Ceramium macilentum</i> J. Agardh 1894	<i>Ceramium mazatlanense</i> E.Y. Dawson	
41	<i>Ceramium marshallense</i> E.Y. Dawson 1957		
42	<i>Ceramium maryae</i> Weber-van Bosse 1923		
43	<i>Ceramium multijugum</i> Jaasund 1970		
44	<i>Ceramium nakamurae</i> E.Y. Dawson 1954	<i>Ceramium equisetoides</i> Nakamura	
45	<i>Ceramium nitens</i> (C. Agardh) J. Agardh 1851		
46	<i>Ceramium personatum</i> Setchell & N.L. Gardner 1930		
47	<i>Ceramium procumbens</i> Setchell & N.L. Gardner 1924	<i>Ceramiella procumbens</i> (Setchell & N.L. Gardner) Diaz-Piferrer	
48	<i>Ceramium serpens</i> Setchell & N.L. Gardner 1924		
49	<i>Ceramium sinicola</i> Setchell & Gardner 1924		
50	<i>Ceramium tenerrimum</i> (G. Martens) Okamura 1921		
51	<i>Ceramium vagans</i> P.C. Silva		
52	<i>Ceramium zacaе</i> Setchell & N.L. Gardner		
53	<i>Corallophila kleiwegii</i> Weber-van Bosse 1923	<i>Centroceras apiculatum</i> Yamada	

List no.	Currently accepted name	Synonym/ invalid name	Remarks
54	<i>Gayliella flaccida</i> (Harvey ex Kützing) T.O. Cho & L.J. McIvor 2008	<i>Ceramium flaccidum</i> (Harvey ex Kützing) Ardissonne	
55	<i>Gayliella taylorii</i> (E.Y. Dawson) T.O. Cho & S.M. Boo 2008	<i>Ceramium taylorii</i> E.Y. Dawson	
56	<i>Herpochondria elegans</i> (Okamura) Itono 1977	<i>Microcladia elegans</i> Okamura	
57	<i>Microcladia glandulosa</i> (Solander ex Turner) Greville 1830		
Family Champiaceae			
58	<i>Champia bifida</i> Okamura 1901		
59	<i>Champia caespitosa</i> E.Y. Dawson 1944		
60	<i>Champia compressa</i> Harvey 1838		
61	<i>Champia disticha</i> E.Y. Dawson 1944		
62	<i>Champia japonica</i> Okamura 1931		
63	<i>Champia parvula</i> (C. Agardh) Harvey 1853		
64	<i>Champia salicornioides</i> Harvey 1853		
65	<i>Champia spathulata</i> Weber-van Bosse 1928		Type locality: North Ubian Island, Sulu, Sulu Archipelago (Weber-van Bosse 1928: 477)
66	<i>Champia vieillardii</i> Kützing 1866		
67	<i>Coelothrix irregularis</i> (Harvey) Børgesen 1920		
Family Colaconemataceae			
68	<i>Colaconema gracile</i> (Børgesen) Ateweberhan & Prud'homme 2005	<i>Acrochaetium gracile</i> Børgesen	
69	<i>Colaconema hallandicum</i> (Kylin) Afonso-Carrillo, Sanson, Sangil & Diaz-Villa 2007	<i>Acrochaetium hallandicum</i> (Kylin) Hamel <i>Acrochaetium sargassi</i> Børgesen	
70	<i>Colaconema hypneae</i> (Børgesen) A.A. Santos & C.W.N. Moura 2010	<i>Acrochaetium seriatum</i> Børgesen	
71	<i>Colaconema robustum</i> (Børgesen) Huisman & Woelkerling 2018	<i>Acrochaetium robustum</i> Børgesen	
72	<i>Colaconema sinicola</i> (E.Y. Dawson) J.N. Norris 2014	<i>Acrochaetium sinicola</i> (E.Y. Dawson) Papenfuss	
Family Corallinaceae			
73	<i>Arthrocardia palmata</i> (J. Ellis & Solander) Areschoug 1852		
74	<i>Bossiella frondescens</i> (Postels & Ruprecht) E.Y. Dawson 1964	<i>Corallina frondescens</i> Postels & Ruprecht	
75	<i>Jania acutiloba</i> (Decaisne) J.H. Kim, Guiry & H.-G. Choi 2007	<i>Cheilosporum acutilobum</i> (Decaisne) Piccone <i>Cheilosporum jungermannioides</i> Ruprecht ex Areschoug	
76	<i>Jania capillacea</i> Harvey 1853		
77	<i>Jania cubensis</i> Montagne ex Kützing 1849	<i>Corallina cubensis</i> (Montagne ex Kützing) Kützing <i>Haliptilon cubense</i> (Montagne ex Kützing) Garbary & H.W. Johansen	

List no.	Currently accepted name	Synonym/ invalid name	Remarks
78	<i>Jania cultrata</i> (Harvey) J.H. Kim, Guiry & H.-G. Choi 2007	<i>Amphiroa cultrata</i> Harvey <i>Cheilosporum cultratum</i> (Harvey) Areschoug	
79	<i>Jania longiarthra</i> E.Y. Dawson 1953		
80	<i>Jania micrarthrodia</i> J.V. Lamouroux 1816	<i>Jania tenuissima</i> Sonder <i>Jania constricta</i> Kützting, nom. illeg.	
81	<i>Jania pacifica</i> Areschoug 1852	<i>Jania mexicana</i> W.R. Taylor	
82	<i>Jania pedunculata</i> var. <i>adhaerens</i> (J.V. Lamouroux) A.S. Harvey, Woelkerling & Reviers 2020	<i>Jania adhaerens</i> J.V. Lamouroux <i>Jania decussato-dichotoma</i> (Yendo) Yendo	
83	<i>Jania pumila</i> J.V. Lamouroux 1816		
84	<i>Jania rubens</i> (Linnaeus) J.V. Lamouroux 1816		
85	<i>Jania sagittata</i> (J.V. Lamouroux) Blainville 1834	<i>Cheilosporum sagittatum</i> (J.V. Lamouroux) Areschoug <i>Amphiroa sagittata</i> (J.V. Lamouroux) Decaisne	
86	<i>Jania spectabilis</i> (Harvey ex Grunow) J.H. Kim, Guiry & H.-G. Choi 2007	<i>Cheilosporum spectabile</i> Harvey ex Grunow	
87	<i>Jania tenella</i> (Kützting) Grunow 1874		
88	<i>Jania tenella</i> var. <i>zacae</i> E.Y. Dawson 1953		
89	<i>Jania ungulata</i> (Yendo) Yendo 1905		
90	<i>Jania ungulata</i> f. <i>brevior</i> (Yendo) Yendo 1905		
Family Corynocyttaceae			
91	<i>Corynocyttis prostrata</i> Kraft 1999		Type locality: Bulusan, Sorsogon, Philippines (Kraft <i>et al.</i> 1999: 28)
Family Cubiculosporaceae			
92	<i>Cubiculosporum koronicarpis</i> Kraft 1973		Type locality: Bulusan, Sorsogon, Philippines. (Kraft <i>et al.</i> 1999: 9)
Family Cystocloniaceae			
93	<i>Calliblepharis saidana</i> (Holmes) M.Y. Yang & M.S. Kim 2017	<i>Hypnea saidana</i> Holmes	
94	<i>Hypnea caespitosa</i> P.J.L. Geraldino & S.M. Boo 2010		Type locality: Panglao Island, Bohol, Philippines (Geraldino <i>et al.</i> 2010: 338)
95	<i>Hypnea cenomyce</i> J. Agardh 1851		
96	<i>Hypnea cenomyce</i> var. <i>tenuis</i> Weber-van Bosse 1928		Syntype localities: Muaras Reef, East Kalimantan, Indonesia; Sangasiapu Island, Tawi-Tawi, Sulu Archipelago (Weber-van Bosse 1928: 456)
97	<i>Hypnea cervicornis</i> J. Agardh 1851	<i>Hypnea boergesenii</i> T. Tanaka <i>Hypnea flexicaulis</i> Y. Yamagishi & M. Masuda	
98	<i>Hypnea charoides</i> J.V. Lamouroux 1813		
99	<i>Hypnea cornuta</i> (Kützting) J. Agardh 1851	<i>Chondroclonium cornutum</i> Kützting	
100	<i>Hypnea divaricata</i> (C. Agardh) Greville 1830		
101	<i>Hypnea musciformis</i> (Wulfen) J.V. Lamouroux 1813		

List no.	Currently accepted name	Synonym/ invalid name	Remarks
102	<i>Hypnea musciformis</i> var. <i>esper</i> J. Agardh 1851	<i>Hypnea esper</i> Bory de Saint-Vincent, nom. illeg.	
103	<i>Hypnea musciformis</i> var. <i>hippurioides</i> (Kützting) Weber-van Bosse 1928		
104	<i>Hypnea nidulans</i> Setchell 1924		
105	<i>Hypnea pannosa</i> J. Agardh 1847		
106	<i>Hypnea spinella</i> (C. Agardh) Kützting 1847		
107	<i>Hypnea stellulifera</i> (J. Agardh) Yamagishi & Masuda 2003	<i>Hypnea cornuta</i> var. <i>stellulifera</i> J. Agardh	Lectotype locality: Manila, Philippines (Yamagishi <i>et al.</i> 2003: 535)
108	<i>Hypnea valentiae</i> (Turner) Montagne 1841		
109	<i>Rhodophyllis peltata</i> var. <i>lacunosa</i> Grunow 1874		
Family Delesseriaceae			
110	<i>Apoglossum spathulatum</i> (Sonder) Womersley & Shepley 1982	<i>Hypoglossum spathulatum</i> (Sonder) Kützting	
111	<i>Augophyllum marginifractum</i> (R.E. Norris & M.J. Wynne) S.-M. Lin, Fredericq & Hommersand 2004²		Deposited in University of Michigan Herbarium: MICH642364 , collected from Great Santa Cruz Island, Zamboanga City (1998)
112	<i>Caloglossa bengalensis</i> (G. Martens) R.J. King & Puttock 1994	<i>Caloglossa adnata</i> (Zanardini) De Toni	
113	<i>Caloglossa leprieurii</i> (Montagne) G. Martens 1869		
114	<i>Caloglossa ogasawaraensis</i> Okamura 1897		
115	<i>Caloglossa stipitata</i> E. Post 1936¹		
116	<i>Caloglossa vieillardii</i> (Kützting) Setchell 1924	<i>Caloglossa leprieurii</i> var. <i>hookeri</i> Post	
117	<i>Claudea batanensis</i> Tanaka 1967		Type locality: Basco, Batan Island, Batanes, Luzon, Philippines (Tanaka 1967: 18)
118	<i>Claudea multifida</i> Harvey 1854		
119	<i>Cottoniella filamentosa</i> (M. Howe) Borgesen 1920		
120	<i>Dasya anastomosans</i> (Weber-van Bosse) M.J. Wynne 2002	<i>Dasya adhaerens</i> Yamada <i>Dasyopsis anastomosans</i> Weber-van Bosse <i>Dasyopsis pilosa</i> Weber-van Bosse <i>Eupogodon pilosus</i> (Weber-van Bosse) P.C. Silva	
121	<i>Dasya antillarum</i> (M. Howe) A.J.K. Millar 1996	<i>Dasyopsis antillarum</i> M. Howe <i>Eupogodon antillarum</i> (M. Howe) P.C. Silva	
122	<i>Dasya baillouviana</i> (S.G. Gmelin) Montagne 1841		
123	<i>Dasya caraibica</i> Borgesen 1919		
124	<i>Dasya mollis</i> Harvey 1853		
125	<i>Dasya ocellata</i> (Grateloup) Harvey 1833		
126	<i>Dasya punicea</i> (Zanardini) Meneghini 1841	<i>Baillouviana punicea</i> Zanardini	

List no.	Currently accepted name	Synonym/ invalid name	Remarks
127	<i>Dasya sessilis</i> Yamada 1928		
128	<i>Dasya villosa</i> Harvey 1844		
129	<i>Eupogodon planus</i> (C. Agardh) Kützing 1845	<i>Eupogodon pinnatifolius</i> (Suhr) P.C. Silva <i>Eupogodon tenellus</i> (Weber-van Bosse) Silva	
130	<i>Hypoglossum attenuatum</i> N.L. Gardner 1927		
131	<i>Hypoglossum harveyanum</i> (J. Agardh) Womersley & Shepley 1982	<i>Hypoglossum serrulatum</i> J. Agardh	
132	<i>Hypoglossum heterocystideum</i> (J. Agardh) J. Agardh 1898		
133	<i>Hypoglossum hypoglossoides</i> (Stackhouse) Collins & Hervey 1917	<i>Ulva lingulata</i> A.P. de Candolle	
134	<i>Martensia australis</i> Harvey 1855	<i>Martensia speciosa</i> Zanardini	
135	<i>Martensia flabelliformis</i> Harvey ex J. Agardh 1863	<i>Neomartensia flabelliformis</i> (Harvey ex J. Agardh) Yoshida & Mikami	
136	<i>Martensia fragilis</i> Harvey 1854		
137	<i>Martensia martensii</i> (F. Schmitz) S. -M. Lin, Fredericq & L.M. Liao 2001	<i>Opephyllum martensii</i> F. Schmitz	Type locality: <i>an der küste der Philippinen</i> (Philippines) (Schmitz and Hauptfleisch 1897: 410)
138	<i>Taenioma perpusillum</i> (J. Agardh) J. Agardh 1863		
139	<i>Tapeinodasya bornetii</i> Weber-van Bosse 1904		
140	<i>Vanvoorstia coccinea</i> Harvey ex J. Agardh 1863¹		
141	<i>Vanvoorstia spectabilis</i> Harvey 1854		
142	<i>Zellera tawallina</i> G. Martens 1868		
Family Dicranemataceae			
143	<i>Dicranema revolutum</i> (C. Agardh) J. Agardh 1852		
Family Dumontiaceae			
144	<i>Gibsmithia hawaiiensis</i> Doty 1963		
145	<i>Gibsmithia indopacifica</i> D. Gabriel, Draisma & Fredericq 2017¹		Type locality: Paliton Wall (off Paliton beach), Siquijor, Philippines (Gabriel <i>et</i> <i>al.</i> 2017: 1182)
146	<i>Gibsmithia malayensis</i> D. Gabriel, Draisma & Fredericq 2017¹		
147	<i>Rhodopeltis borealis</i> Yamada 1931		
Family Endocladiaceae			
148	<i>Gloiopeltis complanata</i> (Harvey) Yamada 1932		
149	<i>Gloiopeltis tenax</i> (Turner) Decaisne 1842		
Family Etheliaceae			
150	<i>Ethelia suluensis</i> K.R. Dixon 2015¹		Type locality: South Balatasan, Oriental Mindoro, Philippines (Dixon <i>et al.</i> 2015: 1167)
Family Faucheaceae			
151	<i>Gloiocladia ramellifera</i> Hauck 1886		

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152	<i>Leptofauchea leptophylla</i> (Segawa) Mas. Suzuki, Nozaki, R. Terada, Kitayama, Tetsu. Hashimoto & Yoshizaki 2012	<i>Fauchea leptophylla</i> Segawa	
Family Galaxauraceae			
153	<i>Actinotrichia fragilis</i> (Forsskål) Børgesen 1932	<i>Actinotrichia rigida</i> (J.V. Lamouroux) Decaisne 1842	
154	<i>Dichotomaria apiculata</i> (Kjellman) A. Kurihara & Masuda 2005	<i>Galaxaura apiculata</i> Kjellman <i>Galaxaura acuminata</i> Kjellman ex Butters	
155	<i>Dichotomaria falcata</i> (Kjellman) Kurihara & Masuda 2005	<i>Galaxaura falcata</i> Kjellman	
156	<i>Dichotomaria marginata</i> (J. Ellis & Solander) Lamarck 1816	<i>Galaxaura clavigera</i> Kjellman <i>Galaxaura marginata</i> (Ellis & Solander) J.V. Lamouroux <i>Galaxaura ventricosa</i> Kjellman <i>Galaxaura veprecula</i> Kjellman	
157	<i>Dichotomaria obtusata</i> (J. Ellis & Solander) Lamarck 1816	<i>Galaxaura obtusata</i> (J. Ellis & Solander) J.V. Lamouroux <i>Galaxaura robusta</i> Kjellman <i>Galaxaura umbellata</i> (Esper) J.V. Lamouroux	
158	<i>Dichotomaria spathulata</i> (Kjellman) A. Kurihara & Huisman 2006	<i>Galaxaura arborea</i> Kjellman	
159	<i>Galaxaura contigua</i> Kjellman 1900		
160	<i>Galaxaura divaricata</i> (Linnaeus) Huisman & R.A. Townsend 1993	<i>Galaxaura fasciculata</i> Kjellman	
161	<i>Galaxaura filamentosa</i> R.C.Y. Chou 1945		
162	<i>Galaxaura kjellmanii</i> Weber-van Bosse 1921		Type locality: North Ubian Island, Sulu, Philippines (Weber-van Bosse 1921: 217)
163	<i>Galaxaura pacifica</i> Tanaka 1935¹		
164	<i>Galaxaura rugosa</i> (J. Ellis & Solander) J.V. Lamouroux 1816	<i>Galaxaura cuculligera</i> Kjellman <i>Galaxaura sibogae</i> Weber-van Bosse <i>Galaxaura squalida</i> Kjellman <i>Galaxaura subfruticulosa</i> R. Chou <i>Galaxaura subverticillata</i> Kjellman	
165	<i>Galaxaura striata</i> Kjellman 1900		
166	<i>Tricleocarpa cylindrica</i> (J. Ellis & Solander) Huisman & Borowitzka 1990	<i>Galaxaura cylindrica</i> (J. Ellis & Solander) J.V. Lamouroux	
167	<i>Tricleocarpa fastigiata</i> (Decaisne) Huisman, G.H. Boo & S.M. Boo 2018	<i>Galaxaura fastigiata</i> Decaisne	Lectotype locality: Manila, Luzon, Philippines (Huisman 2006: 25)
168	<i>Tricleocarpa fragilis</i> (Linnaeus) Huisman & R.A. Townsend 1993	<i>Galaxaura constipata</i> Kjellman <i>Galaxaura dimorpha</i> Kjellman <i>Galaxaura oblongata</i> (J. Ellis & Solander) J.V. Lamouroux	
Family Gelidiaceae			
169	<i>Gelidium amansii</i> (J.V. Lamouroux) J.V. Lamouroux 1813		
170	<i>Gelidium coulteri</i> Harvey 1853		
171	<i>Gelidium crinale</i> (Hare ex Turner) Gaillon 1828		

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172	<i>Gelidium crinale</i> var. <i>perpusillum</i> Piccone & Grunow 1884		
173	<i>Gelidium divaricatum</i> G. Martens 1866	<i>Gelidiophycus divaricatus</i> (G. Martens) G.H. Boo, J.K. Park & S.M. Boo	
174	<i>Gelidium isabelae</i> W.R. Taylor 1945		
175	<i>Gelidium kintaroi</i> Yamada 1941	<i>Gelidium clavatum</i> Okamura nom. illeg.	
176	<i>Gelidium pulchellum</i> (Turner) Kützting 1868		
177	<i>Gelidium pusillum</i> (Stackhouse) Le Jolis 1863	<i>Acrocarpus pusillus</i> (Stackhouse) Kützting	
178	<i>Gelidium pusillum</i> var. <i>pacificum</i> W.R. Taylor 1945		
179	<i>Gelidium rigens</i> (C. Agardh) Greville ex Kützting 1849		
180	<i>Ptilophora scalaramosa</i> (Kraft) R.E. Norris 1987	<i>Beckerella scalaramosa</i> Kraft	Type locality: Bulusan, Sorsogon, Luzon, Philippines (Kraft 1976: 85)
181	<i>Ptilophora subcostata</i> (Okamura) R.E. Norris 1987²	<i>Beckerella subcostata</i> (Okamura) Kylín	Deposited in University Herbarium, University of California, Berkeley: UC1498239 , collected from Gaang, Currimao, Ilocos Norte (1979)
Family Gelidiellaceae			
182	<i>Gelidiella acerosa</i> (Forsskål) Feldmann & Hamel 1934	<i>Gelidium rigidum</i> (C. Agardh) Greville <i>Gelidiopsis rigida</i> (C. Agardh) Weber- van Bosse <i>Gelidium spiniforme</i> (J.V. Lamouroux) J.V. Lamouroux	
183	<i>Gelidiella fanii</i> S.-M. Lin 2008¹		
184	<i>Parviphycus adnatus</i> (E.Y. Dawson) B. Santelices 2004	<i>Gelidiella adnata</i> E.Y. Dawson	
185	<i>Perronella gracilis</i> G.H. Boo, T.V. Nguyen, J.Y. Kim, & S.M. Boo 2016¹		
Family Gigartinaceae			
186	<i>Chondracanthus tenellus</i> (Harvey) Hommersand 1993	<i>Gigartina tenella</i> Harvey	
Family Gracilariaceae			
187	<i>Agarophyton tenuistipitatum</i> (C.F. Chang & B.-M. Xia) Gurgel, J.N. Norris & Fredericq 2018	<i>Gracilaria tenuistipitata</i> C.F. Chang & B.-M. Xia	
188	<i>Crassiphycus changii</i> (B.-M. Xia & I.A. Abbott) Gurgel, J.N. Norris & Fredericq 2018	<i>Gracilaria changii</i> (B.M. Xia & I.A. Abbott) I.A. Abbott, J. Zhang & B.M. Xia <i>Polycavernosa changii</i> B. Xia & I.A. Abbott	
189	<i>Crassiphycus corneus</i> (J. Agardh) Gurgel, J.N. Norris & Fredericq 2018²	<i>Hydropuntia cornea</i> (J. Agardh) M.J. Wynne	Deposited in University of Michigan Herbarium: MICH658746 , collected from Zamboanga (1965)
190	<i>Crassiphycus firmus</i> (C.F. Chang & B.-M. Xia) Gurgel, J.N. Norris & Fredericq 2018	<i>Gracilaria firma</i> C.F. Chang & B.-M. Xia	

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191	<i>Crassiphycus punctatus</i> (Okamura) Gurgel, J.N. Norris & Fredericq 2018	<i>Gracilaria punctata</i> (Okamura) Yamada	
192	<i>Gracilaria arcuata</i> var. <i>snackeyi</i> Weber-van Bosse 1928		
193	<i>Gracilaria arcuata</i> Zanardini 1858		
194	<i>Gracilaria babae</i> (H. Yamamoto) P.-K. Ng, P.-E. Lim & S.-M. Phang 2014²	<i>Congracilaria babae</i> H. Yamamoto	Deposited in University of North Carolina at Chapel Hill Herbarium: NCU-A-0008150 , collected in front of the University of San Carlos Marine Station, Maribago, Mactan Island, Cebu (1998); NCU-A-0008151 , collected in front of the University of San Carlos Marine Station, Maribago, Mactan Island, Cebu (1998); NCU-A-0008152 , collected in front of the University of San Carlos Marine Station, Maribago, Mactan Island, Cebu (1998)
195	<i>Gracilaria blodgettii</i> Harvey 1853		
196	<i>Gracilaria bursa-pastoris</i> (S.G. Gmelin) P.C. Silva 1952	<i>Gracilaria compressa</i> (C. Agardh) Greville	
197	<i>Gracilaria canaliculata</i> Sonder 1871	<i>Gracilaria crassa</i> Harvey ex J. Agardh, 1876	
198	<i>Gracilaria coronopifolia</i> J. Agardh 1852	<i>Gracilaria lichenoides</i> f. <i>coronopifolia</i> (J. Agardh) V. May	
199	<i>Gracilaria cylindrica</i> Børgesen 1920		
200	<i>Gracilaria damicornis</i> J. Agardh 1852		
201	<i>Gracilaria debilis</i> (Forsskål) Børgesen 1932	<i>Polycavernosa debilis</i> (Forsskål) Fredericq & J.N. Norris	
202	<i>Gracilaria disticha</i> (J. Agardh) J. Agardh 1852		
203	<i>Gracilaria flagelliformis</i> (Sonder) Womersley 1996²	<i>Gracilaria harveyana</i> J. Agardh 1885	Deposited in University Herbarium, University of California, Berkeley: UC1498206 , collected from Pagudpud, Ilocos Norte (1979) UC1498207 , collected from Pagudpud, Ilocos Norte (1979)
204	<i>Gracilaria gigas</i> Harvey 1860		
205	<i>Gracilaria gracilis</i> (Stackhouse) Steentoft, L.M. Irvine & Farnham 1995¹		
206	<i>Gracilaria incurvata</i> Okamura 1931		
207	<i>Gracilaria isabellana</i> Gurgel, Fredericq & J.N. Norris 2004	<i>Gracilaria lacinulata</i> (M. Vahl) M. Howe <i>Gracilaria foliifera</i> (Forsskål) Børgesen	
208	<i>Gracilaria manilaensis</i> Yamamoto & Trono 1994		Type locality: Hali Beach, Paranaque, Manila Bay, Philippines (Yamamoto and Trono 1994: 96).
209	<i>Gracilaria minor</i> (Sonder) Durairatnam 1961	<i>Corallopsis minor</i> (Sonder) J. Agardh <i>Corallopsis salicornia</i> var. <i>minor</i> Sonder	

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210	<i>Gracilaria multipartita</i> (Clemente) Harvey 1846	<i>Gracilaria foliifera</i> f. <i>aeruginosa</i> (Turner) Børgesen <i>Gracilaria multipartita</i> var. <i>aeruginosa</i> (Turner) J. Agardh	
211	<i>Gracilaria papenfussii</i> I.A. Abbott 1983		
212	<i>Gracilaria salicornia</i> (C. Agardh) E.Y. Dawson 1954	<i>Corallopsis concrescens</i> Reinbold <i>Corallopsis salicornia</i> (C. Agardh) Greville <i>Gracilaria cacalia</i> (J. Agardh) E.Y. Dawson	Type locality: Manila, Luzon, Philippines (Dawson 1954: 4).
213	<i>Gracilaria spinigera</i> E.Y. Dawson 1949		
214	<i>Gracilaria spinulosa</i> (Okamura) Chang & B.-M. Xia 1976	<i>Rhodymenia spinulosa</i> Okamura <i>Gracilaria purpurascens</i> f. <i>spinulosa</i> (Okamura) Yamada	
215	<i>Gracilaria srilankia</i> (C.F. Chang & B.-M. Xia) A.F. Withell, A.J.K. Millar & Kraft 1994	<i>Gracilaria purpurascens</i> J. Agardh nom. illeg.	
216	<i>Gracilaria sullivanii</i> Yamamoto & Trono 1994		Type locality: Matabungkay, Batangas, Luzon Island, Philippines (Yamamoto and Trono 1994: 99)
217	<i>Gracilaria tenuistipitata</i> var. <i>liui</i> Zhang & Xia 1988		
218	<i>Gracilaria textorii</i> (Suringar) Hariot 1891		
219	<i>Gracilaria turgida</i> E.Y. Dawson 1949		
220	<i>Gracilaria vanbosseae</i> (I.A. Abbott) I.A. Abbott 1991	<i>Polycavernosa vanbosseae</i> I.A. Abbott	
221	<i>Gracilaria venezuelensis</i> W.R. Taylor 1942		
222	<i>Gracilaria vieillardii</i> P.C. Silva 1987	<i>Gracilaria denticulata</i> (Kützinger) Weber-van Bosse nom. illeg.	
223	<i>Gracilariopsis heteroclada</i> J.-F. Zhang & B.-M. Xia 1991	<i>Gracilariopsis bailinae</i> J. Zhang & B.-M. Xia <i>Gracilaria heteroclada</i> J.F. Zhang & B.-M. Xia, nom. illeg.	
224	<i>Gracilariopsis lemaneiformis</i> (Bory de Saint-Vincent) E.Y. Dawson, Acleto & Foldvik 1964	<i>Gracilaria lemaneiformis</i> (Bory de Saint-Vincent) Greville <i>Gigartina lemaneiformis</i> Bory de Saint-Vincent	
225	<i>Gracilariopsis longissima</i> (S.G. Gmelin) Steentoft, L.M. Irvine & Farnham 1995	<i>Gracilaria verrucosa</i> (Hudson) Papenfuss <i>Gracilaria confervoides</i> (Linnaeus) Greville	
226	<i>Hydropuntia divergens</i> (B.-M. Xia & I.A. Abbott) M.J. Wynne 1989		Holotype locality: Bulusan, Sorsogon, Philippines (Xia and Abbott 1987: 411)
227	<i>Hydropuntia edulis</i> (S.G. Gmelin) Gurgel & Fredericq 2004	<i>Gracilaria edulis</i> (S.G. Gmelin) P.C. Silva <i>Gracilaria lichenoides</i> (J.V. Lamouroux) Greville <i>Gracilaria taenioides</i> J. Agardh <i>Polycavernosa fastigiata</i> C.F. Chang & B.-M. Xia <i>Sphaerococcus lichenoides</i> C. Agardh	

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228	<i>Hydropuntia euheumatoides</i> (Harvey) Gurgel & Fredericq 2004	<i>Gracilaria euheumatoides</i> Harvey	
229	<i>Hydropuntia millardetii</i> (Montagne) Gurgel, J.N. Norris & Fredericq 2018³	<i>Gracilaria millardetii</i> (Montagne) J. Agardh	Deposited in Smithsonian National Museum of Natural History: US207924 , collected from Bulusan, Sorsogon (1974)
230	<i>Hydropuntia rangiferina</i> (Kützing) Gurgel & Fredericq 2004¹	<i>Gracilaria rangiferina</i> (Kützing) Piccone	
231	<i>Hydropuntia urvillei</i> Montagne 1842	<i>Gracilaria urvillei</i> (Montagne) I.A. Abbott	
Family Halymeniaceae			
232	<i>Carpopeltis capitellata</i> (Sonder) F.Schmitz 1897		
233	<i>Carpopeltis maillardii</i> (Montagne & Millardet) Chiang 1970	<i>Carpopeltis rigida</i> (Harvey ex J. Agardh) F. Schmitz	
234	<i>Cryptonemia crenulata</i> (J. Agardh) J. Agardh 1851		
235	<i>Cryptonemia denticulata</i> J. Agardh 1851		
236	<i>Cryptonemia seminervis</i> (C. Agardh) J. Agardh 1846	<i>Cryptonemia luxurians</i> (C. Agardh) J. Agardh	
237	<i>Dermocorynus dichotomus</i> (J. Agardh) Gargiulo, M. Morabito & Manghisi 2013	<i>Grateloupia dichotoma</i> J. Agardh	
238	<i>Grateloupia acuminata</i> Holmes 1896	<i>Halymenia acuminata</i> (Holmes) J. Agardh	
239	<i>Grateloupia angusta</i> (Okamura) S. Kawaguchi & H.W. Wang 2001	<i>Carpopeltis angusta</i> (Okamura) Okamura	
240	<i>Grateloupia articulata</i> (Okamura) S. Kawaguchi & H.W. Wang 2001	<i>Carpopeltis articulata</i> (Okamura) Okamura	
241	<i>Grateloupia chiangii</i> S. Kawaguchi & H.W. Wang 2001	<i>Carpopeltis divaricata</i> Okamura <i>Prionitis divaricata</i> (Okamura) Kawaguchi	
242	<i>Grateloupia conferta</i> (Kützing) Kützing 1867		
243	<i>Grateloupia cornea</i> Okamura 1913	<i>Carpopeltis cornea</i> (Okamura) Okamura <i>Prionitis cornea</i> (Okamura) E.Y. Dawson	
244	<i>Grateloupia crispata</i> (Okamura) Y.-P. Lee 2008	<i>Carpopeltis crispata</i> Okamura	
245	<i>Grateloupia divaricata</i> Okamura 1895		
246	<i>Grateloupia doryphora</i> (Montagne) M. Howe 1914	<i>Grateloupia multiphylla</i> E.Y. Dawson	
247	<i>Grateloupia ramosissima</i> Okamura 1913		
248	<i>Grateloupia schmitziana</i> (Okamura) S. Kawaguchi & H.W. Wang 2001	<i>Cryptonemia schmitziana</i> (Okamura) Okamura	
249	<i>Halymenia dilatata</i> Zanardini 1851		

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250	<i>Halymenia durvillei</i> Bory de Saint-Vincent 1828	<i>Halymenia ceylanica</i> Harvey ex Kützing <i>Halymenia durvillei</i> var. <i>ceylanica</i> (Harvey ex Kützing) Weber-van Bosse <i>Halymenia microcarpa</i> (Montagne) P.C. Silva <i>Mesogloia microcarpa</i> Montagne	
251	<i>Halymenia elongata</i> C. Agardh		
252	<i>Halymenia floresii</i> (Clemente) C. Agardh 1817		
253	<i>Halymenia formosa</i> Harvey ex Kützing 1866	<i>Halymenia durvillei</i> var. <i>formosa</i> (Harvey ex Kützing) Reinbold	
254	<i>Halymenia harveyana</i> J. Agardh 1892	<i>Halymenia floresii</i> subsp. <i>harveyana</i> (J. Agardh) Womersley & Lewis	
255	<i>Halymenia maculata</i> J. Agardh 1885		
256	<i>Halymenia malaysiana</i> P.-L. Tan, P.-E. Lim, S.-M. Lin & S.-M. Phang 2018¹		
257	<i>Halymenia porphyriiformis</i> P.G. Parkinson 1980¹		
258	<i>Halymenia stipitata</i> I.A. Abbott		
259	<i>Halymenia tondoana</i> O. De Clerck & Hernández-Kantún 2012¹		Type locality: Dancalan, Bulusan, Sorsogon, southwest Luzon, Philippines (Hernández-Kantún <i>et al.</i> 2012:427)
260	<i>Polyopes affinis</i> (Harvey) Kawaguchi & Wang 2002	<i>Carpopeltis affinis</i> (Harvey) Okamura <i>Gigartina affinis</i> Harvey	
261	<i>Polyopes prolifer</i> (Hariot) Kawaguchi & Wang 2002	<i>Carpopeltis flabellata</i> (Holmes) Okamura <i>Carpopeltis prolifera</i> (Hariot) Kawaguchi & Masuda	
262	<i>Spongophloea procumbens</i> (Weber-van Bosse) Huisman, De Clerck, Prud'homme & Borowitzka 2011	<i>Thamnoclonium procumbens</i> Weber-van Bosse	Type locality: Anchorage off Kapul (Capual) Island, Sulu, Sulu Archipelago, Philippines (Huisman <i>et al.</i> 2011: 6)
263	<i>Spongophloea treubii</i> (Weber-van Bosse) Huisman, De Clerck, Prud'homme & Borowitzka 2011	<i>Thamnoclonium treubii</i> Weber-van Bosse	Type locality: North Ubian Island, Sulu, Sulu Archipelago, Philippines (Huisman <i>et al.</i> 2011: 5)
264	<i>Yonagunia formosana</i> (Okamura) Kawaguchi & Masuda 2004	<i>Carpopeltis formosana</i> Okamura <i>Prionitis formosana</i> (Okamura) Kawaguchi & Nguyen	
Family Hydrolithaceae			
265	<i>Hydrolithon boergeseni</i> (Foslie) Foslie 1909	<i>Hydrolithon reinboldii</i> (Weber-van Bosse & Foslie) Foslie	
266	<i>Hydrolithon farinosum</i> (J.V. Lamouroux) Penrose & Y.M. Chamberlain 1993	<i>Fosliella farinosa</i> (J.V. Lamouroux) M. Howe	
Family Hymenocladaceae			
267	<i>Hymenocladia dactyloides</i> (Sonder) J. Agardh 1870	<i>Gracilaria dactyloides</i> Sonder	
Family Kallymeniaceae			
268	<i>Austrokallymenia rosea</i> (Womersley & R.E. Norris) Huisman & G.W. Saunders 2017	<i>Kallymenia rosea</i> Womersley & R.E. Norris	
269	<i>Callophyllis adhaerens</i> Yamada 1932		
270	<i>Callophyllis adnata</i> Okamura 1932		

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271	<i>Callophyllis fastigiata</i> (J. Agardh) J. Agardh 1876	<i>Gracilaria fastigiata</i> J. Agardh	
272	<i>Croisettea tasmanica</i> (Harvey) M.J. Wynne 2018	<i>Kallymenia tasmanica</i> Harvey	
273	<i>Kallymenia callophyloides</i> Okamura & Segawa 1935		
274	<i>Kallymenia pacifica</i> Kylin 1956		
275	<i>Kallymenia perforata</i> J. Agardh 1872		
276	<i>Kallymenia rubra</i> Womersley & R.E. Norris 1971		
277	<i>Kallymenia sessilis</i> Okamura 1934		
278	<i>Pugetia japonica</i> Kylin 1941	<i>Callophyllis okamurae</i> P.C. Silva	
Family Liagoraceae			
279	<i>Akalaphycus setchelliae</i> (Yamada) Huisman, I.A. Abbott & A.R. Sherwood 2004¹		
280	<i>Dermonema virens</i> (J. Agardh) Pedroche & Ávila Ortiz 1996	<i>Dermonema frapperi</i> (Montagne & Millardet) Børgesen <i>Dermonema gracile</i> (Kützing) F. Schmitz	
281	<i>Ganonema farinosum</i> (J.V. Lamouroux) K.C. Fan & Yung C. Wang 1974	<i>Liagora cheyneana</i> Harvey <i>Liagora farinosa</i> J.V. Lamouroux <i>Liagora farinosa</i> var. <i>cheynana</i> (Harvey) Zanefeld	
282	<i>Helminthocladia australis</i> Harvey 1863		
283	<i>Hommersandiophycus borowitzkae</i> (Huisman) S.-M. Lin & Huisman 2014¹		
284	<i>Hommersandiophycus samaensis</i> (C.K. Tseng) S.-M. Lin & Huisman 2014¹		
285	<i>Izziella orientalis</i> (J. Agardh) Huisman & Schils 2002	<i>Liagora orientalis</i> J. Agardh	
286	<i>Liagora boergesenii</i> Yamada 1938		
287	<i>Liagora canariensis</i> Børgesen 1927		
288	<i>Liagora ceranoides</i> J.V. Lamouroux 1816	<i>Liagora ceranoides</i> f. <i>leprosa</i> (J. Agardh) Yamada <i>Liagora ceranoides</i> var. <i>pulverulenta</i> (C. Agardh) Børgesen	
289	<i>Liagora fragilis</i> Zanardini 1851		
290	<i>Liagora hawaiiiana</i> Butters 1911		
291	<i>Liagora robusta</i> Yamada 1938		
292	<i>Liagora segawae</i> Yamada 1938		
293	<i>Neoizziella asiatica</i> S.-M. Lin, S.-Y. Yang & Huisman 2011¹		
294	<i>Neoizziella divaricata</i> (C.K. Tseng) S.-M. Lin, S.-Y. Yang & Huisman 2011	<i>Liagora divaricata</i> C.K. Tseng	
295	<i>Otohimella japonica</i> (Yamada) Mas. Suzuki, T. Segawa, Hi. Mori & H. Nozaki 2016	<i>Liagora japonica</i> Yamada	

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296	<i>Stenopeltis gracilis</i> (Yamada & Tanaka) Itono & Yoshizaki 1992	<i>Rhodopeltis gracilis</i> Yamada & Tanaka	
297	<i>Titanophycus setchellii</i> (Yamada) S.-M. Lin, S.-Y. Yang & Huisman 2011	<i>Liagora setchellii</i> Yamada	
298	<i>Titanophycus validus</i> (Harvey) Huisman, G.W. Saunders & A.R. Sherwood 2006	<i>Liagora tenuis</i> J. Agardh <i>Liagora valida</i> Harvey	
299	<i>Trichogloea lubrica</i> J. Agardh 1876²		Deposited in University of Michigan Herbarium: MICH1217271 , collected from Darigayos, Luna, La Union (1973)
300	<i>Trichogloea requienii</i> (Montagne) Kützing 1847		
Family Liagoropsidaceae			
301	<i>Liagoropsis schrammii</i> (P. Crouan & H. Crouan) Doty & I.A. Abbott 1964		
Family Lithophyllaceae			
302	<i>Amphiroa anastomosans</i> Weber-van Bosse 1904		
303	<i>Amphiroa anceps</i> (Lamarck) Decaisne 1842	<i>Amphiroa dilatata</i> J.V. Lamouroux	
304	<i>Amphiroa annulata</i> Me. Lemoine 1929		
305	<i>Amphiroa beauvoisii</i> J.V. Lamouroux 1816	<i>Amphiroa zonata</i> Yendo	
306	<i>Amphiroa bowerbankii</i> Harvey 1849²		Deposited in Farlow Herbarium of Harvard University: FH00777408 , collected from the Philippines (unspecified locality).
307	<i>Amphiroa crassa</i> J.V. Lamouroux 1824		
308	<i>Amphiroa cumingii</i> Montagne 1844		
309	<i>Amphiroa dimorpha</i> Me. Lemoine 1929		
310	<i>Amphiroa ephedraea</i> (Lamarck) Decaisne 1842		
311	<i>Amphiroa foliacea</i> f. <i>erecta</i> Weber-van Bosse 1904		
312	<i>Amphiroa foliacea</i> J.V. Lamouroux 1824		
313	<i>Amphiroa fragilissima</i> (Linnaeus) J.V. Lamouroux 1816		
314	<i>Amphiroa fragilissima</i> f. <i>cyathifera</i> (J.V. Lamouroux) Weber-van Bosse 1904		
315	<i>Amphiroa hancockii</i> W.R. Taylor 1942		
316	<i>Amphiroa pacifica</i> Kützing 1858		
317	<i>Amphiroa rigida</i> J.V. Lamouroux 1816		
318	<i>Amphiroa subcylindrica</i> E.Y. Dawson 1953		
319	<i>Amphiroa tribulus</i> (J. Ellis & Solander) J.V. Lamouroux 1816		

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320	<i>Amphiroa valonioides</i> Yendo 1902		
321	<i>Lithophyllum byssoides</i> (Lamarck) Foslie 1900	<i>Lithothamnion byssoides</i> (Lamarck) Philippi	
322	<i>Lithophyllum kuroshioense</i> A. Kato & M. Baba 2019¹		
323	<i>Lithophyllum pallescens</i> (Foslie) Foslie 1900	<i>Lithothamnion pallescens</i> Foslie	
324	<i>Lithophyllum pygmaeum</i> (Heydrich) Heydrich 1897	<i>Lithothamnion moluccense</i> Foslie <i>Lithophyllum moluccense</i> (Foslie) Foslie	
Family Lithothamniaceae			
325	<i>Lithothamnion australe</i> f. <i>brachiatum</i> Foslie 1904		Syntype localities: Semau Island and Timor, Indonesia; North Ubian Island and Tongkil (Tongquil) Island, Sulu, Sulu Archipelago (Foslie 1904: 24)
326	<i>Lithothamnion australe</i> f. <i>minutulum</i> Foslie 1904		Syntype localities: Tual, Kai Island, Moluccas, Indonesia; Tongkil (Tongquil) Island, Sulu, Sulu Archipelago) (Foslie 1904: 24)
327	<i>Lithothamnion australe</i> f. <i>subtile</i> Foslie 1907		
328	<i>Lithothamnion australe</i> f. <i>ubianum</i> Foslie 1904		Syntype localities: Celebes, Indonesia; Capual Island, North Ubian Island, and Tongkil (Tongquil) Island, Sulu, Sulu Archipelago (Foslie 1904: 24)
329	<i>Lithothamnion australe</i> Foslie 1904		
330	<i>Lithothamnion indicum</i> f. <i>subtile</i> Foslie 1907		
331	<i>Phymatolithon calcareum</i> (Pallas) W.H. Adey & D.L. McKibbin ex Woelkerling & L.M. Irvine 1986	<i>Lithothamnion calcareum</i> (Pallas) Areschoug <i>Lithothamnion polymorphum</i> Areschoug, nom. illeg.	
Family Lomentariaceae			
332	<i>Ceratodictyon intricatum</i> (C. Agardh) R.E. Norris 1987	<i>Gelidiopsis intricata</i> (C. Agardh) Vickers	
333	<i>Ceratodictyon repens</i> (Kützing) R.E. Norris 1987	<i>Gelidiopsis repens</i> (Kützing) Weber- van Bosse	
334	<i>Ceratodictyon scoparium</i> (Montagne & Millardet) R.E. Norris 1987²		Deposited in Herbarium Pacificum of Bishop Museum: BISH1078859 , collected from Dicasalarin, Baler, Aurora (1958); BISH1078861 , collected from Bulusan, Sorsogon (1969); BISH1078862 , collected from Bani, Rosario, La Union (1973)
335	<i>Ceratodictyon spongiosum</i> Zanardini 1878		
336	<i>Ceratodictyon variabile</i> (J. Agardh) R.E. Norris 1987	<i>Gelidiopsis variabilis</i> (Greville ex J. Agardh) F. Schmitz	
337	<i>Hooperia divaricata</i> (Durant) M.J. Wynne, C.W. Schneider, & G.W. Saunders 2019	<i>Lomentaria baileyana</i> (Harvey) Farlow	
338	<i>Lomentaria articulata</i> (Hudson) Lyngbye 1819		
339	<i>Lomentaria hakodatensis</i> Yendo 1920		

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340	<i>Lomentaria pinnata</i> Segawa 1938		
Family Mastophoraceae			
341	<i>Lithoporella indica</i> (Foslie) Adey 1970	<i>Litholepis indica</i> f. <i>philippinensis</i> Foslie	
342	<i>Lithoporella melobesioides</i> (Foslie) Foslie 1909	<i>Mastophora melobesioides</i> Foslie	
343	<i>Mastophora rosea</i> (C. Agardh) Setchell 1943	<i>Mastophora decasinei</i> Kützing <i>Mastophora licheniformis</i> Decaisne <i>Mastophora macrocarpa</i> Montagne <i>Melobesia foliacea</i> Kützing	
Family Mesophyllumaceae			
344	<i>Mesophyllum erubescens</i> (Foslie) Me. Lemoine 1928	<i>Lithothamnion erubescens</i> Foslie	
345	<i>Mesophyllum imbricatum</i> (Dickie) W.H. Adey 1970	<i>Lithothamnion imbricatum</i> Dickie	
346	<i>Mesophyllum pulchrum</i> (Weber-van Bosse & Foslie) Me. Lemoine 1928	<i>Lithothamnion pulchrum</i> Weber-van Bosse & Foslie	
347	<i>Mesophyllum siamense</i> (Foslie) W.H. Adey 1970	<i>Lithothamnion siamense</i> Foslie	
348	<i>Mesophyllum simulans</i> (Foslie) Me. Lemoine 1928	<i>Lithothamnion simulans</i> (Foslie) Foslie	
Family Peyssonneliaceae			
349	<i>Peyssonnelia conchicola</i> Piccone & Grunow 1884		
350	<i>Peyssonnelia distenta</i> (Harvey) Yamada 1930		
351	<i>Peyssonnelia evae</i> Weber-van Bosse 1921		Type locality: Pearl Bank, Tawi-Tawi, Sulu Archipelago, Philippines (Weber-van Bosse 1921: 279)
352	<i>Peyssonnelia foveolata</i> (Weber-van Bosse) Denizot 1968		Syntype localities: Muaras Reef, East Kalimantan, Indonesia; North Ubian Island and Pearl Bank, Sulu Archipelago (Weber-van Bosse 1921: 294)
353	<i>Peyssonnelia indica</i> (Weber-van Bosse) Denizot 1968		Syntype localities: Various in Indonesia; Banguingui (Tongquil) Island and Capual Island, Sulu Province, Sulu Archipelago (Weber-van Bosse 1921: 283)
354	<i>Peyssonnelia involvens</i> Zanardini 1858		
355	<i>Peyssonnelia luzonensis</i> Cordero 1977		Type locality: Quezon Island, Hundred Islands, Pangasinan, Philippines (Cordero 1977: 80)
356	<i>Peyssonnelia mariti</i> (Weber-van Bosse) Denizot 1968	<i>Cruoriella mariti</i> Weber-van Bosse	Syntype localities: Sebangkaitan Island, Little Paternoster Island and Flores, Indonesia; Banguingui (Tongquil) Island, Sulu, Sulu Archipelago (Weber-van Bosse 1921: 288)
357	<i>Peyssonnelia obscura</i> Weber-van Bosse 1921		Syntype localities: Various in Indonesia; Capual Island and North Ubian Island, Sulu Province, Sulu Archipelago (Weber-van Bosse 1921: 274–275)
358	<i>Peyssonnelia orientalis</i> (Weber-van Bosse) Cormaci & G. Furnari 1987	<i>Peyssonnelia rubra</i> f. <i>orientalis</i> Weber-van Bosse	Syntype localities: various in Indonesia; North Ubian Island, Sulu, Sulu Archipelago (Weber-van Bosse 1921: 270, 272)

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359	<i>Peyssonnelia rubra</i> (Greville) J. Agardh 1851		
360	<i>Peyssonnelia simulans</i> Weber-van Bosse 1916²		Deposited in Farlow Herbarium of Harvard University: FH00903520 , collected from Lamao, Limay, Bataan (1911)
361	<i>Peyssonnelia squamaria</i> (S.G. Gmelin) Decaisne ex J. Agardh 1842		
362	<i>Polystrata dura</i> Heydrich 1905	<i>Cruoriella dura</i> (Heydrich) Weber-van Bosse	
363	<i>Ramicrusta calcea</i> (Heydrich) K.R. Dixon 2013	<i>Peyssonnelia calcea</i> Heydrich	
Family Phylloporaceae			
364	<i>Ahnfeltiopsis flabelliformis</i> (Harvey) Masuda 1993	<i>Gymnogongrus flabelliformis</i> Harvey	
365	<i>Ahnfeltiopsis okamurae</i> P.C. Silva & DeCew 1992	<i>Ahnfeltia furcellata</i> Okamura	
366	<i>Ahnfeltiopsis pygmaea</i> (J. Agardh) P.C. Silva & DeCew	<i>Gymnogongrus pygmaeus</i> J. Agardh	
367	<i>Besa divaricata</i> (Holmes) M.S. Calderon & S.M. Boo 2016	<i>Ahnfeltiopsis divaricata</i> (Holmes) Masuda <i>Gymnogongrus divaricatus</i> Holmes	
368	<i>Gymnogongrus dilatatus</i> (Turner) J. Agardh 1851		
369	<i>Gymnogongrus durvillei</i> (Bory de Saint-Vincent) M.S. Calderon & S.M. Boo 2017	<i>Ahnfeltia concinna</i> J. Agardh <i>Ahnfeltiopsis concinna</i> (J. Agardh) P.C. Silva & DeCew	
370	<i>Phyllophora submaritima</i> E.Y. Dawson 1949		
Family Placentophoraceae			
371	<i>Callophycus serratus</i> (Harvey ex Kützing) P.C. Silva 1957	<i>Thysanocladia serrata</i> Harvey ex Kützing	
Family Plocamiaceae			
372	<i>Plocamium cirrhosum</i> (Turner) M.J. Wynne 2002	<i>Plocamium costatum</i> (C. Agardh) J.D. Hooker & Harvey	
373	<i>Plocamium patens</i> G. Martens 1868		Syntype localities: Timor, Indonesia; Zamboanga, Mindanao, Philippines (Silva <i>et al.</i> 1996: 343)
374	<i>Plocamium serrulatum</i> var. <i>pectinatum</i> Cordero 1977		Type locality: Tajojora, Batan Is. Batanes, Philippines (Cordero 1977: 140)
375	<i>Plocamium telfairiae</i> (W.J. Hooker & Harvey) Harvey ex Kützing 1849		
Family Porolithaceae			
376	<i>Porolithon onkodes</i> (Heydrich) Foslie 1909		
Family Pterocliadiaceae			
377	<i>Pterocliadiella bartlettii</i> (W.R. Taylor) Santelices 1998	<i>Gelidiella taylorii</i> A.B. Joly <i>Pterocliadiella taylorii</i> (Joly) Santelices	

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378	<i>Pterocladia caerulescens</i> (Kützting) Santelices & Hommersand 1997	<i>Gelidium caerulescens</i> Kützting <i>Pterocladia caerulescens</i> (Kützting) Santelices <i>Gelidium tropicum</i> (E.Y. Dawson) Verheij & Prud'homme <i>Pterocladia tropica</i> E.Y. Dawson <i>Gelidium irregulare</i> N.H. Loomis <i>Pterocladia rigida</i> N.H. Loomis	
379	<i>Pterocladia caloglossoides</i> (M. Howe) Santelices 1998	<i>Pterocladia parva</i> E.Y. Dawson <i>Pterocladia caloglossoides</i> (M. Howe) E.Y. Dawson	
380	<i>Pterocladia capillacea</i> (S.G. Gmelin) Santelices & Hommersand 1997	<i>Pterocladia capillacea</i> (S.G. Gmelin) Bornet <i>Pterocladia densa</i> Okamura	
381	<i>Pterocladia maribagoensis</i> G.H. Boo & P.J.L. Geraldino 2016¹		Type locality: Front of Marine Station, University of San Carlos, Maribago, Cebu (Boo and Geraldino 2016: 239- 248)
382	<i>Pterocladia nana</i> (Okamura) Shimada, Horiguchi & Masuda 2000	<i>Pterocladia nana</i> Okamura	
Family Rhizophyllidaceae			
383	<i>Portieria harveyi</i> (J. Agardh) P.C. Silva 1987²		Deposited in University of Michigan Herbarium: MICH669273 , collected from San Roque, Santiago, Ilocos Sur, Philippines (1973); MICH669274 , collected from Poro Point, San Fernando, La Union (1973); MICH669275 , collected from Bobon, Burgos, Ilocos Norte (1973)
384	<i>Portieria hornemannii</i> (Lyngbye) P.C. Silva 1987	<i>Chondrococcus hornemannii</i> (Lyngbye) F. Schmitz	
385	<i>Portieria japonica</i> (Harvey) P.C. Silva 1987	<i>Desmia japonica</i> Harvey	
Family Rhodogorgonaceae			
386	<i>Renouxia antillana</i> Fredericq & J.N. Norris 1995		
387	<i>Rhodogorgon ramosissima</i> J.N. Norris & Bucher 1989¹		
Family Rhodomelaceae			
388	<i>Acanthophora aokii</i> Okamura 1934		
389	<i>Acanthophora muscoides</i> (Linnaeus) Bory de Saint-Vincent 1828		
390	<i>Acanthophora spicifera</i> (M. Vahl) Borgesen 1910	<i>Acanthophora orientalis</i> J. Agardh <i>Acanthophora thierryi</i> J.V. Lamouroux <i>Acanthophora spicifera</i> f. <i>orientalis</i> (J. Agardh) Weber-van Bosse <i>Acanthophora spicifera</i> var. <i>orientalis</i> (J. Agardh) Zaneveld	
391	<i>Acrocystis nana</i> Zanardini 1872		
392	<i>Alsidium pusillum</i> E.Y. Dawson 1963		
393	<i>Amansia glomerata</i> C. Agardh 1822	<i>Melanamansia glomerata</i> (C. Agardh) R.E. Norris	

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394	<i>Amansia pumila</i> (Sonder) J. Agardh	<i>Melanamansia pumila</i> (Sonder) R.E. Norris	
395	<i>Amansia rhodantha</i> (Harvey) J. Agardh 1841²		Deposited in University of North Carolina at Chapel Hill Herbarium: NCU-A-0000893, collected from Panagtaran Point, Puerto Princesa, Palawan
396	<i>Aneurianna lorentzii</i> (Weber-van Bosse) L.E. Phillips 2006	<i>Lenormandiopsis lorentzii</i> (Weber-van Bosse) Papenfuss	
397	<i>Bostrychia binderi</i> Harvey 1849		
398	<i>Bostrychia calliptera</i> (Montagne) Montagne 1842		
399	<i>Bostrychia intricata</i> (Bory de Saint-Vincent) Montagne 1852		
400	<i>Bostrychia kelanensis</i> Grunow 1936		
401	<i>Bostrychia moritziana</i> (Sonder ex Kützing) J. Agardh 1863		
402	<i>Bostrychia radicans</i> (Montagne) Montagne 1842	<i>Bostrychia rivularis</i> Harvey	
403	<i>Bostrychia simpliciuscula</i> Harvey ex J. Agardh 1863		
404	<i>Bostrychia tenella</i> (J.V. Lamouroux) J. Agardh 1863		
405	<i>Chondria armata</i> (Kützing) Okamura 1907		
406	<i>Chondria crassicaulis</i> Harvey 1860		
407	<i>Chondria curvilineata</i> Collins & Hervey 1917		
408	<i>Chondria dasyphylla</i> (Woodward) C. Agardh 1817		
409	<i>Chondria polyrhiza</i> Collins & Hervey 1917		
410	<i>Chondria repens</i> Børgesen 1924		
411	<i>Chondria sedifolia</i> Harvey 1853		
412	<i>Chondria seticulosa</i> (Forsskål) C. Agardh 1822		
413	<i>Chondria sibogae</i> Weber-van Bosse 1923		Syntype localities: Lombok Island and Borneo Bank, Indonesia; North Ubian Island, Sulu, Sulu Archipelago, Philippines (Weber-van Bosse 1923: 350–351)
414	<i>Chondrophyucus carolinensis</i> (Y. Saito) K.W. Nam 1999	<i>Laurencia carolinensis</i> Y. Saito	
415	<i>Chondrophyucus cartilagineus</i> (Yamada) Garbary & J.T. Harper 1998	<i>Laurencia cartilaginea</i> Yamada	
416	<i>Chondrophyucus ceylanicus</i> (J. Agardh) M.J. Wynne, Serio, Cormaci & G. Furnari 2005	<i>Laurencia ceylanica</i> J. Agardh	
417	<i>Chondrophyucus columellaris</i> (Børgesen) E. Coppejans & A.J.K. Millar 2000	<i>Laurencia columellaris</i> Børgesen	
418	<i>Chondrophyucus glandulifer</i> (Kützing) Lipkin & P.C. Silva 2002		

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419	<i>Chondrophyucus tranoi</i> (Ganzon-Fortes) K.W. Nam 1999	<i>Laurencia tranoi</i> Ganzon-Fortes	Type locality: North of Pulong Bakaw, Calatagan, Batangas, Philippines (Ganzon-Fortes 1983: 404)
420	<i>Chondrophyucus undulatus</i> (Yamada) Garbary & Harper	<i>Laurencia undulata</i> Yamada	
421	<i>Corynecladia clavata</i> (Sonder) J. Agardh 1876	<i>Laurencia clavata</i> Sonder	
422	<i>Digenea simplex</i> (Wulfen) C. Agardh 1822		
423	<i>Enantiocladia okamurae</i> Yamada 1930		
424	<i>Endosiphonia spinuligera</i> Zanardini 1878		
425	<i>Endosiphonia spinulosa</i> (Harvey) Womersley & M.J. Parsons 2003		
426	<i>Exophyllum wentii</i> Weber-van Bosse 1911		
427	<i>Herposiphonia crassa</i> Hollenberg 1968		
428	<i>Herposiphonia delicatula</i> Hollenberg 1968		
429	<i>Herposiphonia dendroidea</i> Hollenberg 1968		
430	<i>Herposiphonia dendroidea</i> var. <i>minor</i> Hollenberg 1968		
431	<i>Herposiphonia nuda</i> Hollenberg 1968		
432	<i>Herposiphonia obscura</i> Hollenberg 1968		
433	<i>Herposiphonia pacifica</i> Hollenberg 1968		
434	<i>Herposiphonia parca</i> Setchell 1926		
435	<i>Herposiphonia plumula</i> (J. Agardh) Falkenberg 1901		
436	<i>Herposiphonia secunda</i> (C. Agardh) Ambronn 1880		
437	<i>Herposiphonia secunda</i> f. <i>tenella</i> (C. Agardh) M.J. Wynne 1985	<i>Herposiphonia tenella</i> (C. Agardh) Ambronn 1880	
438	<i>Herposiphonia subdisticha</i> Okamura 1899		
439	<i>Herposiphonia trichia</i> Hollenberg 1968		
440	<i>Heterosiphonia crispella</i> (C. Agardh) M.J. Wynne 1985	<i>Heterosiphonia wurdemannii</i> (J. Bailey ex Harvey) Falkenberg	
441	<i>Heterosiphonia muelleri</i> (Sonder) De Toni 1903		
442	<i>Laurencia brongniartii</i> J. Agardh 1841	<i>Laurencia concinna</i> Montagne <i>Laurencia grevilleana</i> Harvey	
443	<i>Laurencia caraibica</i> P.C. Silva 1972	<i>Laurencia nana</i> M. Howe	
444	<i>Laurencia chondrioides</i> Borgesen 1918		
445	<i>Laurencia composita</i> Yamada 1931		
446	<i>Laurencia decumbens</i> Kützing 1863		

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447	<i>Laurencia dendroidea</i> J. Agardh 1852	<i>Laurencia majuscula</i> (Harvey) A.H.S. Lucas <i>Laurencia obtusa</i> var. <i>dendroidea</i> (J. Agardh) Yamada	
448	<i>Laurencia distichophylla</i> J. Agardh 1852		
449	<i>Laurencia filiformis</i> (C. Agardh) Montagne 1845²		Deposited in University of Michigan Herbarium: MICH660929 , collected from Puerto Galera, Oriental Mindoro (1935); MICH660933 , collected from a small island opposite Culion Harbor, Culion Island, Calamian Islands, Palawan (1935) Deposited in University Herbarium, University of California, Berkeley: UC1463128 , collected from Ob-ob, Batan, Aklan (1977)
450	<i>Laurencia forsteri</i> (Mertens ex Turner) Greville 1830		
451	<i>Laurencia glandulifera</i> (Kützting) Kützting 1849		
452	<i>Laurencia intricata</i> J.V. Lamouroux 1813	<i>Laurencia implicata</i> J. Agardh	
453	<i>Laurencia mariannensis</i> Yamada 1931		
454	<i>Laurencia nidifica</i> J. Agardh 1852		
455	<i>Laurencia nipponica</i> Yamada 1931	<i>Laurencia masonii</i> var. <i>orientalis</i> Yamada 1931	
456	<i>Laurencia obtusa</i> (Hudson) J.V. Lamouroux 1813		
457	<i>Laurencia obtusa</i> var. <i>densa</i> Yamada 1931		
458	<i>Laurencia okamurae</i> Yamada 1931	<i>Laurencia japonica</i> Yamada	
459	<i>Laurencia pinnata</i> Yamada 1931		
460	<i>Laurencia similis</i> K.W. Nam & Y. Saito 1991		
461	<i>Laurencia snackeyi</i> (Weber-van Bosse) M. Masuda 1997	<i>Laurencia obtusa</i> var. <i>snackeyi</i> (Weber-van Bosse) Yamada <i>Laurencia paniculata</i> var. <i>snackeyi</i> Weber-van Bosse	
462	<i>Laurencia subsimplex</i> C.K. Tseng 1943		
463	<i>Laurencia tropica</i> Yamada 1931		
464	<i>Laurencia venusta</i> Yamada 1931		
465	<i>Leveillea jungermannioides</i> (Hering & G. Martens) Harvey	<i>Leveillea gracilis</i> Decaisne <i>Polyzonia jungermannioides</i> (Hering & G. Martens) J. Agardh	
466	<i>Lophocladia lallemandii</i> (Montagne) F. Schmitz 1893		
467	<i>Lophosiphonia cristata</i> Falkenberg 1901		
468	<i>Melanothamnus apiculatus</i> (Hollenberg) Díaz- Tapia & Maggs 2017	<i>Neosiphonia apiculata</i> (Hollenberg) Masuda & Kogame <i>Polysiphonia apiculata</i> Hollenberg	

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469	<i>Melanothamnus ferulaceus</i> (Suhr ex J. Agardh) Díaz-Tapia & Maggs 2017	<i>Polysiphonia ferulacea</i> Suhr ex J. Agardh	
470	<i>Melanothamnus gorgoniae</i> (Harvey) Díaz-Tapia & Maggs 2017	<i>Neosiphonia gorgoniae</i> (Harvey) S.M. Guimarães & M.T. Fujii <i>Polysiphonia gorgoniae</i> Harvey	
471	<i>Melanothamnus hawaiiensis</i> (Hollenberg) Díaz-Tapia & Maggs 2017	<i>Neosiphonia hawaiiensis</i> (Hollenberg) M.-S. Kim & I.A. Abbott <i>Polysiphonia hawaiiensis</i> Hollenberg	
472	<i>Melanothamnus savatieri</i> (Hariot) Díaz-Tapia & Maggs 2017	<i>Neosiphonia savatieri</i> (Hariot) M.S. Kim & I.K. Lee <i>Polysiphonia japonica</i> var. <i>savatieri</i> (Hariot) H.Y. Yoon <i>Polysiphonia savatieri</i> Hariot	
473	<i>Melanothamnus sparsus</i> (Setchell) Díaz-Tapia & Maggs 2017	<i>Lophosiphonia sparsa</i> Setchell <i>Polysiphonia sparsa</i> (Setchell) Hollenberg	
474	<i>Melanothamnus sphaerocarpus</i> (Børgesen) Díaz-Tapia & Maggs 2017	<i>Neosiphonia sphaerocarpa</i> (Børgesen) M.-S. Kim & I.K. Lee <i>Polysiphonia sphaerocarpa</i> Børgesen	
475	<i>Melanothamnus tongatensis</i> (Harvey ex Kützing) Díaz-Tapia & Maggs 2017	<i>Neosiphonia tongatensis</i> (Harvey ex Kützing) M.-S. Kim & I.K. Lee <i>Polysiphonia mollis</i> var. <i>tongatensis</i> (Harvey ex Kützing) Hollenberg	
476	<i>Melanothamnus upolensis</i> (Grunow) Díaz-Tapia & Maggs 2017	<i>Neosiphonia upolensis</i> (Grunow) M.S. Kim & Boo <i>Polysiphonia upolensis</i> Grunow	
477	<i>Murrayella pericladus</i> (C. Agardh) F. Schmitz 1893		
478	<i>Neurymenia fraxinifolia</i> (Mertens ex Turner) J. Agardh 1863		
479	<i>Ohelopapa flexilis</i> (Setchell) F. Rousseau, Martin-Lescanne, Payri & L. Le Gall 2017	<i>Laurencia flexilis</i> Setchell	
480	<i>Osmundaria obtusiloba</i> (C. Agardh) R.E. Norris 1991	<i>Vidalia obtusiloba</i> (Mertens ex C. Agardh) J. Agardh	
481	<i>Palisada capituliformis</i> (Yamada) K.W. Nam 2007	<i>Laurencia capituliformis</i> Yamada	
482	<i>Palisada corallopsis</i> (Montagne) Senties, Fujii & Díaz-Larrea 2008	<i>Laurencia corallopsis</i> (Montagne) M. Howe <i>Sphaerococcus corallopsis</i> Montagne	
483	<i>Palisada flagellifera</i> (J. Agardh) K.W. Nam 2007	<i>Chondrophyucus flagelliferus</i> (J. Agardh) K.W. Nam <i>Laurencia flagellifera</i> J. Agardh	
484	<i>Palisada intermedia</i> (Yamada) K.W. Nam 2007	<i>Chondrophyucus intermedius</i> (Yamada) Garbary & J.T. Harper <i>Laurencia intermedia</i> Yamada	
485	<i>Palisada parvipapillata</i> (C.K. Tseng) K.W. Nam 2007	<i>Chondrophyucus parvipapillatus</i> (C.K. Tseng) Garbary & J.T. Harper <i>Laurencia parvipapillata</i> C.K. Tseng	
486	<i>Palisada patentiramea</i> (Montagne) Cassano, Senties, Gil-Rodríguez & M.T. Fujii 2009	<i>Laurencia patentiramea</i> (Montagne) Kützing <i>Chondrophyucus patentirameus</i> (Montagne) K.W. Nam	

List no.	Currently accepted name	Synonym/ invalid name	Remarks
487	<i>Palisada perforata</i> (Bory de Saint-Vincent) K.W. Nam 2007	<i>Chondrophycus papillosus</i> (C. Agardh) D.J. Garbary & J.T. Harper <i>Laurencia papillosa</i> (C. Agardh) Greville <i>Laurencia perforata</i> (Bory de Saint-Vincent) Montagne <i>Palisada papillosa</i> (C. Agardh) K.W. Nam	
488	<i>Palisada robusta</i> K.W. Nam 2007	<i>Laurencia palisada</i> Yamada	
489	<i>Palisada surculigera</i> (C.K. Tseng) K.W. Nam 2007	<i>Laurencia surculigera</i> C.K. Tseng	
490	<i>Palisada thuyoides</i> (Kützing) Cassano, Senties, Gil-Rodríguez & M.T. Fujii 2009	<i>Laurencia paniculata</i> (C. Agardh) J. Agardh	
491	<i>Palisada yamadana</i> (M. Howe) K.W. Nam 2007	<i>Laurencia yamadana</i> M. Howe	
492	<i>Polysiphonia beaudettei</i> Hollenberg 1961	<i>Neosiphonia beaudettei</i> (Hollenberg) M.-S. Kim & I.A. Abbott	
493	<i>Polysiphonia flabellulata</i> Harvey 1860		
494	<i>Polysiphonia foetidissima</i> Cocks ex Bornet 1892	<i>Neosiphonia tepida</i> (Hollenberg) S.M. Guimarães & M.T. Fujii <i>Polysiphonia tepida</i> Hollenberg	
495	<i>Polysiphonia forfex</i> Harvey 1859	<i>Polysiphonia forcipata</i> Harvey	
496	<i>Polysiphonia fragilis</i> Suringar 1867		
497	<i>Polysiphonia mollis</i> J.D. Hooker & Harvey 1847		
498	<i>Polysiphonia pacifica</i> Hollenberg 1942		
499	<i>Polysiphonia pacifica</i> var. <i>delicatula</i> Hollenberg 1942		
500	<i>Polysiphonia poko</i> Hollenberg 1968	<i>Neosiphonia poko</i> (Hollenberg) I.A. Abbott	
501	<i>Polysiphonia scopulorum</i> Harvey 1855		
502	<i>Polysiphonia sertularioides</i> (Grateloup) J. Agardh 1863	<i>Neosiphonia sertularioides</i> (Grateloup) K.W. Nam & P.J. Kang	
503	<i>Polysiphonia subtilissima</i> Montagne 1840	<i>Neosiphonia subtilissima</i> (Montagne) M.S. Kim & I.K. Lee	
504	<i>Polysiphonia triton</i> P.C. Silva 1987		
505	<i>Polysiphonia tsudana</i> Hollenberg 1968		
506	<i>Polysiphonia villum</i> J. Agardh 1863	<i>Polysiphonia scopulorum</i> var. <i>villum</i> (J. Agardh) Hollenberg	
507	<i>Tolypocladia calodictyon</i> (Harvey ex Kützing) P.C. Silva 1952		
508	<i>Tolypocladia condensata</i> (Weber-van Bosse) P.C. Silva 1952	<i>Roschera condensata</i> Weber-van Bosse	
509	<i>Tolypocladia glomerulata</i> (C. Agardh) F. Schmitz 1897		
510	<i>Wilsonosiphonia howei</i> (Hollenberg) D. Bustamante, Won & T.O. Cho 2017	<i>Polysiphonia howei</i> Hollenberg	

List no.	Currently accepted name	Synonym/ invalid name	Remarks
511	<i>Womersleyella setacea</i> (Hollenberg) R.E. Norris	<i>Polysiphonia setacea</i> Hollenberg	
512	<i>Yuzurua poiteaui</i> (J.V. Lamouroux) Martin-Lescanne 2010	<i>Laurencia poiteaui</i> (J.V. Lamouroux) M. Howe	
Family Rhodymeniaceae			
513	<i>Botryocladia botryoides</i> (Wulfen) Feldmann 1941	<i>Chrysymenia uvaria</i> (J.A. Murray) J. Agardh	
514	<i>Botryocladia leptopoda</i> (J. Agardh) Kylin 1931		
515	<i>Botryocladia pyriformis</i> (Børgesen) Kylin 1931		
516	<i>Botryocladia skottsbergii</i> (Børgesen) Levring 1941		
517	<i>Botryocladia uvarioides</i> E.Y. Dawson 1944		
518	<i>Chrysymenia kaernbachii</i> Grunow 1889		
519	<i>Chrysymenia procumbens</i> Weber- van Bosse 1928²		Deposited in Herbarium Pacificum of Bishop Museum: BISH1079599 , collected from Bulusan, Sorsogon
520	<i>Erythrocolon podagricum</i> J. Agardh 1874		
521	<i>Rhodymenia californica</i> Kylin 1931		
522	<i>Rhodymenia coacta</i> Okamura & Segawa 1935		
523	<i>Rhodymenia decumbens</i> W.R. Taylor 1945		
524	<i>Rhodymenia divaricata</i> E.Y. Dawson 1941		
525	<i>Rhodymenia intricata</i> (Okamura) Okamura 1930	<i>Phyllophora intricata</i> Okamura	
Family Sarcodiaceae			
526	<i>Sarcodia montagneana</i> (J.D. Hooker & Harvey) J. Agardh 1852		
Family Schizymeniaceae			
527	<i>Titanophora calcarea</i> (Okamura) Børgesen 1949²		Deposited in University of North Carolina at Chapel Hill Herbarium: NCU-A-0029262 , collected from a reef at Agoho Point, Catanduanes (1989); NCU-A-0029260 , collected in front of Villa Luisa Celeste Resort, Dancalan, Bulusan, Sorsogon (1998); NCU-A-0029259 , collected in front of Villa Luisa Celeste Resort, Dancalan, Bulusan, Sorsogon (1998)
528	<i>Titanophora incrustans</i> (J. Agardh) Børgesen 1949		
529	<i>Titanophora mauritiana</i> Børgesen 1949		
530	<i>Titanophora weberae</i> Børgesen 1943		
Family Scinaiaceae			
531	<i>Scinaia borealis</i> Huisman 1986		

List no.	Currently accepted name	Synonym/ invalid name	Remarks
532	<i>Scinaia hormoides</i> Setchell 1914		
533	<i>Scinaia japonica</i> Setchell 1914		
534	<i>Scinaia latifrons</i> M. Howe 1911		
535	<i>Scinaia moniliformis</i> J. Agardh 1885		
536	<i>Scinaia tsinglanensis</i> C.K. Tseng 1941		
Family Sebdeniaceae			
537	<i>Cryptocallis dixoniorum</i> Huisman & G.W. Saunders 2018¹		
538	<i>Lesleigha yamadae</i> (Okamura & Segawa) G.W. Saunders & Kraft 2011	<i>Sebdenia yamadae</i> Okamura & Segawa	
539	<i>Sebdenia flabellata</i> (J. Agardh) P.G. Parkinson 1980	<i>Halymenia agardhii</i> De Toni	
540	<i>Sebdenia limensis</i> (Kützting) M. Howe 1914		
Family Solieriaceae			
541	<i>Betaphycus gelatinus</i> (Esper) Doty ex P.C. Silva 1996	<i>Betaphycus philippinensis</i> Doty <i>Eucheuma gelatinae</i> (Esper) J. Agardh <i>Eucheuma gelatinum</i> (Esper) J. Agardh <i>Sphaerococcus gelatinus</i> (Esper) C. Agardh <i>Gigartina gelatinosa</i> Endlicher orth. mut.	
542	<i>Eucheuma alvarezii</i> var. <i>ajakii-assii</i> Doty 1985		Type locality: <i>Eucheuma</i> farm, about 1 km southwest of the southern tip of Tumindao Island, Tawi-Tawi, Sulu Archipelago, Philippines (Doty 1985: 42)
543	<i>Eucheuma crassum</i> Zanardini 1878		
544	<i>Eucheuma crustiforme</i> Weber-van Bosse 1928		
545	<i>Eucheuma denticulatum</i> (N.L. Burman) Collins & Hervey 1917	<i>Fucus denticulatus</i> N.L. Burman <i>Eucheuma spinosum</i> J. Agardh <i>Eucheuma muricatum</i> (S.G. Gmelin) Weber-van Bosse	
546	<i>Eucheuma denticulatum</i> var. <i>endong</i> Trono & Ganzon-Fortes 2012		Type locality: Dancalan, Sorsogon, Philippines (Ganzon-Fortes <i>et al.</i> 2012: 1110)
547	<i>Eucheuma edule</i> (Kützting) Weber-van Bosse 1926		
548	<i>Eucheuma horridum</i> J. Agardh 1852		
549	<i>Eucheuma leeuwenii</i> Weber-van Bosse 1928		
550	<i>Eucheuma perplexum</i> Doty 1988		
551	<i>Eucheuma serra</i> (J. Agardh) J. Agardh 1847		
552	<i>Eucheumatopsis isiformis</i> (C. Agardh) Núñez-Resendiz, Dreckmann & Senties 2019	<i>Eucheuma isiforme</i> (C. Agardh) J. Agardh	
553	<i>Kappaphycus alvarezii</i> (Doty) Doty ex P.C. Silva 1996	<i>Eucheuma alvarezii</i> Doty <i>Eucheuma cottonii</i> Weber-van Bosse <i>Eucheuma cottonii</i> var. <i>erecta</i>	
554	<i>Kappaphycus alvarezii</i> var. <i>tambalang</i> (Doty) comb. ined., nom. inval.	<i>Eucheuma alvarezii</i> var. <i>tambalang</i> Doty	Type locality: Calatagan, Batangas, Philippines (Doty 1985: 41)

List no.	Currently accepted name	Synonym/ invalid name	Remarks
555	<i>Kappaphycus cottonii</i> (Weber-van Bosse) Doty ex P.C. Silva 1996	<i>Eucheuma okamurae</i> Yamada	
556	<i>Kappaphycus inermis</i> (F. Schmitz) Doty ex H.D. Nguyen & Q.N. Huynh 1995	<i>Eucheuma inerme</i> F. Schmitz	
557	<i>Kappaphycus procrusteanus</i> (Kraft) Doty 1988	<i>Eucheuma procrusteanum</i> Kraft	Type locality: Semirara Islands, Caluya, Antique (Kraft 1969: 215)
558	<i>Kappaphycus striatus</i> (F. Schmitz) Doty ex P.C. Silva 1996	<i>Eucheuma striatum</i> F. Schmitz	
559	<i>Meristotheca coacta</i> Okamura 1930		
560	<i>Meristotheca papulosa</i> (Montagne) J. Agardh 1872		
561	<i>Mimica amakusaensis</i> (Okamura) Santiañez & M.J. Wynne 2020	<i>Eucheuma amakusaense</i> Okamura	
562	<i>Mimica arnoldii</i> (Weber-van Bosse) Santiañez & M.J. Wynne 2020	<i>Eucheuma arnoldii</i> Weber-van Bosse <i>Eucheuma cupressoideum</i> Weber-van Bosse	
563	<i>Mimica arnoldii</i> var. <i>alcyonida</i> (Kraft) Santiañez & M.J. Wynne 2020	<i>Eucheuma arnoldii</i> var. <i>alcyonida</i> Kraft	Type locality: Bulusan, Sorsogon Province, Philippines (Kraft <i>et al.</i> 1999: 11)
564	<i>Sarconema filiforme</i> (Sonder) Kylin 1932		
565	<i>Solieria dura</i> (Zanardini) F. Schmitz 1895		
566	<i>Solieria pacifica</i> (Yamada) Yoshida 1989		
567	<i>Solieria robusta</i> (Greville) Kylin 1932		
568	<i>Wurdemannia miniata</i> (Sprengel) Feldmann & Hamel 1934		
Family Spongitaceae			
569	<i>Neogoniolithon brassica-florida</i> (Harvey) Setchell & L.R. Mason 1943	<i>Neogoniolithon frutescens</i> (Foslie) Setchell & L.R. Mason <i>Goniolithon frutescens</i> Foslie	
570	<i>Neogoniolithon megalocystum</i> (Foslie) Setchell & L.R. Mason 1943	<i>Goniolithon megalocystum</i> Foslie	
Family Sporolithaceae			
571	<i>Sporolithon erythraeum</i> (Rothpletz) Kylin 1956	<i>Archaeolithothamnion erythraeum</i> (Rothpletz) Foslie	
572	<i>Sporolithon schmidtii</i> (Foslie) G.D. Gordon, Masaki & Akioka 1976	<i>Archaeolithothamnion schmidtii</i> Foslie	
573	<i>Sporolithon sibogae</i> (Weber-van Bosse & Foslie) P.C. Silva 1987	<i>Archaeolithothamnion sibogae</i> Weber-van Bosse & Foslie	Type locality: Pearl Bank, Tawi-Tawi, Sulu Archipelago (Foslie 1901: 3)
574	<i>Sporolithon timorensis</i> (Foslie) P.C. Silva 1987	<i>Archaeolithothamnion timorensis</i> Foslie	
Family Wrangeliaceae			
575	<i>Anotrichium tenue</i> (C. Agardh) Nägeli 1862	<i>Griffithsia tenuis</i> C. Agardh	
576	<i>Balliella subcorticata</i> Itono & Tak. Tanaka 2018		
577	<i>Dasyphila plumarioides</i> Yendo 1920		
578	<i>Gordonella yonakuniensis</i> (Yamada & T. Tanaka) Itono 1977	<i>Spermothamnion yonakuniense</i> Yamada & T. Tanaka	

List no.	Currently accepted name	Synonym/ invalid name	Remarks
579	<i>Griffithsia ovalis</i> Harvey 1855		
580	<i>Griffithsia rhizophora</i> Grunow ex Weber-van Bosse 1923		
581	<i>Griffithsia subcylindrica</i> Okamura 1930		
582	<i>Haloplegma duperreyi</i> Montagne 1842		
583	<i>Pleonosporium globuliferum</i> Levring 1941		
584	<i>Ptilothamnion cladophorae</i> (Yamada & T. Tanaka) G. Feldmann-Mazoyer 1941		
585	<i>Wrangelia argus</i> (Montagne) Montagne 1856		
586	<i>Wrangelia bicuspidata</i> Børgesen 1916		
587	<i>Wrangelia penicillata</i> (C. Agardh) C. Agardh 1828		
588	<i>Wrangelia plumosa</i> Harvey 1844		
589	<i>Wrangelia velutina</i> (Sonder) Harvey 1855		
Family Yamadaellaceae			
590	<i>Yamadaella caenomyce</i> (Decaisne) I.A. Abbott 1970	<i>Liagora caenomyce</i> Decaisne	Type locality: Manila, Luzon, Philippines (Decaisne 1842: 119)
Taxon with generic record only			
List no.	Taxon recorded		Remarks
Family Callithamniaceae			
591	<i>Callithamnion</i> Lyngbye 1819		Reported by Kraft <i>et al.</i> (1999)
592	<i>Euptilota</i> (Kützing) Kützing 1849		Reported by Kraft <i>et al.</i> (1999)
Family Delesseriaceae			
593	<i>Nitophyllum</i> Greville 1830 ²		Deposited in University of North Carolina at Chapel Hill Herbarium: NCU-A-0020993 , collected from the west side of Bankawan Island, Lavezares, Northern Samar (1998); NCU-A-0020994 , collected from the northwest side of Little Santa Cruz Island, Zamboanga City (1998)
Family Dumontiaceae			
594	<i>Dudresnaya</i> P. Crouan & H. Crouan 1835		Reported by Kraft <i>et al.</i> (1999)
Family Halymeniaceae			
595	<i>Grateloupia</i> 'filicina'		De Clerck <i>et al.</i> (2005) noted that tropical specimens identified as <i>Grateloupia filicina</i> form a single monophyletic clade that is distinct from their temperate counterparts; this suggests that tropical lineages may be representatives of unique taxa. Further taxonomic and molecular phylogenetic works are needed to resolve the identities of species known as <i>Grateloupia filicina</i> in the tropics.
596	<i>Zanardinula</i> De Toni 1936 ²		Deposited in Field Museum of Natural History: C0513950F , collected from Dalupiri Island, Babuyan Islands, Cagayan (1935); C0513951F , collected from Dalupiri Island, Babuyan Islands, Cagayan (1935)

List no.	Taxon recorded	Remarks
	Family Kallymeniaceae	
597	<i>Euthora</i> J. Agardh 1847 ²	Deposited in Field Museum of Natural History: C0507024F , collected from Wawa, Nasugbu, Batangas (1935)
	Family Porolithaceae	
598	<i>Metagoniolithon</i> Weber-van Bosse 1904 ³	Deposited in Smithsonian National Museum of Natural History: US25743 , collected from Balabac Strait (1842)
	Family Rhabdoniaceae	
599	<i>Rhabdonia</i> J.D. Hooker & Harvey 1847	Reported by Kraft <i>et al.</i> (1999)
	Family Rhodomelaceae	
600	<i>Halopithys</i> Kützing 1843 ³	Deposited in Smithsonian National Museum of Natural History: US7737 , collected near the fisheries station of Zamboanga City, Zamboanga del Sur (1951)
Species listed as preliminary records		
	Taxon recorded	Remarks
	Family Cystocloniaceae	
	<i>Hypnea anastomosans</i> Papenfuss, Lipkin & P.C. Silva 2002 ²	Doubtful identification based on morphology. Deposited in University of Michigan Herbarium: MICH659113 , collected from Bobon, Burgos, Ilocos Norte (1973); MICH659115 , collected Dalayongan, Lazi, Siquijor (1972)
	<i>Hypnea hamulosa</i> (Esper) J.V. Lamouroux 1813 ⁴	Herbarium material cannot be located. Deposited in G.T. Velasquez Phycological Herbarium: MS11552 , collected from Wawa, Nasugbu, Batangas (1969); MS119514 , collected from Matiao Beach, Dumaguete City, Negros Oriental (1969)
	Family Delesseriaceae	
	<i>Thuretia</i> Decaisne 1844 ²	This appears to be a species of <i>Codium</i> based on its gross morphology Deposited in Field Museum of Natural History: C0511391F , collected from a reef at Salomague Beach, Cabugao, Ilocos Sur (1973)
	Family Halymeniaceae	
	<i>Codiophyllum</i> J.E. Gray 1872 ²	Online record is present but scanned pressed specimen not available. Deposited in Herbarium Pacificum of Bishop Museum: BISH1079653 , collected from Bobon, Burgos, Ilocos Norte
	Family Liagoraceae	
	<i>Nemalion</i> Duby 1830 ²	Sample is stored in an envelope and cannot be examined. Deposited in University Herbarium, University of California, Berkeley: UC1456833 , collected from Darigayos, Luna, La Union (1973); UC1456034 , collected from Maniknik, Puerto Galera, Oriental Mindoro (1972); UC1456035 , collected from Punta Maria, Borongan, Eastern Samar (1973); UC1456045 , collected from Divinubo Island, Borongan, Eastern Samar (1973)

Taxon recorded	Remarks
Family Lithophyllaceae	
<i>Lithophyllum amplostratum</i> W.R. Taylor 1945 ⁴	Deposited in G.T. Velasquez Phycological Herbarium: MSI3235 , collected from Dapdap, Bulusan, Sorsogon (1984)
<i>Lithophyllum bamleri</i> (Heydrich) Heydrich 1897 ⁴	Deposited in G.T. Velasquez Phycological Herbarium: MSI3385 , collected from Potipot, Candelaria, Zambales (1985); MSI14700 , collected from Burot, Calatagan, Batangas (1981)
Family Polyidaceae	
<i>Polyides rotunda</i> (Hudson) Gaillon 1828 ²	Originally described from England and currently mostly found in regions characterized by cold waters. Deposited in University Herbarium, University of California, Berkeley: UC1404698 , collected from Basco, Batanes (1964)
Family Pterocladaceae	
<i>Pterocladia</i> J. Agardh 1851 ²	Doubtful based on morphology. Deposited in University of Michigan Herbarium: MICH669601 , collected from Dalayongan, Lazi, Siquijor (1972)
Family Peyssonneliaceae	
<i>Peyssonnelia caulifera</i> Okamura 1899 ⁴	Deposited in G.T. Velasquez Phycological Herbarium: MSI11775 , collected from Hundred Island, Alaminos, Pangasinan (1953); MSI22230 , collected from Porto, Mariveles, Bataan
Family Rhodomelaceae	
<i>Palisada cervicornis</i> (Harvey) Collado-Vides, Cassano & M.T. Fujii 2017 ⁴	Herbarium material cannot be located. Deposited in G.T. Velasquez Phycological Herbarium: MSI15194 , collected from Station 1, Sembrano Farm, Danajon Reef, Bien Unido, Bohol (1985)
<i>Palisada cruciata</i> (Harvey) K.W. Nam 2007 ⁴	Possibly misidentified. Deposited in G.T. Velasquez Phycological Herbarium: MSI11491 , collected from Boaya Pt., Puerto Galera, Oriental Mindoro (1956); MSI11490 , collected from 1 st Plateau, Muelle Bay, Puerto Galera, Oriental Mindoro (1955)
<i>Palisada jejuna</i> (C.K. Tseng) K.W. Nam 2007 ⁴	Herbarium material cannot be located. Deposited in G.T. Velasquez Phycological Herbarium: MSI5317 , collected from Rabon, La Union (1987)
<i>Chondrophyucus verticillatus</i> (J.F. Zhang & B.-M. Xia) K.W. Nam 1999 ⁴	Herbarium material cannot be located. Deposited in G.T. Velasquez Phycological Herbarium: MSI5319 , collected from Rabon, La Union (1987)
Family Rhodymeniaceae	
<i>Drouetia</i> G. De Toni 1938 ²	Online record is present but scanned pressed specimen not available. Deposited in Herbarium Pacificum of Bishop Museum: BISH1080507 , collected from Bulusan, Sorsogon; BISH1080508 , collected from the Philippines (unspecified locality)
Family Wrangeliaceae	

Taxon recorded	Remarks
<i>Pilota filicina</i> J. Agardh 1876 ²	Sample is stored in an envelope and cannot be examined. Deposited in University Herbarium, University of California, Berkeley: UC699218, collected from Cagayan (1909)

Table 4. List of seaweeds newly added to the Philippines. Databases where these records were derived have been indicated by numerical superscripts: ¹ for AlgaeBase, ² for the Macroalgal Herbarium Portal, ³ for collection records of the Smithsonian National Museum of Natural History, ⁴ for the materials of the G.T. Velasquez Phycological Herbarium, and ⁵ for those from Modelo and Umezaki (1995).

List no.	Taxa
Brown seaweeds (Phaeophyceae, Ochrophyta)	
1	<i>Dictyota acutiloba</i> J. Agardh 1848 ²
2	<i>Dictyota canaliculata</i> De Clerck & Coppejans 1997 ¹
3	<i>Dictyota dichotoma</i> var. <i>intricata</i> (C. Agardh) Greville 1830 ²
4	<i>Dictyota grossedentata</i> De Clerck & Coppejans 1999 ²
5	<i>Dictyota intermedia</i> Zanardini 1874 ²
6	<i>Dictyota stolonifera</i> E.Y. Dawson 1962 ¹
7	<i>Ectocarpus simpliciusculus</i> var. <i>vitiensis</i> Askenasy 1827 ²
8	<i>Lobophora boussoleae</i> C.W. Vieira & Payri 2019 ¹
9	<i>Padina somalensis</i> Hauck 1887 ²
10	<i>Rosenvingea australis</i> Huisman, G.H. Boo & S.M. Boo 2018 ¹
11	<i>Rosenvingea nhatrangensis</i> E.Y. Dawson 1954 ¹
12	<i>Sargassum acinaciforme</i> Montagne 1850 ⁵
13	<i>Sargassum angustifolium</i> C. Agardh 1820 ⁵
14	<i>Sargassum carpophyllum</i> J. Agardh 1848 ¹
15	<i>Sargassum glaucescens</i> J. Agardh 1848 ⁵
16	<i>Sargassum graminifolium</i> C. Agardh 1820 ²
17	<i>Sargassum henslowianum</i> C. Agardh 1848 ⁵
18	<i>Sargassum herporhizum</i> Setchell & N.L. Gardner 1924 ⁵
19	<i>Sargassum parvivesiculosum</i> C.K. Tseng & B. Lu 1979 ⁵
20	<i>Sargassum plagiophyllum</i> C. Agardh 1824 ²
21	<i>Sargassum steinitzii</i> Lipkin & P.C. Silva 2002 ²
22	<i>Sargassum swartzii</i> C. Agardh 1820 ²
23	<i>Sargassum thunbergii</i> (Mertens ex Roth) Kuntze 1880 ²
24	<i>Turbinaria tricostata</i> E.S. Barton 1891 ²
Green seaweeds (Ulvothyceae, Chlorophyta)	
25	<i>Avrainvillea amadelpha</i> (Montagne) A. Gepp & E.S. Gepp 1908 ³
26	<i>Avrainvillea asarifolia</i> Børgesen 1909 ²
27	<i>Avrainvillea rawsonii</i> (Dickie) M. Howe 1907 ²
28	<i>Bryopsis hypnoides</i> J.V. Lamouroux 1809 ³
29	<i>Caulerpa falcifolia</i> Harvey & Bailey 1851 ¹
30	<i>Caulerpa oligophylla</i> Montagne 1842 ¹
31	<i>Caulerpa scalpelliformis</i> (R. Brown ex Turner) C. Agardh 1817 ²
32	<i>Caulerpa serrulata</i> f. <i>angusta</i> (Weber-van Bosse) Eubank 1946 ²

List no.	Taxa
33	<i>Caulerpa taxifolia</i> f. <i>tristichophylla</i> Svedelius 1906 ²
34	<i>Chaetomorpha indica</i> (Kützting) Kützting 1849 ²
35	<i>Cladocephalus</i> M. Howe 1905 ²
36	<i>Cladophora fuliginosa</i> Kützting 1849 ⁴
37	<i>Cladophora lehmanniana</i> (Lindenberg) Kützting 1843 ²
38	<i>Cladophora rugulosa</i> G. Martens 1866 ³
39	<i>Codium adhaerens</i> C. Agardh 1822 ³
40	<i>Codium arenicola</i> M.E. Chacana & P.C. Silva 2014 ¹
41	<i>Codium repens</i> P. Crouan & H. Crouan 1905 ²
42	<i>Codium strangulatum</i> M.E. Chacana & P.C. Silva 2015 ¹
43	<i>Flabellia petiolata</i> (Turra) Nizamuddin 1987 ²
44	<i>Halicoryne spicata</i> (Kützting) Solms-Laubach 1895 ²
45	<i>Halimeda borneensis</i> W.R. Taylor 1975 ¹
46	<i>Halimeda copiosa</i> Goreau & E.A. Graham 1967 ³
47	<i>Halimeda discoidea</i> f. <i>subdigitata</i> W.J. Gilbert 1947 ²
48	<i>Halimeda heteromorpha</i> N'Yeurt 2006 ¹
49	<i>Halimeda lacunalis</i> f. <i>lata</i> (W.R. Taylor) L.W. Hillis 1959 ³
50	<i>Halimeda melanesica</i> Valet 1966 ¹
51	<i>Halimeda minima</i> (W.R. Taylor) Hillis-Colinvaux 1968 ¹
52	<i>Halimeda monile</i> (J. Ellis & Solander) J.V. Lamouroux 1816 ²
53	<i>Penicillus</i> Lamarck 1813 ³
54	<i>Pseudobryopsis</i> Berthold 1904 ²
55	<i>Pseudorhizoclonium philippinense</i> Leliaert, Bodeker & A.R. Sherwood 2019 ¹
56	<i>Rhizoclonium tortuosum</i> (Dillwyn) Kützting 1845 ²
57	<i>Udotea polychotomis</i> Cordero 1975 ²
58	<i>Ulva expansa</i> (Setchell) Setchell & N.L. Gardner 1920 ⁴
59	<i>Ulva intestinalis</i> f. <i>attenuata</i> (Ahlner) M.J. Wynne 2014 ²
Red seaweeds (Bangiophyceae and Florideophyceae, Rhodophyta)	
60	<i>Akalaphycus setchelliae</i> (Yamada) Huisman, I.A. Abbott & A.R. Sherwood 2004 ¹
61	<i>Amansia rhodantha</i> (Harvey) J. Agardh 1841 ²
62	<i>Amphiroa bowerbankii</i> Harvey 1849 ²
63	<i>Augophyllum marginifractum</i> (R.E. Norris & M.J. Wynne) S.-M. Lin, Fredericq & Hommersand 2004 ²
64	<i>Caloglossa stipitata</i> E. Post 1936 ¹
65	<i>Ceratodictyon scoparium</i> (Montagne & Millardet) R.E. Norris 1987 ²
66	<i>Chrysomenia procumbens</i> Weber-van Bosse 1928 ²
67	<i>Crassiphycus corneus</i> (J. Agardh) Gurgel, J.N. Norris & Fredericq 2018 ²
68	<i>Cryptocallis dixoniorum</i> Huisman & G.W. Saunders 2018 ¹
69	<i>Ethelia suluensis</i> K.R. Dixon 2015 ¹
70	<i>Euthora</i> J. Agardh 1847 ²
71	<i>Galaxaura pacifica</i> Tanaka 1935 ¹
72	<i>Gelidiella fanii</i> S.- M. Lin 2008 ¹
73	<i>Gibsmithia indopacifica</i> D. Gabriel, Draisma & Fredericq 2017 ¹
74	<i>Gibsmithia malayensis</i> D. Gabriel, Draisma & Fredericq 2017 ¹
75	<i>Gracilaria babae</i> (H. Yamamoto) P.-K. Ng, P.-E. Lim & S.-M. Phang 2014 ²

List no.	Taxa
76	<i>Gracilaria flagelliformis</i> (Sonder) Womersley 1996 ²
77	<i>Gracilaria gracilis</i> (Stackhouse) Steentoft, L.M. Irvine & Farnham 1995 ¹
78	<i>Halopithys</i> Kützing 1843 ³
79	<i>Halymenia malaysiana</i> P.-L. Tan, P.-E. Lim, S.-M. Lin & S.-M. Phang 2018 ¹
80	<i>Halymenia porphyriiformis</i> P.G. Parkinson 1980 ¹
81	<i>Halymenia tondoana</i> O. De Clerck & Hernández-Kantún 2012 ¹
82	<i>Hommersandiophyucus borowitzkae</i> (Huisman) S.-M. Lin & Huisman 2014 ¹
83	<i>Hommersandiophyucus samaensis</i> (C.K. Tseng) S.-M. Lin & Huisman 2014 ¹
84	<i>Hydropuntia millardetii</i> (Montagne) Gurgel, J.N. Norris & Fredericq 2018 ³
85	<i>Hydropuntia rangiferina</i> (Kützing) Gurgel & Fredericq 2004 ¹
86	<i>Laurencia filiformis</i> (C. Agardh) Montagne 1845 ²
87	<i>Lithophyllum kuroshioense</i> A. Kato & M. Baba 2019 ¹
88	<i>Metagoniolithon</i> Weber-van Bosse 1904 ³
89	<i>Neoizziella asiatica</i> S.-M. Lin, S.-Y. Yang & Huisman 2011 ¹
90	<i>Nitophyllum</i> Greville 1830 ²
91	<i>Perronella gracilis</i> G.H. Boo, T.V. Nguyen, J.Y. Kim, & S.M. Boo 2016 ¹
92	<i>Peyssonnelia simulans</i> Weber-van Bosse ²
93	<i>Phycocalidia acanthophora</i> (E.C. Oliveira & Coll) Santiañez 2020 ¹
94	<i>Phycocalidia islae</i> (Dumilag) Santiañez 2020 ¹
95	<i>Phycocalidia lunae</i> (Dumilag) Santiañez 2020 ¹
96	<i>Phycocalidia tanegashimensis</i> (I. Shinmura) Santiañez 2020 ¹
97	<i>Portieria harveyi</i> (J. Agardh) P.C. Silva 1987 ²
98	<i>Pterocliadiella maribagoensis</i> G.H. Boo & P.J.L. Geraldino 2016 ¹
99	<i>Ptilophora subcostata</i> (Okamura) R.E. Norris 1987 ²
100	<i>Rhodogorgon ramosissima</i> J.N. Norris & Bucher 1989 ¹
101	<i>Titanophora calcarea</i> (Okamura) Borgesen 1949 ²
102	<i>Trichogloea lubrica</i> J. Agardh 1876 ²
103	<i>Vanvoorstia coccinea</i> Harvey ex J. Agardh 1863 ¹
104	<i>Zanardinula</i> De Toni 1936 ²

seaweeds, the most biodiverse in the Philippines is *Sargassum*, and we added five new records based on the results of our search in the Macroalgal Herbarium Portal (*i.e.* *S. graminifolium* C. Agardh, *S. plagiophyllum* C. Agardh, *S. steinitzii* Lipkin & P.C. Silva, *S. swartzii* C. Agardh, and *S. thunbergii* (Mertens ex Roth) Kuntze). We also updated the list of Philippine *Sargassum* by including the often-overlooked report of Modelo and Umezaki (1995), who reported six new records of *Sargassum* in the Philippines: *S. acinaciforme* Montagne, *S. angustifolium* C. Agardh, *S. glaucescens* J. Agardh, *S. henslowianum* C. Agardh, *S. herporhizum* Setchell & Gardner, and *S. parvivesiculosum* Tseng & Lu (Santiañez and Trono 2013). Moreover, 14 unique records were gathered from the G.T. Velasquez Phycological Herbarium (MSI) database. Unfortunately, we had difficulty locating most of the herbarium specimens for these records and, therefore,

most of these records were listed under the preliminary sections of Tables 2 and 4.

The other 40 new additions are records returned by a search of AlgaeBase, which were based on recent seaweed biodiversity and systematics studies. Of the 40 new additions, red seaweeds contributed the most with 25 new taxa, six of which have type localities in the country. The new red seaweed species under Halymeniales, *Halymenia tondoana* O. De Clerck & Hernández-Kantún (named after the Kingdom of Tondo) was described from Dancalan, Donsol, Sorsogon (Hernández-Kantún *et al.* 2012). The crustose red seaweed, *Ethelia suluensis* K.R. Dixon, was also discovered in the northern Sulu Sea near the southern tip of Oriental Mindoro (Dixon *et al.* 2015). Collections of Boo and Geraldino (2016) off the coasts of Maribago, Cebu, have yielded a new gelidoid species, *Pterocliadiella*

maribagoensis G.H. Boo & P.J.L. Geraldino, which they named after the type locality. The “hairy” red seaweed *Gibsmithia indopacifica* D. Gabriel, Draisma & Fredericq collected from the depths of Siquijor was recognized as a new species distinct from other taxa within the *Gibsmithia hawaiiensis* Doty species complex (Gabriel *et al.* 2017). More recently, Dumilag and Yap (2018) also described *Phycocalidia islae* (Dumilag) Santiañez (as *Pyropia islae* Dumilag) and *Phycocalidia lunae* (Dumilag) Santiañez (as *Pyropia lunae* Dumilag) from Batanes in northern Philippines (Santiañez and Wynne 2020b). Among the green seaweeds, two out of the nine new additions have type localities in the Philippines – *Pseudorhizoclonium philippinense* Leliaert, Boedeker & A.R. Sherwood was collected in Bais, Negros Oriental (Sherwood *et al.* 2019), while *Codium strangulatum* M.E. Chacana & P.C. Silva was described based on materials from the islands of Sulu (Silva and Chacana 2015). In contrast with the two other groups, no new type species of brown seaweeds have been recently described in the country. Nonetheless, six new brown seaweeds are reported in the country, including the recently described seaweed *Lobopohora boussoleae* C.W. Vieira & Payri from Oriental Mindoro (Vieira *et al.* 2019). Santiañez and West (2019) also reported two *Rosenvingea* Børgesen species. The first was *Rosenvingea nhatrangensis* E.Y. Dawson, which was found in the collections of the G.T. Velasquez Phycological Herbarium (MSI) but remained unidentified since these were collected in 1970 (Santiañez and West 2019). Unreported samples such as these are common in herbaria collections; in fact, only a small number of species are published after field collections, and the majority remain hidden and deposited in herbaria for years (Bebber *et al.* 2010). The other one was the addition of *Rosenvingea australis* Huisman, G.H. Boo & S.M. Boo – a species originally described from Australia – based on live culture collections. This recent work of Santiañez and West (2019) highlights the need to re-evaluate old herbarium collections and conduct an extensive survey of taxa through culture as they may result in uncovering new or unreported taxa.

Aside from these discoveries, recent taxonomic reassessments have resulted in nomenclatural and classification changes of some algal groups. A notable difference between the previous checklist and this current work is the revision of some economically important taxa. In particular, the reassessment of the members of Gracilariales has caused name changes in four species found in the Philippines – specifically, *Agarophyton tenuistipitatum* (C.F. Chang & B.-M. Xia) Gurgel, J.N. Norris & Fredericq (= *Gracilaria tenuistipitata* C.F. Chang & B.-M. Xia), *Crassiphycus changii* (B.-M. Xia & I.A. Abbott) Gurgel, J.N. Norris & Fredericq [= *Gracilaria changii* (B.-M. Xia & I.A. Abbott) I.A. Abbott, J. Zhang & B.-M. Xia], *Crassiphycus firmus* (C.F. Chang & B.-M. Xia) Gurgel,

J.N. Norris & Fredericq (= *Gracilaria firma* C.F. Chang & B.-M. Xia), and *Crassiphycus punctatus* (Okamura) Gurgel, J.N. Norris & Fredericq [= *Gracilaria punctata* (Okamura) Yamada] (Guiry *et al.* 2018; Gurgel *et al.* 2018). Studies on the carrageenan-producing taxa also resulted in the description of the new genus *Mimica* Santiañez & M.J. Wynne, which accommodated anaxiferous species of *Eucheuma* (Santiañez and Wynne 2020a). Within the foliose Bangiales, the most recent taxonomic change was done on *Porphyra marcosii* Cordero, which was relegated to synonymy with *Phycocalidia vietnamensis* (Tak. Tanaka & P.H. Hô) Santiañez & M.J. Wynne (Santiañez 2020). Meanwhile, the green seaweed *Caulerpa* J.V. Lamouroux also received some attention; the most relevant to the Philippines is when *Caulerpa peltata* J.V. Lamouroux was relegated as a synonym of *Caulerpa chemnitzia* (Esper) J.V. Lamouroux (Belton *et al.* 2014) and the new record of *Caulerpa falcifolia* Harvey & Bailey from Tawi-Tawi in Southern Philippines (Tahil and Liao 2019).

Sixteen (16) seaweeds that we deemed misidentified or have incomplete information are still included herein, but these were listed in a separate table (Table 5) and were not included in our summaries. This category was comprised of species names that are considered as *nomina nuda* such as *Sphacelaria mucifera* (Velasquez 1979), *Cladophora filipendula* [von Westernhagen (1973, 1974); in Silva *et al.* (1987)], *Kallymenia delicatula* (Ganzon-Fortes 2012), and *Halymenia japonica* (Domantay 1968). Other taxa that we removed from the Philippine flora included those whose collection locality was not from the Philippines such as *Laminaria philippinensis* J.E. Petrov & M.V. Suchovejeva, which was collected near Ogasawara (Bonin) Islands, south of Tokyo, Japan [*i.e.* 27° 16' N, 145° 15' E; Petrov *et al.* (1973)]. Seaweed taxa that are typical of cold waters are also removed from the Philippine seaweed flora such as *Leathesia marina* (Lyngbye) Decaisne, *Gelidium capense* (S.G. Gmelin) P.C. Silva, and *Palmaria palmata* (Linnaeus) F. Weber & D. Mohr (Silva *et al.* 1987; Oates 1989; John *et al.* 2004).

Records from the Macroalgal Herbarium Consortium Portal and the Smithsonian database that we believe were erroneous have been omitted from this work. An example of this is the unusual record of *Neopolyporolithon arcticum* (Kjellman) P.W. Gabrielson, S.C. Lindstrom & Hughey [= *Clathromorphum loculosum* (Kjellman) Foslie] in Central Visayas. This coralline alga is confined to the Arctic regions of the world (Gabrielson *et al.* 2019). In the same light, other cold-water species records such as *Chondrus elatus* Holmes and *C. pinnulatus* (Harvey) Okamura, as well as several freshwater cladophoracean algae, were also excluded from the list.

Similar to previous reports, we were not able to scrutinize the morphologies, anatomies, and the molecular identities

Table 5. Compilation of all the seaweed taxa removed from the main lists.

Taxon recorded	Remarks
Class Ulvophyceae (4)	
Family Caulerpaceae	
<i>Caulerpa racemosa</i> var. <i>serrulata</i> (Forsskål) J. Agardh	Not listed in AlgaeBase and INA except in Ang <i>et al.</i> (2013).
Family Cladophoraceae	
<i>Cladophora filipendula</i>	No authority of taxon listed in the papers by von Westernhagen (1973, 1974) and the list of Ganzon-Fortes (2012). It is also not indexed in AlgaeBase and INA. And as previously noted by Silva <i>et al.</i> (1987), we are also unable to trace the original publication of this species name.
<i>Cladophora luzoniensis</i> V. Martens	A freshwater species that has been excluded earlier by Silva <i>et al.</i> (1987).
Family Dichotomosiphonaceae	
<i>Avrainvillea longicaulis</i> f. <i>laxa</i> D.S. Littler & Littler 1992	Listed in AlgaeBase and links the catalog of Silva <i>et al.</i> (1987) as the source for the observation. However, there is no record of <i>Avrainvillea longicaulis</i> f. <i>laxa</i> or any of its synonyms in the said publication.
Class Phaeophyceae (6)	
Family Chordariaceae	
<i>Leathesia marina</i> (Lyngbye) Decaisne 1842	A cold-water species.
Family Laminariaceae	
<i>Laminaria philippinensis</i> J.E. Petrov & M.V. Suchovejeva 1973	Collection locality is closer to Ogasawara Islands in Japan than the Philippines.
<i>Saccharina latissima</i> (Linnaeus) C.E. Lane, C. Mayes, Druehl & G.W. Saunders 2006	The identity of the samples collected by Weber-van Bosse is uncertain since according to Silva <i>et al.</i> (1987), <i>Ulva latissima</i> is often misapplied to samples with broad sheet-like fronds. <i>Saccharina</i> species are typically cold-water species and it is very unlikely that it is found near the equator (<i>i.e.</i> Pearl Bank, Tawi-Tawi).
Family Ralfsiaceae	
<i>Ralfsia fungiformis</i> (Gunnerus) Setchell & N.L. Gardner 1924	A cold-water species.
Family Sargassaceae	
<i>Sargassum elongatum</i>	No authority of taxon listed in the catalog of Ganzon-Fortes (2012) and Phillips (1995).
Family Sphacelariaceae	
<i>Sphacelaria mucifera</i>	No authority of taxon was listed in the original paper by Velasquez (1979) and succeeding checklists by Silva <i>et al.</i> (1987) and Ganzon-Fortes (2012).
Class Florideophyceae (6)	
Family Delesseriaceae	
<i>Botryocarpa prolifera</i> Greville 1830	Originally described from South Africa, this species is likely restricted in colder waters. This taxon was reported by Dickie (1876) to have been collected from Zamboanga in the southern Philippines (near the equator).
Family Gelidiaceae	
<i>Gelidium capense</i> (S.G. Gmelin) P.C. Silva 1987	Silva <i>et al.</i> (1987) noted that this species possibly does not occur in the Philippines since it commonly prefers the cold-water shores of South Africa.
Family Halymeniaceae	
<i>Halymenia japonica</i>	No authority of taxon was presented, and it is not listed in AlgaeBase. Except for the original paper by Domantay (1968) and the catalog of Silva <i>et al.</i> (1987), there is no additional Philippine literature citing this species.
Family Kallymeniaceae	
<i>Kallymenia denticulata</i>	No authority of taxon was listed in the catalog of Ganzon-Fortes (2012).

Taxon recorded	Remarks
Family Palmariaceae	
<i>Palmaria palmata</i> (Linnaeus) F. Weber & D. Mohr	Guiry and Guiry (2020), citing John <i>et al.</i> (2004), suggested that this species is most likely confined to the North Atlantic and that records in the Philippines and Indonesia were erroneous. We agree with this suggestion and remove the species from the seaweed flora of the Philippines.
Family Rhodomelaceae	
<i>Osmundea pinnatifida</i> (Hudson) Stackhouse 1809 (= <i>Laurencia pinnatifida</i> (Hudson) J.V. Lamouroux)	A cold-water species and likely misidentified.

of taxa that we newly listed here, especially those from several herbaria and open-access databases. As such, in most cases, we deferred to the identifications made by experts in these herbaria and those who have examined and/or determined these specimens. The data extracted from these open-access databases, and consequently presented in this compilation, must therefore be treated with caution. We, therefore, encourage accessing and studying these old museum specimens to confirm their identities. Understandably, this will require intensive studies that tend to be very time-consuming, but the value of such an endeavor should not be underestimated as it ultimately contributes to our understanding of our natural world. This is particularly important as environmental changes associated with human activities, changes in climate patterns, and other local to global change in oceanographic processes (including intensified and more frequent elevated sea surface temperatures and/or heatwaves and ocean acidification) are rapidly reshaping our marine environment, including biodiversity losses. Hence, it is our hope that this basic biodiversity information that we provide herein will prove useful in conserving and in advancing the development of our seaweed biodiversity resources towards a sustained blue economy (Trono and Largo 2020).

CONCLUSIONS

Our current work emphasizes the important role of herbaria in documenting the marine algal biodiversity of the Philippines and highlights the wealth of biodiversity information that is now accessible in various institutions outside of the Philippines. We reiterate the call made earlier by Santiañez and West (2019) to work on the old herbarium specimens deposited in various local and foreign herbaria to uncover the true extent of the biodiversity of the marine flora of the Philippines and other tropical regions, among others. Moreover, we encourage making the herbarium resources of the Philippines readily accessible through open-access databases like what other herbaria (and consortia thereof) have done. Moving forward, we urge

other local herbaria to start and continue digitizing their herbarium collections (as what MSI is currently doing), including making scans or taking photographs of these digitized collections, to register their herbarium to the Index Herbariorum (sweetgum.nybg.org/science/ih/), and to actively work and publish studies based on their collections to increase their visibility, among others. As interests, students, and experts on algal biodiversity and systematics are currently lacking in the Philippines, we suggest that institutions – especially higher educational institutions with marine sciences programs – continue to raise leaders in the field through various training programs as well as by strengthening and promoting their undergraduate and graduate programs in phycology in particular or marine botany in general. Lastly, we strongly advocate for increased financial, infrastructural, and human resources support for Philippine herbaria (and other natural history museums), considering their invaluable and irreplaceable role in documenting and preserving our natural heritage, as well as in contributing to the understanding of our natural world.

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CONFLICTS OF INTEREST

There are no conflicts of interest.

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