

# Deep-Sea Coral Taxa in the U.S. Gulf of Mexico: Depth and Geographical Distribution

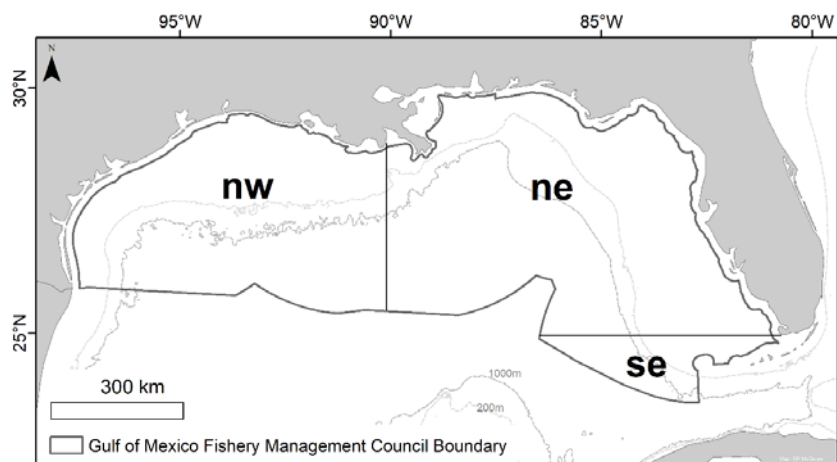
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This annex to the U.S. Gulf of Mexico chapter in “The State of Deep-Sea Coral Ecosystems of the United States” provides a list of deep-sea coral taxa in the Phylum Cnidaria, Classes Anthozoa and Hydrozoa, known to occur in the waters of the Gulf of Mexico (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 species lists presented in “Biodiversity of the Gulf of Mexico” (Felder & Camp 2009), which inventoried species found throughout the entire Gulf of Mexico including areas outside U.S. waters. Taxonomic names are generally those currently accepted in the World Register of Marine Species ([WoRMS](http://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. Only those species found within the U.S. Gulf of Mexico Exclusive Economic Zone are presented here. Information from recent studies that have expanded the known range of species into the U.S. Gulf of Mexico have been included.

The total number of species of deep-sea corals documented for the U.S. Gulf of Mexico is 230. Octocorals have the highest species richness with a total of 120 species and the highest rate of discovery, with 11 new species since 2007. Hexacorals have the next highest richness, with a total of 101 species, including 72 stony corals and 29 black corals (including one species with incomplete taxonomy). The Stylasteridae number nine species and are nearly exclusively recorded in the southeast region; only two species of lace corals are documented from the northeast region of the Gulf of Mexico.

**Figure 1.** The U.S. Gulf of Mexico region as considered in this work. The Gulf of Mexico is divided into northwest (nw) and northeast (ne) sections as proposed in “Biodiversity of the Gulf of Mexico” (Felder & Camp 2009), along with a small section of the southeast (se; west of approximately 82.5° W longitude in U.S. waters).



*Recommended citation:* Etnoyer PJ, Cairns SD (2017) Deep-Sea Coral Taxa in the U.S. Gulf of Mexico: Depth and Geographical Distribution. Online: <https://deepseacoraldata.noaa.gov/library/2017-state-of-deep-sea-corals-report>

**Table 1.** List of known deep-sea coral species in the Phylum Cnidaria, Class Anthozoa and Class Hydrozoa, and their reported distributions in U.S. Gulf of Mexico waters. Blue fields indicate newly described species since 2007. Bold text indicates changes to the list found in Brooke and Schroeder (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). References are numbered to correspond with citations following the table. The cnidarian chapters in "Biodiversity of the Gulf of Mexico" Felder and Camp, 2009 were an invaluable reference (see "Previous Deep-Sea Coral Lists" below).

Distribution: nw = northwest; ne = northeast; se = southeast; entire = throughout the U.S. Gulf of Mexico region. "NR" indicates a lack of reported distribution or depth information.

Higher Taxon	Species	Distribution	Depth Range (m)	References
<b>Class Anthozoa</b>				
<b>Subclass Hexacorallia</b>				
<b>Order Antipatharia</b>				
Family Antipathidae	<b>*<i>Allopathes desbonni</i> (Duchassaing &amp; Michelotti, 1864)</b>	nw	129-144	1,2
	<i>Antipathes atlantica</i> Gray, 1857	nw,ne,se	20-91	1,3,4
	<i>Antipathes furcata</i> Gray, 1857	nw,ne,se	<b>78-134</b>	1,3,4
	<i>Antipathes gracilis</i> Gray, 1860	nw,ne,se	<b>31-99</b>	3
	<b>*<i>Antipathes lenta</i> Pourtalès, 1871</b>	ne,se	42-92	5,6
	<i>Stichopathes luetkeni</i> Brook, 1889 (= <i>Stichopathes lutkeni</i> , alternative spelling)	nw,ne,se	<b>50-76</b>	3,4
	<b>*<i>Stichopathes cf. occidentalis</i> (Gray, 1857)<sup>a</sup></b>	nw	70	7
	<i>Stichopathes pourtalesi</i> Brook, 1889	<b>nw,se</b>	<b>73-110</b>	1,4,7
Family Aphanipathidae	<b>*<i>Acanthopathes humilis</i> (Pourtalès, 1867)</b>	<b>nw,se</b>	<b>129-494</b>	3,5,8
	<i>Acanthopathes thyoides</i> (Pourtalès, 1880)	nw,se	<b>104-207</b>	4,5
	† <i>Aphanipathes pedata</i> (Gray, 1857) (= <i>Antipathes pedata</i> )	nw,ne	76-292	3,4
	† <i>Aphanipathes salix</i> (Pourtalès, 1880) (= <i>Antipathes salix</i> )	<b>nw,ne,se</b>	106-263	3
	<b>*<i>Distichopathes filix</i> (Pourtalès, 1867)</b>	<b>nw,se</b>	<b>51-490</b>	3,8
	† <i>Elatopathes abietina</i> (Pourtalès, 1874) (= <i>Aphanipathes abietina</i> )	nw,ne,se	<b>62-263</b>	3,4,7
	<i>Phanopathes expansa</i> (Opresko & Cairns, 1992)	nw	<b>82-144</b>	4,9
	† <i>Phanopathes rigida</i> (Pourtalès, 1880) (= <i>Antipathes rigida</i> )	nw,se	64-419	3,5,7
Family Cladopathidae	<b>*<i>Sibopathes macrospina</i> Opresko, 1993</b>	<b>ne</b>	<b>448-538</b>	10
Family Leiopathidae	<i>Leiopathes glaberrima</i> (Esper, 1972)	entire	37-475	3,7
Family Myriopathidae	<i>Plumapathes pennacea</i> (Pallas, 1766)	nw,se	<b>29-91</b>	4,7
	<i>Tanacetipathes barbadensis</i> (Brook, 1889)	Nw	60-346	3,4
	<b>*<i>Tanacetipathes hirta</i> (Gray, 1857)</b>	<b>nw,se</b>	<b>51-179</b>	3,4
	† <i>Tanacetipathes tanacetum</i> (Pourtalès, 1880) (= <i>Antipathes tanacetum</i> )	nw,ne,se	<b>60-117</b>	3,4,7
	<b>*<i>Tanacetipathes thamnea</i> (Warner, 1981)</b>	<b>nw,ne,se</b>	<b>70-106</b>	4

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Family Schizopathidae	† <i>Bathypathes</i> sp. (= <i>Bathypathes</i> cf. <i>alternata</i> Brook, 1889)	ne	364-424	11
	<i>Bathypathes patula</i> Brook, 1889	ne,se	348	11
	* <i>Parantipathes tetrasticha</i> (Pourtalès, 1868)	nw,se	173-428	3,5
Family Stylopathidae	* <i>Stylopathes americana</i> (Duchassaing & Michelotti, 1860) (= <i>Antipathes americana</i> )	nw	55-159	5,12
	† <i>Stylopathes columnaris</i> (Duchassaing, 1870) (= <i>Arachnopathes columnaris</i> , <i>Antipathes columnaris</i> )	nw,ne,se	62-346	3,12
	* <i>Stylopathes litocrada</i> Opresko, 2006	nw,ne,se	91-274	12
<b>Order Scleractinia</b>				
Family Caryophylliidae	<i>Anomocora fecunda</i> Pourtalès, 1871	ne,se	37-640	13,14,15
	* <i>Anomocora marchadi</i> Chevalier, 1966	ne	35-229	3,16
	† <i>Anomocora prolifera</i> Pourtalès, 1871 (= <i>Asterosmilia prolifera</i> )	ne	30-329	13
	<i>Caryophyllia (Caryophyllia) ambrosia caribbeana</i> Cairns, 1979	entire	183-2360	13
	* <i>Caryophyllia (Caryophyllia) barbadosis</i> Cairns, 1979	nw	109-249	16
	<i>Caryophyllia (Caryophyllia) berteriana</i> Duchassaing, 1850	nw,ne,se	99-1033	13,15
	* <i>Caryophyllia (Caryophyllia) horologium</i> Cairns, 1977	nw,ne,se	55-175	1,16,17
	* <i>Caryophyllia (Caryophyllia) polygona</i> Pourtalès, 1878	ne,se	310-1817	13
	* <i>Cladocora debilis</i> Milne Edwards & Haime, 1849	ne,se	11-400	3,16
	* <i>Coenocyathus caribbeana</i> Cairns, 2000	nw	5-100	16
	† <i>Coenocyathus parvulus</i> (Cairns, 1979) (= <i>Caryophyllia (Caryophyllia) parvula</i> )	nw,ne,se	97-399	3,13,18
	<i>Coenosmilia arbuscula</i> Pourtalès, 1874	nw,ne,se	74-622	13,18
	† <i>Concentrotheca laevigata</i> (Portalès, 1871) (= <i>Thecocyathus laevigatus</i> )	ne,se	183-576	13
	<i>Dasmosmilia lymani</i> (Portalès, 1871)	ne,se	37-366	13,17
	<i>Dasmosmilia variegata</i> (Portalès, 1871)	ne,se	110-421	13
	<i>Desmophyllum dianthus</i> (Esper, 1794)	ne,se	183-2250	13
	* <i>Labyrinthocyathus facetus</i> Cairns, 1979	nw	385-402	1,13
	* <i>Labyrinthocyathus langae</i> Cairns, 1979	nw	506-810	13
	<i>Lophelia pertusa</i> (Linnaeus, 1758)	nw,ne,se	146-1200	3,13,19
	<i>Oxysmilia rotundifolia</i> (Milne Edwards & Haime, 1849)	nw,ne,se	46-640	3,13,18
	<i>Paracyathus pulchellus</i> (Philippi, 1842)	entire	17-250	13,17,18
	<i>Phacelocyathus flos</i> (Portalès, 1878)	ne,se	20-560	13
	* <i>Phyllangia americana americana</i> Milne Edwards & Haime, 1849	nw,ne,se	0-53	16
	* <i>Phyllangia pequegnatae</i> Cairns, 2000	nw,ne,se	48-112	16
	* <i>Polycyathus senegalensis</i> Chevalier, 1966	ne	12-143	3,16
	<i>Portalosmilia conferta</i> Cairns, 1978	nw,ne	55-191	3,14,16,20
	† <i>Premocyathus cornuformis</i> (Portalès, 1868) (= <i>Caryophyllia cornuformis</i> )	ne,se	137-931	13
* <i>Rhizosmilia maculata</i> (Portalès, 1874)	ne,se	1-508	16,17	

Higher Taxon	Species	Distribution	Depth Range (m)	References
Family Caryophylliidae, cont.	<i>Solenosmilia variabilis</i> Duncan, 1873	se	220-1383	13
	<i>Stephanocyathus (Odontocyathus) coronatus</i> (Pourtalès, 1867)	ne,se	543-1250	13,21
	<i>Stephanocyathus (Stephanocyathus) diadema</i> (Moseley, 1876)	ne,se	795-2553	13,21
	<b>*Stephanocyathus (Stephanocyathus) laevifundus Cairns, 1977</b>	se	<b>300-1158</b>	13
	<i>Stephanocyathus (Stephanocyathus) paliferus</i> Cairns, 1977	ne,se	220-715	13,21
	<b>*Tethocyathus cylindraceus (Pourtalès, 1868)</b>	<b>nw,se</b>	<b>183-649</b>	13
	<i>Thalamophyllia riisei</i> (Duchassaing & Michelotti, 1860)	<b>nw,se</b>	4-914	13,22,23
	<i>Trochocyathus (Trochocyathus) rawsonii</i> Pourtalès, 1874	ne,se	55-700	13
Family Deltocyathidae	<i>Deltocyathus calcar</i> Pourtalès, 1874	ne,se	81-675	13,15
	<i>Deltocyathus eccentricus</i> Cairns, 1979	nw,ne,se	183-910	13
	<i>Deltocyathus italicus</i> (Michelotti, 1838)	entire	403-2634	13,15
Family Dendrophylliidae	<i>Balanophyllia (Balanophyllia) floridana</i> Pourtalès, 1868	ne,se	13-220	16,17,24
	<i>Balanophyllia (Balanophyllia) palifera</i> Pourtalès, 1878	nw,se	53-708	13,15,24
	<i>Bathypsammia tintinnabulum</i> (Portalès, 1868)	ne,se	210-1115	13
	† <i>Cladopsammia manuelensis</i> (Chevalier, 1966) (= <i>Rhizopsammia manuelensis</i> )	nw,ne,se	70-366	13
	<i>Dendrophyllia alternata</i> Pourtalès, 1880	nw	276-900	13
	† <i>Eguchipsammia cornucopia</i> (Portalès, 1871) (= <i>Dendrophyllia cornucopia</i> )	ne,se	91-300	13,15
	<b>*Eguchipsammia gaditana (Duncan, 1873)</b>	se	<b>97-505</b>	16
	<i>Enallopsammia profunda</i> (Portalès, 1867)	ne,se	403-1748	13
	<b>*Enallopsammia rostrata (Portalès, 1878)</b>	<b>nw,se</b>	<b>300-1646</b>	1,13
	<b>*Rhizopsammia goesi (Lindstrom, 1877)</b>	<b>ne,se</b>	<b>5-119</b>	16,24
	<b>*Thecopsammia socialis Pourtalès, 1868</b>	<b>ne,se</b>	<b>214-878</b>	1,13
	<b>*Trochopsammia infundibulum Pourtalès, 1878</b>	se	<b>532-1472</b>	13
Family Flabellidae	<b>*Flabellum (Flabellum) floridanum Cairns, 1991</b> (= <i>Flabellum fragile</i> )	<b>ne,se</b>	<b>80-366</b>	13,17
	<i>Flabellum (Ulocyathus) moseleyi</i> Pourtalès, 1880	ne,se	216-1097	13
	<i>Javania cailleti</i> (Duchassaing & Michelotti, 1864)	nw,ne,se	30-1809	13,14,18
	† <i>Polymyces fragilis (Portalès, 1868)</i> (= <i>Rhizotrochus fragilis</i> )	entire	75-822	13,23
Family Fungiacyathidae	<i>Fungiacyathus (Bathyactis) crispus</i> (Portalès, 1871)	ne	<b>366-852</b>	13
Family Guyniidae	<i>Guynia annulata</i> (Duncan, 1872)	entire	30-653	13,18
Family Oculinidae	<i>Madrepora carolina</i> (Portalès, 1871)	nw,ne,se	53-1003	7,13,14
	<i>Madrepora oculata</i> Linnaeus, 1758	nw,ne,se	80-1500	13
	<b>*Oculina tenella Pourtalès, 1871</b>	<b>ne,se</b>	<b>25-159</b>	16
	<i>Oculina varicosa</i> Lesueur, 1821	ne	5-80	22,25

Higher Taxon	Species	Distribution	Depth Range (m)	References
Family Pocilloporidae	* <i>Madracis asperula</i> Milne Edwards & Haime, 1849	nw,ne,se	24-311	14,16,18
	<i>Madracis brueggemanni</i> Ridley, 1881	nw,ne,se	51-130	1,16,18
	<i>Madracis myriaster</i> (Milne Edwards & Haime, 1849)	nw,ne,se	20-1220	13,18
	<i>Madracis pharensis pharensis</i> (Heller, 1868)	ne,se	11-333	3,16
Family Rhizangiidae	* <i>Astrangia poculata</i> (Ellis & Solander, 1786)	entire	0-263	16,26
	* <i>Astrangia solitaria</i> (Lesueur, 1817)	ne,se	0-51	3,27
Family Stenocyathidae	<i>Stenocyathus vermiformis</i> (Pourtalès, 1868)	nw,ne,se	165-835	13,23
Family Schizocyathidae	* <i>Portalocyathus hispidus</i> (Pourtalès, 1878)	ne,se	349-1006	1,13
	<i>Schizocyathus fissilis</i> Pourtalès, 1874	nw,ne,se	88-640	17,28
Family Turbinoliidae	† <i>Deltocyathoides stimpsonii</i> (Pourtalès, 1871) (= <i>Peponocyathus stimpsonii</i> )	ne,se	110-553	1,13
	* <i>Peponocyathus folliculus</i> (Pourtalès, 1868)	se	284-457	13

Higher Taxon	Species	Distribution	Depth Range (m)	References
<b>Subclass Octocorallia</b>				
<b>Order Helioporacea</b>				
Family Lithotelestidae	* <i>Epiphaxum breve</i> Bayer, 1992	ne	76-107	29
<b>Order Alcyonacea</b>				
Family Acanthogorgiidae	* <i>Acanthogorgia aspera</i> Pourtalès, 1867	nw,se	56-1370	30,31
	* <i>Acanthogorgia schrammi</i> (Duchassaing & Michelotti, 1864)	ne	37-475	1,30,32
Family Alcyoniidae	<i>Anthomastus (Bathyalcyon) robustus delta</i> Bayer, 1993	nw	68-423	30,33
Family Anthothelidae	<i>Anthothela quattrinae</i> Moore, Alderslade & Miller, 2017	nw	522	1,34
	* <i>Anthothela tropicalis</i> Bayer, 1961	nw,ne	165-828	34,35
	* <i>Iciligorgia schrammi</i> Duchassaing, 1870	se	11-366	35
	* <i>Lateothela grandiflora</i> (Tixier-Durivault & d'Hondt, 1974) <sup>b</sup>	ne	50-550	1,34
Family Chrysogorgiidae	<i>Chrysogorgia averta</i> Pante & Watling, 2011	ne	2281-2383	36
	* <i>Chrysogorgia desbonni</i> Duchassaing & Michelotti, 1864	se	155-595	37
	<i>Chrysogorgia elegans</i> (Verrill, 1883)	entire	128-1716	30,37
	* <i>Chrysogorgia fewkesii</i> Verrill, 1883	nw,se	430-1200	1,37
	* <i>Chrysogorgia multiflora</i> Deichmann, 1936	se	1021-1200	37
	<i>Chrysogorgia spiculosa</i> (Verrill, 1883)	entire	914-2265	37
	<i>Iridogorgia magnispiralis</i> Watling, 2007	ne	2229	36
	<i>Iridogorgia splendens</i> Watling, 2007	ne	1422-2229	36
Family Clavulariidae	* <i>Carijoa operculata</i> (Bayer, 1961)	se	76-298	35
	* <i>Carijoa riisei</i> (Duchassaing & Michelotti, 1860)	nw,ne,se	13-732	1,30,35
	* <i>Clavularia rudis</i> (Verrill, 1922)	nw,ne	1373-2207	36

Higher Taxon	Species	Distribution	Depth Range (m)	References
Family Clavulariidae, cont.	<i>*Scleranthelia rugosa</i> var. <i>rugosa</i> (Pourtalès, 1867)	ne,se	494	30,38
	<i>*Scleranthelia rugosa</i> var. <i>musiva</i> Studer, 1878	ne,se	110-188	1
	<i>*Stereotelesto corallina</i> (Duchassaing, 1870)	nw	8-183	30
	<i>Telesto flavula</i> Deichmann, 1936	ne,se	49-64	30,35
	<i>Telesto fruticulosa</i> Dana, 1846	nw	33-183	30
	<i>Telesto sanguinea</i> Deichmann, 1936	ne,se	24-110	30,35
Family Coralliidae	<i>*Hemicorallium niobe</i> (Bayer, 1964) (= <i>Corallium niobe</i> )	nw	2229-2400	36
Family Ellisellidae	† <i>Ellisella atlantica</i> (Toeplitz, 1929) (= <i>Ctenocella</i> ( <i>Viminella</i> ) <i>atlantica</i> )	nw,se	24-214	1,18,30,32
	† <i>Ellisella elongata</i> (Pallas, 1766) (= <i>Ctenocella</i> ( <i>Ellisella</i> ) <i>elongata</i> ; <i>Ellisella barbadensis</i> ; <i>Ctenocella</i> ( <i>Viminella</i> ) <i>barbadensis</i> )	nw,ne,se	20-479	18,35
	<i>Ellisella funiculina</i> (Duchassaing & Michelotti, 1864)	nw,ne,se	49-481	18,30,32
	<i>*Ellisella schmitti</i> (Bayer, 1961) (= <i>Ctenocella</i> ( <i>Ellisella</i> ) <i>schmitti</i> )	nw,se	27-92	18,39
	<i>*Nicella americana</i> Toeplitz, 1919	nw,ne	62-100	40
	<i>Nicella deichmannae</i> Cairns, 2007	nw,ne,se	62-188	41
	<i>*Nicella flagellum</i> (Studer, 1901)	nw	68-100	18,30
	<i>Nicella guadalupensis</i> (Duchassaing & Michelotti, 1860)	nw,ne,se	62-311	14,30
	<i>Nicella goreau</i> Bayer, 1973	nw,ne	45-146	1
	<i>Nicella hebes</i> Cairns, 2007	nw,ne	70-188	1,14,18,30
	<i>Nicella obesa</i> Cairns, 2007	ne	48-274	1,41
	<i>Nicella robusta</i> Cairns, 2007	nw,ne	106-188	1,41
	<i>Nicella toeplitz</i> Viada & Cairns, 2007	nw,ne	69-188	1,41
	<i>Riisea paniculata</i> Duchassaing & Michelotti, 1860	nw,ne	93-188	14,18,30
	Family Gorgoniidae	<i>*Leptogorgia barbadensis</i> (Bayer, 1961)	se	27-76
<i>*Leptogorgia cardinalis</i> (Bayer, 1961)		ne,se	19-309	35,42
<i>*Leptogorgia euryale</i> (Bayer, 1952)		nw,ne	5-77	30,35
<i>*Leptogorgia medusa</i> (Bayer, 1952)		ne	13-77	30,35
<i>Leptogorgia stheno</i> (Bayer, 1952)		nw,ne	26-183	30,35
<i>*Leptogorgia virgulata</i> (Lamarck, 1815)		nw,ne	3-82	30,35
Family Isididae	<i>Acanella arbuscula</i> (Johnson, 1862) ° (= <i>Acanella eburnea</i> )	nw,ne,se	309-2834	1,30,32,43
	<i>*Chelidónis aurantiaca mexicana</i> Bayer & Stefani, 1987	nw,ne	426-581	44
	<i>Keratois flexibilis</i> (Pourtalès, 1868)	ne,se	170-592	1,31
	<i>*Lepidisis caryophyllia</i> Verrill, 1883	se	1003-1064	1
	<i>*Stenisis humilis</i> (Deichmann, 1936)	ne	180-222	32,44
Family Keroeidae	<i>*Thelogorgia studeri</i> Bayer, 1992	se	62	45
Family Nephtheidae	<i>*Pseudodrifa nigra</i> (Pourtalès, 1868) (= <i>Capnella nigra</i> ; <i>Eunephthya nigra</i> )	se	183-804	31

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Family Nidaliidae	† <i>Chironephthya agassizii</i> (Deichmann, 1936) (= <i>Siphonogorgia agassizi</i> )	nw,ne,se	14-185	14,18,30,31
	<i>Chironephthya caribaea</i> (Deichmann, 1936)	nw	16-183	30
	* <i>Nidalia deichmannae</i> Utinomi, 1954	nw,se	201-421	46
	* <i>Nidalia dissidens</i> Verseveldt & Bayer, 1988	nw	274-410	47
	<i>Nidalia occidentalis</i> Gray, 1835	nw,ne,se	30-311	14,18,30,35,46
Family Paragorgiidae	* <i>Paragorgia johnsoni</i> Gray, 1862	nw	439-476	36,48
	* <i>Paragorgia regalis</i> Nutting, 1912	ne	1369-1370	36
	<i>Sibogargorgia cauliflora</i> Herrera, Baco, Sanchez, 2010	ne	2206-2443	36,48,49
Family Plexauridae	<i>Bebryce cinerea</i> Deichmann, 1936	nw,ne	64-274	31,32
	* <i>Bebryce grandis</i> Deichmann, 1936	nw,ne	58-100	32
	<i>Bebryce parastellata</i> Deichmann, 1936	ne,se	40-514	31
	<i>Hypnogorgia pendula</i> Duchassaing & Michelotti, 1864	nw,ne	60 -109	31,50
	* <i>Lytreaia plana</i> (Deichmann, 1936)	nw,ne,se	18-77	31,32,51
	* <i>Muricea laxa</i> Verrill, 1864	ne,se	18-128	35,42
	<i>Muricea pendula</i> Verrill, 1864	nw,ne	13-125	30,35
	† <i>Muriceides hirta</i> (Pourtalès, 1868) (= <i>Trachymuricea hirta</i> )	nw,ne,se	53-595	30,31,32
	* <i>Muriceides küenthali</i> (Broch, 1912)	ne	53-1300	32
	* <i>Paramuricea biscaya</i> Grasshoff, 1977	nw,ne	882-2441	36
	<i>Paramuricea multispina</i> Deichmann, 1936	nw,ne	278-527	1,40,52
	<i>Paramuricea placomus</i> (Linnaeus, 1758)	nw,ne	517-528	52
	<i>Placogorgia mirabilis</i> Deichmann, 1936	ne,se	53-185	32
	<i>Placogorgia rudis</i> Deichmann, 1936	nw,ne	64-127	18
	<i>Placogorgia tenuis</i> (Verrill, 1883)	ne,se	76-479	30,31,32
	* <i>Placogorgia tribuloides</i> Bayer, 1959	se	51-373	53
	<i>Scleracis guadalupensis</i> (Duchassaing & Michelotti, 1860)	nw,ne,se	51-262	18,30,32
	* <i>Scleracis petrosa</i> Deichmann, 1936	ne,se	62-1604	32
	† <i>Spinimuricea atlantica</i> (Johnson, 1862) (= <i>Echinomuricea atlantica</i> )	nw,ne,se	183-530	38
	<i>Swiftia casta</i> (Verrill, 1883)	nw,se	53	54
	* <i>Swiftia exserta</i> (Ellis & Solander, 1786)	nw,ne,se	21-494	18,30,32
	* <i>Swiftia koreni</i> (Studer, 1889)	ne,se	221-985	1,31,47
	* <i>Swiftia pallida</i> Madsen, 1970	nw,ne	1371-1427	36
	* <i>Thesea citrina</i> Deichmann, 1936	ne,se	87	1,50
	<i>Thesea grandiflora</i> Deichmann, 1936	nw,ne,se	101-260	18,30,32
	* <i>Thesea granulosa</i> Deichmann, 1936	nw,ne	73-298	18,50
	* <i>Thesea guadalupensis</i> Duchassaing & Michelotti, 1860	nw,ne	81-159	18,50
* <i>Thesea hebes</i> Deichmann, 1936	ne,se	78-377	32,50	
* <i>Thesea nivea</i> Deichmann, 1936	nw,ne,se	63-120	30,50	

Higher Taxon	Species	Distribution	Depth Range (m)	References
Family Plexauridae, cont.	† <i>Thesea nutans</i> (Duchassaing & Michelotti, 1864) (= <i>Caliacis nutans</i> )	nw,ne,se	37-188	18,30
	<i>Thesea parviflora</i> Deichmann, 1936	nw,se	62-216	30,32,50
	<i>Thesea rubra</i> Deichmann, 1936	nw,ne	64-837	14,50
	* <i>Thesea rugosa</i> Deichmann, 1936	nw,ne,se	90-301	18,30,32
	* <i>Thesea solitaria</i> (Pourtales, 1868)	ne,se	185-318	32
	<i>Villogorgia nigrescens</i> Duchassaing & Michelotti, 1860	ne,se	58-478	14,32,50
Family Primnoidae	† <i>Callogorgia americana</i> Cairns & Bayer, 2002 (= <i>Callogorgia americana americana</i> )	nw,se	183-732	47,55,56
	† <i>Callogorgia delta</i> Cairns & Bayer, 2002 (= <i>Callogorgia americana delta</i> )	nw,ne	366-913	47,57
	<i>Callogorgia gracilis</i> (Milne Edwards & Haime, 1857)	nw	82-514	18,30,47,56
	* <i>Callogorgia linguimaris</i> Cairns & Bayer, 2003	nw	506	1,17,29,56
	* <i>Candidella imbricata</i> (Johnson, 1862)	ne,se	514-2063	58
	* <i>Narella pauciflora</i> Deichmann, 1936	nw,se	738-1473	36,59
	* <i>Paracalyptrophora carinata</i> Cairns & Bayer, 2004	nw	530-574	36,55
	* <i>Plumarella dichotoma</i> Cairns & Bayer, 2004	ne,se	488-1065	1,36,58
	* <i>Plumarella pellucida</i> Cairns & Bayer, 2004	se	439-1160	36,58
	* <i>Plumarella pourtalesii</i> (Verrill, 1983)	se	198-882	58
Family Spongiadermidae	* <i>Callipodium rubens</i> (Verrill, 1872)	nw,ne	9-92	30,35
	<i>Diodogorgia nodulifera</i> (Hargitt, 1901)	ne,se	30-183	35,42
<b>Order Pennatulacea</b>				
Family Anthoptilidae	* <i>Anthoptilum grandiflorum</i> (Verrill, 1879)	ne	2400	1
Family Funiculinidae	<i>Funiculina quadrangularis</i> (Pallas, 1766)	nw,ne	55-2866	30,54
Family Protoptilidae	* <i>Protoptilum thomsoni</i> Kölliker, 1872	nw,ne	357-512	32
Family Umbellulidae	<i>Umbellula guentheri</i> Kölliker, 1880	ne	1342	54
	<i>Umbellula lindahli</i> Kölliker, 1874	se,sw	2067-2866	30,31
Family Virgulariidae	* <i>Acanthoptilum agassizii</i> Kölliker, 1872	ne,se	64-183	32
	* <i>Acanthoptilum oligacis</i> Bayer, 1958	ne	183	32
	* <i>Acanthoptilum pourtalesii</i> Kölliker, 1870 <sup>d</sup>	se	22-80	31
	* <i>Stylatula antillarum</i> Kölliker, 1872	ne	100-183	32
	* <i>Stylatula elegans</i> (Danielssen, 1860)	se	27-1005	32
	* <i>Virgularia mirabilis</i> (Müller, 1776)	nw,ne	36-366	54
	* <i>Virgularia presbytes</i> Bayer, 1955	nw,ne	9-110	30,35



Higher Taxon	Species	Distribution	Depth Range (m)	References
<b>Class Hydrozoa</b>				
<b>Subclass Hydroidolina</b>				
<b>Order Anthoathecata</b>				
Family Stylasteridae	<i>*Crypthelia floridana</i> Cairns, 1986	se	593–823	60
	<i>Distichopora foliacea</i> Pourtalès, 1868	se	183–527	60
	<i>*Errina cochleata</i> Pourtalès, 1867	se	194–534	60
	<i>*Pliobothrus symmetricus</i> Pourtalès, 1868	se	150–400	60
	<i>Stylaster aurantiacus</i> Cairns, 1986	se	123–377	60
	<i>*Stylaster duchassaingi</i> Pourtalès, 1867	ne,se	42–692	60
	<i>Stylaster erubescens</i> Pourtalès, 1868	ne,se	146–965	60
	<i>Stylaster filogranus</i> Pourtalès, 1871	se	384–549	60
	<i>Stylaster miniatus</i> (Portalès, 1869)	se	146–530	60

## Notes

- Opresko et al. (2016) identified a new *Stichopathes* sp. from the Flower Garden Banks National Marine Sanctuary. The species is similar to *S. occidentalis*
- Moore et al. (2017) have used morphological characteristics and phylogenetic reconstructions using mitochondrial gene regions to describe a new genus, *Lateothela* n. gen., and a new combination: *Lateothela grandiflora* (Tixier-Durivault & d'Hondt, 1974) for a number of north Atlantic Ocean specimens previously identified as *Anthothela grandiflora*. These include several specimens from the Gulf of Mexico. This change has not yet been incorporated in the World Register of Marine Species (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 a specimen of *Acanthoptilum pourtalesii* Kölliker, 1870 was collected off the Marquesas Keys by Pourtalès, but noted that she did not examine specimens of this species.

## Acknowledgements

Thanks and appreciation are due to Dr. Tom Hourigan for his dedication to NOAA State of Deep Sea Coral and Sponge Ecosystems report, and this collection of regional species lists for deep-sea corals. Drs. Andrea Quattrini, Dennis Opresko, and Daniel Wagner provided thoughtful reviews. Dr. Heather Coleman assisted greatly with the references and design. Andrew Shuler and Caroline Vill contributed enormously to the final revisions.

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