**List of specimens identified for this study and used to build the distribution maps:**

 In cases where we have many samples from approximately the same locality only a minor number of records are listed; the number in parentheses is the number of specimens caught.

Abbreviations: BIO: Bedford Institute of Ocenanography, Halifax, NS, Canada; IEO: Instituto Español de Oceanographía, Vigo, Spain; INHM: The Icelandic Natural History Museum, Iceland; KLF: The Kaldbak Laboratory, The Faroe Islands; MNHN: Museum of Natural History, Paris, France; PC: University of Bergen collection (HTR), Norway; SMNH: Swedish Museum of Natural History, Stockholm; UPSZMC: The Zoological Museum of Uppsala, Sweden; ZMBN: Bergen Museum, Bergen, Norway; ZMH: Zoologisches Museum, Hamburg, Germany; ZMUC: The Zoological Museum, Copenhagen, Denmark.

*Geodia atlantica* (Stephens, 1915)

**Norway:** ‘Skalle oil field’, 71°50’N, 20°50’E, 310 m (footage of ROV). Ecosystem Barents Sea 2007’, st. 2562, 71°40'4.19"N, 23°11'16.19"E, 375 m, PC. ‘GO Sars 2006’, St 1 (1), Røst reef, 66°55.87'N, 11°06.64'E, 319 m, ZMAPOR 21406a. Polarstern ARK-XXII/1a, St. 6 (1), PC, Jago dive 986, Røst reef, 67°32'N, 9°30'E, 360 m; St. 14 (1), PC229, Jago dive 991, Røst reef, 67°29'N, 9°24'E, 290-305 m; St. 27 (2), PC222, PC227, Jago dive 996, Trænadjupet, 66°58'N, 11°7'E, 292-304 m. Trondheimfjord, St. T8905093 (1), 63°28.00'N, 10°00.00'E, 150 m; St. T8905185 (9), 63°27.00'N, 9°57.80'E, 350 m; St. T9405259 (3), 63°32.48'N 9°50.47'E, 100 m; St. T9405317 (1), 63°51.50'N, 11°04.15'E, 200 m; St. T9406066 (6), 63°27.13'N, 9°57.76'E, 500 m; St. T9406036 (3), 63°34.00'N, 10°25.60'E, 150 m. Korsfjord, near Bergen (many), 60°10'N, 5°10'E, 350 m, ZMUC, PC, ZMBN 77927. ‘Håkon Mosby’ St. 237 (43), 59°07'N, 5°10'E, 160 m; St. 245 (3), 59°24.4'N, 4°53.8'E, 122 m, ZMUC.

**The Faroes:** ‘Michael Sars’ St. 76 (2), 59°29'N, 7°51'W, 1100 m. ‘Walther Herwig’ St. WH47 566 (1), 59°36.4'N, 8°03.3'W, 1000 m; St. WH47 572 (1), 60°22.3'N, 10°36.3'W, 600 m. BIOFAR Sts. 279 (3), 297 (1), 389 (2), 486 (11), 498 (2), 526 (1), 531 (12), 535 (30) (Nørrevang *et al.*, 1994). KLF, ZMUC.

**Rosemary Bank: ‘**FRV Scotia’, haul S12/469, 59°16'33"N, 9°31'46.2"W, 1308 m (identifications from pictures courtesy of J. Drewery, Marine Scotland Marine Laboratory).

**Iceland:** BIOICE St. 2292 (46), 62°27.91'N, 22°40.22'W, 1204 m; St. 2293 (3), 62°27.86'N, 22°40.24'W, 1203 m. ‘Ingolf’ St. 78 (7), 60°37'N, 27°52'W, 1505 m; St.90 (5), 64°45'N, 29°06'W, 1070 m, INHM, ZMUC.

**East Greenland:** ‘Paamiut’ St. 94PA0090020 (1), 66°02'N, 32°46.4'W, 282 m. “Ingolf” St. 92 (1), 64°44’N, 32°52'W, 1838 m, ZMUC.

**West Greenland:** ‘Lynch’ St. 1971 (2), 63°32.1'N, 52°59.9'W, 552 m. ‘Shinkai Maru’ St. 003 (1), 63°26.7'N, 53°54.7'W, 1055 m; St. 015 (1), 63°27.5'N, 56°09.0'W, 1241 m; St. 018 (1), 64°05.6'N, 54°55'W, 1140 m; St. 021 (2), 63°35.7'N, 55°18.5'W, 1196 m; St. 1976 (1), 63°10'N, 54°14'W, 1321 m, ZMUC.

**Porcupine Bank:** ‘Celtic Explorer 2008-11’, trawl 23, field#M11G-0135, 54°2.04'N, 13°57.416'W, 2000 m, PC363.

**Bay of Biscay:** ‘IFREMER Thalassa Z’, St. 407 (2), 47°44'N, 08°07'W, 1085 m; St. 408, 47°44'N, 08°10'W, 1125-1140 m. ‘CENTOB, Biogas II’, DS33 (1), 47°39.7'N, 08°5.5'W, 2338 m, MNHN.

**Labrador:** Swedish Arctic Exp. 1871, St. 37 (1), SNHM-474, 53°34'N, 52°1'W, 1792 m (original det. as *Isops* sp. by K. Fristedt).

**Flemish Cap**: “NEREIDA 2009-2010”, UPSZMC, BIO & IEO. field#DR19-37b, 47°9'51.5''N, 43°28'34.78''W, 1137 m, UPSZMC 78291; DR20-01c/DR20-01b, 47°4'20.09"N, 43°26'56.91"W, 1122 m, UPSZMC 78292-78293. HUD2010-029, ROV ROPOS dive R1335 (picture, no specimen), 46°26.3438'N, 44°48.7049'W, 1160 m.

*Geodia barretti* Bowerbank, 1858

**Spitsbergen:** AB321 Marine Benthic Fauna of Svalbard 2011, St. 544, 80°32.3115'N, 15°21.69708'E, 215 m, ZMBN 89715-89716, ZMBN89720-89721-89722.

**Norway:** ‘Skalle oil field’, 71°50’N, 20°50’E, 310 m (footage of ROV). ‘Ecosystem Barents Sea 2007’, st. 2562 (many), 71°40'4.19"N, 23°11'16.19"E, 375 m, PC. Nordnorge 771218 (1), 71°17'N, 28°08'E, 385 m, ZMUC. Haugbergsneset 890606 (3), 69°31'N, 19°01'E, 20-40 m. ZMUC, PC. Torsnes 890809 (3), 69°31'N, 19°01'E, 100-300 m, ZMUC. ‘Håkon Mosby’ St. 93060613 (3), 70°14'N, 22°57.64'E, 329 m; St. 93061106 (2), 68°52.37'N, 16°37.42'E, 104 m, ZMUC. ‘Meteor’, St. 603 (7), 65°41.1'N, 5°49.7'E, 443 m, ZMUC. Polarstern ARK-XXII/1a, St. 14 (1), Jago dive 991, Røst reef, 67°29'N, 9°24'E, 282-290 m; St. 27 (1), Jago dive 996, Trænadjupet, 66°58'N, 11°7'E, 292 m; St. 40-4 (1), Jago dive 1002, 70°45'0"N, 18°40'0"E, 262 m, PC. Trondheimsfjord St. T8903301 (13), 63°27.90'N, 10°23.60'E, 300 m; St. T8905093 (4), 63°28.00'N, 10°00.00'E, 150 m; St. T8905127 (1), 63°34.20'N, 10°26.30'E, 70 m; St. T8905185 (7), 63°27.00'N, 9°57.80'E, 350 m; T9405264 (6), 63°43.80'N, 9°57.75'E, 200 m; St. T9405315 (4), 63°52.12'N, 11°04.25'E, 150 m; St. T9406066 (8), 63°27.13'N, 9°57.76'E, 500 m, ZMUC. Trollholmflua, near Bjørnsund Islands, 62°54'N, 6°52'E, 31-39 m, ZMBN 85212, PC 468, MNHN DCL 4098, UPSZMC 77038-39-40; Korsfjord, near Bergen (many), 60°10'N, 5°10'E, 120-400 m, ZMUC, PC, ZMBN 77922. ‘Håkon Mosby’, St. 237 (49), 59°07'N, 05°10'E, 160 m; St. 242 (85), 59°16'N, 04°56'E, 157 m, ZMUC. Lysefjord, Uksen/Sanafjellet (4), 58°57.5'N, 06°10.1'E, 35-40 m, PC.

**Skagerrack:** The Koster area, South of Krugglö (10), 58°53.1'N, 11°5.5'E, 150-60 m. East of Ramsö (6), 58°49.8'N, 11°05.5'E, 130-85 m. Ulvillarna (20), 58°49.2'N, 11°04.8'E, 225-150m, ZMUC. Säcken, 59°N, 11°07'E, 80-100 m, UPSZMC 75154. ‘BIOSKAG 2006’, St. 20 (many), 58º 13' N, 8º 35' E, 137-149 m, ZMBN 85201.

**Porcupine Bank:** ‘Celtic Explorer 2008-11’, trawl 22, field#M11G-0130, 54°1.748'N, 13°49.54'W, 1818 m, ZMBN 85202; trawl 23, field#M11G-0134, 54°2.04'N, 13°57.416'W, 2000 m, PC362.

**Rosemary Bank: ‘**FRV Scotia’, haul S12/469, 59°16'33"N, 9°31'46.2"W, 1308 m (identifications from pictures courtesy of J. Drewery, Marine Scotland Marine Laboratory).

**The Faroes:** BIOFAR Sts. 043 (1), 089 (1), 117 (1), 119 (7), 234 (1), 279 (5), 530 (3), 535 (40), 540 (45) (Nørrevang *et al.*, 1994), KLF, ZMUC.

**Iceland:** ‘Dana’, St. 6001 (1), 63°33'N, 11°25'W, 322 m, ZMUC. BIOICE Sts. 2923 (5), 65°43.63'N, 29°07.99'W, 704 m; St. 2926 (4), 65°50.79'N, 28°46.45'W, 540 m; St. 2928 (9), 65°39.28'N, 27°39.95'W, 678 m, INHM, ZMUC. ‘Ingolf’ St. 78 (1), 60°37'N, 27°52'W, 1505 m; St. 90 (2), 64°45'N, 29°06'W, 1070 m, ZMUC.

**East Greenland:** ‘Shinkai Maru 1987’ St. 67 (1), 65°06'N, 36°56'W, 216-228 m; St. 104 (1), 65°33'N, 31°53'W, 688-727 m, ZMUC. ‘Paamiut’ St. 87PA0067 (1), 65°06'N, 36°56'W, 228 m; St. 87PA0078 (1), 63°55'N, 37°17'W, 386 m; St. 92PA0160050 (1), 66°41.2'N, 32°26'W, 367 m; St. 94PA0090002 (2), 67°37.4'N, 27°50.3'W, 274 m; St. 94PA0090009 (4), 67°13.6'N, 30°32.9'W, 441 m; St. 94PA0090010 (8), 67°19.10'N, 30°29.1'W, 241 m; St. 94PA0090019 (3), 65°43.1'N, 34°23.7'W, 360 m; St. 94PA0090020 (6), 66°02'n, 32°46.4'W, 282 m; St. 94PA0090062 (2), 67°09.1'N, 30°32.3'W, 467 m, ZMUC. ‘Lynch’ 721008 (3), 64°24.8'N, 29°55.9'W, 827 m, ZMUC.

**West Greenland:** ‘Shinkai Maru’ St. 9 (1), 63°19.6'N, 54°53.8'W, 1226 m; St. 29 (1), 64°27.7'N, 55°23.1'W, 966 m; St. 63 (1), 65°25.1'N, 55°10.2'W, 503 m; St. 79 (1), 67°27.2'N, 57°42'W, 246 m, ZMUC.

**Baffin Island:** ‘Paamiut’ PA2010-009, Set 126 (1), 68°22'12.07"N, 59°29'14.75"W, 541 m; Set 141 (1), 67°36'7.74"N, 58°32'30.05"W, 410 m, BIO, UPSZMC 78260 (subsample of set 141).

**Labrador:** Swedish Arctic Exp. 1871, SNHM-474, 53°34'N, 52°1'W, 1792 m (original det. as *Isops* sp. by Fristedt).

**Flemish Cap, the Grand Banks**: “NEREIDA 2009-2010”, BIO, IEO, UPSZMC. DR07-025, 48°15'22.69"N, 44°1'51.04"W, 1339 m, UPSZMC 78258; DR04-001, 48°28'27.94"N, 44°7'22.38"W, 1852 m, UPSZMC 78259; DR64-20b, 46°25'25.62"N, 44°50'44.78"W, 1091 m, UPSZMC 78262; DR74-29, 46°15'6.65"N, 46°55'10.06"W, 1055 m, UPSZMC 78263. “NEREIDA 0609”, field#BC89, 48°58'28.12"N, 45°16'22.73"W, 1574 m, BIO, UPSZMC 78268-78269. “NEREIDA 0710”, field#BC237, 46°0'10.06"N, 47°24'31"W, 1520 m, BIO, UPSZMC 78270. HUD2010-029, ROPOS Dive R1339-10 (2), 48°11.9478'N, W43°57.881'W, 1363 m, UPSZMC 78264-78265.

**Nova Scotia:** HUD2007-025, ROPOS Dive R1059, 43°58'6.96"N, 59°0'46.4"W, 753 m, BIO, UPSZMC 78261.

**Mediterranean Sea:** ‘CorSeaCan’, Canyon des Moines (2), Corsica, ROV Achille, Dive MOI-ACH-P06, event 105, 22nd of August 2010, 41°32.879'N, 08°43.322'E, 167 m, UPSZMC; Canyon de Cargèse (1), Corsica, dive B12-CG-ACH-P01-20100809, 42°6'54.84"N, 8°34'16.14"E, 171 m, *in situ* picture. ‘MedSeaCan’, Banc du Magaud (2), dive B7-MG-R2K-P02-20090523-AMP-0329, 43°3'37.82"N, 6°39'36.45"E, 178 m, *in situ* picture; Banc de Nioulargue (1), dive B7-PA-ACH-P02-20090519, 43°13'31.34"N, 6°46'52.19"E, 199 m, *in situ* picture.

*Geodia hentscheli* Cárdenas *et al.*, 2010

**Fram strait**: Polarstern, St. 223 (2), 81°48'N, 10°28'W, 550 m, ZMUC.

**Schultz Massive Seamount: ‘**BIODEEP2007’, ROV9, 73°50'N, 7°38'E, 1262 m, PC221; ROV10, lower slope of seamount, 73°47.38'N, 7°40.41'E, 1997 m, ZMBN77925, PC200-201, PC245; Dredge 2, 73°47.62'N, 7°41.79'E, 1433 m, PC197. ‘H2DEEP2008’, ROV5, top of seamount, 73°49'N, 7°34'E, 688 m, UPSZMC 78042.

**Norwegian Sea:** ‘CGB 2011’, field#11c-30-DR 05 (3), 68°16.608'N, 08°49.144'W, 1057 m; 11c-31-DR06 (1), 68°30.667'N, 08°14.143'W, 1370 m; 11c-19-ROV05 (2), 68°30.002'N, 08°16.277'W, 1367 m; 11c-16-DR01 (4), 68°33.495'N, 09°02.147'W, 1300 m, PC.

**Iceland:** BIOICE St. 2022 (11), 66°36.69'N, 12°43.32'W, 325 m; St. 2374 (1) 64°56.00'N, 11°48.00'W, 215 m; St. 2499 (2), 66°18.32'N, 26°30.66'W, 629 m; St. 2501 (13), 66°25.24'N, 25°50.32'W, 630 m; St. 2516 (5), 66°36.85'N, 25°22.69'W, 680 m; St. 2518 (23), 66°36.94'N, 25°33.59'W, 749 m; St. 2700 (1), 64°05.6'N, 27°50'W, 1105 m; St. 2769 (19), 68°35.18'N, 16°56.23'W, 519 m, INHM, ZMUC. BIOICE St. 3227 (1), 68°52'0.01"N, 9°25'0.6"W, 800 m, PC39; St. 3659 (1), 67°47'36.6"N, 19°36'22.8"W, 800 m, PC18; St. 3661 (1), 67°42'71''N, 19°53'60''W, 1820 m, ZMBN 8520. ‘Ingolf’ St. 78 (32), 60°37'N, 27°52'W, 1505 m; St. 90 (28), 64°45'N, 29°06'W, 1070 m, ZMUC. ‘IceAge 2011’, ME853/1123-1 (6), 67°12.84'N, 26°11.95'W, 721-727 m; ME853/1132-1 (2), 67°38.61'N, 26°44.98'W, 320 m; ME853/1136-1 (4), 67°38.27'N, 26°45.73'W, 316 m, PC.

**East Greenland**: ‘Lynch’ St. 1972 (4), 67°58.5'N, 18°23.6'W, ca. 900 m; St. 1973 (1), 71°38.1'N, 9°32.2'W, 1830 m, ZMUC. ‘Shinkai Maru 1987’ St. 67 (1), 65°06'N, 36°56'W, 216-228 m, ZMUC. ‘Paamiut’ St. 90MA0200057 (photo of the catch), 67°33.7'N, 27°52.5'W, 292-289 m; St. 92PA0160002 (1), 67°32.8'N, 26°38.1'W, 300 m; St. 94PA0090001 (131), 67°24.7'N, 26°38.1'W, 306 m; St. 94PA0090002 (316), 67°37.4'N, 27°50.3'W, 274 m; St. 94PA0090009 (15), 67°13.6'N, 30°32.9'W, 441 m; St. 94PA0090010 (3), 67°19.1'N, 30°29.1'W, 241 m; St. 94PA0090019 (4), 65°43.1'N, 34°23.7'W, 360 m; St. 94PA0090026 (3), 66°21.5'N, 31°04.6'W, 467 m; St. 94PA0090041 (17), 67°07.1'N, 28°26.5'W, 335 m; St. 94PA0090043 (30), 66°54.3'N, 27°44.8'W, 372 m; St. 94PA 0090049 (11), 66°08.4'N, 27°55.4'W, 471 m; St. 94PA0090062 (7), 67°09.1'N, 30°32.3W, 467 m. ‘Ingolf’ St. 21 (1), 58°01'N, 44°45'W, 2505 m; St. 78 (32), 60°37'N, 27°52'W, 1505 m; St. 92 (5), 64°44'N, 32°52'W, 1838 m, ZMUC. ‘Zool. Polar. Exp. 1900’, St. 30 (4), 72°23'N, 13°50'W, 1900 m, UPSZMC 76804.

**West Greenland**: ‘Shinkai Maru’ St. 70 (1), 66°44.5'N, 57°39.2'W, 668 m; St. 110 (1), 69°45.3'N, 58°52.5'W, 484 m, ZMUC.

**Baffin Island:** ‘Paamiut’ PA2010-009, set 75 (1), 69°9'37.87"N, 65°2'18.78"W, 565 m; set 109 (1), 66°25'43.5"N, 60°12'43.02"W, 513 m; set 111 (1), 66°29'55.32"N, 59°39'51.19"W, 780 m; set 113 (3), 66°37'9.41"N, 60°5'57.19"W, 587 m; set 114 (1), 66°43'43.03"N, 59°58'45.23"W, 714 m; set 115 (1), 66°50'36.6"N, 59°59'49.81"W, 782 m; set 116 (1), 67°7'11.71"N, 59°58'23.16"W, 1049 m; set 155 (2), 66°48'51.48"N, 58°27'21.49"W, 847 m; set 156 (2), 66°51'6.37"N, 58°3'49.07"W, 853 m; set 157 (1), 66°44'46.07"N, 57°55'34.68"W, 702 m; set 159 (1), 66°42'50.47"N, 58°31'28.63"W, 755 m; set 160 (2), 66°36'15.3"N, 58°37'41.7"W, 719 m; set 161 (1), 66°33'15.84"N, 58°58'2.21"W, 787 m; set 162 (1), 66°30'42.59"N, 58°50'2.94"W, 721 m; set 164 (2), 66°20'32.71"N, 58°43'11.35"W, 652 m; set 168 (1), 66°25'41.05"N, 57°42'5.11"W, 563 m, BIO, UPSZMC 78266-78267 (subsamples from two specimens of Set 155).

*Geodia macandrewii* Bowerbank, 1858

**Spitsbergen:** ‘Meteor 1990’ st. 455 (1), 76°40.7'N, 13°43.0'E, 236 m, ZMUC. AB321 Marine Benthic Fauna of Svalbard 2011, St. 544, 80°32.3115'N, 15°21.69708'E, 215 m, ZMBN 89717-89718.

**Norway:** ‘Skalle oil field’, 71°50’N, 20°50’E, 310 m (footage of ROV). ‘Ecosystem Barents Sea 2007’, st. 2562 (many), 71°40'4.19"N, 23°11'16.19"E, 375 m, PC. Polarstern ARK-XXII/1a, St. 15 (1), Jago dive 992, Røst reef, 67°30'N, 9°25'E, 312 m, ZMBN 85207; St. 27 (1), Jago dive 996, Trænadjupet, 66°58'N, 11°7'E, 293 m (in situ picture, no collection). Røberg, Trondheimsfjord, St. T9405317 (2), 63°51.50'N, 11°04.15'E, 200-90 m, ZMUC. Haltenpipe (1), 63°15'40.43"N, 7°15'20.3"E, 280 m, PC142. Brattholmen, 60°25'N, 05°06'E, ZMBN 85206. Korsfjord (3), near Bergen, 60°10'N, 5°10'E, 80-600 m, ZMUC, ZMBN 77924. West of Marsteinen (1), 60°07.4'N, 04°49.9'E, 300 m, PC. ‘Håkon Mosby’ St. 242 (8), 59°16'N, 4°56'E, 157 m, ZMUC.

**The Faroes:** Between Fugloy and Nolsoy (1), ca. 240 m. ‘Ingolf’ St. 1 (1), 62°30'N, 8°21'W, 249 m, ZMUC. BIOFAR Sts. 69 (1), 117 (1), 279 (1), 297 (1), 379 (2), 452 (1), 487 (2), 535 (3), 540 (5), 756 (2), 901 (1) (Nørrevang *et al.*, 1994), KLF, ZMUC. ‘Magnus Heinason’ St. 150990 (3), 62°15'N, 4°29'W, 278 m, ZMUC. ‘Walther Herwig’ 47 St. 569 (3), 59°56.8'N, 10°03.8'W, 1140 m, ZMH.

**Rosemary Bank: ‘**FRV Scotia’, haul S12/469, 59°16'33"N, 9°31'46.2"W, 1308 m (identifications from pictures courtesy of J. Drewery, Marine Scotland Marine Laboratory).

**Iceland:** ‘Ingolf’ St. 90 (4), 64°45'N, 29°06'W, 1070 m, ZMUC. BIOICE St. 2218 (1), 64°12.46'N, 25°16.95'W, 265 m; St. 2728 (2), 64°13.8'N, 27°30.4'W, 927 m; St. 2923 (1), 65°43.63'N, 29°07.99'W, 704 m, ZMUC, INHM.

**East Greenland:** ‘Shinkai Maru’ St. 29 (1), 65°06'N, 36°56'W, 228 m; St. 67 (1), 65°06'N, 36°56'W, 216-228 m; St. 70 (1), 62°03'N, 41°09'W, 237 m. ‘Sisimiut’ St. 89Si0240086 (1), 66°39.6'N, 27°14'W, 420 m, ZMUC. ‘Maniitsoq’ St. 90MA0200057 (photo of the catch), 67°33.7'N 27°52.5'W, 292-289 m. ‘Paamiut’ St. 94PA0090001 (1), 67°24.7'N, 26°38.1'W, 306 m; St. 94PA0090002 (4), 67°37.4'N, 27°50.3'W, 274 m; St. 94PA0090009 (13), 67°13.6'N, 30°32.9'W, 441 m; St. 94PA0090010 (6), 67°19.1'N, 30°29.1'W, 241 m; St. 94PA0090020 (2), 66°02'n, 32°46.4'W, 282 m; St. 94PA0090026 (1), 66°21.5'N 31.04.6'W, 467 m; St. 94PA0090039 (1), 66°47.1'N, 28°13.7'W, 334 m; St. 94PA0090062 (3), 67°09.1'N, 30°32.3W, 467 m, ZMUC. ‘Zool. Polar. Exp. 1900’, St. 30 (3), 72°23'N, 13°50'W, 1900 m, UPSZMC 76803.

**West Greenland:** ‘Shinkai Maru’ St. 9 (1), 63°19.6'N, 54°53.8'W, 1226 m; St. 26 (1), 63°48.4'N, 54°35.8'W, 1173 m; St. 32 (1), 64°13.5'N, 54°42.1'W, 970 m; St. 50 (1), 64°48.9'N, 55°23.1'W, 800 m; St. 43 (1), 63°20'N, 54°39'W, 1222 m, ZMUC.

**Baffin Island:** ‘Paamiut’ PA2010-009 set 167 (2), 66°23'32.75"N, 57°49'23.09"W, 564 m; set 168 (1), 66°25'41.05"N, 57°42'5.11"W, 563 m, BIO, UPSZMC 78255 (subsample of a specimen from set 167).

**Flemish Cap and the Grand Banks:** **“**NEREIDA 2009-2010”, BIO, IEO, UPSZMC; field#DR18-057, 47°15'42.72"N, 43°31'51.67"W, 1079 m, UPSZMC 78254; field#DR64-20c, 46°25'25.62"N, 44°50'44.78"W, 1091 m, UPSZMC 78256; field#DR70-29a, 45°53'12.04"N, 46°33'22.18"W, 916 m, UPSZMC 78257.

*Geodia phlegraei* (Sollas, 1880)

In purple, specimens originally identified as *G. phlegraei* but which could be *G. parva*. We have not been able to check these specimens.

**Material.**

**Fram Strait**: ‘Polarstern’ St. 223 (3), 81°48'N, 10°28'W, 550 m, ZMUC.

**Spitsbergen**: AB321 Marine Benthic Fauna of Svalbard 2011, St. 544, 80°32.3115'N, 15°21.69708'E, 215 m, ZMBN 89719.

**Norway**: ‘Skalle oil field’, 71°50’N, 20°50’E, 310 m (footage of ROV). ‘Ecosystem Barents Sea 2007’, st. 2562 (2), 71°40'4.19"N, 23°11'16.19"E, 375 m, PC. ‘Håkon Mosby’ St. 93060602 (1), 71°02.76'N 22°38.56'E, 219 m; St. 93060612 (1), 70°19.87'N, 23°00.62'E, 164 m, ZMUC. Polarstern ARK-XXII/1a, St. 2-2 (1), large boxcore, 67°30.41'N, 9°25.60'E, 304 m; St. 14 (2), Jago dive 991, Røst reef, 67°29'N, 9°24'E, 282 m, PC247; St. 16 (1), Jago dive 993, Røst reef, 67°30.7'N, 9°26.50'E, 326 m; St. 27 (2), PC248, Jago dive 996, Trænadjupet, 66°58'N, 11°7'E, 290 m, ZMBN 85211. ‘GO Sars 2006’, St 1 (3), Røst reef, 66°55.87'N, 11°06.64'E, 319 m, ZMAPOR 21406b. Sula Ridge, 64°17'60"N, 7°53'E, PC151. Røberg, Trondheim Fjord, St. T8905125 (1), 63°35.50'N, 10°31.20'E, 100 m; St. 8905185 (6), 63°27.00'N, 9°57.80'E, 350 m; St. T9405276 (1), 63°32.36'N, 9°54.22'E, 500 m; St. T9405305 (1), 63°49.33'N 11°03.17'E, 225 m; St. T9406031 (5), 63°33.10'N, 10°16.00'E, 200 m; St. T9406032 (3), 63°33.18'N, 10°16.00'E, 100 m; St. T9406066 (12), 63°27.13'N, 9°57.76'E, 500 m, ZMUC. Selligrunnen, Trondheimsfjord, 63° 35'N, 10° 30'E, 45-80 m, VM 147925 (Vitendkapsmuseet in Trondheim). Korsfjord (many), near Bergen, 60°10'N, 5°10'E, 35-400 m. ZMUC, PC, ZMBN 77929. Steinneset, Langenuen, 59°52'60"N, 5°31'E, 25-175 m, PC111, PC123. ‘Håkon Mosby’ St. 237 (3), 59°07'N, 05°10'E, 160 m; St. 242 (4), 59°16'N, 04°56'E, 157 m, ZMUC.

**Skagerrack**: The Koster area, East of Ramsö (2), 58°49.8'N, 11°05.5'E, 130-85 m, ZMUC. Ramsö, ca 200 m, UPSZMC 7155, UPSZMC 7157. Ulvillarna (8), 58°49.2'N, 11°04.8'E, 225-150m. ZMUC.

**The Faroes**: BIOFAR Sts. 043 (4), 119 (1), 120 (10), 122 (21), 287 (1), 298 (5), 451 (2), 530 (2), 550 (3), 734 (40) (Nørrevang *et al.*, 1994), KLF, ZMUC. ‘Michael Sars’ St. 85 (9), 62°53'N, 9°06'W, 461 m.

**Mingulay Reef:** BIOSYS 2006, field#DR182/rest, 56°49'27.37"N, 7°22'7.07"W, 128-137 m, ZMAPOR 20404a; field#VG20-1/08, 56°49'24.06"N, 7°23'51.83"W, 139 m, ZMAPOR 20294.

**Iceland**: BIOICE St. 2293 (1), 62°27.86'N, 22°40.24'W, 1203 m; St. 2926 (1), 65°50.79'N, 28°46.45'W, 540 m. ‘Ingolf’ St. 78 (25), 60°37'N, 27°52'W, 1505 m; St. 90 (17), 64°45'N, 29°06'W, 1070 m, INHM, ZMUC.

**East Greenland:** ‘Paamiut’ St. 87PA0028 (4), 66°53'N, 30°11'W, 337 m; St. 87PA0067 (1), 65°06'N, 36°56'W, 228 m; ‘Ingolf’ St. 21 (2), 58°01'N, 44°45'W, 2505 m; St. 92 (22), 64°44'N, 32°52'W, 1838 m, ZMUC.

**West Greenland**: ‘Shinkai Maru’ St. 32 (1), 64°13.5'N, 54°42.1'W, 970 m, ZMUC.

**Flemish Cap and Orphan Knoll:** “NEREIDA 2009-2010”, BIO, IEO, DR24-69d, 46°41'39.2"N, 43°58'6.95"W, 1104 m, UPSZMC 78280; HUD2010-029, ROPOS Dive 1336-07 (1), 46°18.797'N, 44°33.7075'W, 2885 m, BIO; Dive R1340-04 (1), 50°6.716'N, 45°19.1989'W, 3000 m. BIO, UPSZMC 78308; Dive 1341-18 (1), 50°3.5363'N, 45°36.383'W, 2347 m, BIO.

*Geodia parva* Hansen, 1885

In purple, specimens originally identified as *G. phlegraei* but which could be *G. parva*. We have not been able to check these specimens.

**Spitsbergen**: ‘Polarstern Ark XV-3’, Svaldbard Boreas Basin, 75°01'05''N, 12°25'07''E, 1000 m, ZMAPOR16755.

**Schultz Massive Seamount: ‘**BIODEEP2007’, ROV10, lower slope of seamount, 73°47.38'N, 7°40.41'E, 1997 m, ZMBN 85210, PC201, PC204. ‘H2DEEP2008’, ROV5, top of seamount, 73°49'N, 7°34'E, 688 m, PC544.

**Norwegian Sea:** ‘CGB 2011’, field#11c-30-DR 05 (4), 68°16.608'N, 08°49.144'W, 1057 m, PC.

**The Faroes**: St. l02 (1), 63°13'N, 6°32'W, 1833 m.

**Iceland**: BIOICE St. 2022 (6), 66°36.69'N, 12°43.32'W, 325 m; St. 2023 (6), 66°33.23'N, 13°15.26'W, 294 m; St. 2368 (1), 64°39.00'N, 9°38.00'W, 790 m; St. 2499 (13), 66°18.32'N, 26°30.66'W, 629 m; St. 2501 (52), 66°25.24'N, 25°50.32'W, 630 m; 2516 (27), 66°36.85'N, 25°22.69'W, 680 m; 2518 (47), 66°36.94'N, 25°33.59'W, 749 m; St. 2923 (4), 65°43.63'N, 29°07.99'W, 704 m; St. 90 (17), 64°45'N, 29°06'W, 1070 m, INHM, ZMUC. ‘IceAge 2011’, ME853/1123-1 (8), 67°12.84'N, 26°11.95'W, 721-727 m; ME853/1219-1 (2), 66°17,49'N, 12°21,15'W, 609-622 m; ME853/1136-1 (4), 66° 17,72' N, 12° 21,76' W, 662-730 m, PC.

**East Greenland:** ‘Shinkai Maru 1987’ St. 67 (1), 65°06'N, 36°56'W, 216-228 m, ZMUC. ‘Paamiut’ St. 87PA0067 (1), 65°06'N, 36°56'W, 228 m; St. 90MA0200057 (photo of the catch), 67°33.7'N, 27°52.5'W, 292-289 m; St. 92PA0160002 (4), 67°32.8'N, 26°38.1'W, 300 m; St. 92PA0160005 (5), 67°06.9'N, 27°03.8'W, 371 m; St. 92PA0160014 (2), 66°08.9'N, 29°10'W, 306 m; St. 92PA0160028 (7), 66°44.2'N, 28°16.5'W, 314 m; St. 92PA0160052 (2), 66°07.5'N, 32°36.7'W, 274-313 m; St. 94PA0090001 (277), 67°24.7'N, 26°38.1'W, 306 m; St. 94PA0090002 (411), 67°37.4'N, 27°50.3'W, 274 m; St. 94PA0090009 (286), 67°13.6'N, 30°32.9'W, 441 m; St. 94PA0090019 (5), 65°43.1'N, 34°23.7'W, 360 m; St. 94PA0090020 (8), 66°02.0'N, 32°46.4'W, 282 m; St. 94PA0090043 (226), 66°54.3'N, 27°44.8'W, 372 m; St. 94PA0090045 (9), 66°40.8'N, 27°00.7'W, 454 m; St. 94PA0090062 (536), 67°09.1'N, 30°32.3'W, 467 m. ‘Ingolf’ St. 21 (2), 58°01'N, 44°45'W, 2505 m; St. 92 (22), 64°44'N, 32°52'W, 1838 m; St. 125 (1), 68°08'N, 16°02'W, 1334 m, ZMUC. ‘Håkon Mosby’ St. 86072701 (5), 70°42.2'N, 11°50.2'W, 413 m, ZMUC. ‘Zool. Polar. Exp. 1900’, St. 30 (24), 72°23'N, 13°50'W, 1900 m, UPSZMC.

**West Greenland**: ‘Shinkai Maru’ St. 004 (1), 63°20.7'N, 53°42.4'W, 1074 m; St. 109 (2), 69°34.8'N, 58°48.7'W, 580 m; St. 70 (1), 66°44.5'N, 57°39.2'W, 668 m, ZMUC.

**Baffin Island:** ‘Paamiut’ PA2010-009, set 104 (1), 67°2'16.73"N, 60°30'25.85"W, 663 m; Set 105 (2), 66°50'9.49"N, 60°29'48.59"W, 567 m; set 108, 66°30'1.01"N8, 60°9'32.94"W, 530 m; set 111, 66°29'55.32"N, 59°39'51.19"W, 780 m; set 113 (3), 66°37'9.41"N, 60°5'57.19"W, 587 m; set 114 (3), 66°43'43.03"N, 59°58'45.23"W, 714 m; set 115 (3), 66°50'36.6"N, 59°59'49.81"W, 782 m; set 116 (1), 67°7'11.71"N, 59°58'23.16"W, 1049 m; set 155 (2), 66°48'51.48"N, 58°27'21.49"W, 847 m; set 156 (2), 66°51'6.37"N, 58°3'49.07"W, 853 m; set 159 (1), 66°42'50.47"N, 58°31'28.63"W, 755 m; set 160 (1), 66°36'15.3"N, 58°37'41.7"W, 719 m; set 161 (1), 66°33'15.84"N, 58°58'2.21"W, 787 m; set 162 (1), 66°30'42.59"N, 58°50'2.94"W, 721 m; set 163 (1), 66°19'31.8"N, 58°51'0.97"W, 667 m; set 164 (1), 66°20'32.71"N, 58°43'11.35"W, 652 m; set 168 (3), 66°25'41.05"N, 57°42'5.11"W, 563 m, BIO, UPSZMC 78275-78276 (specimens from set 161).

**Flemish Cap, the Grand Banks and Orphan Knoll**: “NEREIDA 2009-2010”, BIO, IEO. field#DR06-050B (2), DR06-048, 48°17'29.34"N, 44°3'39.29"W, 1348 m, UPSZMC 78271-78272-78273; DR07-43, 48°15'22.69"N, 44°1'51.04"W, 1339 m, BIO; DR24-69a, 46°41'39.2"N, 43°58'6.95"W, 1104 m, UPSZMC 78279; DR70-28c, 45°53'12.04"N, 46°33'22.18"W, 916 m, UPSZMC 78277; DR74-09, 46°15'6.65"N, 46°55'10.06"W, 1055 m, UPSZMC 78278; BC4, 48º24.7868'N, 44º19.4415'W, 1180 m, BIO, UPSZMC 78274. HUD2010-029, ROPOS Dive R1340-12 (1), 50°6.5206'N, 45°19.4851'W, 2747 m. BIO, UPSZMC 78281.

Reference

**Nørrevang A, Brattegard T, Josefson AB, Sneli J-A, Tendal OS. 1994.** List of BIOFAR stations. *Sarsia* **79:** 165-180.