Supplementary Table. List of observed species and taxa from Hardangerfjord. Relative abundances are given as the number of field sequences with occurrence of the different species and *N*, the number of individuals and colonies. X indicates presence without attempts to count. Depth is given as mean with range in parentheses. Indet. = not identified to lower systematic levels.

	Taxa	**Field sequences**	***N* (ind & col)**	**Depth**
Algae				
	Litothamnium sp.	1	121	52 (50-54)
Foraminifera				
	Rhabdammina sp.	14	X	299 (131-417)
	Foraminifera indet.	5		326 (287-346)
	Foraminifera indet. sand test	8	X	284 (132-403)
	Foraminifera indet. calcareous	34	X	286 (148-427)
	Foraminifera indet. yellow	44		298 (88-426)
	Pelosina arborescens	13	X	300 (115-417)
Porifera				
	Antho dichotoma	26	148	198 (124-352)
	Aplysilla sulfurea	5	23	206 (133-323)
	Asbestopluma pennatula	1	1	215
	Axinella infundibuliformis	78	35	188 (50-416)
	Axinellidae indet.		2172	187 (50-364)
	Craniella zetlandica	2		139
	Geodia atlantica	1		127
	Geodia baretti	1		199
	Geodia spp.	10	94	170 (132-359)
	Geodia macandrewi	1		202
	Mycale lingua	28	491	200 (85-347)
	Phakellia ventilabrum	104	27	233 (81-410)
	Polymastidae indet.		9	223 (147-402)
	Porifera indet. encrusting	31	X	243 (105-410)
	Porifera encrusting (cf. *Hymedesmia paupertas*)	65	X	214 (79-383)
	Porifera indet. branched	8	1	218 (124-395)
	Porifera indet. large	1	41	321
	Porifera indet. large white	1	44	222 (133-320)
	Porifera indet. round hairy	7		249 (172-338)
	Porifera indet. small	5	189	211 (133-357)
	Porifera indet. small white	2	X	175 (132-350)
	Porifera indet. small yellow	2	26	244 (206-343)
	Porifera indet. small round yellow	1	58	327 (206-402)
	Porifera indet. small round brown		60	347 (330-357)
	Porifera indet.	84	75	266 (80-421)
	Porifera indet. white	2	X	223 (99-402)
	Porifera indet. yellow	8		267 (134-421)
	Thetya sp.		22	136 (135-138)
	Stelletta grubei	7		332 (278-390)
	Stryphnus phlaegraei	1	1	322
	Stylocordyla borealis	28		325 (119-414)

Taxa	Field seqences	N (ind & col)	Depth
Cnidaria			
Anthozoa indet.	1		169
Octocorallia indet.	3	61	171 (134-214)
Hydrozoa			
Corymorpha nutans	22	3	244 (105-364)
Hydrozoa indet.	13	14	212 (87-456)
Hydrozoa cf. *Kirchenpaueria*		20	280 (239-402)
Stylasteridae indet.	1		206
Actiniaria			
Actiniaria indet.	29	211	251 (80-404)
Actinostola cf. *callosa*	1	1	401
Adamsia palliata	1		124
Bolocera tuediae	18	11	231 (86-403)
Cerianthidae indet.	47	1436	330 (134-457)
Hormatidae indet.	1	1	320
Protanthea simplex		349	250 (200-386)
Zoanthidae indet.	2		169 (134-204)
Alcyonacea			
Anthomastus grandiflorus	7		371 (339-418)
Gorgonacea			
Clavularia borealis	1		140
Gorgonacea indet.	7	2	270 (214-339)
Isidella lofotensis	33	192	344 (243-437)
Paragorgia arborea	16	27	245 (132-438)
Paramuricea placomus	12	37	206 (135-340)
Swiftia pallida	1	4	294 (214-320)
Pennatulacea			
Funiculina quadrangularis	54	480	199 (56-430)
Halipteris finmarchia	1	1	217
Kophobelemnon stelliferum	37	296	291 (183-436)
Pennatula phosphorea	10	51	150 (51-333)
Pennatulacea indet.	25	11	263 (131-408)
Virgularia mirabilis	30	882	226 (50-404)
Scleractinia			
Lophelia pertusa	11	7	201 (136-240)
Nemertea			
Nemertea indet.	6	7	207 (138-221)
Polychaeta			
Aphroditoidea indet.		1	226
Chaetopterus sp.	12		217 (130-368)
Ditrupa arietina	1		385
Eunice sp.	1		146
Filograna implexa	3		86 (78-94)
Polychaeta indet.	8		215 (127-323)

Taxa	Field seqences	N (ind & col)	Depth
Polychaeta errantia indet.	2	9	222 (214-267)
Polychaeta indet. sand tube	1		88
Polychaeta indet. tube		124	222 (146-284)
Polynoidae indet.	4		302 (225-417)
Pomatoceros triqueter	1		130
Sabella penicillus	9	6	194 (87-334)
Sabellidae indet.	1	5	201 (118-220)
Serpulidae indet.	8	4	229 (132-385)
Terebellidae indet.		1	320
Brachiopoda			
Brachiopoda indet.	5	26	151 (87-215)
Novocrania anomala	4	3	302 (131-403)
Terebratulina retusa		1	402
Bryozoa			
Bryozoa indet.	3		243 (87-321)
Bryozoa branched	3	1	245 (105-320)
Bryozoa encrusting	1		130
Crisidae indet.	1		134
Dendrochirotacea indet.		1	210
Hornera cf. *lichenoides*	4		136 (131-140)
Reteporella beaniana	4	9	169 (134-320)
Echiura			
Bonellia viridis	24	41	258 (131-420)
Mollusca			
Polyplacophora indet.			
Chitonida indet.	1	1	133
Bivalvia			
Acesta excavata	27	395	263 (175-378)
Anomidae indet.	1	3	209 (284-284)
Astarte sp.		1	320
Bivalvia indet.	3		158 (99-253)
Chlamys sp.	3		157 (133-204)
Pseudamussium pelustrae	1		135
Gastropoda			
Prosobranchia indet.	4	1	234 (134-370)
Calliostoma sp.	1		134
Cephalopoda			
Octopoda indet.	7	1	273 (170-332)
Crustacea			
Cirripedia			
Cirripedia indet.	1		215
Scalpellidae indet.	1		320
Amphipoda			
Amphipoda indet.	1	7	195 (146-343)

Taxa	Field seqences	N (ind & col)	Depth
Amphipoda on hydrozoan	1		147
Amphipoda on *Isidella*	2		305 (266-345)
Amphipoda red	1		386
Amphipoda white	2		363 (340-386)
Isopoda			
Isopoda indet.		1	206
Munnopsidae indet.	1	1	266
Decapoda			
Brachyura indet.	2		311 (306-315)
Calocaris macandreae	2	1	306 (192-345)
Caridea indet.		196	311 (116-402)
Crangonidae indet.	14	1	339 (126-413)
Galatheidae indet.		2	324 (311-336)
Lithodes maja	13	9	191 (124-370)
Munida sp.	182	5646	255 (86-427)
Munidopsis serricornis	1	18	147 (146-147)
Paguridae indet.	21	8	231 (87-403)
Nephrops norvegicus	19	7	213 (130-334)
Pandalidae indet.	111		277 (87-447)
Pandalus propinquus	1	1	146
"Scaphopoda crustacean"	3		131 (78-215)
Echinodemata			
Crinoidea			
Crinoidea indet.	2		212 (87-337)
Asteroidea			
Asterias rubens	1		88
Asteroidea indet.	44	105	260 (81-458)
Astropectenidae indet.	2		223 (215-232)
Ceramaster granularis	56	196	202 (52-381)
Henricia spp.	97	521	216 (53-435)
Hippasteria phrygiana	10	27	221 (50-389)
Porania pulvillus	6	4	262 (188-341)
Poranidae indet.	2		363 (324-403)
Pteraster sp.		1	131
Stichastrella rosea	3	1	196 (87-240)
Echinoidea			
Echinoidea (regular) indet.	15	2	157 (128-248)
Echinus sp.	48	84	223 (84-435)
Echinus acutus	1		88
Ophiuroidea			
Brisinga endecacnemos	8		362 (278-430)
Gorgonocephalus caputmedusae	4	2	163 (138-215)
Ophiuroidea indet.	63	532	299 (87-438)

Taxa	Field seqences	N (ind & col)	Depth
Holothuroidea			
Bathyplotes natans	30	14	331 (133-431)
Holothuroidea indet.	11	4	318 (165-416)
Mesothuria intestinalis	50	133	241 (105-452)
Parastichopus tremulus	154	1057	241 (65-457)
Psolus squamatus	105	938	233 (82-456)
Chordata			
Tunicata			
Ascidiacea solitary	7	11	228 (87-402)
Ascidiacea colonial	5	6	254 (133-402)
Ciona intestinalis	2		153 (87-220)
Teleostei			
Argentina silus	6		262 (132-328)
Argentina sp.		1	333
Argentina sphyraena	1		159
Brosme brosme	11	2	282 (130-424)
Chimaera monstrosa	54	27	263 (113-441)
Coryphaenoides rupestris	3	23	358 (322-403)
Dipturus oxyrinchus	1	1	269 (207-331)
Dipturus sp.		1	322
Etmopterus spinax	20	19	204 (95-402)
Gadiculus argenteus	19		240 (88-400)
Gadidae indet.	2	3	197 (147-244)
Gadhus morhua	1	2	109 (124-144)
Galeus melastomus	19	8	203 (129-390)
Glyptocephalus cynoglossus		1	344
Helicolenus dactylopterus	1		216
Lepidorhombus whiffiagonis	11		233 (158-334)
Lumpenus lampretaeformis	4		353 (308-435)
Lycodes sp.		2	252 (147-357)
Maurolicus muelleri		19	307 (151-403)
Melanogrammus aeglefinus	1		84
Merlangius merlangus	1		129
Micromesistius poutassou	1		225
Microstomus kitt	6		256 (131-377)
Molva dypterygia	7	3	333 (156-452)
Molva molva	24	5	257 (112-443)
Molva sp.		1	154
Myctophidae indet.		1	311
Myxine glutinosa	16	20	260 (128-334)
Pleuronectidae indet.		2	214 (196-232)
Pleuronectiformes indet.	37	44	215 (68-415)
Pollachius pollachius	1		125
Pollachius virens	9	23	140 (89-161)

Taxa	Field seqences	N (ind & col)	Depth
Rajella fyllae		2	247 (147-347)
Rajidae indet.	14	5	219 (149-405)
Sebastes sp.	59	2	218 (55-291)
Sebastes viviparus	1	208	187 (51-303)
Selachii indet.		1	395
Solea solea	6		199 (131-279)
Squaliformes indet.	6		256 (131-383)
Squalus acanthias	3		298 (234-403)
Teleostei indet.	19	81	181 (52-395)
Teleostei indet. (small)	5	6	194 (63-396)
Trisopterus esmarkii	3	2	146 (133-172)
Trisopterus minutus	2		171
Sum	169	123	
Sum all taxa	195		