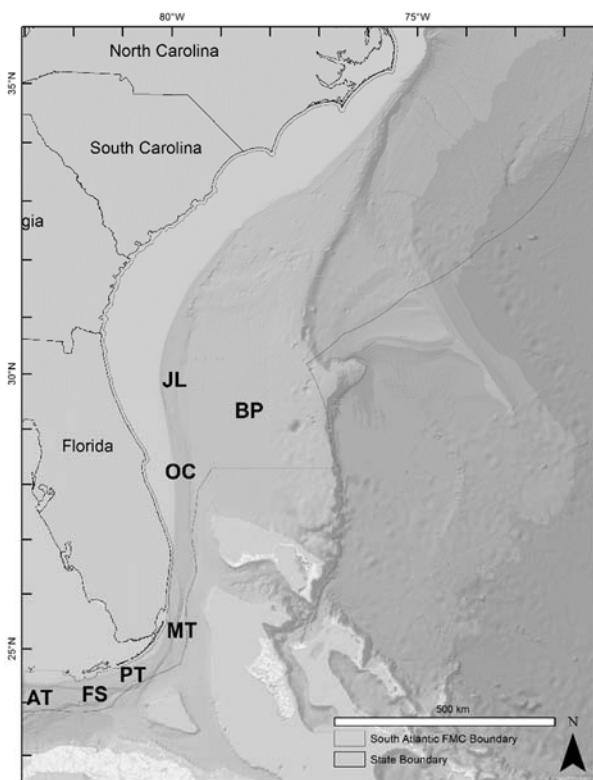


Deep-Sea Coral Taxa in the U.S. Southeast Region: Depth and Geographic Distribution

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This annex to the U.S. Southeast chapter in “The State of Deep-Sea Coral and Sponge Ecosystems in the United States” provides a list of deep-sea coral taxa in the Phylum Cnidaria, Classes Anthozoa and Hydrozoa, known



to occur in U.S. waters from Cape Hatteras to the Florida Keys (Figure 1). Deep-sea corals are defined as azooxanthellate, heterotrophic coral species occurring in waters 50 m deep or more. Details are provided on the vertical and geographic extent of each species (Table 1). This list is adapted from Ross and Nizinski (2007) with the addition of new species and range extensions into Southeast US reported since 2007, along with a number of species previously not included. Taxonomic names are generally those currently accepted in the World Register of Marine Species (WoRMS), and are arranged by order, and alphabetically within order by suborder (if applicable), family, genus, and species. Data sources (references) listed are those principally used to establish geographic and depth distribution. Five species reported by Ross and Nizinski (2007) have been removed from the list, as we have not been able to confirm their presence in U.S. waters^a.

Figure 1. U.S. Southeast region delimiting the geographic boundaries considered in this work. The region extends from Cape Hatteras to the Florida Keys and includes the Jacksonville Lithoherms (JL), Blake Plateau (BP), *Oculina* Mounds (OC), Miami Terrace (MT), Pourtalès Terrace (PT), Florida Straits (FS) and Agassiz/Tortugas Valley (AT). (Note: A number of additional species not included in this list occur in the Florida Straits in the waters of Cuba and the Bahamas, but have not been confirmed from adjacent U.S. waters).

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Table 1. List of known deep-sea coral species in Phylum Cnidaria, Class Anthozoa and Class Hydrozoa, and their reported distributions in the Southeast U.S. region. Blue fields indicate newly described species since 2007. Bold text indicates changes to the list found in Ross and Nizinski (2007), including additions or range extensions, denoted with an asterisk (*), and changes in taxonomy since 2007 denoted with a cross (†) (e.g., species that were listed in 2007, but have since been given a new name or alternative spelling). “NR” indicates a lack of reported distribution or depth information. References are numbered to correspond with citations following the table.

Distribution: NC = off North Carolina; SC = off South Carolina; GA = off Georgia; BP = Blake Plateau; FL = off Florida (NEFL = Northeast Florida, SEFL = Southeast Florida, FS = Florida Straits, JL = Jacksonville Lithoherms, OC = Oculina Mounds, MT = Miami Terrace, PT = Pourtalès Terrace, AT = Agassiz/Tortugas Valleys, DT = Dry Tortugas, and FK = Florida Keys). Note that locations in parentheses indicate specific localities within Florida where the species has been recorded. When a Museum collection record is the only reference for a species, the distribution listed may not be representative of the full distribution of the species.

Higher Taxon	Species	Distribution	Depth Range (m)	References
Class Anthozoa				
Subclass Hexacorallia				
Order Antipatharia				
Family Antipathidae	*<i>Antipathes atlantica</i> Gray, 1857	NC-SC	20-91	1,2,3
	*<i>Antipathes gracilis</i> Gray, 1860	NC-NEFL	31-88	1,2
	*<i>Antipathes lenta</i> Pourtalès, 1871	SC-NEFL	20-100	1,3
	*<i>Stichopathes luetkeni</i> Brook, 1889 (= <i>Stichopathes lutkeni</i> , alternative spelling)	SEFL(OC)	50-90	4,5
	*<i>Stichopathes occidentalis</i> (Gray, 1857)	NC	67	1
	*<i>Stichopathes</i> sp.	NC-FS(PT)	30-314	1,5
Family Aphanipathidae	*cf. <i>Phanopathes rigida</i> (Pourtalès, 1880) (= <i>Antipathes rigida</i> (Pourtalès, 1880))	FS(PT)	250-320	2,6
Family Cladopathidae	<i>Chrysopathes micracantha</i> Opresko & de Laia Loiola, 2008	BP(GA, NEFL)	658-871	1,7
	*<i>Heteropathes americana</i> (Opresko 2003) (= <i>Heliopathes americana</i> Opresko 2003)	GA	1682-1737	8
Family Leiopathidae	<i>Leiopathes glaberrima</i> (Esper, 1788)	GA, FL	37-475	2,9,10
Family Myriopathidae	*<i>Tanacetipathes barbadensis</i> (Brook, 1889)	FL	13-285	1
	*<i>Tanacetipathes hirta</i> (Gray, 1857)	NC-FL	25-400	3,4
Family Schizopathidae	†<i>Bathypathes</i> sp. (= <i>Bathypathes cf. alternata</i> Brook, 1889)	BP, SEFL	364-716	1,6,11
	*<i>Bathypathes patula</i> Brook, 1889	BP	762	1
	*<i>Parantipathes tetrasticha</i> (Pourtalès, 1868)	FS(PT)	176-225	1,6
Family Stylopathidae	*<i>Stylopathes litocrada</i> Opresko, 2006	FL(OC,PT)	91-380	1,12

Higher Taxon	Species	Distribution	Depth Range (m)	References
Order Scleractinia				
Family Anthemiphylliidae	<i>Anthemiphyllia patera patera</i> Pourtalès, 1878	SEFL	500-700	13
Family Caryophylliidae	<i>Anomocora fecunda</i> (Pourtalès, 1871)	FS	37-640	14,15
	† <i>Anomocora marchadi</i> (Chevalier, 1966) (= <i>Asterosmilia marchadi</i> Chevalier, 1966)	SEFL	35-229	16
	† <i>Anomocora prolifera</i> (Pourtalès, 1871) (= <i>Asterosmilia prolifera</i> Pourtalès, 1871)	SEFL,FS	30-329	13,16
	<i>Caryophyllia</i> (<i>Caryophyllia</i>) <i>ambrosia caribbeana</i> Cairns, 1979	FS(PT)	183-2360	1,13,16
	<i>Caryophyllia</i> (<i>Caryophyllia</i>) <i>berteriana</i> Duchassaing, 1850	SEFL	99-1033	1,14
	* <i>Caryophyllia</i> (<i>Caryophyllia</i>) <i>paucipalata</i> Moseley, 1881	SEFL	293-752	1,14
	<i>Caryophyllia</i> (<i>Caryophyllia</i>) <i>polygona</i> Pourtalès, 1878	GA, SEFL	310-1817	14
	<i>Cladocora debilis</i> Milne Edwards & Haime, 1849	FS	11-400	1,15
	* <i>Coenosmilia arbuscula</i> Pourtalès, 1874	FS	74-622	1
	<i>Concentrotheca laevigata</i> (Pourtalès, 1871)	SC-FS(PT)	183-576	1,14
	<i>Crispatotrochus squiresi</i> (Cairns, 1979)	SC-SEFL	46-807	1,14
	<i>Dasmosmilia lymani</i> (Pourtalès, 1871)	NC-FS(PT)	37-366	1,14
	<i>Dasmosmilia variegata</i> (Pourtalès, 1871)	FS	110-421	1,14
	<i>Desmophyllum dianthus</i> (Esper, 1794)	NC-FS	183-2250	1,13
	<i>Labyrinthocyathus facetus</i> Cairns, 1979	SC-SEFL	385-402	14
	<i>Labyrinthocyathus langae</i> Cairns, 1979	GA-FS	506-810	1,14
	<i>Lophelia pertusa</i> (Linnaeus, 1758)	NC-FS(PT)	146-895	4,6,13,14,16
	<i>Oxysmilia rotundifolia</i> (Milne Edwards & Haime, 1849)	SC-FS	46-640	1,14
	<i>Paracyathus pulchellus</i> (Philippi, 1842)	NC-FS(PT)	17-250	1,14
	* <i>Phacelocyathus flos</i> (Pourtalès, 1878)	FS	20-560	1
	* <i>Phyllangia americana americana</i> Milne Edwards & Haime, 1849	NC-FL	0-183	4,5,16
	* <i>Phyllangia pequegnatae</i> Cairns, 2000	GA	48-112	1,16
	* <i>Polycyathus senegalensis</i> Chevalier, 1966	NC-SEFL	12-143	1,16
	* <i>Pourtalosmilia conferta</i> Cairns, 1978	NC,SEFL	55-191	1,16
	<i>Premocyathus cornuformis</i> (Pourtalès, 1868)	GA-FS	137-931	1
	* <i>Rhizosmilia maculata</i> (Pourtalès, 1874) (= <i>Coenocyathus bartschi</i> Wells, 1947)	SEFL-DT	68-1317	1
	<i>Solenosmilia variabilis</i> Duncan, 1873	GA-FS	220-1383	11,13,14,16,17
	<i>Stephanocyathus</i> (<i>Odontocyathus</i>) <i>coronatus</i> (Pourtalès, 1867)	BP,FS	543-1250	1
	<i>Stephanocyathus</i> (<i>Stephanocyathus</i>) <i>diadema</i> (Moseley, 1876)	BP,FS	700-2683	1,14
	<i>Stephanocyathus</i> (<i>Stephanocyathus</i>) <i>laevifundus</i> Cairns, 1977	SEFL	300-1158	1,14
	<i>Stephanocyathus</i> (<i>Stephanocyathus</i>) <i>paliferus</i> Cairns, 1977	FL-FS	220-715	14

Higher Taxon	Species	Distribution	Depth Range (m)	References
Family Caryophylliidae, cont.	<i>Tethocyathus cylindraceus</i> (Pourtalès, 1868)	FS(PT)	183-649	1
	<i>Tethocyathus recurvatus</i> (Pourtalès, 1878)	FS(PT)	320-488	14,15
	<i>Tethocyathus variabilis</i> Cairns, 1979	SEFL	250-576	14,15
	<i>Thalamophyllia gombergi</i> Cairns, 1979	FS(PT)	155-220	1
	<i>Thalamophyllia riisei</i> (Duchassaing & Michelotti, 1860)	FS	4-914	1
	<i>Trochocyathus (Trochocyathus) rawsonii</i> Pournalès, 1874	SC-FS(PT)	55-700	1,14
Family Deltocyathidae	<i>Deltocyathus calcar</i> Pournalès, 1874	NC-FS(PT)	81-675	14
	<i>Deltocyathus eccentricus</i> Cairns, 1979	SC-FS(PT,AT)	183-910	14
	<i>Deltocyathus italicus</i> (Michelotti, 1838)	NEFL-FS	403-2634	13,15
	<i>Deltocyathus moseleyi</i> Cairns, 1979	SEFL	201-777	1,14
	<i>Deltocyathus pourtalesi</i> Cairns, 1979	SC-FS(PT)	311-567	1,14
Family Dendrophylliidae	<i>Balanophyllia (Balanophyllia) floridana</i> Pournalès, 1868	NC-FS	13-220	1,16
	<i>Bathypsammia fallosocialis</i> Squires, 1959	SC-SEFL	213-805	1,14
	<i>Bathypsammia tintinnabulum</i> (Pournalès, 1868)	SC-FS	210-1115	1,14
	<i>Cladopsammia manuelensis</i> (Chevalier, 1966)	FS(PT)	70-366	1,13
	*Dendrophyllia alternata Pournalès, 1880	SEFL(BP)	276-900	1
	*Eguchipsammia cornucopia (Pournalès, 1871)	FS(PT)	91-300	1,13
	<i>Eguchipsammia gaditana</i> (Duncan, 1873)	NC,GA	97-505	1,16
	*Eguchipsammia strigosa Cairns, 2000	NC	25-77	1,16
	<i>Enallopsammia profunda</i> (Pournalès, 1867)	NC(NBP)-FS(PT,AT)	305-1748	5,6,13,18
	<i>Enallopsammia rostrata</i> (Pournalès, 1878)	SC	300-1646	13,14
	<i>Thecopsammia socialis</i> Pournalès, 1868	NC(NBP)-FS(PT)	214-878	1,14
Family Flabellidae	<i>Flabellum (Flabellum) atlanticum</i> Cairns, 1979	SEFL	357-618	1
	*Flabellum (Flabellum) floridanum Cairns, 1991 (= <i>Flabellum fragile</i> Cairns, 1977)	FS(FK)	86-366	1
	<i>Flabellum (Ulocyathus) moseleyi</i> Pournalès, 1880	FS	216-1097	1,14
	<i>Javana cailleti</i> (Duchassaing & Michelotti, 1864)	SEFL, FS	30-1809	13
	<i>Polymyces fragilis</i> (Pournalès, 1868)	FS(PT)	75-822	13,14
Family Fungiacyathidae	*Fungiacyathus (Bathyactis) crispus (Pournalès, 1871)	NC-FL	183-1115	13
	<i>Fungiacyathus (Bathyactis) symmetricus</i> (Pournalès, 1871)	SEFL,FS	183-1664	14
	*Fungiacyathus (Fungiacyathus) pusillus (Pournalès, 1868)	FS(PT)	285-685	14
Family Gardineriidae	*Gardineria paradoxa (Pournalès, 1868)	FL(FS)	91-700	14
Family Oculinidae	<i>Madrepora carolina</i> (Pournalès, 1871)	NC-FL	53-1003; commonly 200-300	5,13,14,16,17
	<i>Madrepora oculata</i> Linnaeus, 1758	NC-FL	80-1500	4,6,13,14,16,17

Higher Taxon	Species	Distribution	Depth Range (m)	References
Family Oculinidae, cont.	<i>*Oculina tenella</i> Pourtalès, 1871	SEFL,FS	25-159	16
	<i>Oculina varicosa</i> Lesueur, 1821	NC-FL	3-150	1,4,13,14,16,17,19
Family Pocilloporidae	<i>*Madracis asperula</i> Milne Edwards & Haime, 1849	FS	24-311	1,16
	<i>Madracis myriaster</i> (Milne Edwards & Haime, 1849)	NC-FS(PT)	20-1220	1,4,5,11,14
	<i>*Madracis pharensis f. pharensis</i> (Heller, 1868)	NC	11-333	16
Family Rhizangiidae	<i>*Astrangia poculata</i> (Ellis & Solander, 1786)	NC to FL	0-263	13
Family Schizocyathidae	<i>Pourtalocyathus hispidus</i> (Pourtalès, 1878)	FL-FS	349-1006	1,14
	<i>Schizocyathus fissilis</i> Pourtalès, 1874	SEFL	88-1300	15,16
Family Stenocyathidae	<i>Stenocyathus vermiformis</i> (Pourtalès, 1868)	GA(BP), FS(PT)	165-835	13
Family Turbinoliidae	<i>Cryptotrochus carolinensis</i> Cairns, 1988	NC (NBP)	320-338	1,20
	<i>Deltocyathoides stimpsonii</i> (Pourtalès, 1871)	SC(BP)-FS	110-553	1,14
	<i>*Peponocyathus folliculus</i> (Pourtalès, 1868)	NC-FS	284-457	1,13

Higher Taxon	Species	Distribution	Depth Range (m)	References
Class Anthozoa				
Subclass Octocorallia				
Order Alcyonacea				
Family Acanthogorgiidae	<i>*Acanthogorgia aspera</i> Pourtalès, 1867	SBP-FS(PT)	56-729	1,21
Family Alcyoniidae	<i>Anthomastus agassizii</i> Verrill, 1922	GA,FL	320-3186	1,6,22,23
	<i>Anthomastus grandiflorus</i> Verrill, 1878	NC	137-457 (750-2919)	1,21,22
	<i>Bellonella rubistella</i> (Deichmann, 1936)	SC-SEFL	24-366	1,24
Family Anthothelidae	<i>*Anthothela grandiflora</i> (Sars, 1856)	FL(JL,FS)	744-868	1
	<i>*Anthothela tropicalis</i> Bayer, 1961	BL-FS	173-805	1,25
	<i>*Iciligorgia schrammi</i> Duchassaing, 1870	SEFL	11-366	4,5,26
Family Chrysogorgiidae	<i>*Chrysogorgia herdendorfi</i> Cairns, 2001	BP	2178-2200	21,27
	<i>Chrysogorgia multiflora</i> Deichmann, 1936	GA-FS	1021-1200	21,27
	<i>*Chrysogorgia spiculosa</i> (Verrill, 1883)	FS	914-2265	1,21,27
	<i>Chrysogorgia squamata</i> (Verrill, 1883)	BP,JL	431-1046	1,6,21
	<i>*Distichogorgia sconsa</i> Bayer, 1979	BP	814	21,28
	<i>*Iridogorgia pourtalesii</i> Verrill, 1883	FS(PT)	(286) 558-1633	29,30
	<i>Radicipes gracilis</i> (Verrill, 1884)	NC-SEFL	196-567	1,21
Family Clavulariidae	<i>*Carijoa riisei</i> (Duchassaing & Michelotti, 1860)	SC-FK	0-104	4,5,24
	<i>Clavularia modesta</i> (Verrill, 1874)	SC,GA	29-861	1
	† <i>Clavularia cf. rudis</i> (Verrill, 1922) (= <i>Trachythela cf. rudis</i>)	NEFL(BP)	805	1

Higher Taxon	Species	Distribution	Depth Range (m)	References
Family Clavulariidae, cont.	<i>Scleranthelia rugosa</i> (Pourtalès, 1867)	SC-SEFL	70-586	1,24
	<i>Telesto fruticulosa</i> Dana 1846	NC-NEFL	7-100	1,21,24
	<i>Telesto nelleae</i> Bayer, 1961	NC	27-227 (1153)	1,24,26
	<i>Telesto sanguinea</i> Deichmann, 1936	SC-FK	18-134	1,24
	*Telestula tubaria (Wright & Studer, 1889)	FK	1281-1464	1
Family Coralliidae	*Corallium medea Bayer, 1964	SEFL	544-1426	1,21
	† Hemicorallium niobe (Bayer, 1964)^b (= <i>Corallium niobe</i> Bayer, 1964)	SEFL	668-1609	21
Family Ellisellidae	*Ellisella elongata (Pallas, 1766) (= <i>Ellisella barbadensis</i> ; <i>Ctenocella (Viminella) barbadensis</i> ; <i>Viminella barbadensis</i>)	SC-FS(PT)	12-453	11,24,31
	*Ellisella grandis (Verrill, 1901) (= <i>Ctenocella (Ellisella) grandis</i>)	FS	42-305	31
Family Gorgoniidae	<i>Eunicella modesta</i> Verrill, 1883	BP-SEFL	475-880	1,6,21
	*Leptogorgia cardinalis (Bayer, 1961)	NEFL	19-77 (309)	24,31
	*Leptogorgia euryale (Bayer, 1952)	SC	15-91	24
	*Leptogorgia hebes Verrill, 1869	NC-NEFL	8-116	4,24
	*Leptogorgia punicea (Milne Edwards & Haime, 1857)	NC-SEFL	20-105	24
	*Leptogorgia stheno (Bayer, 1952)	FS	26-183	1,31
	*Leptogorgia virgulata (Lamarck, 1815)	NC-SEFL	2-82 (220)	5,24,31
Family Isididae	† Acanella cf. arbuscula (Johnson, 1862)^c (= <i>Acanella cf. eburnea</i> (Pourtalès, 1868))	SC	309-2100	1,15
	*Isidella sp. 1	FL(PT,JL)	744-762	1,6
	<i>Keratoisis flexibilis</i> (Pourtalès, 1868)	BP-FS(PT)	170-816	1,6,11
	† Keratoisis grayi (Wright, 1869) (= <i>Keratoisis ornata</i> Verrill, 1878)	BP	274-3235	1,21
	*Lepidisis caryophyllia Verrill, 1883	FS	1003-1064	1,31
	<i>Lepidisis longiflora</i> Verrill, 1883	SEFL	752-1235	1
Family Nephtheidae	<i>Gersemia fruticosa</i> (Sars, 1860)	FL	770 (600-3100)	1,22
	<i>Pseudodrifra nigra</i> (Pourtalès, 1868) (= <i>Capnella nigra</i> ; <i>Eunephthya nigra</i> ; <i>Nephthya nigra</i>)	SC-FS(PT)	60-1153	1,6,23,24
Family Nidaliidae	*Nidalia dissidens Verseveldt & Bayer, 1988	SEFL	274-539	31
	*Nidalia occidentalis Gray, 1835	NC-SEFL	37-440	1,4,5,24
Family Paragorgiidae	<i>Paragorgia arborea</i> (Linnaeus, 1758)	NC	200-800	15
	<i>Paragorgia johnsoni</i> Gray, 1862 (= <i>Paragorgia boschmai</i> Bayer, 1964)	SEFL	522-608	1,21
Family Plexauridae	*Bebryce cinerea Deichmann, 1936	SC	76-549	24
	*Bebryce parastellata Deichmann, 1936	NC	40-586	24,32
	*Muricea laxa Verrill, 1864	SEFL	18-128	1,31
	*Muricea pendula Verrill, 1868	NC-FK	13-125	21,24

Higher Taxon	Species	Distribution	Depth Range (m)	References
Family Plexauridae, cont.	*Muriceides hirta (Pourtalès, 1868) (= <i>Trachymuricea hirta</i>)	FS(PT)	681-716	6
	<i>Paramuricea</i> sp.	SC	78	24
	*Paramuricea multispina Deichmann, 1936	SEFL,FS(PT)	106-1289	1,6,11,33
	<i>Paramuricea placomus</i> (Linnaeus, 1758)	SC-FS(PT)	462-470	1,11,21,33
	*Placogorgia mirabilis Deichmann, 1936	FS(PT)	53-261	11
	*Pseudoplexaura porosa (Houttuyn, 1772)	FS	3-283	1,31
	*Scleracis guadalupensis (Duchassaing & Michelotti, 1860)	NC,FL	18-715	24
	*Spinimuricea atlantica (Johnson, 1862) (= <i>Echinomuricea cf. atlantica</i>)	FS(MT)	284-323	6
	<i>Swiftia casta</i> (Verrill, 1883)	GA,FS	(53) 102-937	1,11,29,34
	<i>Swiftia exserta</i> (Ellis & Solander, 1786)	JL,MT	21-177 (342, 494)	1,4,31
	<i>Swiftia koreni</i> (Studer, 1889)	JL,FS(PT)	(97) 221-985	1,31
	*Swiftia pourtalesii Deichmann, 1936	FS	174-221	21,29,32
	*Thesea parviflora Deichmann, 1936	NC (Cape Hatteras), FS(PT)	81-183	1,11
	*Thesea solitaria (Pourtalès, 1868)	FS	185-318	31,35
	*Villogorgia cf. nigrescens Duchassaing & Michelotti, 1860	FS(PT)	215	11
Family Primnoidae	*Acanthoprimnoa goesi (Aurivillius, 1931)	FS(PT)	137-595 (711)	21,36
	†Callogorgia americana Cairns & Bayer 2002 (= <i>Callogorgia americana americana</i>)	FS(PT)	183-732	21,37,38
	<i>Callogorgia gracilis</i> (Milne Edwards & Haime, 1857)	SEFL	82-514	15,21,37,38
	<i>Calyptrophora gerdae</i> Bayer, 2001	FS	229-556	15,21
	<i>Calyptrophora trilepis</i> (Pourtalès, 1868)	BP	593-911	21,39
	<i>Candidella imbricata</i> (Johnson, 1862)	BP,SEFL	514-2063	6,21,36
	<i>Narella bellissima</i> (Kükenthal, 1915)	SEFL	439-841	21
	<i>Narella pauciflora</i> Deichmann, 1936	SEFL	738-1542	21
	*Narella regularis (Duchassaing & Michelotti, 1860)	SEFL	494-792	1,21
	<i>Narella versluysi</i> (Hickson, 1909)	SEFL	668-796 (2118)	21,40
	<i>Paracalyptrophora duplex</i> Cairns & Bayer, 2004	FL	374-555	21,36
	<i>Plumarella aurea</i> (Deichmann, 1936)	SC-FL	310-878	15,21,36
	<i>Plumarella dichotoma</i> Cairns & Bayer, 2004	SC-FL	494-1065	21,36
	<i>Plumarella laxiramosa</i> Cairns & Bayer, 2004	NC,SC	348-572	21,36
	<i>Plumarella pellucida</i> Cairns & Bayer, 2004	NC-FS	549-1160	1,21,36
	<i>Plumarella pourtalesii</i> (Verrill, 1883)	NC-FS	183-882	1,6,11,21,36
	<i>Thouarella (Thouarella) bipinnata</i> Cairns, 2006	BP-SEFL	507-1000	1,21,41

Higher Taxon	Species	Distribution	Depth Range (m)	References
Family Spongiodermidae	* <i>Callipodium rubens</i> (Verrill, 1872) (= <i>Anthopodium rubens</i> Verrill, 1872)	NC,OC	9-92	5,26
	* <i>Diodogorgia nodulifera</i> (Hargitt & Rogers, 1901)	GA-FL	20-183	1,4,5,24,26
	* <i>Titanideum frauenfeldii</i> (Kölliker, 1865)	NC-FL	13-293	1,4,5,26,42
Order Pennatulacea				
Family Anthoptilidae	* <i>Anthoptilum grandiflorum</i> (Verrill, 1879) (= <i>Benthoptilum sertum</i> Verrill, 1885)	NC,SC,FL(BP)	274-3651	1
	* <i>Anthoptilum murrayi</i> Kölliker, 1880	SC	430-2491	1
Family Funiculinidae	* <i>Funiculina quadrangularis</i> (Pallas, 1766)	BP	55-2866	34
Family Kophobelemnidae	* <i>Kophobelemnon stelliferum</i> (Müller, 1776)	NC,SC	393-2199	1
	* <i>Sclerobelemnon theseus</i> Bayer, 1959	SC	79	24
Family Renillidae	* <i>Renilla reniformis</i> (Pallas, 1766)	NC-FL	1-73 off NC	1,24
Family Umbellulidae	* <i>Umbellula lindahli</i> Kölliker, 1875 (= <i>Umbellula lindahlii</i>)	BP	549-3338	1
Family Virgulariidae	* <i>Acanthoptilum</i> sp.	NC-FL	49-279	1,24,43
	* <i>Acanthoptilum pourtalesii</i> Kölliker, 1870 ^d	FS	22-80	32
	* <i>Stylatula elegans</i> (Danielssen, 1860)	SC-FL	20-812	1,24,43
	* <i>Virgularia presbytes</i> Bayer, 1955	NC-FL	9-110	4,24,26

Higher Taxon	Species	Distribution	Depth Range (m)	References
Class Hydrozoa				
Subclass Hydroidolina				
Order Anthoathecata				
Family Stylasteridae	<i>Crypthelia floridana</i> Cairns, 1986	SBP,FS(PT)	593-823	44
	* <i>Crypthelia glossopoma</i> Cairns, 1986	FS(PT)	198-864	44
	<i>Distichopora foliacea</i> Pourtalès, 1868	GA,FS(PT)	174-527	11,44,45
	* <i>Errina cochleata</i> Pourtalès, 1867	FS	194-534	46
	* <i>Lepidopora biserialis</i> Cairns, 1986	FS	196-370	46
	* <i>Lepidopora glabra</i> (Portalès, 1867)	FS	159-2021	45,46
	* <i>Pliobothrus echinatus</i> Cairns, 1986	FS(PT)	164-750	1,11,44,45
	<i>Pliobothrus symmetricus</i> Pourtalès, 1868	SC-FS(PT)	139-1100; commonly 150-400	44,45
	<i>Stylaster complanatus</i> Pourtalès, 1867	GA	183-707	44
	* <i>Stylaster duchassaingi</i> Pourtalès, 1867	FS(PT)	40-915	1,45,46
	<i>Stylaster erubescens</i> Pourtalès, 1868	SC-FS	146-965; commonly 650-850	11,44,45
	* <i>Stylaster filigranus</i> Pourtalès, 1871	PT	175-549	11,45

Higher Taxon	Species	Distribution	Depth Range (m)	References
	<i>Stylaster laevigatus</i> Cairns, 1986	SC	20-1170; commonly 300-400	44,45
	<i>Stylaster miniatus</i> (Pourtalès, 1868)	SC-FS(PT)	146-530	11,44,46
	* <i>Stylaster roseus</i> (Pallas, 1766)	SC(BP)	2-494; commonly <100	45,46

Notes

- Five species reported by Ross and Nizinski (2007) have been removed from the list, as we have not been able to confirm their presence in U.S. waters. These include three stony corals: *Caryophyllia* (*Caryophyllia*) *antillarum* Portalès, 1874, *Deltocyathus agassizi* Portalès, 1867, and *Balanophyllia* (*Balanophyllia*) *cyathoides* (Portalès, 1871); the parazoanthid gold coral formerly known as *Gerardia* sp. (likely *Kulamanamana* sp. – C. Messing pers. Comm.); and the soft coral *Siphonogorgia agassizii* (Deichmann, 1936). All have been reported from the Bahamas, just outside the U.S. Exclusive Economic Zone.
- Transfer of *Corallium niobe* Bayer, 1964 to the genus *Hemicorallium* based on phylogenetic relationships shown by mitochondrial and nuclear markers has not yet been reflected in [WoRMS](#).
- Saucier et al. (2017) have proposed that *Acanella eburnea* be synonymized with *A. arbuscula*. Saucier EH, Sajjadi A, France SC (2017) A taxonomic review of the genus *Acanella* (Cnidaria: Octocorallia: Isididae) in the North Atlantic Ocean, with descriptions of two new species. *Zootaxa* 4323:359-390
- Deichmann (1936) identified that two specimens of *Acanthoptilum pourtalesii* Kölliker, 1870 were collected in the Florida Straits by Portalès, but noted that she did not examine specimens of this species.

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