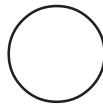
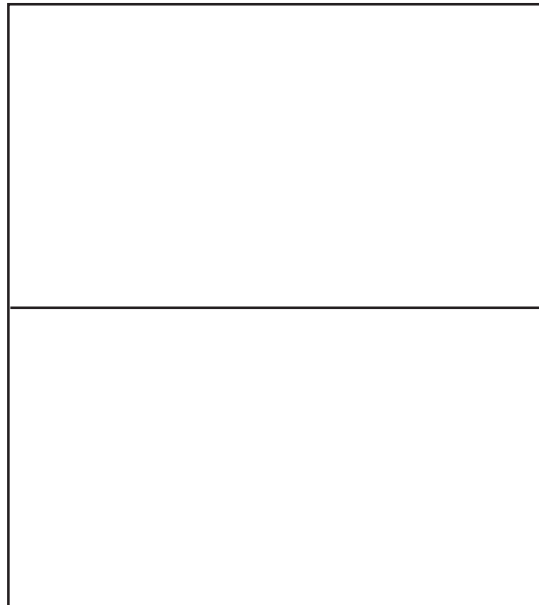


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ALGAE IN THAILAND

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ALGAE IN THAILAND

OEPP BIODIVERSITY SERIES
volume three

Division : Cyanophyta (Myxophyta)
Blue-Green Algae

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
Chroococcales			
Chroococcaceae	<i>Chroococcus</i> Naegeli <i>C. turgidus</i> (Kützing) Naegeli	Khung Krabane, Chanthaburi: among the filaments of <i>Hydrocoleum lyngbyaceum</i> together with other filamentous blue-green algae.	Umezaki and Lewmanomont (1991)
Chamaesiphonaceae	<i>Xenococcus</i> Thuret <i>X. gilkeyae</i> Setchell et Gardner	Ban Phe, Rayong : on <i>Lyngbya semiplena</i> ; Si Racha, Chanthaburi: on <i>Lyngbya semiplena</i> .	Umezaki and Lewmanomont (1991)
	<i>Hyella</i> Bornet et Flahault <i>H. caespitosa</i> Bornet et Flahault	In dead mollusk shells : Khung Krabane, Chanthaburi ; Ban Phe and Prasae, Rayong ; Si Racha ; Chon Buri, Hua Krang, Phangnga.	Umezaki and Lewmanomont (1991)
	<i>Pleurocapsa</i> <i>P. crepidinum</i> Collins	Si Racha, Chanthaburi : on rocks or on <i>Kyrtuthrix maculans</i> near high tide level, on the bottom of a concrete tank in which <i>Gracilaria</i> spp. are cultivated.	Umezaki and Lewmanomont (1991)

Order / Family	Genus / Species	Site found	Reported by / Year
Nostocales			
Oscillatoriaceae	<i>Oscillatoria</i> Vaucher		
	<i>O. brevis</i> (Kützting) Gomont	Khung Krabane, Chanthaburi : among muddy grains in the intertidal zone; Si Racha, Chanthaburi : on muddy bottom in concrete tank in which <i>Gracilaria</i> spp. are cultivated.	Umezaki and Lewmanomont (1991)
	<i>O. chalybea</i> Mertens ex Gomont	Si Racha, Chanthaburi : on muddy bottom in a concrete tank in which <i>Gracilaria</i> spp. are cultivated.	Umezaki and Lewmanomont (1991)
	<i>O. corallinae</i> (Kützting) Gomont	Prasae, Rayong : among the filaments of <i>Dichotomosiphon</i> sp. ; Ban Phe, Rayong : among the filaments of <i>Cladophoropsis</i> sp.	Umezaki and Lewmanomont (1991)
	<i>O. margaritifera</i> (Kützting) Gomont	Thailand. Khung Krabane, Chanthaburi : among the filamentous blue-green algae in a brackish water shrimp pond; Sri Racha, Chonburi : on muddy bottom in a concrete tank in which <i>Gracilaria</i> spp. are cultivated.	Nateewathana <i>et al.</i> (1981) Umezaki and Lewmanomont (1991)

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	<i>O. nigro-viridis</i> Thwaites ex Gomont	Si Racha, Chon Buri : among the filaments of <i>Ulothrix</i> sp. in a rock depression in the intertidal zone.	Umezaki and Lewmanomont (1991)
	<i>O. tenuis</i> Agardh var. <i>natans</i> Gomont	Waterhole near Lem Ngob.	Schmidt (1900-1916)
	Trichodesmium Ehrenberg <i>T. hildebrandtii</i> Gomont	Koh Chang, Golfe de Siam. Koh Chang; abundant in maritime plankton throughout the area explored.	Weber-van Bosse (1913) Schmidt (1900-1916)
	Phormidium Kützing <i>P. ambiguum</i> Gomont	Khung Krabane, Chanthaburi : among the filaments of <i>Hydrocoleum lyngbyaceum</i> and other filamentous blue-green algae.	Umezaki and Lewmanomont (1991)
	<i>P. endolithicum</i> Ercegovic	Ban Phe, Rayong : in dead coral blocks, together with Gomontia stage of <i>Monostroma</i> sp.	Umezaki and Lewmanomont (1991)
	<i>P. inundatum</i> Kützing	Waterhole near Lem Ngob.	Schmidt (1900-1916)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>Lyngbya</i> Agardh		
	<i>L. confervoides</i> Agardh ex Gomont	Mae Yai Bay, Kao Surin, Phangnga.	Umezaki and Lewmanomont (1991)
	<i>L. lutea</i> (Agardh) Gomont	Si Racha, Chanthaburi : on rocks near high tide level, together with <i>Lyngbya semiplena</i> .	Umezaki and Lewmanomont (1991)
	<i>L. semiplena</i> (C.Agardh) J. Agardh ex Gomont	Prasae, Rayong : on rocks along high tide level ; Khung Krabane, Chanthaburi : on aerial roots of mangrove; Si Racha, Chanthaburi : on rocks along high tide level, together with <i>Lyngbya lutea</i> and <i>Calothrix scopulorum</i> .	Umezaki and Lewmanomont (1991)
	<i>L. majuscula</i> (Dillw.) Harvey ex Gomont	Mangrove swamp near Lem Dan on aerial roots of <i>Rhizophora conjugatae</i> between tide-marks. Thailand. Nai Yang Beach, and Rawai Beach, Phuket; Hua Krang, and Kao Lak, Phangnga; Sai En Bay, Ko Pipidon, Krabi and Ko Surin, Phangnga. Coral reefs. Coral reefs, tide pools, on other seaweeds or seagrasses.	Schmidt (1900-1916) Nateewathana <i>et al.</i> (1981) Umezaki and Lewmanomont (1991) Lewmanomont (1988) Lewmanomont and Ogawa (1995)

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Order / Family	Genus / Species	Site found	Reported by / Year
	<i>L. epiphytica</i> Engler et Prantl	Thailand.	Nateewathana et al. (1981)
	Hydrocoleum Kützing		
	<i>H. cantharidosmum</i> (Mont.) Gomont	Hua Krang, Phangnga : on rocks in the intertidal zone.; Nai Yang, Phuket.	Umezaki and Lewmanomont (1991)
	<i>H. lymbbyaceum</i> Kützing ex Gomont	Mangrove swamp near Lem Ngob, forming black, shining patches on the muddy ground and on aerial roots of <i>Avicennia officinalis</i> . Khung Krabane, Chanthaburi: Floating forming large masses in brackish water shrimp ponds, together with other filamentous blue-green algae; Hua Krang, Phangnga.	Schmidt (1900-1916) Umezaki and Lewmanomont (1991)
	Schizothrix Kützing		
	<i>S. lamyi</i> Gomont	With <i>S. theleporoides</i> on wet rocks in the jungle near Klong Munse.	Schmidt (1900-1916)
	<i>S. theleporoides</i> Gomont	Abundant on rocks in the jungle near Klong Munse.	Schmidt (1900-1916)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>Heteroleibleinia</i>		
	<i>H. kuetzingii</i> (Schmidt) Compere	Khung Krabane, Chanthaburi: on <i>Chaetomorpha</i> sp., together with <i>Lyngbya sordida</i> .	Umezaki and Lewmanomont (1991)
	<i>Leibleinia</i> Endl.		
	<i>L. epiphytica</i> (Hieron.) Anagnostidis et Kaomarek	Ban Phe, Rayong: on <i>Lyngbya semiplena</i> .	Umezaki and Lewmanomont (1991)
	<i>L. holdenii</i> (Forti) Umezaki et Lewmanomont, comb. nov.	Si Racha, Chanthaburi: on <i>Lyngbya semiplena</i> , together with <i>Xenococcus gilkeyae</i> .	Umezaki and Lewmanomont (1991)
	<i>L. nordgaardii</i> (Wille) Anagnostidis et Kaomarek	Prasae, Rayong: on <i>Kyrtuthrix maculans</i> ; Khung Krabane, Chanthaburi: on <i>Chaetomorpha</i> sp.	Umezaki and Lewmanomont (1991)
	<i>L. sordida</i> (Zanard. ex Gomont) Umezaki et Lewmanomont, comb. nov.	Khung Krabane, Chanthaburi: on <i>Chaetomorpha</i> sp. in the intertidal zone, on aerial roots of mangrove, together with <i>Calothrix pilosa</i> .	Umezaki and Lewmanomont (1991)
	<i>Microcoleus</i> Desmaz.		
	<i>M. chthonoplastes</i> Thuret ex Gomont	Khung Krabane, Chanthaburi: forming a large mass in a brackish water shrimp pond, together with other filamentous blue-green algae.	Umezaki and Lewmanomont (1991)

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	<i>M. tenerrimus</i> Gomont	Ban Phe, Rayong: on dead mollusk shells, together with <i>M. chthonoplastes</i> ; Prasae, Rayong : in the mud covering the rock surface along high tide level, together with <i>Lyngbya semiplena</i> .	Umezaki and Lewmanomont (1991)
	<i>Spirulina</i> Turp. <i>S. major</i> Kützing ex Gomont	Khung Krabane, Chanthaburi: among the filaments of <i>Hydrocoleum lyngbyaceum</i> and other filamentous blue-green algae.	Umezaki and Lewmanomont (1991)
	<i>Symploca</i> Kütz. <i>S. hydroides</i> Kützing ex Gomont	Thailand. Hua Krang, Phangnga; Ko He, and Nai Yang Beach, Phuket. Coral reefs. On gravel or bottom surface of shallow water.	Nateewathana <i>et al.</i> (1981) Umezaki and Lewmanomont (1991) Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>S. laete-virens</i> Gomont	Nai Yang Beach, Phuket.	Umezaki and Lewmanomont (1991)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>Phormidium</i> Kützing		
	<i>P. inundatum</i> Kützing	Waterhole near Lem Ngob. Mangrove areas.	Schmidt (1900-1916) Lewmanomont (1976)
	<i>P. ambiguum</i> Gomont	Khung Krabane, Chanthaburi: among the filaments of <i>Hydrocoleum lyngbyaceum</i> and other filamentous blue-green algae.	Umezaki and Lewmanomont (1991)
	<i>P. endolithicum</i> Ercegovic	Ban Phe, Rayong: in dead coral blocks, together with <i>Gomontia</i> stage of <i>Monostroma</i> sp.	Umezaki and Lewmanomont (1991)
Nostocales Nostocaceae	<i>Nodularia</i> Agardh		
	<i>N. spumigena</i> Martens var. β . <i>litorea</i> Bornet et Flahault	Koh Kong, on the sandy seashore between tide- marks.	Schmidt (1911-1916)
	<i>Hormothamnium</i> Grun.		
	<i>H. enteromorphoides</i> Grunow ex Bornet et Flahault	Nai Yang Beach, Phuket.	Umezaki and Lewmanomont (1991)
	<i>H. solutum</i> Bornet et Grunow ex Bornet et Flahault	Thailand. Hua Krang, Phangnga; Rawai Beach, Phuket. Shallow water or tidepools.	Nateewathana <i>et al.</i> (1981) Umezaki and Lewmanomont (1991) Lewmanomont and Ogawa (1995)

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Order / Family	Genus / Species	Site found	Reported by / Year
Nostocales			
Scytonemataceae	<i>Desmonema</i> Berkeley et Thwaites		
	<i>D. wrangellii</i> Bornet et Flahault	Jungle near Klong Sarlakpet (alt. 700 ft.) on rocks in a waterfall.	Schmidt (1900-1916)
	<i>Scytonema</i> Agardh		
	<i>S. mirabile</i> Bornet	On dry rocks in the jungle near Klong Munse.	Schmidt (1900-1916)
	<i>S. hofmanni</i> Agardh	Common in the jungle all over Koh Chang, epiphytic on ferns and other low plants and also on rocks.	Schmidt (1900-1916)
	<i>S. ocellatum</i> Lyngbye	Lem Dan, on the stem of Cocoa palms; jungle near Klong Munse, on rocks.	Schmidt (1900-1916)
	<i>S. schmidtii</i> Gomont n.sp.	Open ground near Lem Dan, on limestones.	Schmidt (1900-1916)
	<i>S. javanicum</i> Bornet	Lem Dan, on trees and rocks near the sea; Klong Son, on trees in the jungle.	Schmidt (1900-1916)
	<i>S. guyanense</i> Bornet et Flahault	Lem Dan on trees near the sea ; jungle near Klong Munse, on rocks.	Schmidt (1900-1916)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>S. crispum</i> Bornet	With <i>Stigonema minutum</i> on rocks in the jungle near Klong Munse.	Schmidt (1900-1916)
	Microchaete Thuret		
	<i>M. vitiensis</i> Askenasy ex Bornet et Flahault	Ban Phe, Rayong: on <i>Cladophoropsis</i> sp. in a rock depression along high tide level.	Umezaki and Lewmanomont (1991)
Stigonematales Stigonemataceae	Stigonema Agardh		
	<i>S. mamillosum</i> Agardh	Lem Dan, on stones in a stream.	Schmidt (1900-1916)
	<i>S. informe</i> Kützing	Jungle near Klong Munse, on wet rocks with <i>Stigonema ocellatum</i> and <i>Schizothrix theleporoides</i> , etc.	Schmidt (1900-1916)
	<i>S. turfaceum</i> Cooke	Jungle near Klong Munse, on humid rocks in company with <i>S. minutum</i> .	Schmidt (1900-1916)
	<i>S. minutum</i> Hassall	Klong Munse, on rocks in the jungle; Lem Dan, on stones in a stream.	Schmidt (1900-1916)
	<i>S. ocellatum</i> Thuret	Klong Son and Klong Munse, on wet rocks in the jungle	Schmidt (1900-1916)

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	<i>S. hormoides</i> Bornet et Flahault	Jungle near Klong Son, epiphytic on the leaves of small herbs.	Schmidt (1900-1916)
	<i>Hapalosiphon</i> Nägeli		
	<i>H. fontinalis</i> Bornet	Muddy rice-field near Lem Dan epiphytic on <i>Monochoria vaginata</i> , and in a waterhole among other algae.	Schmidt (1900-1916)
Stigonematales Mastigocladaceae	<i>Brachytrichia</i> Zanard.		
	<i>B. quoyi</i> (Agardh) Bornet et Flahault	Lem Dan, on stones in the sea shore between tide-marks; Koh Kahdat, coral-reef in shallow water. Koh Chang, Golfe de Siam. Samae San, Chanthaburi.	Schmidt (1900-1916) Weber-van Bosse (1913) Umezaki and Lewmanomont (1991)
		Coral reefs. Floating or cast ashore.	Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>B. maculans</i> Gomont n. sp.	Lem Dan, on maritime rocks between tide-marks. Coral reefs.	Schmidt (1900-1916) Lewmanomont (1988)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>Mastigocoleus</i> Lagerh. <i>M. testarum</i> Lagerheim ex Bornet et Flahault	Khung Krabane, Chanthaburi : in dead mollusk shells, in living oyster shells ; Prasae, Rayong : in dead oyster shells; Ban Phe, Rayong : in dead mollusk shells; Tha Nun, Kao Lak, and Hua Krang, Phangnga; Si Racha, Chon Buri : in dead mollusk shells (<i>Tapes</i> sp.) Rawai Beach, Phuket : in dead mollusk shells and in dead coral blocks.	Umezaki and Lewmanomont (1991)
Stigonematales Rivulariaceae	<i>Calothrix</i> Agardh <i>C. crustaceae</i> Thuret	Lem Ngob, mangrove-swamp, on aerial roots of <i>Avicennia officinalis</i> between tide-marks. Koh Chang, Golfe de Siam.	Schmidt (1900-1916) Weber-van Bosse (1913)
	<i>C. scopulorum</i> (W. et M.) Agardh ex Bornet et Flahault	Lem Dan, on stones in the sea shore between tide-marks. Sri Racha, Chanthaburi : on rocks near high tide level, in company with <i>Lyngbya semiplena</i> and <i>L. lutea</i> ; Ban Phe, Rayong : on rocks or on concrete wall near high tide level.	Schmidt (1900-1916) Umezaki and Lewmanomont (1991)

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Order / Family	Genus / Species	Site found	Reported by / Year
	<i>C. pilosa</i> Harvey ex Bornet et Flahault	Hua Krang, Phangnga : on rocks in the intertidal zone ; Khung Kraben, Chanthaburi : on aerial roots of mangrove.	Umezaki and Lewmanomont (1991)
	<i>Dichothrix</i> Zanard.		
	<i>D. penicillata</i> (Zanard.) ex Bornet et Flahault	Prasae, Rayong : on living oyster shells in the intertidal zone.	Umezaki and Lewmanomont (1991)
	<i>Kyrtuthrix</i> Erceg.		
	<i>K. maculans</i> (Gomont) Umezaki	Prasae, Rayong : on rocks along high tide level. Sri Racha, Chanthaburi : on rocks along high tide level; Kao Lak, Phangnga; Rawai Beach, Phuket. On rocks.	Umezaki and Lewmanomont (1991) Lewmanomont and Ogawa (1995)

**Division : Chlorophyta
Green Algae**

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
Chaetophorales			
Chaetophoraceae	<i>Protoderma</i> Kützing <i>Protoderma</i> sp.	Lem Ngob, on dead shells in the mangrove.	Schmidt (1900-1916)
Cladophorales			
Cladophoraceae	<i>Chaetomorpha</i> Kützing <i>C. antennina</i> (Bory) Kützing	LE 4038, on sloping rock exposed to strong surf, Koh Ra. On rocks in upper tidal zone exposed to strong waves.	Egerod (1971, 1974) Lewmanomont and Ogawa (1995)
	<i>C. capillaris</i> (Kützing) Børgesen	EYD 11471, Saen Soek, northernmost part of the Gulf of Thailand.	Dawson (1954)
	<i>C. linum</i> (Müller) Kützing	LE 3955, mixed with <i>Caulerpa</i> in the Phuket-Market, Koh Phuket. EYD 11465, Saen Soek, northernmost part of the Gulf of Thailand.	Egerod (1971, 1974) Dawson (1954)
	<i>C. crassa</i> (C. Ag.) Kützing	Free floating or growing entangled on other seaweeds or seagrasses in intertidal areas.	Lewmanomont and Ogawa (1995)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>Rhizoclonium</i> Kützing		
	<i>R. africanum</i> Kützing	LE 4050, in shade on underside of a fallen tree trunk at upper tide level, Koh Pa Yam. On roots of mangrove trees.	Egerod (1971, 1974) Lewmanomont (1976)
	<i>R. grande</i> Børgesen	Thailand. South of Takuapa, mainland, upper littoral on sand covered rock in conglomerate mat of <i>Valoniopsis pachynema</i> and <i>Cladophoropsis sundanensis</i> .	Nateewathana <i>et al.</i> (1981) Egerod (1975)
	<i>Cladophora</i> Kützing		
	<i>C. fascicularis</i> (Mert.) Kützing	LE 4124, from Samira Beach, Songkhla, Gulf of Thailand. South of Takuapa, mainland, on <i>Cladophora regulosa</i> growing in the upper littoral on rocky outcroppings, Koh Phuket, Nai Yang, on <i>Cladophora regulosa</i> growing on sandstone / limestone slabs in the littoral zone. Thailand. Mangrove areas.	Egerod (1971, 1974) Egerod (1975) Nateewathana <i>et al.</i> (1981) Lewmanomont (1976)

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	<i>C. sibogae</i> Reinbold	LE 3964, a lax green fleece on stones at river mouth about middle level in sandy estuary, Terutao; 3061-3, epiphytic on <i>Padina tenuis</i> (3961) growing in mid-upper littoral rock pool of sandy beach, Western Bay, Terutao; 4062, forming soft felted pads common at Koh Pa Yam near Ranong.	Egerod (1971, 1974)
	<i>C. regulosa</i> Martens	South of Takuapa, mainland, on rocky outcropping, upper littoral. Thailand. On rocks in intertidal areas.	Egerod (1975) Nateewathana <i>et al.</i> (1981) Lewmanomont and Ogawa (1995)
	<i>C. socialis</i> Kützing	LE 4112, dredged at 10 meters, Stat, 1177. Mangrove areas.	Egerod (1971, 1974) Lewmanomont (1976)
Cladophorales Anadyomenaceae	<i>Anadyomene</i> Lamouroux <i>A. wrightii</i> Harvey ex J.E. Gray	Thailand. Coral reefs.	Nateewathana <i>et al.</i> (1981) Lewmanomont (1988)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>Microdictyon</i> Decaisne		
	<i>M. japonicum</i> Setchell	On rocks or coral fragments in intertidal areas and tide pools, sometimes exposed during low tide.	Lewmanomont and Ogawa (1995)
Ulvales Ulvaaceae	<i>Enteromorpha</i> Link.		
	<i>E. clathrata</i> (Roth) Greville	LE 3956, attached to floating <i>Sargassum</i> in Phuket Bay. EYD 11455; Saen Soek, northernmost part of the Gulf of Thailand. Coral reefs. On pebbles or rocks at high tide levels.	Egerod (1971, 1974) Dawson (1954) Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>E. compressa</i> L. ζ <i>trichodes</i> Kützing	Simaharadscha in Siam.	Martens (1866)
	<i>E. flexuosa</i> (Wulfen et Roth) J. Ag.	LE 3987, growing on wood, Teluk Udang, Terutao. Mangrove areas and coral reefs.	Egerod (1971, 1974) Lewmanomont(1976,1988)

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Order / Family	Genus / Species	Site found	Reported by / Year
	<i>E. intestinalis</i> (Linn.) Link	LE 4012, attached to pebbles entwined with <i>Sargassum</i> (4010) in muddy ground with stones near low water, Laem Phya Pa. Mangrove areas. On rocks or shells in upper intertidal areas, exposed during low tide.	Egerod (1971, 1974) Lewmanomont (1976) Lewmanomont and Ogawa (1995)
	<i>E. plumosa</i> Kützing	Koh Chang-Strait, shallow water in some places between tide-marks.	Schmidt (1900-1916)
	<i>Ulva</i> Linnaeus		
	<i>U. reticulata</i> Forsskål	Mangrove areas. Floating near shore, often cast ashore or entangled with other seaweeds.	Lewmanomont (1976) Lewmanomont and Ogawa (1995)
Ulvales			
Monostromataceae	<i>Monostroma</i>		
	<i>M. nitidum</i> Wittrock	On mangrove roots in upper intertidal habitats, usually exposed during low tide.	Lewmanomont and Ogawa (1995)

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Siphonocladales			
Valoniaceae	Valonia Ginnani		
	<i>V. Forbesii</i> Harv.	Koh Kahdat, in 1-2 fathoms water (coral sand).	Schmidt (1900-1916)
	<i>V. utricularis</i> (Roth) C. Ag.	Koh Kahdat, on coral-reefs, in shallow water. LE 4087, at Koh Similan.	Schmidt (1900-1916) Egerod (1975)
		Laem Phan Wa, Phuket and Koh Lon Thailand. Coral reefs.	Nateewathana <i>et al.</i> (1981) Lewmanomont (1988)
	<i>V. aegagrophila</i> C. Agardh	Coral reefs. On rocks or coral fragments of sandy bottoms in shallow water.	Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>V. macrophysa</i> Kützing	Growing on rocks at the depth of about 3 meters during low tide.	Lewmanomont and Ogawa (1995)
	<i>V. ventricosa</i> J. Agardh	Koh Bon, Koh Kaeo Yai, growing on submerged coral at a depth of 2 to 3 m Thailand. Coral reefs. Growing singly or clusters attached to corals at the depth of 3-4 meters.	Egerod (1975) Nateewathana <i>et al.</i> (1981) Lewmanomont (1988) Lewmanomont and Ogawa (1995)

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	Valoniopsis Børgeesen		
	<i>V. pachynema</i> (Martens)	LE 4046, at Koh Ra.	Egerod (1971, 1974)
	Børgeesen	South of Takuapa, mainland, on rocky outcropping along sandy beach at upper tide level.	Egerod (1975)
		Thailand.	Nateewathana <i>et al.</i> (1981)
		Coral reefs.	Lewmanomont (1988)
	Boergesenia Feldmann		
	<i>B. forbesii</i> (Harvey) Feldmann	On rocks or coral fragments in tide pools or reef flats.	Lewmanomont and Ogawa (1995)
	Dictyosphaeria Decne.		
	<i>D. cavernosa</i> (Forsskål)	LE 3958-2, mixed with <i>D. versluysii</i> (3958), Tarutao; 493, Koh Similan, a single specimen.	Egerod (1971,1974)
	Børgeesen	Phuket, Rawai beach, on silted, dead coral at mid-tide level.	Egerod (1975)
		Thailand.	Nateewathana <i>et al.</i> (1981)
		Coral reefs.	Lewmanomont (1988)
		On rocks or coral fragments of upper or middle intertidal habitats.	Lewmanomont and Ogawa (1995)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>D. favulosa</i> (Mert.) Decne.	Koh Kahdat, in 1-2 fathoms water (coral-sand).	Schmidt (1900-1916)
	<i>D. versluysii</i> Weber van Bosse	LE 3958, mixed with <i>D. cavernosa</i> (3958-2), Tarutao. Thailand.	Egerod (1971, 1974) Nateewathana <i>et al.</i> (1981)
	<i>Pseudostruvea</i> Egerod gen.nov.		
	<i>P. siamensis</i> Egerod sp.nov.	South of Takuapa, in mat of <i>Cladophoropsis sudanensis</i> , Nai Yang Beach, Phuket, epiphytic on <i>Cladophora regulosa</i> . Thailand.	Egerod (1975) Nateewathana <i>et al.</i> (1981)
Siphonocladales	<i>Struvea</i> Sonder		
Siphonocladaceae	<i>S. anastomosans</i> (Harv.) Picc. et Grun. ex Piccone	LE 1041 (Thailand) confirms the report of Reinbold(1901) under the synonym, <i>S.delicatula</i> . Laem Phap Pha, Phuket . Thailand. On rocks or coral fragments or other seaweeds of intertidal habitats and tide pools.	Egerod (1971, 1974) Egerod (1975) Nateewathana <i>et al.</i> (1981) Lewmanomont and Ogawa (1995)
	<i>S. delicatula</i> Kützing	Koh Lom, on coral-reefs in shallow water.	Schmidt (1900-1916)
	<i>Siphonocladus</i> Schmitz		
	<i>S. zollingeri</i> (Kützing) Born.	Koh Kahdat, in 5 fathoms water (coral-sand).	Schmidt (1900-1916)

MARINE ALGAE IN THAILAND

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
	Boodlea Murr. et De Toni.		
	<i>B. (coacta var.) Siamensis</i> Reinb. n. sp.	Off Koh Kahdat, in 1-2 fathoms water (coral-sand).	Schmidt (1900-1916)
	<i>B. composita</i> (Harvey) Brand	Phuket, Nai Yang and Rawai Beach, mid littoral, on heavily silted coral reef. Thailand. On bottom of coarse sand in subtidal habitat.	Egerod (1975) Nateewathana <i>et al.</i> (1981) Lewmanomont and Ogawa (1995)
	<i>B. vanbosseae</i> Reinbold	Laem Phan Wa ,Phuket and Koh Lon.	Egerod (1975)
	Cladophoropsis Børgesen		
	<i>C. herpestica</i> (Mont.) Howe	LE 1060, at Koh Charn 18 km offshore Khlong Wan Village, Gulf of Thailand.	Egerod (1971, 1974)
	<i>C. sundanensis</i> Reinbold	LE 4053, growing on rocky headland exposed to heavy surf in mid-lower littoral, Koh Ra. South of Takuapa, Laem Phan Wa and Laem Phap Pha, Phuket. Thailand.	Egerod (1971, 1974) Egerod (1975) Nateewathana <i>et al.</i> (1981)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>C. vaucheriaeformis</i> (Areschoug) Papenfuss	Growing at the base of the stem of the seagrass <i>Enhalus acoroides</i> completely surrounding it.	Lewmanomont and Ogawa (1995)
Caulerpales Codiaceae	<i>Codium</i> Stackhouse		
	<i>C. arabicum</i> Kützing	LE 3969, from rock beach, adherent on sloping upper surface of rocks at mid-lower tide level, Western Bay, Terutao. Phuket, Rawai beach, on sand and silt covered coral, mid-littoral zone. Thailand. Coral reefs. On rocks or sandy bottom in shallow water, often found cast ashore.	Egerod (1971, 1974) Egerod (1975) Nateewathana <i>et al.</i> (1981) Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>C. cicatrix</i> Silva	LE 4017, attached to shells and bottom grit, abundant, dredged with grab dredge from 12 meters, Stat. 1153, 4-024, attached to shells and pebbles, abundant, dredged with triangular dredge from 18 meters, Stat. 1154.	Egerod (1974)

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>C. geppii</i> O.C. Schmidt	EYD 11486, Saen Soek, northernmost part of the Gulf of Thailand. Koh Lon, attached to submerged coral. Thailand. On rocks and coarse sandy bottom of intertidal habitats.	Egerod (1971, 1974) Egerod (1975) Nateewathana <i>et al.</i> (1981) Lewmanomont and Ogawa (1995)
	<i>C. taylori</i> Silva	LE 4023, dredged from 18 meters, attached to coarse amphioxus sand, infrequent, Sta. 1154; 4116, dredged from 15 meters, attached to stones in muddy amphioxus sand, infrequent, Stat. 1177.	Egerod (1971, 1974)
Caulerpales Udoteacea	<i>Udotea</i> Lamx. <i>U. flabellata</i> Lamx.6 <i>U. glaucescens</i> Harv.	Off Koh Kam, in 10 fathoms water. Koh Kahdat, in 1-2 fathoms water (coral-sand). Fragment only.	Schmidt (1900-1916) Schmidt (1900-1916)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>U. javensis</i> (Montagne) A. et E.S. Gepp	LE 1044, Koh Charn 8 km offshore from Khlong Wan Village near the Prachuap Fisheries Station. Phuket and Koh Pipidon. Thailand. Coral reefs. On rocks in intertidal areas to 3-4 meters deep.	Egerod (1971, 1974) Egerod (1975) Nateewathana <i>et al.</i> (1981) Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>U. flabellum</i> (Ellis et Solander) Howe	Coral reefs. On muddy sandy bottom in subtidal area beyond coral flats.	Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>U. papillosa</i> A. Gepp et E.S. Gepp	Coral reefs.	Lewmanomont (1988)

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>Chlorodesmis</i> Harvey et Bailey		
	<i>C. hildebrandtii</i> A. et E.S.Gepp	LE 4091, abundant, forming lush patches on coral dispersed in sandy bay facing east, at low littoral, Koh Similan.	Egerod (1971, 1974)
		Phuket, Nai Yang, Laem Phan Wa, Rawai Beach, Koh Lon, Koh Bon, Koh Taphau Yai and Laem Phap Pha.	Egerod (1975)
		Thailand.	Nateewathana <i>et al.</i> (1981)
		Coral reefs.	Lewmanomont (1988)
		Coral reefs.	Lewmanomont and Ogawa (1995)
	<i>Avrainvillea</i> Decne.		
	<i>A. comosa</i> (Bail. et Harv.) Murr. et Bood	Off Koh Kam in 10 fathoms of water. Undeveloped fragment only, therefore doubtful as to species.	Schmidt (1900-1916)
	<i>A. papuana</i> (Zan.) Murr. et Bood	Koh Kahdat, in 1-2 fathoms water (coral-sand).	Schmidt (1900-1916)

Order / Family	Genus / Species	Site found	Reported by / Year
Caulerpales Bryopsidaceae	<i>A. erecta</i> (Berkeley) A. et E.S. Gepp	Phuket, Rawai Beach, upper littoral in silty mud and coral sand. Thailand. Thailand. Coral reefs and mangrove areas. Growing in muddy sandy substrates in shallow waters, always exposed during low tide.	Egerod (1975) Nateewathana <i>et al.</i> (1981) Olsen-Stojkovich (1985) Lewmanomont(1976,1988) Lewmanomont and Ogawa (1995)
	<i>A. lacerata</i> J. Ag.	On rocks or dead corals of sandy bottom of intertidal habitats.	Lewmanomont and Ogawa (1995)
	<i>A. obscura</i> (G. Agardh) J. Ag	Growing in shallow water in seagrass communities.	Lewmanomont and Ogawa (1995)
	<i>A. amadelpha</i> (Montagne) Gepp.	Thailand.	Nateewathana <i>et al.</i> (1981)
	<i>Bryopsis</i> Lamouroux		
	<i>B. pennata</i> Lamouroux	Thailand. Coral reefs. On rocks or dead corals of intertidal habitats.	Nateewathana <i>et al.</i> (1981) Lewmanomont (1988) Lewmanomont and Ogawa (1995)

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
Caulerpales Halimedaceae	<i>Pseudobryopsis</i> Berthold <i>P. solomonensis</i> Womersley & Baily	Phuket, Nai Yang , Laem Phan Wa and Koh	Egerod (1975)
	<i>Halimeda</i> Lamx. <i>H. discoidea</i> Decne.	LE 4086, growing abundantly in sandy bay facing east, mid- littoral; with coral in dispersed clumps at lower littoral, Koh Similan.	Egerod (1971, 1974)
	<i>H. incrassata</i> (Ellis) Lamx.	LE 4076, abundant in sheltered coral-sand bay facing east, mid- littoral; fibrous root system in fine muddy silt, Koh Similan. Phuket, Laem Phan Wa and Rawai Beach. Mangrove areas. Thailand.	Egerod (1971, 1974) Egerod(1975) Lewmanomont (1976) Nateewathana <i>et al.</i> (1981)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>H. macroloba</i> Decne.	Koh Kahdat, in 1-2 fathoms water (coral-sand) ; LE 4082, growing in sandy bay with coral at lower littoral , common at Koh Similan ; south end of Koh Yao Yai, Phuket Bay. Koh Taphau Noi, Koh Lon and Koh Pipidon. Thailand. Coral reefs. Growing in sandy bottom in shallow water.	Schmidt (1900-1916) Egerod(1975) Nateewathana <i>et al.</i> (1981) Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>H. opuntia</i> (Linn.) Lamx.	LE 4067, represents a poor bleached fragment cast ashore in jetsam, Koh Pa Yam near Ranong; 4075, growing abundantly, attached to coral in a sheltered coral sand bay facing east at low tide level and below, Koh Sindarar; 4083 cast ashore, in great abundance in jetsam from lower littoral and sublittoral zone of a sandy bay, Koh Similan ; 4119, a poor specimen attached to pebble, dredged between 10 and 15 meters, Stat. 1177, south end of Koh Yao Yai in Phuket Bay.	Egerod (1971, 1974)

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
Caulerpales Caulerpaceae	<i>H. velasquezii</i> Taylor	Phuket, Koh Taphau Noi and Koh Lon. Thailand. Coral reefs.	Egerod(1975) Nateewathana <i>et al.</i> (1981) Lewmanomont (1988)
		On dead corals in tide pools or shallow water and very common in coral reefs.	Lewmanomont and Ogawa (1995)
	Penicillus Lamarck <i>P. sibogae</i> A. et E.S. Gepp.	On sandy substrate, rocks and coral fragments.	Lewmanomont and Ogawa (1995)
		Nai Yang Beach ,Phuket. Thailand.	Egerod(1975) Nateewathana <i>et al.</i> (1981)
	Caulerpa Lamx. <i>C. ambigua</i> Okamura	LE 1061, Koh Charn 8 km offshore from Khlong Wan village near Prachuap Fisheries Station. Koh Hi and Koh Taphau Yai. Thailand. Coral reefs.	Egerod (1971, 1974) Egerod(1975) Nateewathana <i>et al.</i> (1981) Lewmanomont (1988)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>C. fastigiata</i> Mont. f. <i>minor</i> Weber van Bosse	Koh Kahdat, in 1-2 fathoms water (coral-sand) only little plants. Takuapa. Thailand. On rocks and sandy bottoms in shallow water.	Schmidt (1900-1916) Egerod(1975) Nateewathana <i>et al.</i> (1981) Lewmanomont and Ogawa (1995)
	<i>C. filiformis</i> (Harv.) J. Ag.	Koh Kahdat, in 1-2 fathoms water. Fragments only.	Schmidt (1900-1916)
	<i>C. freycineti</i> Ag. var. <i>typica</i> Web. van Bosse	Koh Kahdat, in 1-2 fathoms water.	Schmidt (1900-1916)
	var. <i>pectinata</i> Web. van Bosse	Koh Kahdat, in 1-2 fathoms water (coral-sand). Afragments only.	Schmidt (1900-1916)
	<i>C. lentillifera</i> J. Ag. var. <i>longistipitata</i> Weber van Bosse	Koh Chick, on rocks in shallow water EYD 11457, Saen Soek, northernmost part of the gulf of Thailand.	Dawson (1954)

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>C. mexicana</i> Sonder ex Kützing	LE 4025, frequent on shell and grit bottom, dredged from 18 meters, Stat. 1154; 4018, dredged from 12 meters, Stat. 1153. Nai Yang Beach, Phuket. Thailand. Coral reefs. On rocks in subtidal zone.	Egerod (1971,1974) Egerod(1975) Nateewathana <i>et al.</i> (1981) Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>C. microphysa</i> (Weber van Bosse) Feldmann	LE 3053, freshly harvested, on sale in the Phuket market, admixed with <i>C. racemosa</i> var. <i>macrophysa</i> (3052), Koh Kahdat. Thailand. Coral reefs. On rocks and coral fragments or bottoms of coarse sand of intertidal habitats.	Egerod (1971, 1974) Nateewathana <i>et al.</i> (1981) Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>C. peltata</i> Lamx.	Koh Chick, on rocks in shallow water. Mangrove areas.	Schmidt (1900-1916) Lewmanomont (1976)
	<i>C. plumaris</i> (Forsk.) C. Ag. f. <i>longipes</i> Weber van Bosse	Koh Kahdat, in 1-2 fathoms water (coral-sand)	Schmidt (1900-1916)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>C. racemosa</i> (Forsk.) J. Ag. ver. <i>uvifera</i> Weber van Bosse	Koh Kahdat, in 1-2 fathoms water (coral-sand). LE 4090, Koh Similan. Mangrove areas and corals reefs.	Schmidt (1900-1916) Egerod (1971, 1974), Lewmanomont (1976, 1988)
	<i>C. racemosa</i> (Forsk.) J. Ag. var. <i>corynephora</i> (Montagne) Weber van Bosse	Koh Samui, Surat Thani. Growing in an open stream of brackish water with muddy sandy gravelly bottom in mangrove areas.	Lewmanomont (1978) Lewmanomont and Ogawa (1995)
	var. <i>macrophysa</i> (Sonder ex Kützing) Taylor	Nai Yang Beach, Phuket. Chanthaburi, Rayong, Chon Buri, Prachuap Khiri Khan and Phuket. Thailand. On rocks and dead corals in intertidal zone.	Egerod (1975) Lewmanomont (1978) Nateewathana <i>et al.</i> (1981) Lewmanomont and Ogawa (1995)
	var. <i>peltata</i> (Lamouroux) Eubank	Phuket, Koh Hi, Koh Bon, Koh Taphau Yai and Koh Pipidon. Thailand. On rocks or pebbles or sandy bottoms in clear water and on muddy bottom of turbid water.	Egerod(1975) Nateewathana <i>et al.</i> (1981) Lewmanomont and Ogawa (1995)

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>C. serrulata</i> (Forsskål) J. Ag.	Thailand. Coral reefs. On sandy bottom or dead coral.	Nateewathana <i>et al.</i> (1981) Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>C. sertularioides</i> (S.G. Gmelin) Howe	Nai Yang Beach, Phuket. Thailand. Coral reefs. On sandy bottom mixed with coral fragments.	Egerod (1975) Nateewathana <i>et al.</i> (1981) Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>C. crassifolia</i> (C. Ag.) J. Ag.	On sandy bottom of clear water at depths of 8-10 meters.	Lewmanomont and Ogawa (1995)
	<i>C. cupressoides</i> (Vahl) C. Ag.	On broken dead corals of muddy sandy bottom, exposed at low tide.	Lewmanomont and Ogawa (1995)
	<i>C. taxifolia</i> (Vahl) C. Ag.	On rocks in subtidal zone.	Lewmanomont and Ogawa (1995)
	<i>C. scalpelliformis</i> (R. Br.) Ag.	Between Mesan and Cape Liant, in 9 fathoms water. Fragment only.	Schmidt (1900-1916)
	<i>C. sedoides</i> (R. Br.) Ag.	Koh Kahdat, in 1-2 fathoms water (coral-sand).	Schmidt (1900-1916)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>C. urvilliana</i> Mont. var. <i>typica</i> f. <i>tristica</i> Weber van Bosse	Koh Kahdat, in 1-2 fathoms water (coral-sand).	Schmidt (1900-1916)
	<i>C. verticillata</i> J. Ag.	Koh Kahdat, on coral-reefs in shallow water. Thailand. Mangrove areas and coral reefs. On rocks of sandy muddy bottoms in upper littoral zone or tide pools.	Schmidt (1900-1916), Nateewathana <i>et al.</i> (1981) Lewmanomont (1976, 1988) Lewmanomont and Ogawa (1995)
Dasycladales Dasycladaceae	<i>Acetabularia</i> Lamx. <i>A. major</i> Martens	Simaharadscha, Golfe de Siam. EYD 11456, Saen Soek, northernmost part of the Gulf of Thailand; abundant in Koh Chang-Strait on rocks, stone, piles, etc., between tidemarks. Mangrove areas. On rocks or pebbles in shallow calm water.	Martens (1866) Dawson (1954) Lewmanomont (1976) Lewmanomont and Ogawa (1995)
	<i>A. parvula</i> Solms-Laubach	Phuket, Koh Taphau Noi and Koh Pipidon. Thailand. Coral reefs.	Egerod(1975) Nateewathana <i>et al.</i> (1981) Lewmanomont (1988)

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Order / Family	Genus / Species	Site found	Reported by / Year
	<i>A. clavata</i> Yamada	Phuket, Koh Hi and Koh Lon. Thailand.	Egerod(1975) Nateewathana <i>et al.</i> (1981)
	<i>A. exigua</i> Solms-Laubach	Phuket, Koh Pipidon and Koh Lon. Thailand.	Egerod(1975) Nateewathana <i>et al.</i> (1981)
	<i>Neomeris</i> Lamouroux		
	<i>N. vanbosseae</i> Howe	Growing in clusters on shells, gravel, rocks in tide pools in intertidal zone exposed during low tide. This species is common in Ban Phe, Rayong.	Lewmanomont and Ogawa (1995)

**Division : Phaeophyta
Brown Algae**

CLASS : ISOGENERATAE

Order / Family	Genus / Species	Site found	Reported by / Year
Ectocarpales			
Ectocarpaceae	<i>Ectocarpus</i> Lyngbye		
	<i>E. indicus</i> Sond.	Off Koh Mesan, attached to a floating coconut, plurilocular sporangia.	Schmidt (1900-1916)
	<i>E. simpliciusculus</i> Ag.	Koh Chang Noi, on coral-reef in shallow water, too fragmentary, therefore doubtful as to species.	Schmidt (1900-1916)
	<i>Hincksia</i> Gray		
	<i>H. mitchellae</i> (Harvey) Silva	Coral reefs.	Lewmanomont (1988)
Sphacelariales			
Sphacelariaceae	<i>Sphacelaria</i> Lyngbye		
	<i>S. furcigera</i> Kützing	Koh Kahdat, in 1-2 fathoms water on <i>Turbinaria</i> . LE 3961-2 growing among basal filaments of <i>Padina tenuis</i> in mid-upper littoral rock pool at Western Bay, Terutao.	Schmidt (1900-1916) Egerod (1971, 1974)
	<i>S. rigidata</i> Kützing	Coral reefs.	Lewmanomont (1988)
	<i>S. novae-hollandiae</i> Sonder	Coral reefs.	Lewmanomont (1988)
	<i>S. tribuloides</i> Meneghini	Coral reefs.	Lewmanomont (1988)

Order / Family	Genus / Species	Site found	Reported by / Year
Dictyotales			
Dictyotaceae	<i>Dictyota</i> Lamx.		
	<i>D. bartayresiana</i> Lamx.	Koh Kahdat, in 1-2 fathoms water. LE 4058, attached to sand and shells, Koh Pa Yam, Ranong. Coral reefs.	Schmidt (1900-1916) Egerod (1971, 1974) Lewmanomont (1988)
	<i>D. dichotoma</i> (Huds.) Lamx.	Koh Chang-Strait at Lem Ngob, cast ashore. EYD 11478, Saen Soek, northernmost part of the Gulf of Thailand. LE 4032, fragmented specimens undergoing regeneration, dredged at 18 meters, Sta. 1154, ect. Thailand. Trat, Chanthaburi, Rayong, Chon Buri, Prachuap Khiri Khan, Surat Thani and Phuket. Mangrove areas and coral reefs. On rocks, shells or pebbles in shallow water, easily detached and floating in the water or cast ashore.	Schmidt (1900-1916) Dawson (1954) Egerod (1971, 1974) Nateewathana <i>et al.</i> (1981) Lewmanomont (1978) Lewmanomont (1976, 1988) Lewmanomont and Ogawa (1995)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>D. divaricata</i> J. Ag.	Koh Chang-Strait at Lem Ngob, east ashore. Specimen sterile.	Schmidt (1900-1916)
	<i>D. bartayresii</i> Lamouroux	On rocks and dead corals in clear water of intertidal areas.	Lewmanomont and Ogawa (1995)
	<i>D. cervicornis</i> Kützing	Mangrove areas. On pebbles and rock fragments of intertidal habitats.	Lewmanomont (1976) Lewmanomont and Ogawa(1995)
	<i>D. friabilis</i> Setchell	Coral reefs.	Lewmanomont (1988)
	Dictyopteris Lamx.		
	<i>D. delicatula</i> Lamx.	LE 3957, epiphytic on <i>Sargassum</i> drifting in Phuket Bay.	Egerod (1971, 1974)
	<i>D. polypodioides</i> (De Candolle) Lamouroux	Coral reefs. On coral fragments of sandy bottom about 5 meters deep.	Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	Haliseris Targ-Tozz.		
	<i>H. polypodioides</i> (Desf.)Ag.	Between Ko Mesan and Cape Liant in 9 fathoms water.	Schmidt (1900-1916)

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Order / Family	Genus / Species	Site found	Reported by / Year
	<i>Padina</i> Adans.		
	<i>P. australis</i> Hauck	LE 4071, attached to broken coral found in jetsam ashore, Koh Pa Yam near Ranong. Sri Racha, Chon Buri; Ban Phe Rayong. Gulf of Thailand. On rocks or shells in intertidal areas.	Egerod (1971, 1974) Maneerat (1974) Lewmanomont (1978) Lewmanomont and Ogawa (1995)
	<i>P. boryana</i> Thivy	Koh Chang, Trat; Laem Panwa, Phuket; Koh Yaw, Songkhla. Mangrove areas.	Maneerat (1974) Lewmanomont (1976)
	<i>P. commersonii</i> Bory.	Koh Kahdat, in 1-2 fathoms water (coral-sand).	Schmidt (1900-1916)
	<i>P. distromatica</i> Hauck	Ban Phe, Rayong; Ao Makham, Phuket. On rocks or shells in intertidal habitats.	Maneerat (1974) Lewmanomont and Ogawa (1995)
	<i>P. gymnospora</i> Kützing	Sri Racha, Chon Buri; Ban Phe, Rayong; Koh Samui, Surat Thani. Mangrove areas and coral reefs.	Maneerat (1974) Lewmanomont (1976, 1988)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>P. tenuis</i> Bory	LE 3960. Western Bay, Terutao; 3891, from sand beach in mid-upper littoral rock pool, Terutao; 3988, forming a thick carpet in slitted rock pool of mid-upper littoral, Teluk Udang, Terutao; 4009, Koh Yao Yai, Phuket Bay. Thailand.	Egerod (1971, 1974) Nateewathana <i>et al.</i> (1981)
	<i>P. japonica</i> Yamada	Sattahip, Chon Buri. On rocks and coral fragments in tide pools or reef flats.	Maneerat (1974) Lewmanomont and Ogawa (1995)
	<i>P. tetrastromatica</i> Hauck	LYD, 11480, Saen Soek, northermost part of the Gulf of Thailand. Ban Phe, Rayong; Leam Ngob, Trat. Mangrove areas. On rocks, shells and pebbles in intertidal zone of muddy sandy bottoms.	Dawson (1954) Maneerat (1974) Lewmanomont (1976) Lewmanomont and Ogawa (1995)
	<i>P. minor</i> Yamada	Ao Makham, Phuket; Kho Yam, Songkhla. Coral reefs. On rock fragments or pebbles in intertidal areas.	Maneerat (1974) Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>P. pavonica</i> (Linn.) Thivy	Ban Phe, Rayong.	Maneerat (1974)

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
	Zonaria C. Ag.		
	<i>Z. gymnospora</i> Kützing	Simaharadscha (Siam).	Martens (1866)
	Lobophora J. Ag.		
	<i>L. variegata</i> (Lamouroux)	Coral reefs.	Lewmanomont (1988)
	Womersley	On rocks or coral fragments in subtidal zone.	Lewmanomont and Ogawa (1995)
	Hormoceras Kützing		
	<i>H. nodosum</i> Zan.	Simaharadscha (Siam).	Martens (1866)
	Pocockiella Papenfuss		
	<i>P. variegata</i> (Lamouroux)	Thailand.	Nateewathana <i>et al.</i> (1981)
	Papenfuss		

Class : Heterogeneratae

Order / Family	Genus / Species	Site found	Reported by / Year
Dictyosiphonales			
Encoeliaceae	<i>Encoelium</i> C. Ag. (<i>Asperococcus</i> Lamx.)		
	<i>E. clathratum</i> Bory	Koh Sichan and Simaharadscha in Siam.	Martens (1866)
	<i>E. sinuosum</i> Roth	Simaharadscha (Siam).	Martens (1866)
Punctariaceae	<i>Colpomenia</i> Derb. et Sol.		
	<i>C. sinuosa</i> (Roth) Derb. et Sol.	Koh Chang-Strait at Lem Ngob, Koh Kahdat. Thailand. Coral reefs. On rocks or bottom surface in shallow water or tide pools, easily detached and cast ashore.	Schmidt (1900-1916) Nateewathana <i>et al.</i> (1981) Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>Hydroclathrus</i> Bory		
	<i>H. cancellatus</i> Bory	Koh Chang-Strait; Koh Kahdat, abundant on rocks and stones between tide-marks.	Schmidt (1900-1916)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>H. clathratus</i> (C. Ag.) Howe	Trat, Rayong, Chon Buri and Surat Thani. Thailand. Coral reefs. On rocks or bottom surface in shallow water, easily detached and cast ashore.	Lewmanomont (1978) Nateewathana <i>et al.</i> (1981) Lewmanomont(1988)) Lewmanomont and Ogawa (1995)
	<i>Rosenvingea</i> Børgesen		
	<i>R. fastigiata</i> (Zanard.) Børgesen	LE 4106, small fragment dredged from 10-15 meters, Stat.117.	Egerod (1971, 1974)
	<i>R. intricata</i> (J. Ag.) Børgesen	Specimens collected detached and floating in the water.	Lewmanomont and Ogawa (1995)
	<i>R. nhatrangensis</i> Dawson	On bottom surface of rough sand and gravel in muddy sandy areas of turbid water.	Lewmanomont and Ogawa (1995)
	<i>R. orientalis</i> (J. Ag.) Børgesen	On gravel, shells in shallow turbid water of muddy sandy bottoms.	Lewmanomont and Ogawa (1995)
	<i>Asperococcus</i> Lamx.		
	<i>A. fastigiatus</i> Zanard. <i>f. major</i> Reinb. n. f.	Koh Chang - Strait near Lem Ngob, in shallow water.	Schmidt (1900-1916)

Class : Cyclosporeae

Order / Family	Genus / Species	Site found	Reported by / Year
Fucales			
Fucaceae	<i>Sargassum</i> C. Agardh		
	<i>S. polycystum</i> C. Agardh	Koh Kahdat, in 1-2 fathoms water, attached to stones. Coral reefs. On rocks in intertidal to subtidal areas, may be found floating in the water or cast ashore.	Schmidt (1900-1916) Lewmanomont(1988) Lewmanomont and Ogawa (1995)
	<i>S. grevillei</i> J. Agardh	LE 4040, growing on vertical rock faces of rocky headland not exposed to direct wave action, mid-lower tide level, Koh Ra.	Egerod (1971, 1974)
	<i>S. crassifolium</i> J. Agardh	Thailand. Coral reefs. On rocks and coral fragments in intertidal areas of the Andaman Sea.	Nateewathana et al. (1981) Lewmanomont(1988) Lewmanomont and Ogawa (1995)
	<i>Cystoseira</i> C. Ag.		
	<i>C. latifrons</i> Kützing	Koh Kahdat, in 1-2 fathoms water, attached to stones.	Schmidt (1900-1916)

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>Hormophysa</i> Kützing	On rocks in intertidal areas exposed to strong currents.	Lewmanomont and Ogawa (1995)
	<i>H. triquetra</i> (C. Ag.) Kützing		
	<i>Turbinaria</i> Lamx.		
	<i>T. conoides</i> Kützing	Koh Kahdat, in 1-2 fathoms water attached to stones; Koh Chang-Strait at Lem Ngob, east ashore.	Schmidt (1900-1916)
		Mangrove areas.	Lewmanomont(1976)
		Rayong, Chon Buri, Surat Thani, Phangnga and Phuket.	Lewmanomont(1978)
		On rocks or dead corals in subtidal areas of clear water.	Lewmanomont and Ogawa (1995)
	<i>T. ornata</i> (Turner) J. Ag.	LE 3965, frequent on mid-lower littoral rock in sandy bay, Western bay, Tarutao; 4013, at a depth of 1.5 meters, Koh Libong, Stat, 1051.	Egerod (1971, 1974)
		Mangrove areas and coral reefs.	Lewmanomont (1976, 1988)
		On rocks or dead corals in coral reef areas.	Lewmanomont and Ogawa (1995)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>T. decurrens</i> Bory	Thailand. Mangrove areas. On rocks and dead corals in reef flats of subtidal areas.	Nateewathana <i>et al.</i> (1981) Lewmanomont(1976) Lewmanomont and Ogawa (1995)

Division : Rhodophyta
Red Algae

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
Bangiales			
Erythropeltidaceae	<i>Erythrocladia</i> Aresch.		
	<i>E. subintegra</i> Rosenvinge	Pattani and Songkhla.	Ogawa and Lewmanomont (1984)
	<i>Erythrotrichia</i> Aresch.		
	<i>E. carnea</i> (Dillwyn) J. Agardh	Chon Buri and Prachuap Khiri Khan.	Ogawa and Lewmanomont (1984)
	<i>E. parietalis</i> Tanaka	Thailand. Chon Buri and Prachuap Khiri Khan.	Nateewathana <i>et al.</i> (1981) Ogawa and Lewmanomont (1984)
.	<i>E. ceramicola</i> (Lgby.) Aresch.	Koh Chang-Strait at Lem Ngob, on rocks between tide-marks on <i>Padina</i> and <i>Laurencia</i> .	Schmidt (1900-1916)
Bangiaceae	<i>Bangia</i> Lyngbye		
	<i>B. fuscopurpurea</i> (Dillwyn) Lyngbye	Songkhla. On rocky shore washed by strong waves, sometimes growing mixed with <i>Porphyra</i> <i>vietnamensis</i>	Ogawa and Lewmanomont (1984) Lewmanomont and Ogawa (1995)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>Porphyra</i> C. Agardh		
	<i>P. crispata</i> Kjellmann	Phuket and Prachuap Khiri Khan. Prachuap Khiri Khan. Growing in upper tidal zone in protected rock crevices dampened only by spray, never submerged.	Lewmanomont (1978) Ogawa and Lewmanomont (1984) Lewmanomont and Ogawa (1995)
	<i>P. vietnamensis</i> Tanaka et Pham-Hoang Ho	Songkhla and Narathiwat. Songkhla and Prachuap Khiri Khan. On rocks in upper tidal zone exposed to strong wave action.	Lewmanomont (1978) Ogawa and Lewmanomont (1984) Lewmanomont and Ogawa (1995)
Goniotrichales Goniotrichaceae	<i>Goniotrichum</i> Kützing		
	<i>G. alsidii</i> (Zanardini) Howe	Chon Buri, Prachuap Khiri Khan and Phuket. Coral reefs.	Ogawa and Lewmanomont (1984) Lewmanomont (1988)
Compsopogonales Compsopogonaceae	<i>Compsopogon</i> Montagne		
	<i>C. aeruginosus</i> (J. Agardh) Kützing	Prachuap Khiri Khan.	Ogawa and Lewmanomont (1984)

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
Nemalionales			
Acrochaetiaceae	Acrochaetium Nägeli <i>A. sinicolum</i> (Dawson) Papenf.	EYD 1147a, Saen Soek, northernmost part of the Gulf of Thailand, growing on <i>Dictyota</i> .	Dawson (1954)
Nemalionales			
Galaxauraceae	Actinotrichia Decaisne <i>A. fragilis</i> (Forsskål) Børgesen	Coral reefs. On corals in sandy bottom of subtidal zone.	Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	Galaxaura Lamouroux <i>G. arborea</i> Kjellmann	Coral reefs. On dead corals in clear water about 20 meters deep.	Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>G. fasciculata</i> Kjellman	Coral reefs.	Lewmanomont (1988)
	<i>G. oblongata</i> (Ellis et Solander) Lamouroux	Coral reefs. On rocks or dead corals in clear water about 10 meters deep.	Lewmanomont (1988) Lewmanomont and Ogawa (1995)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>G. obtusata</i> (Ellis et Solander) Lamouroux	Coral reefs. On rocks in clear water of sandy bottom with corals at the depth of 10 to 70 meters.	Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>G. filamentosa</i> Chou	On dead corals in tide pools of sandy bottom, may be cast ashore.	Lewmanomont and Ogawa (1995)
	<i>G. vietnamensis</i> Dawson	Thailand.	Nateewathana <i>et al.</i> (1981)
	<i>G. fastigiata</i> Decaisne	Thailand.	Nateewathana <i>et al.</i> (1981)
Nemalionales			
Helminthocladiaceae	<i>Liagora</i> Lamouroux		
	<i>L. ceranoides</i> Lamouroux	On dead corals or seagrasses in tide pools exposed during low tide.	Lewmanomont and Ogawa (1995)
	<i>L. divaricata</i> Tseng	On dead corals of subtidal habitat, sometimes cast ashore.	Lewmanomont and Ogawa (1995)
	<i>L. farinosa</i> Lamouroux	On dead corals in tide pools in near vicinity with <i>Liagora ceranoides</i> and <i>Lyngbya majuscula</i> , exposed during lowtide.	Lewmanomont and Ogawa (1995)

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
Nemalionales			
Chaetangiaceae	<i>Scinaia Binova - Bernardi</i> <i>S. furcellata</i> (Turner) Bivonia	Specimens collected floating in the water.	Lewmanomont and Ogawa (1995)
Gelidiales			
Gelidiaceae	<i>Gelidium Lamx.</i> <i>G. amansii</i> Lamx.	Paknam in Siam.	Martens (1866)
	<i>G. crinale</i> (Turn.) Lamx.	Koh Chang Noi and Koh Lom, creeping on coral reefs in shallow water. Thailand. Coral reefs.	Schmidt (1900-1916) Nateewathana <i>et al.</i> (1981) Lewmanomont (1988)
	<i>G. pusillum</i> (Stackh.) Le Jolis	LE 1048 and 1053, Koh Charn 8 km offshore from Khlong Wan village near Prachuap Fisheries Station. Thailand. Coral reefs.	Egerod (1971, 1974) Nateewathana <i>et al.</i> (1981) Lewmanomont (1988)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>Gelidiella</i> Feldmann and Hamel		
	<i>G. acerosa</i> (Forsskål) Feldmann and Hamel	LE 1038, Koh Charn 8 km of Khlong Wan village near Prachuap Fisheries Station. Coral reefs. On rocks in upper to middle intertidal zone, exposed during low tide.	Egerod (1971, 1974) Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>G. pannosa</i> (Feldmann) Feldmann et Hamel	LE 1064, Koh Charn 8 km offshore Khlong Wan village near Prachuap Fisheries Station.	Egerod (1971, 1974)
	<i>Gelidiopsis</i> Schmitz		
	<i>G. intricata</i> (J. Agardh) Vickers	EYD 11482, Saen Soek, northernmost part of the Gulf of Thailand. LE 1052, Koh Charn 8 km offshore Khlong Wan village near Prachuap Fisheries Station.	Dawson (1954) Egerod (1971, 1974)
Cryptonemiales Peyssonneliaceae	<i>Peyssonnelia</i> Decne.		
	<i>P. gunniana</i> J. Ag.	Koh Chang Noi, on coral-reef in shallow water	Schmidt (1900-1916)
	<i>P. rubra</i> f. <i>orientalis</i> Weber van Bosse	Coral reefs.	Lewmanomont (1988)

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>P. rubra</i> (Grev.) J. Ag.	Between Koh Mesan and Koh Chuen in 15 fathoms water (stones). On shells or dead corals in subtidal habitats of clear water.	Schmidt (1900-1916) Lewmanomont and Ogawa (1995)
Cryptonemiales			
Corallinaceae (Melobesieae)	Archaeolithothamnion		
	Rothpletz		
	<i>A. schmidtii</i> Fosl. mscr.	Off shore Koh Kahdat, about 5 fathoms water.	Schmidt (1900-1916)
	Lithothamnion Philippi		
	<i>L. fruticosum</i> (Kütz.) Fosl.	Between Koh Mesan and Cape Liant in 9 fathoms water.	Schmidt (1900-1916)
	<i>L. funafutiense</i> Fosl. mscr. f. <i>purpurascens</i> Fosl. mscr.		Schmidt (1900-1916)
	<i>L. siamense</i> Fosl. mscr. f. <i>minuta</i> Fosl. mscr. f. <i>simulans</i> Fosl. mscr.		Schmidt (1900-1916) Schmidt (1900-1916)
	<i>L. erubescens</i> var. <i>subflabellata</i> Foslie	Thailand.	Nateewathana <i>et al.</i> (1981)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>Lithophyllum</i> Phil. emend.		
	<i>L. racemus</i> (Lamx.) Fosl.		Schmidt (1900-1916)
	f. <i>crassa</i> (Phil.) Fosl.		Schmidt (1900-1916)
	<i>L. yendoi</i> Fosl.		Schmidt (1900-1916)
	<i>Melobesia</i> Lamx. emend.		
	<i>M. farinosa</i> Lamx.	Koh Kahdat, in about 2 fathoms water.	Schmidt (1900-1916)
	<i>Dermatolithon</i> Fosl.		
	<i>D. pustulatum</i> (Lamx.) Fosl.	Koh Kahdat, in 1-2 fathoms water.	Schmidt (1900-1916)
	<i>Amphiroa</i> Lamx.		
	<i>A. fragilissima</i> (L.) Lamx.	Koh Lom and Koh Chick, on coral-reefs in shallow water.	Schmidt (1900-1916)
		EYD 11459, Saen Soek, northernmost part of the Gulf of Thailand, common in all warm seas.	Dawson(1954)
		Coral reefs.	Lewmanomont (1988)
		On muddy sand on top of rocky bottom in subtidal areas.	Lewmanomont and Ogawa (1995)

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>A. foliacea</i> Lamouroux	Thailand. Coral reefs. On rocks or coral fragments in intertidal areas or in tide pools of muddy sand with dead coral fragments.	Nateewathana <i>et al.</i> (1981) Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>Cheilosporum</i> (Decaisne) Zanardini		
	<i>C. jungermannioides</i> Ruprecht ex J.E. Areschoug	Coral reefs. Growing in crevices of rock or intermingled with <i>Sargassum</i> in intertidal zone readily withstands strong currents.	Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>Corallina</i> Linnaeus		
	<i>C. (Jania) tenella</i> Kützing	Koh Lam and Koh Chick, on coral-reefs in shallow water.	Schmidt (1900-1916)
	<i>Jania</i> Lamx.		
	<i>J. capillacea</i> Harvey	EYD 11466, Saen Soek, northermost part of the Gulf of Thailand.	Dawson (1954)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>J. decussato-dichotoma</i> (Yendo) Yendo	Coral reefs.	Lewmanomont (1988)
	<i>J. ungulata</i> f. brevior (Yendo)Yendo	Thailand. Coral reefs.	Nateewathana <i>et al.</i> (1981) Lewmanomont (1988)
Cryptonemiales Cryptonemiaceae	<i>Halymenia</i> C. Agardh		
	<i>H. durvillaei</i> Bory de Saint-Vincent	Coral reefs. On rocks in subtidal zones.	Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>H. maculata</i> J. Ag.	Thailand. Coral reefs. On dead corals in clear water about 2 meters deep.	Nateewathana <i>et al.</i> (1981) Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>H. dilatata</i> Zanardini	On dead corals in subtidal area.	Lewmanomont and Ogawa (1995)
	<i>H. harveyana</i> J. Ag.	On rocks or corals in subtidal habitat at a depth of about 8 meters.	Lewmanomont and Ogawa (1995)
	<i>Cryptonemia</i> J. Agardh <i>Cryptonemia</i> sp.	Between Koh Mesan and Koh Chuen, in 15 fathoms water (stones). Specimen too little and torn, incomplete to be determined to species.	Schmidt (1900-1916)

MARINE ALGAE IN THAILAND

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
Gigartinales			
Gracilariaceae	Gracilaria Greville		
	<i>G. bangmeiana</i> Zhang et Abbott	Growing on rocks in clear water of sublittoral zone and on fish cages together with <i>G. edulis</i> : Ban Phe, Rayong; Palian, Trang.	Lewmanomont (1994), Lewmanomont and Ogawa (1995)
	<i>G. changii</i> (Xia et Abbott) Abbott , Zhang et Xia	Growing on gravel, shells, rock fragments, mangrove roots or fish cages in sandy mud to muddy area of high turbidity : Chanthaburi, Trat, Rayong, Trang, Satun, Krabi, Phangnga.	Lewmanomont (1994), Lewmanomont and Ogawa (1995)
	<i>G. edulis</i> (Gmelin) Silva	Growing in loose clumps on rock or mud surface in muddy area of intertidal zone, in dense tufts when growing on fish cages and in loose fastigiate tufts on rock in clear water : Trat, Trang, Phuket, Satun.	Lewmanomont (1994), Lewmanomont and Ogawa (1995)
	<i>G. eucheumoides</i> Harvey	Growing on dead coral fragments : Rawai Beach, Phuket. On dead coral fragments in tide pools of reef flats.	Lewmanomont (1994) Lewmanomont and Ogawa (1995)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>G. firma</i> Chang et Xia	Growing on shells, gravel and rock fragments, in muddy area of turbid water : In Trat at Laem Tian, Laem Hin, Laem Sok, Ao Cho and Ao Len.	Lewmanomont (1994), Lewmanomont and Ogawa (1995)
	<i>G. fisheri</i> (Xia et Abbott) Abbott, Zhang & Xia	Growing on living and empty shells (<i>Cerithium</i> sp.), on broken rocks, gravel, polyethylene bag and fish cages of sandy mud areas of turbid water : in Ao Pattani, Pattani; Talesap Songkhla, Songkhla; many provinces along the coast of the Gulf of Thailand.	Lewmanomont (1994), Lewmanomont and Ogawa (1995)
	<i>G. irregularis</i> Abbott	Growing on gravel, shells and rock fragments in sandy muddy area together with <i>G. changii</i> and <i>G. firma</i> : Ao Len, Ao Cho; Trat.	Lewmanomont (1994), Lewmanomont and Ogawa (1995)
	<i>G. lemaneiformis</i> (Bory) Weber- van Bosse	Growing on fish cages : Trang.	Lewmanomont (1994), Lewmanomont and Ogawa (1995)
	<i>G. percurrens</i> (Abbott) Abbott, Zhang et Xia	Growing on rock fragments in intertidal zone of turbid water at Laem Sok, Trat and on fish cages at Ko Yo, Songkhla; Ban Phe, Rayong.	Lewmanomont (1994), Lewmanomont and Ogawa (1995)

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>G. salicornia</i> (C. Agardh) Dawson	Trat, Rayong and Chanthaburi. Growing on rocks, gravel, shells, mangrove roots, in clear to turbid water. Every province along the sea coasts.	Lewmanomont (1978) Lewmanomont (1994), Lewmanomont and Ogawa (1995)
	<i>G. tenuistipitata</i> var. <i>tenuistipitata</i> Chang et Xia	Growing on shells and gravel : Ao Pattani, Pattani; Talesap Songkhla, Songkhla. On shells and gravel in lagoon or calm bays.	Lewmanomont (1994) Lewmanomont and Ogawa (1995)
	var. <i>liui</i> Chang et Xia	Ao Pattani, Pattani; Talesap Songkhla, Songkhla. On shells and gravel, often detached forming large masses of contorted thalli.	Lewmanomont (1994) Lewmanomont and Ogawa (1995)
	<i>G. textorii</i> (Suringar) J. Ag.	Growing on rocks and fish cages : Trang.	Lewmanomont (1994), Lewmanomont and Ogawa (1995)
	<i>G. minuta</i> Lewmanomont	Growing on rock fragments, gravel and shells in sandy mud of the upper littoral zone which is exposed during low tide; Ao Yang, Ao Cho ; Trat.	Lewmanomont (1994), Lewmanomont and Ogawa (1995)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>Ceratodictyon Zanardini</i> <i>C. spongiosum</i> Zanardini	Coral reefs. Growing within the sponge tissue except at tips where it grows out as short pinkish branchlets, growing in intertidal and subtidal areas.	Lewmanomont (1988) Lewmanomont and Ogawa (1995)
Gigartinales Hemastomataceae	<i>Titanophora (J.Ag.) Feldmann</i> <i>T. pulchra</i> Dawson	Thailand. Coral reefs. On rocks and dead corals in intertidal or subtidal zones.	Nateewathana <i>et al.</i> (1981) Lewmanomont (1988) Lewmanomont and Ogawa (1995)
Hypneaceae	<i>Hypnea Lamx.</i> <i>H. cervicornis</i> J. Ag.	EYD 11460, Saen Soek, northernmost part of the Gulf of Thailand. Trat, Chanthaburi, Rayong, Chon Buri, Phuket, Pattani and Prachuap Khiri Khan. Si Racha, Chon Buri.	Dawson (1954) Lewmanomont (1978) Ogawa and Lewmanomont (1981)
	<i>H. pannosa</i> J. Ag.	On rocks and dead corals in intertidal areas.	Lewmanomont and Ogawa (1995)
	<i>H. cenomyce</i> J. Agardh	Si Racha, Chon Buri. Coral reefs.	Ogawa and Lewmanomont (1981) Lewmanomont (1988)

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Order / Family	Genus / Species	Site found	Reported by / Year
	<i>H. hamulosa</i> (Turner) Montagne	Si Racha, Chon Buri. Coral reefs.	Ogawa and Lewmanomont (1981) Lewmanomont (1988)
	<i>H. cornuta</i> (Lamouroux) J. Agardh	Si Racha, Chon Buri. Coral reefs.	Ogawa and Lewmanomont (1981) Lewmanomont (1988)
	<i>H. charoides</i> Lamouroux	Si Racha, Chon Buri. Coral reefs.	Ogawa and Lewmanomont (1981) Lewmanomont (1988)
	<i>H. divaricata</i> R. Br.	Simaharadscha in Siam.	Martens (1866)
	<i>H. esperi</i> Bory	LE 1040, Koh Charn 8 km offshore from Khlong Wan Village near Prachuap Fisheries Station. Thailand.	Egerod (1971, 1974)
		Si Racha, Chon Buri.	Nateewathana <i>et al.</i> (1981) Ogawa and Lewmanomont (1981)
	<i>H. musciformis</i> (Wulf.) Lamx.	Koh Chang-Strait at Lem Ngob, in sandy ground between tidemarks. Specimen little but fruiting (tetraspores) in all warm seas.	Schmidt (1900-1916)
	<i>H. valentiae</i> (Turner) Montagne	Coral reefs.	Lewmanomont (1988)

Order / Family	Genus / Species	Site found	Reported by / Year
Gigartinales			
Phylloporaceae	<i>Gymnogongrus</i> Martius <i>G. serenei</i>	Thailand.	Nateewathana <i>et al.</i> (1981)
Rhodymeniales			
Champiaceae	<i>Champia</i> Desvaux <i>C. parvula</i> (Ag.) J. Ag.	4 miles S. of Koh Saket, in 9 fathoms water (shells). Coral reefs.	Schmidt (1900-1916) Lewmanomont (1988)
	<i>C. viellardii</i> Kützing	Thailand.	Nateewathana <i>et al.</i> (1981)
Ceramiales			
Ceramiaceae	<i>Ceramium</i> (Roth) Lgby. <i>C. kutzingianum</i> Grun.	Koh Chang Noi, on coral-reef in shallow water, between Koh Mesan and Cape Liant, in 9 fathoms water.	Schmidt (1900-1916)
	<i>C. serpens</i> Setch. et Gard.	EYD 11461, Saen Soek, northernmost part of the Gulf of Thailand. LE 1042, Koh Charn 8 km offshore from Khlong Wan village near Prachuap Fisheries Station.	Dawson (1954) Egerod (1971, 1974)

MARINE ALGAE IN THAILAND

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>C. fastigiatum</i> (Wulfen ex Roth) Harvey	Off Tung Kaben, in 6 fathoms water (mud). Coral reefs.	Schmidt (1900-1916) Lewmanomont (1988)
	<i>C. fimbriatum</i> Setchell et Gardner	Coral reefs.	Lewmanomont (1988)
	<i>C. mazatlanense</i> Dawson	Coral reefs.	Lewmanomont (1988)
	Griffithsia C.Agardh		
	<i>G. metcalfii</i> Tseng	Coral reefs.	Lewmanomont (1988)
	<i>G. tenuis</i> C. Ag.	Coral reefs.	Lewmanomont (1988)
Ceramiales			
Delesseriaceae	Martensia Hering		
	<i>M. flabelliformis</i> Harvey ex J. Ag.	Coral reefs.	Lewmanomont (1988)
	Myriogramme Kylin		
	<i>M. bombayensis</i> Børgesen	Coral reefs.	Lewmanomont (1988)
	<i>M. carnea</i> (Rodriguez) Kylin	Coral reefs.	Lewmanomont (1988)

Order / Family	Genus / Species	Site found	Reported by / Year
Ceramiales Rhodomelaceae	Taenioma J. Agardh		
	<i>T. perpusillum</i> (J. Ag.) J. Ag.	Coral reefs.	Lewmanomont (1988)
	Vanvoorstia Harvey		
	<i>V. spectabilis</i> Harvey	Coral reefs.	Lewmanomont (1988)
	Bostrychia Montagne		
	<i>B. tenella</i> (Vahl) J. Ag.	Mangrove areas.	Lewmanomont (1976)
	<i>B. binderi</i> Harvey	Mangrove areas. In upper tidal zone never submerged, sometimes dampened only by spray.	Lewmanomont (1976) Lewmanomont and Ogawa (1995)
	<i>B. radicans</i> Montagne	Mangrove areas.	Lewmanomont (1976)
	Murrayella Schmitz		
	<i>M. pericladus</i> (C. Ag.) Schmitz	Mangrove areas.	Lewmanomont (1976)
Polysiphonia Greville			
<i>P. scopulorum</i> Harv.	Koh Chang Noi, on coral reef in shallow water.	Schmidt (1900-1916)	
<i>P. setacea</i> Hollenberg	LE 1059, Koh Charn 8 km offshore from Klong Wan Village near Prachuap Fisheries Station.	Egerod (1971, 1974)	

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Order / Family	Genus / Species	Site found	Reported by / Year
	<i>P. siamensis</i> Martens	Simaharadscha in Siam.	Martens (1866)
	<i>P. subtilissima</i> Mont.	EYD 11484, Saen Soek, northern most part of the Gulf of Thailand.	Dawson (1954)
	<i>Herposiphonia</i> Nägeli		
	<i>H. tenella</i> (Ag.) Ambronn	EYD 11496, Saen Soek, northern most part of the Gulf of Thailand. Thailand.	Dawson (1954) Nateewathana <i>et al.</i> (1981)
	<i>H. secunda</i> f. <i>tenella</i> (C. Ag.) Wynne	Coral reefs.	Lewmanomont (1988)
	<i>Acanthophora</i> Lamx.		
	<i>A. orientalis</i> J. Ag.	Lem Ngob, Koh Kahdat in shallow water	Schmidt (1900-1916)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>A. spicifera</i> (Vahl) Børgesen	EYD 11481, Saen Soek, northern most part of the Gulf of Thailand. Trat, Rayong, Chon Buri, Prachuap Khiri Khan and Surat Thani. Thailand. Mangrove areas and coral reefs. In various situations ranging from muddy to sandy and rocky conditions in intertidal areas.	Dawson (1954) Lewmanomont (1978) Nateewathana <i>et al.</i> (1981) Lewmanomont (1976, 1988) Lewmanomont and Ogawa (1995)
	<i>A. Thierryi</i> Lamx.	Simaharadcha in Siam.	Martens (1866)
	Centroceras Kützing		
	<i>C. apiculatum</i> Yamada	LE 1062, Koh Charn 8 km offshore from Klong Wan Village near Prachuap Fisheries Station.	Egerod (1971, 1974)
	<i>C. clavulatum</i> (Ag.) Mont.	EYD 11474, Saen Soek, northern most part of the Gulf of Thailand. Mangrove areas and coral reefs. On rocks sometimes mixed with other algae, exposed during low tide.	Dawson (1954) Lewmanomont (1976, 1988) Lewmanomont and Ogawa (1995)
	<i>C. oxyacanthum</i> Kützing	Simaharadscha in Siam.	Martens (1866)

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Order / Family	Genus / Species	Site found	Reported by / Year
	Acrocystis Zanardini		
	<i>A. nana</i> Zanardini	Thailand.	Nateewathana <i>et al.</i> (1981)
	Herposiphonia Montagne		
	<i>H. insidiosa</i> (Greville ex J. Ag.) Falkenberg	Thailand.	Nateewathana <i>et al.</i> (1981)
	Lophosiphonia Falkenberg		
	<i>L. villum</i> (J. Agardh) Setchell et Gardner	Thailand.	Nateewathana <i>et al.</i> (1981)
	Tolypocladia Schmitz		
	<i>T. glomerulata</i> (Ag.) Schm.	Koh Kahdat; Koh Chang Noi, on coral-reefs in shallow water. Thailand. Coral reefs.	Schmidt (1900-1916) Nateewathana <i>et al.</i> (1981) Lewmanomont (1988)

Order / Family	Genus / Species	Site found	Reported by / Year
	<i>Spyridia</i> Harvey		
	<i>S. filamentosa</i> (Wulf.) Harvey	Koh Kahdat, in 1-2 fathoms water (coral-sand); off Koh Kam, in 10 fathoms water (gravel). EYD 11472, Saen Soek, northern most part of the Gulf of Thailand. Widely distributed in all warm and temperate seas. Mangrove areas and coral reefs.	Schmidt (1900-1916) Dawson (1954) Lewmanomont (1976, 1988)
	<i>Leveillea</i> Decne.		
	<i>L. jungermannioides</i> (Mont. et Her.) Harvey	Koh Chang Noi, Koh Lom, on coral-reefs in shallow water. Coral reefs. Common epiphyte on the brown seaweed genus <i>Sargassum</i> .	Schmidt (1900-1916) Lewmanomont (1988) Lewmanomont and Ogawa (1995)
	<i>Laurencia</i> Lamx.		
	<i>L. dendroidea</i> J. Ag.	Koh Kahdat, cast ashore.	Schmidt (1900-1916)
	<i>L. divaricata</i> J. Ag.	Koh Kahdat, in 1-2 fathoms water (coral-sand).	Schmidt (1900-1916)
	<i>L. implicata</i> J. Ag.	Simaharadscha in Siam.	Martens (1866)
	<i>L. composita</i> Yamada	On shells, pebbles and rocks in subtidal areas.	Lewmanomont and Ogawa (1995)

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Order / Family	Genus / Species	Site found	Reported by / Year
	<i>L. obtusa</i> (Huds.) Lamx.	Koh Chang-Strait at Lem Ngob, on rocks between tide-marks. EYD 11463, Saen Soek, northern most part of the Gulf of Thailand. Widely distributed in all warm oceans.	Schmidt (1900-1916) Dawson (1954)
		Chon Buri, Rayong, Trat, Chanthaburi and Surat Thani. Mangrove areas and coral reefs. On dead corals or rocks of intertidal habitat.	Lewmanomont (1978) Lewmanomont (1976, 1988) Lewmanomont and Ogawa (1995)
	<i>L. papillosa</i> (Forssk.) Greville	Mangrove areas. On shells or pebbles in tide pools of muddy or muddy sandy areas, sometimes exposed during low tide.	Lewmanomont (1976) Lewmanomont and Ogawa (1995)
	<i>L. corymbosa</i> J. Agardh	Thailand.	Nateewathana <i>et al.</i> (1981)
	<i>L. parvipapillata</i> Tseng	Mangrove areas.	Lewmanomont (1976)
	<i>L. majuscula</i> (Harvey) Lucas	Coral reefs.	Lewmanomont (1988)
	<i>L. cartilaginea</i> Yamada	On rocks of sandy rocky areas in subtidal zone.	Lewmanomont and Ogawa (1995)

Order / Family	Genus / Species	Site found	Reported by / Year
Ceramiales			
Solieriaceae	<i>Solieria</i> Agardh <i>S. robusta</i> (Grev.) Kylin	EYD 11464, Saen Soek, northern most part of the Gulf of Thailand. On shells or gravel in intertidal zone, exposed during low tide.	Dawson (1954) Lewmanmont and Ogawa (1995)
Rhabdoniaceae	<i>Catenella</i> Greville <i>C. nipae</i> Zan.	Koh Chang-Strait, at Lem Ngob creeping on the roots of mangrove trees between tide-marks. Mangrove areas. In upper tidal zone, always exposed at low tide.	Schmidt (1900-1916) Lewmanomont (1976) Lewmanomont and Ogawa (1995)
	<i>C. repens</i> (Lightfoot) Batters	Mangrove areas.	Lewmanomont (1976)
	<i>Rhabdonia</i> Harv. <i>R. Schmidtii</i> Reinb.n.sp.	Koh Chang-Strait, in shallow water near Lem Ngob.	Schmidt (1900-1916)

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Order / Family	Genus / Species	Site found	Reported by / Year
Ceramiales Delesseriaceae	<i>Caloglossa</i> (Harvey) J. Agardh <i>C. mnioides</i> Harvey	15 miles E. of Koh Chuen in 10 fathoms water (shells). Very young specimens only, therefore somewhat doubtful as to species.	Schmidt (1900-1916)

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