

The following supplement accompanies the article

Associations of demersal fish with sponge grounds on the continental slopes of the northwest Atlantic

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Table S1. Location and characteristics of the data records used for analyses

Trawl code (last 4 digits: year)	Latitude (dd)	Longitude (dd)	Average depth (m)	Total number of fish taxa (N = 34)	Standardized total biomass of 34 taxa (kg km ⁻¹)	Standardized total abundance of 34 taxa (number km ⁻¹)	Standardized sponge biomass (kg km ⁻¹)	Sponge catch weight class
3935892001	45.8550	-46.4517	1202	17	50.95	428.00	35.505	Medium
3941252002	44.8533	-48.8900	1377	16	123.16	415.00	1600.000	High
3960932005	42.9450	-49.5867	1190	12	154.64	787.00	1.440	Low
3968342006	48.2467	-48.6250	874	14	183.40	200.00	0.224	Low
3975132007	44.9433	-48.7083	1377	11	54.29	848.00	240.000	Medium
3975162007	45.4483	-48.1617	1361	17	49.98	676.44	12.375	Medium
3975172007	45.5517	-48.2617	871	13	86.92	347.56	15.600	Medium
3975182007	45.5483	-48.2133	999	13	110.71	1244.80	9.640	Low
3975192007	45.5833	-48.0650	1245	12	68.14	500.00	202.500	Medium
3975222007	47.8817	-46.4217	1178	16	79.76	594.67	15.995	Medium
30487342003	46.9033	-47.2167	630	15	77.99	728.00	4.100	Low
30558342004	43.4883	-49.1767	601	13	171.86	661.00	8.880	Low
30558712004	45.8067	-47.8733	629	16	164.71	110.00	2.200	Low
30628182005	45.9983	-47.6817	589	13	54.56	192.00	31.400	Medium
30630372005	46.5183	-47.0400	676	13	137.74	244.00	3.320	Low

30705342006	43.1083	-49.5100	587	13	207.97	587.00	6.255	Low
30707212006	48.0983	-48.2933	610	15	3652.14	16.00	0.990	Low
30707332006	48.8000	-49.8500	614	14	229.82	210.00	0.720	Low
30771612007	43.3250	-49.2733	578	12	70.57	250.29	0.256	Low
30772332007	45.5617	-48.3217	603	14	190.76	126.22	1.296	Low
30772492007	46.5550	-47.0850	634	15	171.84	197.00	12.950	Medium
39357362001	44.5333	-48.9183	1384	14	172.69	41.00	16.400	Medium
39357382001	44.9000	-48.7983	1410	10	39.04	96.00	3200.000	High
39357402001	45.0550	-48.6500	1245	16	74.73	40.00	450.000	High
39357412001	45.3550	-48.3067	1352	18	112.63	167.27	400.000	High
39357432001	45.5883	-47.8400	1358	16	100.05	275.00	800.000	High
39357462001	45.9767	-47.5200	1168	7	6.31	268.44	350.000	High
39357472001	45.9333	-47.5917	1015	15	123.27	70.00	400.000	High
39357482001	46.2850	-46.9033	965	13	162.74	84.00	490.000	High
39358132001	46.3317	-46.6150	956	15	26.20	156.00	3.560	Low
39358162001	45.3370	-48.1930	1215	3	33.14	333.00	1600.000	High
39358172001	46.3330	-47.0510	1196	4	55.25	569.60	1200.000	High
39358372001	47.5930	-46.5440	1341	3	15.95	140.57	1600.000	High
39358402001	44.3200	-48.5510	1360	5	70.04	278.00	3300.000	High
39412142002	44.5400	-48.4790	1310	18	79.22	243.43	23.625	Medium
39412152002	45.0330	-48.3900	1170	8	50.20	402.29	800.000	High
39412162002	45.2130	-48.1840	1037	9	49.30	497.00	400.000	High
39412182002	45.3530	-47.5040	1029	9	99.46	330.00	1600.000	High

39412222002	45.5860	-47.3120	960	14	130.07	604.00	78.400	Medium
39412232002	45.5600	-47.3550	1314	13	76.18	515.00	1.775	Low
39412262002	46.1710	-46.5420	1358	9	40.54	393.00	700.000	High
39412272002	46.1990	-46.3690	1208	16	54.32	232.00	23.400	Medium
39412282002	46.4040	-46.5530	1403	14	22.29	144.00	5.810	Low
39412292002	46.4840	-46.5870	1197	16	72.94	195.43	6.055	Low
39412352002	48.4570	-45.3570	1211	15	102.96	93.71	111.840	Medium
39412372002	48.2070	-46.3330	1145	17	69.86	326.00	20.040	Medium
39513432004	45.4210	-47.3840	985	16	173.34	295.00	0.200	Low
39513662004	45.5520	-47.3450	1168	15	114.14	463.00	9.800	Low
39513782004	45.5680	-47.3460	1162	14	120.53	238.00	57.200	Medium
39513852004	46.1190	-47.1060	1280	13	74.88	934.00	400.000	High
39513862004	46.1950	-47.0130	1353	15	88.66	343.00	640.000	High
39513882004	46.1110	-46.5500	1446	13	84.39	296.00	2800.000	High
39513892004	45.5300	-46.1180	1385	10	30.70	425.00	215.600	Medium
39513902004	46.0170	-46.1420	1013	12	164.93	330.00	39.720	Medium
39513922004	46.1200	-46.1060	816	16	131.28	465.00	6.640	Low
39513932004	46.1420	-46.0760	801	16	186.46	410.00	3.440	Low
39513942004	46.4880	-46.5450	1221	12	37.59	528.00	10.600	Medium
39609112005	47.0450	-46.5770	1373	19	47.36	196.44	45.880	Medium
39609132005	48.4070	-49.3240	1355	12	45.44	719.00	253.440	Medium
39682562006	48.2230	-45.5370	1303	15	92.02	619.00	0.672	Low
39682632006	47.2000	-46.4070	1353	15	129.37	611.00	0.320	Low

39682652006	45.5460	-46.1210	1205	13	64.36	419.56	0.200	Low
39682672006	48.6433	-49.5700	828	14	112.03	307.43	0.400	Low
39683112006	48.4900	-46.1483	1355	12	49.90	347.56	648.000	High
39683152006	48.5367	-45.6767	1159	18	119.45	404.00	0.840	Low
39683192006	48.1150	-46.3050	1167	14	68.42	500.00	0.600	Low
39683292006	47.4033	-46.7533	1161	19	82.41	613.00	2.640	Low
39683322006	47.0633	-46.9550	1162	15	94.89	302.86	47.520	Medium
39683332006	46.9517	-46.9367	1186	18	58.32	151.00	52.920	Medium
39683342006	46.9083	-47.1350	940	12	112.20	632.00	0.396	Low
39683352006	46.9200	-46.6933	818	17	78.36	501.00	5.800	Low
39683362006	46.8100	-46.6250	908	18	151.34	563.00	0.840	Low
39683372006	46.6633	-46.7067	978	16	70.61	130.00	2.080	Low
39683392006	46.4617	-46.3533	953	16	65.21	213.09	0.231	Low
39683412006	46.0250	-46.2383	1131	12	26.52	1220.00	4.000	Low
39683422006	46.3533	-47.1150	875	14	153.16	536.00	9.600	Low
39683432006	46.4800	-47.0733	888	16	231.21	190.22	5.840	Low
39750292007	42.9450	-49.5883	1176	13	180.49	211.00	3.400	Low
39751112007	45.7633	-47.7533	1153	15	97.87	597.00	80.000	Medium
39751132007	46.2117	-47.0833	1058	16	198.48	302.00	5.000	Low
39751142007	46.2217	-46.9900	1369	16	118.43	69.00	803.440	High
39751152007	46.3150	-46.9067	827	7	27.13	470.00	400.000	High
39751162007	46.0983	-47.4183	846	10	69.08	418.00	172.000	Medium
39751172007	46.2483	-46.6467	941	15	95.25	182.00	0.400	Low

39751182007	45.8500	-46.2883	1370	12	31.73	81.78	40.000	Medium
39751192007	45.9300	-46.1817	1262	12	28.68	369.00	101.970	Medium
39751202007	46.2083	-46.1850	1369	14	95.92	195.00	2.600	Low
39751212007	46.2317	-46.1250	1217	14	54.18	387.00	1.040	Low
39751222007	46.4000	-46.2767	930	14	120.49	271.11	1.680	Low
39751242007	46.6217	-46.9167	1243	16	89.42	247.11	109.521	Medium
39751252007	46.8233	-46.8550	1213	15	65.87	762.67	10.890	Medium
39751272007	46.9933	-47.0000	1157	12	104.52	571.00	23.625	Medium
39751282007	47.0517	-46.6150	768	16	86.25	540.57	1.600	Low
39751292007	47.0767	-46.6600	928	15	106.16	387.00	4.130	Low
39751302007	47.1633	-46.8033	1162	14	78.05	625.00	15.760	Medium
39751312007	47.3817	-46.9467	1067	13	81.56	526.40	1.184	Low
39751332007	47.3283	-46.4850	824	16	73.93	430.86	3.740	Low
39752112007	48.9500	-45.2200	1378	13	29.44	152.00	350.000	High
39752122007	48.8200	-45.5300	1404	12	83.96	168.00	900.000	High
39752212007	48.3617	-48.7300	1249	14	117.50	545.00	0.720	Low
39752232007	48.5333	-49.4533	812	15	69.03	584.00	1.715	Low
39752242007	48.6633	-49.2367	1404	12	111.72	435.00	1.584	Low
39752252007	48.6733	-49.5400	964	14	82.73	462.40	0.290	Low
39752272007	48.8900	-49.5467	1420	16	96.69	702.86	0.735	Low
