

# Deep-sea octocorals and antipatharians show no evidence of seamount-scale endemism in the NW Atlantic

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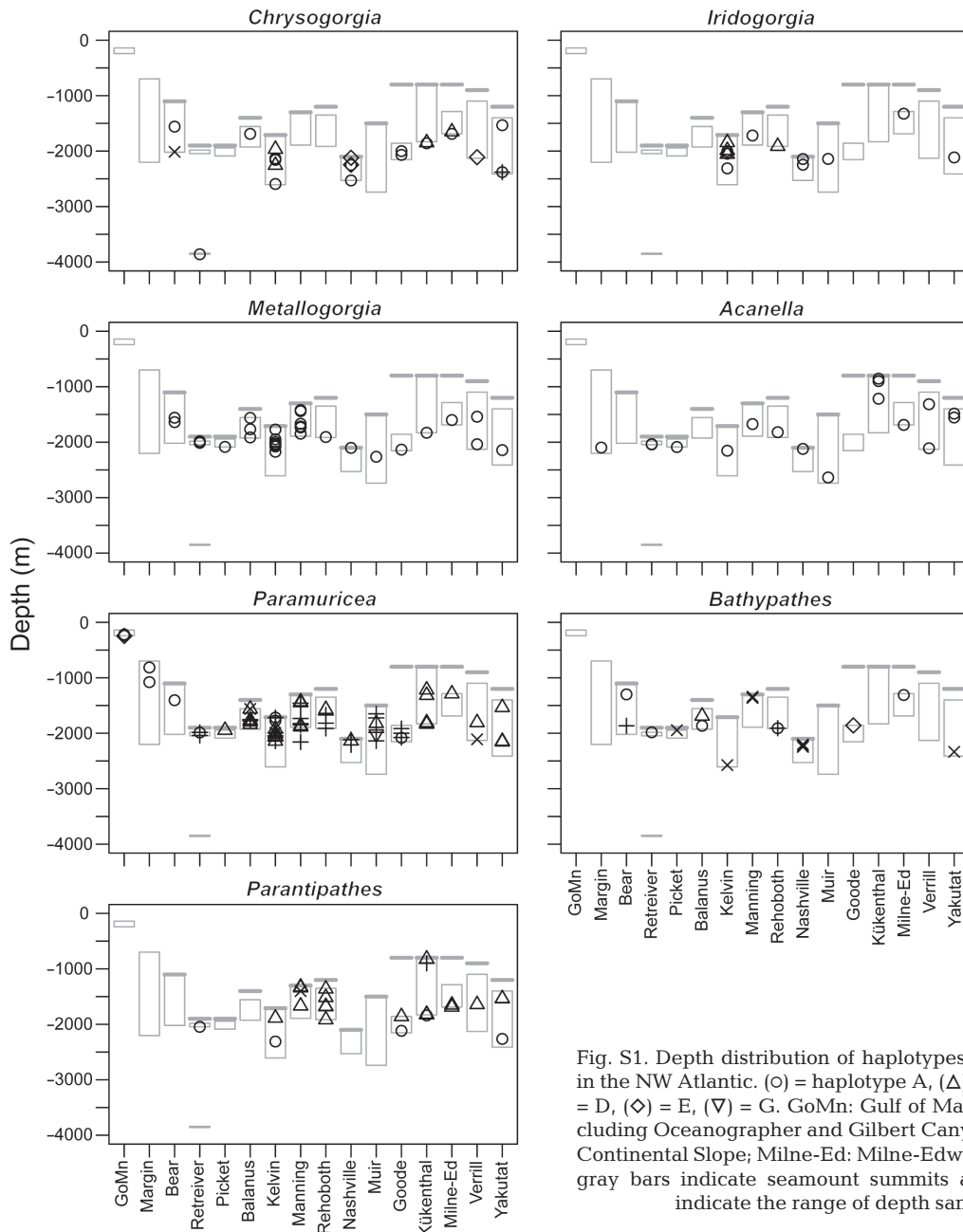


Fig. S1. Depth distribution of haplotypes for each genus in the NW Atlantic. (O) = haplotype A, (Δ) = B, (+) = C, (×) = D, (◇) = E, (∇) = G. GoMn: Gulf of Maine; Margin: including Oceanographer and Gilbert Canyons and the US Continental Slope; Milne-Ed: Milne-Edwards Peak. Solid gray bars indicate seamount summits and gray boxes indicate the range of depth sampled

Table S1. Specimen collection information, haplotype IDs and GenBank accession numbers. The haplotype assignment for the samples of *Paramuricea* with partial sequence (Oceanographer Canyon, Norway, Gulf of Mexico) is to group (see main paper Table 2 and 'Relationships among haplotypes of *Paramuricea*' in 'Results'). Where available, museum catalog numbers are given in parentheses: Harbor Branch Oceanographic Institution, USA (HBOI/DBMR); Museum and Art Gallery of the Northern Territory, Australia (MAGNT); Muséum National d'Histoire Naturelle, France (MNHN); National Institute of Water and Atmospheric Research, New Zealand (NIWA); National Museum of Natural History, Smithsonian Institution, USA (USNM); and Yale Peabody Museum, USA (YPM). Smt: Seamount; Pk: Peak; NES: New England Seamounts; CS: Corner Seamounts

Location Specimen #	Latitude	Longitude	Depth (m)	Haplotype	GenBank accession no.
<b>Octocorallia</b>					
<b>Chrysogorgiidae: <i>Chrysogorgia</i></b>					
Bear Smt, NES, Atlantic					
BEA401-1	39.9517	-67.413	1559	A	GQ180123
DE0409-20-1	39.9693	-67.4146	1994-2031	D	GQ180137
Retriever Smt, NES, Atlantic					
RET101-1	39.751	-66.249	3860	A	GQ180124
Balanus Smt, NES, Atlantic					
BAL211-1	39.4127	-65.408	1689	A	GQ180125
Kelvin Smt, NES, Atlantic					
KEL202-2 (YPM 28606)	38.8599	-63.9142	2158	A	
KEL407-2	38.783	-63.9628	2253	B	GQ180132
KEL601-4	38.7575	-64.91	2593	A	
KEL613-1	38.7655	-64.0905	2132	A	GQ180126
KEL619-1	38.7705	-64.0927	1965	B	
Nashville Smt, NES, Atlantic					
NAS102-3	34.5828	-56.8433	2246	E	GQ180138
NAS103-2	34.583	-56.8432	2250	A	GQ180127
NAS201-2	34.4698	-56.7295	2529	A	
NAS201-5	34.4698	-56.7295	2529	A	
NAS204-1	34.4788	-56.734	2121	E	
Goode Pk, Corner Smt, CS, Atlantic					
GOO108-1	35.393	-51.267	2068	A	GQ180128
GOO110-2	35.393	-51.2687	2000	A	
Kükenthal Pk, Corner Smt, CS, Atlantic					
KUK203-1	35.5567	-51.8145	1859	A	GQ180129
KUK205-1	35.5568	-51.8148	1846	B	GQ180133
Milne-Edwards Pk, Caloosahatchee Smt, CS, Atlantic					
MIL101-5	34.818	-50.5062	1689	A	GQ180130
MIL102-3	34.5748	-50.506	1650	B	GQ180134
Verrill Pk, Caloosahatchee Smt, CS, Atlantic					
VER202-1	34.5307	-49.7898	2110	E	GQ180139
Yakutat Smt, CS, Atlantic					
LYM201-1	35.1917	-47.6717	2379	C	GQ180136
LYM201-2	35.1917	-47.6717	2379	A	GQ180131
LYM310-1	35.3693	-48.159	1533	A	
Tyro Bank, Atlantic					
SEA20276-2	34.035	-28.3167	1520	F	GQ353315
Irving Bank, Atlantic					
SEA20222-1	32.3467	-28.2617	1150	B	GQ353317
Lanai, Hawaii, Pacific					
LAD23	20.7825	-157.1489	1028	B	GQ180135
<b>Chrysogorgiidae: <i>Iridogorgia</i></b>					
Kelvin Smt, NES, Atlantic					
KEL105-1 (USNM 1092267 Paratype; YPM 28587)	38.7888	-64.131	1986	B	GQ180143
KEL203-5 (YPM 38582 Paratype; YPM 28610)	38.8584	-63.9141	2047	A	GQ180140
KEL403-1	38.7791	-63.9628	2311	A	EU268055
KEL403-2 (YPM 38580 Holotype)	38.7791	-63.9628	2311	A	DQ860108
KEL502-1 (YPM 35397; YPM 38586 Paratype)	38.8536	-63.7642	2054	B	DQ860109
KEL503-2 (YPM 35398)	38.8556	-63.7688	2004	A	
KEL618-2 (YPM 38587 Paratype)	38.7708	-64.0883	1844	B	
Manning Smt, NES, Atlantic					
MAN102-1 (YPM 28541A, B; YPM 38581 Paratype)	38.2633	-60.5496	1719	A	GQ180141

Table S1 (continued)

Location Specimen #	Latitude	Longitude	Depth (m)	Haplotype	GenBank accession no.
Rehoboth Smt, NES, Atlantic REH104-2 (YPM 38585 Holotype)	37.4607	-59.9515	1912	B	GQ180144
Nashville Smt, NES, Atlantic NAS102-2 (USNM 1092265 Paratype)	34.5828	-56.8433	2246	A	GQ180142
NAS205-1 (USNM 1092266 Paratype)	34.4773	-56.7337	2143	A	
NAS205-2 (YPM 38583 Paratype)	34.4773	-56.7337	2143	A	
Milne-Edwards Pk, Caloosahatchee Smt, CS, Atlantic MIL111-1 (YPM 38584 Holotype)	34.8127	-50.5038	1325	A	EU293802
Yakutat Smt, CS, Atlantic LYM211-1	35.1937	-47.6772	2114	A	GQ223116
Muir Smt, Atlantic MU103-1 (YPM 28866)	33.789	-62.5905	2141	A	DQ297422
Azores, Atlantic BIA74-1	38.4667	-27.9	1235-1310	A	GQ353316
Solomon Islands, Pacific SAL22297-2 (MNHN-IC.2009-0001)	-9.1467	158.2667	728-777	A	GQ180145
<b>Chrysogorgiidae: <i>Metallogorgia</i></b>					
Bear Smt, NES, Atlantic BEA401-2	39.9517	-67.413	1559	A	GQ180147
BEA502-1	39.8815	-67.4735	1639	A	
Retriever Smt, NES, Atlantic RET107-1 (YPM 37058)	39.8079	-66.25	2012	A	GQ180157
RET116-1 (YPM 37065)	39.8097	-66.2492	1983	A	
Picket Smt, NES, Atlantic PIC101-3	39.6487	-65.9259	2085	A	GQ180155
Balanus Smt, NES, Atlantic BAL101-1 (YPM 37038)	39.3551	-65.3586	1914	A	GQ180162
BAL101-2	39.3551	-65.3586	1914	A	
BAL107-1 (YPM 37035)	39.3585	-65.3636	1767	A	
BAL107-2 (YPM 37035)	39.3585	-65.3636	1767	A	
BAL107-3 (YPM 37036)	39.3585	-65.3636	1767	A	
BAL110-2	39.3716	-65.3718	1562	A	
Kelvin Smt, NES, Atlantic KEL103-1 (YPM 28584)	38.7887	-64.1318	2029	A	
KEL107-1 (YPM 28588)	38.7885	-64.1304	1949	A	
KEL201-2	38.86	-63.9142	2173	A	
KEL301-3	38.82	-63.959	1773	A	
KEL301-4	38.82	-63.959	1773	A	
KEL501-1	38.8529	-63.7643	2078	A	
KEL501-2 (YPM 37158)	38.8529	-63.7643	2078	A	GQ180149
KEL501-3	38.8529	-63.7643	2078	A	
KEL502-4	38.8536	-63.7642	2054	A	
KEL505-1 (YPM 37160)	38.8553	-63.7692	1996	A	
Manning Smt, NES, Atlantic MAN101-2 (YPM 37053)	38.2632	-60.5502	1735	A	GQ180163
MAN306-1	38.2245	-60.474	1421	A	DQ297423
MAN706-2	38.1488	-61.1022	1847	A	
MAN708-1	38.1348	-61.1161	1718	A	EU268057
MAN708-2	38.1348	-61.1161	1718	A	
MAN710-1	38.1463	-61.1153	1668	A	
MAN811-1 (YPM 37042)	38.1415	-61.0878	1440	A	
Rehoboth Smt, NES, Atlantic REH105-1	37.4605	-59.9513	1907	A	GQ180156
Nashville Smt, NES, Atlantic NAS203-1	34.4802	-56.7358	2103	A	GQ180154
NAS203-2	34.4802	-56.7358	2103	A	
Goode Pk, Corner Smt, CS, Atlantic GOO103-1	35.3935	-51.2655	2135	A	GQ180148
Kükenthal Pk, Corner Smt, CS, Atlantic KUK209-1	35.5568	-51.8148	1830	A	GQ180150

Table S1 (continued)

Location Specimen #	Latitude	Longitude	Depth (m)	Haplotype	GenBank accession no.
Milne-Edwards Pk, Caloosahatchee Smt, CS, Atlantic					
MIL103-2	34.8153	-50.5058	1601	A	GQ180152
Verrill Pk, Caloosahatchee Smt, CS, Atlantic					
VER203-1	34.5345	-49.7932	2038	A	GQ180158
VER211-1	34.5435	-49.7925	1541	A	
Yakutat Smt, CS, Atlantic					
LYM210-1	35.1938	-47.6767	2143	A	GQ180151
Muir Smt, Atlantic					
MU305-2	33.7534	-62.5849	2263	A	GQ180153
Plato Bank, Atlantic					
SEA202249-1	33.2067	-29.2467	1700	A	GQ353314
Kermadec Ridge, Pacific (NIWA 43024)	-35.366	178.5527	1292-1496	A	GQ180146
<b>Chrysogorgiidae: <i>Radicipes</i></b>					
Bear Smt, NES, Atlantic (USNM 100900)	39.8833	-67.4372		A	DQ297424
DE0409-23-1 (YPM 35442)	39.8738	-67.4365	1431-1464	B	GQ180159
DE0409-24-2 (YPM 36783)	39.8714	-67.3385	1428-1650	B	
US Continental Slope, Atlantic					
EN447-12-1	38.5461	-70.7995	3000	C	GQ180161
Verrill Pk, Caloosahatchee Smt, CS, Atlantic					
VER204-1	34.535	-49.7935	2014	B	GQ180160
<b>Isididae: <i>Acanella</i></b>					
Gilbert Canyon, Atlantic					
GIL102-1	40.1104	-67.8807	2097	A <sup>a</sup>	GQ245875
US Continental Slope, Atlantic					
EN447-4-1	39.7807	-70.7091	1600	A <sup>a</sup>	GQ245886
Retriever Smt, NES, Atlantic					
RET105-2	39.8074	-66.2498	2040	A	
RET106-1 (YPM 35389)	39.8075	-66.25	2035	A	GQ245885
Picket Smt, NES, Atlantic					
PIC101-1	39.6487	-65.9259	2087	A	GQ245887
Kelvin Smt, NES, Atlantic					
KEL609-1	38.7652	-64.0903	2154	A	GQ245876
Manning Smt, NES, Atlantic					
MAN803-1 (YPM 35371)	38.1472	-61.0977	1674	A	GQ245888
Rehoboth Smt, NES, Atlantic					
REH112-4	37.46	-59.9497	1820	A <sup>a</sup>	GQ245877
Nashville Smt, NES, Atlantic					
NAS113-1	34.5793	-56.8413	2121	A	GQ245882
Kükenthal Pk, Corner Smt, CS, Atlantic					
KUK103-1	35.5085	-51.9592	899	A	
KUK104-1	35.5088	-51.958	855	A	GQ245878
KUK227-1	35.5548	-51.8277	1217	A	GQ245879
Milne-Edwards Pk, Caloosahatchee Smt, CS, Atlantic					
MIL101-1	34.8178	-50.5062	1688	A	EF672731
MIL101-2	34.818	-50.5062	1689	A	
MIL101-3	34.818	-50.5062	1689	A	
Verrill Pk, Caloosahatchee Smt, CS, Atlantic					
VER101-4	34.6637	-49.817	1316	A	
VER207-2	34.5373	-49.7938	1840	A	GQ245884
Yakutat Smt, CS, Atlantic					
LYM104-2	35.1258	-48.1115	1555	A	GQ245880
LYM106-1	35.1272	-48.116	1485	A	GQ245881
Muir Smt, Atlantic					
MU205-1	33.7694	-62.565	2636	A	
MU505-2 (YPM 28914)	33.8562	-62.6664	2636	A	GQ245883

Table S1 (continued)

Location Specimen #	Latitude	Longitude	Depth (m)	Haplotype	GenBank accession no.
<b>Plexuaridae: <i>Paramuricea</i></b>					
Langnuen Fjord, Norway, Atlantic					
LangNor32-1	59.9383	-5.4733	300-35	A/D/E	GQ414002
Gulf of Maine, Atlantic					
118BUM101-1	43.5639	-67.843	220	A	GQ413971
118BUM102-1	43.5639	-67.843	220	A	
BUM101-1	43.3647	-67.8125	241	E	GQ413998
BUM101-3	43.3647	-67.8125	241	A	
BUM101-4	43.3647	-67.8125	241	A	
BUM101-6	43.3647	-67.8125	241	A	
BUM201-2	43.3651	-67.8129		A	
BUM201-3	43.3651	-67.8129		A	
BUM201-4	43.3651	-67.8129		A	
KRAK0301	43.3633	-67.8133	228	A	
Oceanographer Canyon, Atlantic					
OCE101-1	40.2835	-68.1187	1078	A/D/E	GQ413975
OCE101-2	40.2836	-68.1187	1078	A/D/E	
OCE102-3	40.2836	-68.1187	814	A/D/E	
Bear Smt, NES, Atlantic					
DE0206-46-2	39.875	-67.4083	1378-1431	A	GQ413972
Retriever Smt, NES, Atlantic					
RET105-1	39.8074	-66.2499	2040	C	
RET110-1	39.809	-66.2498	1984	C	GQ413994
RET113-1	39.8095	-66.2494	1985	C	
RET115-1	39.8097	-66.2495	1981	A	GQ413999
Picket Smt, NES, Atlantic					
PIC106-1	39.6541	-65.9487	1945	B	GQ413984
Balanus Smt, NES, Atlantic					
BAL104-1	39.3569	-65.3648	1792	B	GQ413976
BAL105-1	39.3577	-65.364	1775	C	GQ413987
BAL108-1	39.359	-65.3637	1762	B	
BAL109-1	39.3605	-65.3633	1753	C	
BAL110-1	39.3716	-65.3718	1562	B	
BAL110-3	39.3716	-65.3718	1562	D	GQ413995
BAL207-1	39.415	-65.4117	1838	B	
Kelvin Smt, NES, Atlantic					
KEL203-2	38.9141	-63.9141	2047	B	
KEL203-6	38.9141	-63.9141	2047	C	
KEL204-2	38.9147	-63.9147	2013	B	
KEL206-1	38.9206	-63.9206	1923	B	
KEL301-5	38.82	-63.959	1773	A	GQ413974
KEL302-1	38.8273	-63.9655	1718	A	
KEL302-2	38.8273	-63.9655	1718	C	GQ413989
KEL502-2	38.8536	-63.7642	2054	B	
KEL502-3	38.8536	-63.7642	2054	B	GQ413977
KEL504-1	38.8551	-63.7693	1994	C	
KEL504-2	38.8551	-63.7693	1995	D	GQ413996
KEL506-1	38.8554	-63.7694	1996	B	
KEL507-1	38.8554	-63.7696	1991	C	
KEL608-1	38.7652	-64.0905	2158	C	
KEL611-1	38.7653	-64.0905	2141	B	
KEL611-2	38.7653	-64.0905	2141	C	
KEL614-1	38.7655	-64.0905	2132	C	
Manning Smt, NES, Atlantic					
MAN101-3	38.2632	-60.5502	1735	C	
MAN702-1	38.149	-61.1022	1884	B	
MAN704-1	38.1489	-61.1021	1863	B	
MAN705-1	38.1487	-61.1021	1849	C	GQ413990
MAN707-3	38.1486	-61.1018	1826	C	
MAN809-1	38.1425	-61.0912	1458	C	
MAN810-1	38.142	-61.0895	1448	B	GQ413980
MAN812-1	38.1411	-61.0876	1439	B	
MAN813-1	38.1404	-61.0868	1431	B	

Table S1 (continued)

Location Specimen #	Latitude	Longitude	Depth (m)	Haplotype	GenBank accession no.
Rehoboth Smt, NES, Atlantic					
REH107-1	37.4607	-59.9513	1912	C	
REH112-2	37.46	-59.9497	1818	C	GQ413993
REH205-1	37.5612	-59.8072	1670	C	
REH207-2	37.5598	-59.8055	1569	B	GQ413985
REH207-3	37.5598	-59.8055	1568	B	
Nashville Smt, NES, Atlantic					
NAS106-1	34.581	-56.8432	2209	C	
NAS110-1	34.5785	-56.8418	2136	B	GQ413983
NAS110-2	34.5785	-56.8418	2136	B	
NAS115-1	34.5788	-56.841	2115	C	GQ413992
Goode Pk, Corner Smt, CS, Atlantic					
GOO106-2	35.3932	-51.2665	2082	A	GQ413973
GOO107-2	35.393	-51.2667	2077	C	
GOO110-1	35.393	-51.2687	2000	C	GQ413988
GOO113-2	35.3927	-51.2703	1916	C	
Kükenthal Pk, Corner Smt, CS, Atlantic					
KUK208-1	35.5568	-51.8148	1834	B	GQ413978
KUK213-1	35.5563	-51.8157	1808	B	
KUK225-2	35.5557	-51.8263	1315	B	
KUK227-2	35.5548	-51.8277	1218	B	
Milne-Edwards Pk, Caloosahatchee Smt, CS, Atlantic					
MIL114-1	34.8112	-50.5023	1288	B	GQ413981
Verrill Pk, Caloosahatchee Smt, CS, Atlantic					
VER201-3	34.5307	-49.7898	2110	D	GQ413997
VER209-1	34.5385	-49.7937	1807	B	GQ413986
Yakutat Smt, CS, Atlantic					
LYM208-1	35.1938	-47.6765	2155	B	
LYM208-2	35.1938	-47.6765	2155	B	
LYM210-2	35.1938	-47.6767	2143	B	GQ413979
LYM306-1	35.3708	-48.1608	1534	B	
Muir Smt, Atlantic					
MU105-1	33.789	-62.5905	2138	C	
MU202-1	33.7737	-62.5698	1983-1986	C	GQ413991
MU202-2	33.7737	-62.5698	1983-1986	C	
MU202-3	33.7737	-62.5698	1983-1986	C	
MU202-4	33.7737	-62.5698	1983-1986	G	GQ414000
MU205-7	33.7694	-62.565	1819-1821	B	
MU205-8	33.7694	-62.565	1819-1821	B	GQ413982
MU502-1	33.859	-62.6719	1723	C	
MU505-1	33.8562	-62.6664	1649	C	
Bishop Smt, Hawaii, Pacific					
BI103-2	18.8135	-159.0587	1370	F	EU293799
Gulf of Mexico, Atlantic					
JSL4861-2	27.5983	-91.8266	528	A/D/E	GQ414001
Curaçao, Caribbean, Atlantic (HBOI/DBMR-10-V-5-005)					
	12.1226	-69.0007	1339	E	AY683077
<b>Antipatharia</b>					
<b>Schizopathidae: <i>Bathypathes</i></b>					
Bear Smt, NES, Atlantic					
DE0206-47-2 (YPM 35975)	39.8833	-67.4667	1195-1402	A	GQ200621; GQ200658; GQ200696
DE0409-21-2	39.9614	-67.4159	1843-1888	C	GQ200624; GQ200661; GQ200699
Retriever Smt, NES, Atlantic					
RET116-4	39.8097	-66.2492	1983	A	GQ200627; GQ200664; GQ200702
Picket Smt, NES, Atlantic					
PIC106-2	39.6541	-65.9487	1945	D	GQ200636; GQ200673; GQ200711

Table S1 (continued)

Location Specimen #	Latitude	Longitude	Depth (m)	Haplotype	GenBank accession no.
Balanus Smt, NES, Atlantic BAL103-1	39.3596	-65.3596	1865	A	GQ200623; GQ200660; GQ200698
BAL211-2	39.4127	-65.408	1689	B	GQ200628; GQ200665; GQ200703
Kelvin Smt, NES, Atlantic KEL603-1	38.7578	-64.0918	2574	D	GQ200629; GQ200666; GQ200704
KEL603-2	38.7578	-64.0918	2574	D	GQ200630; GQ200667; GQ200705
Manning Smt, NES, Atlantic MAN201-1	38.2632	-60.5502	1364	D	GQ200632; GQ200669; GQ200707
MAN204-1	38.2632	-60.5502	1340	D	GQ200633; GQ200670; GQ200708
Rehoboth Smt, NES, Atlantic REH103-1	37.4607	-59.9513	1909	A	GQ200626; GQ200663; GQ200701
REH103-2	37.4607	-59.9513	1909	C	GQ200622; GQ200659; GQ200697
Nashville Smt, NES, Atlantic NAS102-1	34.5828	-56.8433	2246	D	GQ200634; GQ200671; GQ200709
NAS107-1	34.5805	-56.8432	2200	D	GQ200635; GQ200672; GQ200710
NAS208-2	34.476	-56.733	2232	D	
Goode Pk, Corner Smt, CS, Atlantic GOO116-1	35.3972	-51.276	1859	E	GQ200637; GQ200674; GQ911222
Milne-Edwards Pk, Caloosahatchee Smt, CS, Atlantic MIL112-1	34.8123	-50.5038	1310	A	GQ200625; GQ200662; GQ200700
Yakutat Smt, CS, Atlantic LYM204-1	35.1918	-47.672	2335	D	GQ200631; GQ200668; GQ200706
<b>Schizopathidae: <i>Parantipathes</i></b>					
Retriever Smt, NES, Atlantic RET104-5	39.8072	-66.2334	2045	A	GQ200642; GQ200679; GQ200716
Kelvin Smt, NES, Atlantic KEL405-1	38.9629	-63.9629	2310	A	GQ200639; GQ200676; GQ200713
KEL617-1	38.7715	-64.0885	1886	B	FJ381658
Manning Smt, NES, Atlantic MAN205-1	38.2632	-60.5502	1340	B	GQ200648; GQ200686; GQ200723
MAN501-1	38.2147	-60.5122	1391	D	GQ200657; GQ200695; GQ200732
MAN507-12	38.217	-60.5117	1339	B	
MAN710-2	38.1153	-61.1153	1668	B	GQ200649; GQ200687; GQ200724
MAN903-1	38.2175	-60.511	1333	B	
MAN904-2	38.2175	-60.5112	1333	B	
MAN915-3	38.2185	-60.5108	1326	B	

Table S1 (continued)

Location Specimen #	Latitude	Longitude	Depth (m)	Haplotype	GenBank accession no.
Rehoboth Smt, NES, Atlantic REH101-3	37.4607	-59.9515	1916	B	GQ200652; GQ200690; GQ200727
REH201-2	37.561	-59.807	1675	B	
REH202-3	37.5613	-59.8072	1681	B	
REH210-1	37.5593	-59.8045	1514	B	
REH217-1	37.5557	-59.802	1361	B	GQ200653; GQ200691; GQ200728
Goode Pk, Corner Smt, CS, Atlantic GOO105-2	35.3935	-51.2657	2117	A	GQ200638; GQ200675; GQ200712
GOO116-4	35.3972	-51.276	1859	B	GQ200643; GQ200680; GQ200717
Kükenthal Pk, Corner Smt, CS, Atlantic KUK102-2	35.5083	-51.9592	900	C	GQ200655; GQ200693; GQ200730
KUK102-3	35.5083	-51.9592	900	C	
KUK103-3	35.5085	-51.9592	899	C	
KUK103-4	35.5085	-51.9592	899	C	GQ200656; GQ200694; GQ200731
KUK108-1	35.5167	-51.9548	819.7	B	GQ200644; GQ200682; GQ200719
KUK204-1	35.5567	-51.8145	1840	A	GQ200640; GQ200677; GQ200714
KUK210-1	35.55	-51.8148	1825.9	B	GQ200645; GQ200683; GQ200720
KUK211-1	35.5565	-51.815	1816	B	
Milne-Edwards Pk, Caloosahatchee Smt, CS, Atlantic MIL101-4	34.818	-50.5062	1689	B	GQ200650; GQ200688; GQ200725
MIL102-1	34.8165	-50.506	1650	B	GQ200651; GQ200689; GQ200726
Verrill Pk, Caloosahatchee Smt, CS, Atlantic VER210-3	34.5402	-49.794	1642	B	GQ200654; GQ200692; GQ200729
Yakutat Smt, CS, Atlantic LYM205-2	35.1925	-47.6737	2263	A	GQ200641; GQ200678; GQ200715
LYM305-1	35.371	-48.1617	1537	B	GQ200646; GQ200684; GQ200721
LYM308-1	35.37	-48.1597	1534	B	
LYM311-1	35.3685	-48.1588	1536	B	GQ200647

<sup>a</sup>Sequence of *igr4* not obtained