

Faunal trophic structure at hydrothermal vents on the southern Mohn's Ridge, Arctic Ocean

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Supplement. Additional data

Table S1. Isotopic signatures ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) of all fauna from the 5 study sites in Trollveggen (Troll) and (D–E) Gallionella Garden (Gall) at the southern Mohn's Ridge. HT: high temperature vent, LT: Low T vent, NHT: near HT vent, NV: non-vent

Sample	Site	Taxa	$\delta^{13}\text{C}$ (‰)	$\delta^{15}\text{N}$ (‰)
08B-11-ROV3	Troll-HT	<i>Pseudosetia griegi</i> (Gastropoda)	–34.3	3.3
08B-11-ROV3	Troll-HT	<i>Pseudosetia griegi</i> (Gastropoda)	–34.2	3.8
08B-11-ROV3	Troll-HT	<i>Pseudosetia griegi</i> (Gastropoda)	–33.5	2.3
08B-43-ROV9	Troll-LT	Actinaria (Cnidaria)	–21.1	10.8
08B-43-ROV9	Troll-LT	Actinaria (Cnidaria)	–21.7	8.2
08B-43-ROV9	Troll-LT	Allogromida	–25.9	3.0
08B-43-ROV9	Troll-LT	Amphipoda	–25.3	6.5
08B-43-ROV9	Troll-LT	Amphipoda	–22.7	7.0
08B-43-ROV9	Troll-LT	Amphipoda	–24.0	8.1
08B-43-ROV9	Troll-LT	Amphipoda	–23.6	8.4
08B-43-ROV9	Troll-LT	Amphipoda	–23.9	8.4
08B-43-ROV9	Troll-LT	Amphipoda	–23.4	8.7
08B-43-ROV9	Troll-LT	Amphipoda	–22.8	8.8
08B-43-ROV9	Troll-LT	Amphipoda	–22.5	9.4
08B-43-ROV9	Troll-LT	<i>Buccinum</i> sp. (Gastropoda)	–21.4	9.7
08B-43-ROV9	Troll-LT	<i>Capitella</i> sp. (Capitellidae, Polychaeta)	–17.5	6.2
08B-43-ROV9	Troll-LT	<i>Capitella</i> sp. (Capitellidae, Polychaeta)	–17.1	6.3
08B-43-ROV9	Troll-LT	<i>Capitella</i> sp. (Capitellidae, Polychaeta)	–14.4	6.6
08B-43-ROV9	Troll-LT	<i>Capitella</i> sp. (Capitellidae, Polychaeta)	–14.6	6.6
08B-43-ROV9	Troll-LT	<i>Capitella</i> sp. (Capitellidae, Polychaeta)	–16.1	6.7
08B-43-ROV9	Troll-LT	<i>Capitella</i> sp. (Capitellidae, Polychaeta)	–15.7	7.0
08B-43-ROV9	Troll-LT	<i>Capitella</i> sp. (Capitellidae, Polychaeta)	–15.3	7.4
08B-43-ROV9	Troll-LT	Capitellidae (Polychaeta)	–16.9	6.5

08B-35-BC5	Troll-LT	Capitellidae (Polychaeta)	-19.7	10.6
08B-43-ROV9	Troll-LT	Caprellidae (Amphipoda)	-23.6	8.1
08B-43-ROV9	Troll-LT	<i>Cibicides</i> sp. (Foraminifera)	-13.7	7.2
08B-43-ROV9	Troll-LT	<i>Cirratulus incertus</i> (Cirratulidae, Polychaeta)	-23.3	5.1
08B-43-ROV9	Troll-LT	<i>Cirratulus incertus</i> (Cirratulidae, Polychaeta)	-23.2	5.2
08B-43-ROV9	Troll-LT	<i>Cirratulus incertus</i> (Cirratulidae, Polychaeta)	-20.9	7.1
08B-43-ROV9	Troll-LT	Cnidaria	-23.5	6.9
08B-43-ROV9	Troll-LT	<i>Corymorpha groenlandica</i> (Hydrozoa)	-24.9	7.0
08B-43-ROV9	Troll-LT	Echinodermata	-20.1	11.6
08B-43-ROV9	Troll-LT	<i>Eukrohnia hamata</i> (Chaetognatha)	-22.2	7.7
08B-43-ROV9	Troll-LT	Euphausiidae	-21.9	7.0
08B-43-ROV9	Troll-LT	Euphausiidae	-21.7	7.1
08B-43-ROV9	Troll-LT	<i>Harmothoe fragilis</i> (Polynoidae, Polychaeta)	-23.3	7.8
08B-43-ROV9	Troll-LT	<i>Harmothoe fragilis</i> (Polynoidae, Polychaeta)	-21.6	8.5
08B-43-ROV9	Troll-LT	<i>Harmothoe fragilis</i> (Polynoidae, Polychaeta)	-21.4	9.0
08B-43-ROV9	Troll-LT	<i>Harmothoe fragilis</i> (Polynoidae, Polychaeta)	-21.5	9.4
08B-43-ROV9	Troll-LT	<i>Harmothoe fragilis</i> (Polynoidae, Polychaeta)	-21.1	10.2
08B-43-ROV9	Troll-LT	Harpacticoida	-18.1	4.6
08B-43-ROV9	Troll-LT	Hydrozoa	-24.6	7.1
08B-43-ROV9	Troll-LT	Hydrozoa	-23.2	7.3
08B-43-ROV9	Troll-LT	Hydrozoa	-23.6	7.4
08B-43-ROV9	Troll-LT	Hydrozoa	-23.6	8.2
08B-43-ROV9	Troll-LT	Nemertea	-23.0	11.5
08B-43-ROV9	Troll-LT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	-23.0	4.9
08B-43-ROV9	Troll-LT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	-23.9	6.2
08B-43-ROV9	Troll-LT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	-22.1	8.2
08B-43-ROV9	Troll-LT	Polynoidae (Polychaeta)	-23.1	8.9
08B-43-ROV9	Troll-LT	<i>Pseudosetia griegi</i> (Gastropoda)	-21.0	1.5
08B-43-ROV9	Troll-LT	<i>Pseudosetia griegi</i> (Gastropoda)	-22.3	1.7
08B-43-ROV9	Troll-LT	<i>Pseudosetia griegi</i> (Gastropoda)	-18.3	2.6
08B-43-ROV9	Troll-LT	<i>Pseudosetia griegi</i> (Gastropoda)	-23.3	3.0
08B-43-ROV9	Troll-LT	<i>Pseudosetia griegi</i> (Gastropoda)	-19.0	3.7
08B-43-ROV9	Troll-LT	Pycnogonida	-23.6	10.4
08B-43-ROV9	Troll-LT	Pycnogonida	-23.1	11.8
08B-43-ROV9	Troll-LT	<i>Skenea basistriata</i> (Gastropoda)	-28.6	6.5
08B-43-ROV9	Troll-LT	<i>Skenea basistriata</i> (Gastropoda)	-27.9	7.0
08B-43-ROV9	Troll-LT	<i>Sycon</i> sp. (Porifera)	-26.4	6.7
08B-43-ROV9	Troll-LT	<i>Sycon</i> sp. (Porifera)	-21.8	8.2
08B-43-ROV9	Troll-LT	Tanaidacea	-23.0	7.0
08B-43-ROV9	Troll-LT	Terebellidae (Polychaeta)	-22.2	7.8
08B-43-ROV9	Troll-LT	Turbellarian	-16.4	9.4
08B-43-ROV9	Troll-LT	Unk. Polychaete	-28.2	3.9
08B-27-BC4	Troll-NHT	Ampharetidae (Polychaeta)	-23.7	6.8
08B-27-BC4	Troll-NHT	Amphipoda	-26.3	5.6
08B-27-BC4	Troll-NHT	Amphipoda	-25.3	5.7
08B-27-BC4	Troll-NHT	Amphipoda	-21.2	6.4
08B-24-BC3	Troll-NHT	Amphipoda	-22.0	6.4
08B-27-BC4	Troll-NHT	Amphipoda	-25.2	6.6
08B-24-BC3	Troll-NHT	Amphipoda	-19.6	8.5

08B-24-BC3	Troll-NHT	<i>Amphitrite</i> sp. (Terebellidae, Polychaeta)	-28.7	5.4
08B-27-BC4	Troll-NHT	<i>Capitella</i> sp. (Capitellidae, Polychaeta)	-16.9	5.9
08B-27-BC4	Troll-NHT	<i>Capitella</i> sp. (Capitellidae, Polychaeta)	-18.8	6.4
08B-27-BC4	Troll-NHT	<i>Capitella</i> sp. (Capitellidae, Polychaeta)	-21.7	7.4
08B-24-BC3	Troll-NHT	<i>Capitella</i> sp. (Capitellidae, Polychaeta)	-26.0	9.6
08B-24-BC3	Troll-NHT	Isopoda	-28.3	4.6
08B-24-BC3	Troll-NHT	Nemertea	-18.4	8.1
08B-27-BC4	Troll-NHT	Nemertea	-21.1	8.2
08B-24-BC3	Troll-NHT	Nemertea	-18.9	10.0
08B-27-BC4	Troll-NHT	<i>Ophryotrocha scarlatoi</i> (Dorvilleidae, Polychaeta)	-18.5	7.8
08B-24-BC3	Troll-NHT	<i>Pholoe assimilis</i> (Pholoidae, Polychaeta)	-25.1	1.6
08B-24-BC3	Troll-NHT	<i>Pholoe assimilis</i> (Pholoidae, Polychaeta)	-22.3	8.0
08B-27-BC4	Troll-NHT	<i>Pholoe assimilis</i> (Pholoidae, Polychaeta)	-23.5	9.3
08B-24-BC3	Troll-NHT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	-30.6	4.2
08B-27-BC4	Troll-NHT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	-25.5	4.4
08B-24-BC3	Troll-NHT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	-29.6	4.9
08B-27-BC4	Troll-NHT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	-24.7	4.9
08B-27-BC4	Troll-NHT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	-24.8	5.1
08B-24-BC3	Troll-NHT	Priapulida	-21.5	11.1
08B-27-BC4	Troll-NHT	<i>Pseudosetia griegi</i> (Gastropoda)	-24.0	4.6
08B-27-BC4	Troll-NHT	<i>Pseudosetia griegi</i> (Gastropoda)	-21.7	6.1
08B-24-BC3	Troll-NHT	Pycnogonida	-22.8	8.3
08B-27-BC4	Troll-NHT	Tanaidacea	-27.2	5.0
08B-27-BC4	Troll-NHT	Turbellaria	-19.5	6.0
08B-9-BC 2	Gall-LT	<i>Abyssoninoe scopa</i> (Lumbrineridae, Polychaeta)	-21.8	8.3
08B-9-BC 2	Gall-LT	<i>Abyssoninoe scopa</i> (Lumbrineridae, Polychaeta)	-21.9	8.5
08B-10-ROV2	Gall-LT	<i>Abyssoninoe scopa</i> (Lumbrineridae, Polychaeta)	-21.9	8.7
08B-9-BC 2	Gall-LT	<i>Abyssoninoe scopa</i> (Lumbrineridae, Polychaeta)	-20.6	10.4
08B-9-BC 2	Gall-LT	Allogromida	-23.9	3.0
08B-10-ROV2	Gall-LT	Amphipoda	-21.9	6.2
08B-9-BC 2	Gall-LT	Amphipoda	-21.2	12.9
08B-9-BC 2	Gall-LT	<i>Chaetozone</i> sp. (Cirratulidae, Polychaeta)	-21.7	6.8
08B-9-BC 2	Gall-LT	<i>Chaetozone</i> sp. (Cirratulidae, Polychaeta)	-21.9	6.9
08B-9-BC 2	Gall-LT	<i>Chaetozone</i> sp. (Cirratulidae, Polychaeta)	-21.7	7.0
08B-10-ROV2	Gall-LT	<i>Chone kroeyeri</i> (Sabellidae, Polychaeta)	-22.1	10.2
08B-9-BC 2	Gall-LT	Dorvilleidae (Polychaeta)	-18.1	7.4
08B-9-BC 2	Gall-LT	Enteropneusta	-20.3	9.5
08B-9-BC 2	Gall-LT	Harpacticoida	-22.0	8.9
08B-09-ROV1	Gall-LT	<i>Heliometra glacialis</i> (Crinoidea)	-14.5	9.1
08B-10-ROV2	Gall-LT	<i>Heliometra glacialis</i> (Crinoidea)	-22.7	9.1
08B-10-ROV2	Gall-LT	<i>Heliometra glacialis</i> (Crinoidea)	-19.9	9.9
08B-09-ROV1	Gall-LT	<i>Heliometra glacialis</i> (Crinoidea)	-21.7	10.6
08B-10-ROV2	Gall-LT	Isopoda	-32.3	1.8
08B-9-BC 2	Gall-LT	Isopoda	-27.1	7.6
08B-9-BC 2	Gall-LT	Maldanidae (Polychaeta)	-21.2	8.2
08B-9-BC 2	Gall-LT	<i>Melythasides laubieri</i> (Ampharetidae, Polychaeta)	-24.2	5.0
08B-9-BC 2	Gall-LT	Nematoda	-21.5	11.0
08B-9-BC 2	Gall-LT	Nematoda	-20.6	11.2
08B-10-ROV2	Gall-LT	<i>Nothria conchylega</i> (Onuphidae, Polychaeta)	-20.6	8.6

08B-10-ROV2	Gall-LT	<i>Nothria conchylega</i> (Onuphidae, Polychaeta)	-21.6	9.1
08B-10-ROV2	Gall-LT	<i>Nothria conchylega</i> (Onuphidae, Polychaeta)	-20.4	10.0
08B-9-BC 2	Gall-LT	<i>Notoproctus oculus arctica</i> (Maldanidae, Polychaeta)	-18.4	9.3
08B-9-BC 2	Gall-LT	<i>Notoproctus oculus arctica</i> (Maldanidae, Polychaeta)	-17.8	9.3
08B-9-BC 2	Gall-LT	Ophiuroidea	-18.9	9.4
08B-10-ROV2	Gall-LT	Ophiuroidea	-22.8	4.9
08B-10-ROV2	Gall-LT	Ophiuroidea	-21.3	5.7
08B-10-ROV2	Gall-LT	Ophiuroidea	-21.1	6.5
08B-10-ROV2	Gall-LT	Ophiuroidea	-22.2	6.8
08B-10-ROV2	Gall-LT	Ophiuroidea	-21.6	7.4
08B-10-ROV2	Gall-LT	Ophiuroidea	-22.0	8.8
08B-10-ROV2	Gall-LT	Ophiuroidea	-22.1	9.8
08B-9-BC 2	Gall-LT	Ophiuroidea	-20.3	10.0
08B-9-ROV1	Gall-LT	Ophiuroidea	-19.4	8.1
08B-9-ROV1	Gall-LT	Ophiuroidea	-21.8	9.7
08B-10-ROV2	Gall-LT	<i>Pholoe assimilis</i> (Pholoidae, Polychaeta)	-26.3	7.3
08B-10-ROV2	Gall-LT	<i>Pholoe assimilis</i> (Pholoidae, Polychaeta)	-20.8	9.4
08B-9-BC 2	Gall-LT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	-20.4	6.5
08B-9-BC 2	Gall-LT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	-23.1	6.3
08B-9-BC 2	Gall-LT	<i>Prionospio cirrifera</i> (Spionidae, Polychaeta)	-19.8	5.7
08B-9-BC 2	Gall-LT	<i>Prionospio cirrifera</i> (Spionidae, Polychaeta)	-20.9	6.1
08B-9-BC 2	Gall-LT	<i>Pseudoscalibregma parvum</i> (Scalibregmatidae, Polychaeta)	-19.4	9.0
08B-9-BC 2	Gall-LT	<i>Pseudoscalibregma parvum</i> (Scalibregmatidae, Polychaeta)	-18.6	9.9
08B-9-BC 2	Gall-LT	Sipunculan	-20.2	8.2
08B-10-ROV2	Gall-LT	Sphaerodoridae (Polychaeta)	-22.5	4.7
08B-10-ROV2	Gall-LT	Tanaidacea	-18.4	7.7
08B-9-BC 2	Gall-LT	<i>Thyasira</i> sp. (Bivalvia)	-27.9	6.2
08B-9-BC 2	Gall-LT	Turbellaria	-19.0	9.1
08B-9-BC 2	Gall-LT	Unk. Polychaete	-20.9	8.2
08B-9-BC 2	Gall-LT	Urochordata	-22.1	9.4
08B-5-BC 1	Gall-NV	<i>Abyssoninoe scopa</i> (Lumbrineridae, Polychaeta)	-20.9	11.8
08B-5-BC 1	Gall-NV	Allogromida	-23.2	7.6
03B-5-BC 1	Gall-NV	Amphipoda	-22.1	8.1
03B-5-BC 1	Gall-NV	<i>Astarte</i> sp. (Bivalvia)	-19.8	10.9
03B-5-BC 1	Gall-NV	<i>Astarte</i> sp. (Bivalvia)	-19.6	11.5
08B-5-BC 1	Gall-NV	<i>Chaetopteridae</i> (Polychaeta)	-22.2	5.7
08B-5-BC 1	Gall-NV	<i>Chaetopteridae</i> (Polychaeta)	-21.6	6.6
08B-5-BC 1	Gall-NV	<i>Chaetopteridae</i> (Polychaeta)	-21.4	7.0
08B-5-BC 1	Gall-NV	<i>Chaetozone</i> sp. (Cirratulidae, Polychaeta)	-24.4	6.1
08B-5-BC 1	Gall-NV	<i>Chaetozone</i> sp. (Cirratulidae, Polychaeta)	-22.5	6.6
03B-5-BC 1	Gall-NV	Cuspidaridae (Bivalvia)	-21.6	5.2
03B-5-BC 1	Gall-NV	<i>Diaphana</i> sp. (Bivalvia)	-19.6	10.9
08B-5-BC 1	Gall-NV	Enteropneusta	-21.5	9.2
08B-5-BC 1	Gall-NV	Harpacticoida	-22.5	7.4
08B-5-BC 1	Gall-NV	Holothuria	-19.7	8.1
08B-5-BC 1	Gall-NV	Maldanidae (Polychaeta)	-20.1	7.8
08B-5-BC 1	Gall-NV	<i>Melythasides laubieri</i> (Ampharetidae, Polychaeta)	-24.5	5.6
08B-5-BC 1	Gall-NV	Nematoda	-22.1	8.7
08B-5-BC 1	Gall-NV	Nematoda	-21.8	10.6

03B-5-BC 1	Gall-NV	Nemertea	-18.5	9.3
03B-5-BC 1	Gall-NV	Nemertea	-22.4	10.9
08B-5-BC 1	Gall-NV	<i>Nothria conchylega</i> (Onuphidae, Polychaeta)	-22.0	7.6
08B-5-BC 1	Gall-NV	<i>Notomastus latericeus</i> (Capitellidae, Polychaeta)	-18.5	12.1
08B-5-BC 1	Gall-NV	<i>Notoproctus oculus arctica</i> (Maldanidae, Polychaeta)	-19.9	7.9
08B-5-BC 1	Gall-NV	Onuphidae (Polychaeta)	-23.5	6.3
08B-5-BC 1	Gall-NV	Ophiuroidea	-30.0	2.8
08B-5-BC 1	Gall-NV	<i>Pholoe assimilis</i> (Pholoidae, Polychaeta)	-20.8	8.9
08B-5-BC 1	Gall-NV	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	-22.8	5.0
08B-5-BC 1	Gall-NV	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	-22.6	5.7
08B-5-BC 1	Gall-NV	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	-20.4	6.0
08B-5-BC 1	Gall-NV	Polynoidae (Polychaeta)	-21.3	5.5
08B-5-BC 1	Gall-NV	<i>Prionospio cirrifera</i> (Spionidae, Polychaeta)	-24.1	5.7
08B-5-BC 1	Gall-NV	<i>Prionospio cirrifera</i> (Spionidae, Polychaeta)	-20.6	7.2
08B-5-BC 1	Gall-NV	Protozoa	-23.6	0.9
08B-5-BC 1	Gall-NV	Protozoa	-24.2	3.4
08B-5-BC 1	Gall-NV	<i>Pseudoscalibregma parvum</i> (Scalibregmatidae, Polychaeta)	-19.1	9.5
08B-5-BC 1	Gall-NV	<i>Pseudoscalibregma parvum</i> (Scalibregmatidae, Polychaeta)	-17.8	11.3
03B-5-BC 1	Gall-NV	Pycnogonida	-22.4	10.4
03B-5-BC 1	Gall-NV	Pycnogonida	-22.3	12.0
03B-5-BC 1	Gall-NV	<i>Retusa</i> sp. (Gastropoda)	-21.0	9.5
08B-5-BC 1	Gall-NV	<i>Scoletoma</i> sp. (Lumbrineridae, Polychaeta)	-21.9	10.2
08B-5-BC 1	Gall-NV	Sipuncula	-19.9	10.1
03B-5-BC 1	Gall-NV	Tanaidacea	-25.4	7.4
03B-5-BC 1	Gall-NV	Thyasiridae (Bivalvia)	-19.2	8.9

Table S2. Minimum and maximum contributions (%) of 6 food-sources to faunal diets at each of the 5 sites studied in Trollveggen (Troll) and (D–E) Gallionella Garden (Gall) at the southern Mohn’s Ridge. HT: high temperature vent, LT: Low T vent, NHT: near HT vent, NV: non-vent. Unid. Bact: unidentified bacteria, SOB: sulfide oxidizing bacteria, SPOM: suspended particulate organic matter, Phyto: phytodetritus

Site	Taxa	Minimum % contribution						Maximum % contribution					
		Unid. Bact 1	Unid. Bact 2	SOB 1	SOB 2	SPOM	Phyto	Unid. Bact 1	Unid. Bact 2	SOB 1	SOB 2	SPOM	Phyto
Troll-HT	<i>Pseudosetia griegi</i> (Gastropoda)	0	0	0	60	0	0	7	7	30	90	9	10
Troll-HT	<i>Pseudosetia griegi</i> (Gastropoda)	0	0	0	67	0	0	5	4	20	89	11	13
Troll-HT	<i>Pseudosetia griegi</i> (Gastropoda)	0	0	1	14	0	0	13	17	74	82	11	13
Troll-LT	Actinaria (Cnidaria)	0	0	0	0	0	0	49	34	13	12	77	54
Troll-LT	Actinaria (Cnidaria)	0	0	0	0	48	13	14	7	3	4	83	38
Troll-LT	Allogromida	0	0	0	0	0	0	58	55	44	41	27	22
Troll-LT	Amphipoda	0	0	0	0	0	0	39	35	37	35	60	48
Troll-LT	Amphipoda	0	0	0	0	0	0	34	30	24	24	75	63
Troll-LT	Amphipoda	0	0	0	0	0	0	35	31	21	22	78	65
Troll-LT	Amphipoda	0	0	0	0	0	0	52	47	20	19	65	52
Troll-LT	Amphipoda	0	0	0	0	0	0	37	32	26	25	74	60
Troll-LT	Amphipoda	0	0	0	0	0	0	37	33	24	23	76	62
Troll-LT	Amphipoda	0	0	0	0	0	0	38	34	19	18	82	66
Troll-LT	Amphipoda	0	0	0	0	0	0	35	30	15	16	84	68
Troll-LT	<i>Buccinum</i> sp. (Gastropoda)	0	0	0	0	11	0	35	19	9	9	91	54
Troll-LT	Caprellidae (Amphipoda)	0	0	0	0	0	0	38	33	25	24	75	60
Troll-LT	<i>Cirratulus incertus</i> (Cirratulidae, Polychaeta)	0	0	0	0	0	0	62	56	26	25	47	37
Troll-LT	<i>Cirratulus incertus</i> (Cirratulidae, Polychaeta)	0	0	0	0	0	0	62	39	10	9	66	41
Troll-LT	<i>Cirratulus incertus</i> (Cirratulidae, Polychaeta)	0	0	0	0	0	0	62	56	25	24	48	38
Troll-LT	Cnidaria	0	0	0	0	0	0	48	43	25	24	64	51
Troll-LT	<i>Corymorpha groenlandica</i> (Hydrozoa)	0	0	0	0	0	0	37	34	34	32	65	52
Troll-LT	<i>Eukrohnia hamata</i> (Chaetognatha)	0	0	0	0	0	0	50	42	16	16	72	56
Troll-LT	Euphausiidae	0	0	0	0	0	0	56	46	16	15	65	49
Troll-LT	Euphausiidae	0	0	0	0	0	0	57	44	14	14	66	48

Troll-LT	<i>Harmothoe fragilis</i> (Polynoidae, Polychaeta)	0	0	0	0	35	0	24	13	7	7	93	41
Troll-LT	<i>Harmothoe fragilis</i> (Polynoidae, Polychaeta)	0	0	0	0	0	0	46	25	10	10	84	56
Troll-LT	<i>Harmothoe fragilis</i> (Polynoidae, Polychaeta)	0	0	0	0	0	0	47	31	12	11	80	55
Troll-LT	<i>Harmothoe fragilis</i> (Polynoidae, Polychaeta)	0	0	0	0	0	0	41	23	11	10	88	59
Troll-LT	<i>Harmothoe fragilis</i> (Polynoidae, Polychaeta)	0	0	0	0	0	0	42	38	23	22	73	58
Troll-LT	Hydrozoa	0	0	0	0	0	0	40	36	31	30	66	52
Troll-LT	Hydrozoa	0	0	0	0	0	0	37	33	25	24	76	61
Troll-LT	Hydrozoa	0	0	0	0	0	0	44	39	25	24	68	55
Troll-LT	Hydrozoa	0	0	0	0	0	0	47	42	23	22	67	54
Troll-LT	Nemertea	0	0	0	0	0	49	17	15	7	8	43	85
Troll-LT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	0	0	0	0	0	0	65	59	24	23	45	36
Troll-LT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	0	0	0	0	0	0	47	36	15	14	77	58
Troll-LT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	0	0	0	0	0	0	50	45	29	27	57	46
Troll-LT	Polynoidae (Polychaeta)	0	0	0	0	0	0	35	32	20	20	80	66
Troll-LT	<i>Pseudosetia griegi</i> (Gastropoda)	0	0	0	0	0	0	73	69	28	25	27	21
Troll-LT	<i>Pseudosetia griegi</i> (Gastropoda)	0	37	0	0	0	0	46	83	17	14	15	12
Troll-LT	<i>Pseudosetia griegi</i> (Gastropoda)	0	52	0	0	0	0	41	89	7	5	13	9
Troll-LT	<i>Pseudosetia griegi</i> (Gastropoda)	84	0	0	0	0	0	99	11	1	1	6	3
Troll-LT	Pycnogonida	0	0	0	0	0	32	21	20	14	15	53	78
Troll-LT	Pycnogonida	0	0	0	0	0	56	15	12	6	7	37	87
Troll-LT	<i>Skenea basistriata</i> (Gastropoda)	0	0	0	0	0	0	20	18	50	54	46	47
Troll-LT	<i>Skenea basistriata</i> (Gastropoda)	0	0	0	0	0	3	19	17	45	49	48	52
Troll-LT	<i>Sycon</i> sp. (Porifera)	0	0	0	0	0	0	31	28	41	41	58	50
Troll-LT	<i>Sycon</i> sp. (Porifera)	0	0	0	0	0	0	49	36	14	13	76	55
Troll-LT	Tanaidacea	0	0	0	0	0	0	50	44	22	21	65	52
Troll-LT	Terebellidae (Polychaeta)	0	0	0	0	0	0	50	42	16	16	72	56
Troll-LT	Unk. Polychaete	0	0	0	0	0	0	40	36	57	54	35	28
Troll-NHT	Ampharetidae (Polychaeta)	0	0	0	0	0	0	47	42	27	25	63	50
Troll-NHT	Amphipoda	0	0	0	0	0	0	60	52	17	16	60	47
Troll-NHT	Amphipoda	0	0	0	0	0	0	40	36	44	42	51	41
Troll-NHT	Amphipoda	0	0	0	0	0	0	46	41	37	36	52	42
Troll-NHT	Amphipoda	0	0	0	0	0	0	39	35	36	34	60	48
Troll-NHT	Amphipoda	0	0	0	0	0	0	66	46	12	11	60	39

Troll-NHT	Amphipoda	27	0	0	0	66	0	32	2	0	0	71	2
Troll-NHT	<i>Amphitrite</i> (Terebellidae, Polychaeta)	0	0	0	0	0	0	27	24	55	55	43	39
Troll-NHT	<i>Capitella</i> sp. (Capitellidae, Polychaeta)	0	0	0	0	0	40	13	11	26	28	32	71
Troll-NHT	<i>Capitella</i> sp. (Capitellidae, Polychaeta)	0	0	0	0	0	0	55	41	14	13	69	50
Troll-NHT	Isopoda	0	0	0	0	0	0	35	32	57	54	42	33
Troll-NHT	Nemertea	0	0	0	0	0	0	53	30	9	9	76	48
Troll-NHT	<i>Pholoe assimilis</i> (Pholoidae, Polychaeta)	0	0	0	0	0	0	47	40	17	16	75	59
Troll-NHT	<i>Pholoe assimilis</i> (Pholoidae, Polychaeta)	0	20	0	0	0	0	43	68	37	30	14	11
Troll-NHT	<i>Pholoe assimilis</i> (Pholoidae, Polychaeta)	0	0	0	0	0	4	31	27	19	21	75	69
Troll-NHT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	0	0	0	0	0	0	25	22	61	61	37	35
Troll-NHT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	0	0	0	0	0	0	24	21	68	68	30	30
Troll-NHT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	0	0	0	0	0	0	52	47	35	34	47	38
Troll-NHT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	0	0	0	0	0	0	55	49	35	33	45	36
Troll-NHT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	0	0	0	0	0	0	53	48	40	38	41	32
Troll-NHT	Priapulida	0	0	0	0	35	23	15	8	4	4	73	50
Troll-NHT	<i>Pseudosetia griegi</i> (Gastropoda)	0	0	0	0	0	0	64	52	15	14	57	42
Troll-NHT	<i>Pseudosetia griegi</i> (Gastropoda)	0	0	0	0	0	0	61	55	31	29	42	34
Troll-NHT	Pycnogonida	0	0	0	0	0	0	42	38	19	18	77	61
Troll-NHT	Tanaidacea	0	0	0	0	0	0	39	35	50	47	46	36
Troll-NHT	Turbellaria	45	0	0	0	15	0	72	14	2	2	41	13
Gall-LT	<i>Abyssoninoe scopa</i> (Lumbrineridae, Polychaeta)	0	0	0	0	0	0	44	31	13	13	81	59
Gall-LT	<i>Abyssoninoe scopa</i> (Lumbrineridae, Polychaeta)	0	0	0	0	64	0	14	7	4	3	97	22
Gall-LT	<i>Abyssoninoe scopa</i> (Lumbrineridae, Polychaeta)	0	0	0	0	0	0	46	33	14	13	79	58
Gall-LT	<i>Abyssoninoe scopa</i> (Lumbrineridae, Polychaeta)	0	0	0	0	0	0	49	34	13	13	77	55
Gall-LT	Allogromida	0	0	0	0	0	0	69	66	32	28	27	22
Gall-LT	Amphipoda	0	0	0	0	0	0	62	53	16	15	58	44
Gall-LT	<i>Chaetozone</i> sp. (Cirratulidae, Polychaeta)	0	0	0	0	0	0	57	47	16	15	64	48
Gall-LT	<i>Chaetozone</i> sp. (Cirratulidae, Polychaeta)	0	0	0	0	0	0	59	47	15	14	64	46
Gall-LT	<i>Chaetozone</i> sp. (Cirratulidae, Polychaeta)	0	0	0	0	0	0	57	45	14	14	65	48
Gall-LT	<i>Chone kroeyeri</i> (Sabellidae, Polychaeta)	0	0	0	0	0	11	32	19	10	10	79	69
Gall-LT	Enteropneusta	0	0	0	0	56	0	25	13	3	3	89	19
Gall-LT	Harpacticoida	0	0	0	0	0	0	42	30	14	13	83	61
Gall-LT	<i>Heliometa glacialis</i> (Crinoidea)	0	0	0	0	0	0	36	32	17	17	83	68

Gall-LT	<i>Helioметра glacialis</i> (Crinoidea)	0	0	0	0	17	15	24	13	6	7	78	59
Gall-LT	<i>Helioметра glacialis</i> (Crinoidea)	5	0	0	0	80	0	15	5	0	0	91	5
Gall-LT	Isopoda	0	0	14	0	0	0	18	24	84	62	14	11
Gall-LT	Isopoda	0	0	0	0	0	6	20	18	40	43	51	56
Gall-LT	Maldanidae (Polychaeta)	0	0	0	0	0	0	52	31	10	9	77	50
Gall-LT	<i>Melythasides laubieri</i> (Ampharetidae, Polychaeta)	0	0	0	0	0	0	57	51	31	30	46	37
Gall-LT	Nematoda	0	0	0	0	36	21	15	8	4	4	75	49
Gall-LT	Nematoda	0	0	0	0	79	17	1	0	0	0	83	20
Gall-LT	<i>Nothria conchylega</i> (Onuphidae, Polychaeta)	0	0	0	0	0	0	43	25	11	11	85	59
Gall-LT	<i>Nothria conchylega</i> (Onuphidae, Polychaeta)	0	0	0	0	21	0	44	24	6	6	80	35
Gall-LT	<i>Nothria conchylega</i> (Onuphidae, Polychaeta)	0	0	0	0	63	0	18	10	3	3	93	19
Gall-LT	Ophiuroidea	0	0	0	0	0	0	67	59	23	22	45	36
Gall-LT	Ophiuroidea	0	0	0	0	0	0	56	50	18	17	64	51
Gall-LT	Ophiuroidea	0	0	0	0	0	1	35	23	12	13	86	67
Gall-LT	Ophiuroidea	0	0	0	0	0	0	43	30	14	13	83	60
Gall-LT	Ophiuroidea	0	0	0	0	0	0	55	40	13	12	69	48
Gall-LT	Ophiuroidea	0	0	0	0	0	0	70	54	13	13	53	36
Gall-LT	Ophiuroidea	0	0	0	0	0	0	65	46	11	11	60	39
Gall-LT	Ophiuroidea	0	0	0	0	67	0	17	9	2	2	93	16
Gall-LT	Ophiuroidea	0	0	0	0	0	0	38	22	11	11	89	63
Gall-LT	<i>Pholoe assimilis</i> (Pholoidae, Polychaeta)	0	0	0	0	33	0	32	17	6	6	88	35
Gall-LT	<i>Pholoe assimilis</i> (Pholoidae, Polychaeta)	0	0	0	0	0	0	27	24	38	40	60	54
Gall-LT	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	0	0	0	0	0	0	70	40	7	6	60	32
Gall-LT	<i>Polycirus medusa</i> (Terebellidae, Polychaeta)	0	0	0	0	0	0	54	48	24	23	58	47
Gall-LT	<i>Prionospio cirrifera</i> (Spionidae, Polychaeta)	0	0	0	0	0	0	69	47	10	10	57	35
Gall-LT	<i>Prionospio cirrifera</i> (Spionidae, Polychaeta)	31	0	0	0	0	0	79	27	4	4	43	22
Gall-LT	Sipuncula	1	0	0	0	33	0	45	23	4	3	76	22
Gall-LT	Sphaerodoridae (Polychaeta)	0	0	0	0	0	0	70	63	22	21	43	34
Gall-LT	<i>Thyasira</i> sp. (Bivalvia)	0	0	0	0	0	0	26	23	49	50	49	45
Gall-LT	Unk. Polychaete	0	0	0	0	0	0	54	29	8	8	76	46
Gall-LT	Urochordata	0	0	0	0	0	0	38	27	14	13	86	65
Gall-NV	Allogromida	0	0	0	0	0	0	45	40	22	21	71	57
Gall-NV	Amphipoda	0	0	0	0	0	0	48	38	16	15	75	57

Gall-NV	Chaetopteridae (Polychaeta)	0	0	0	0	0	0	60	43	12	12	65	44
Gall-NV	Chaetopteridae (Polychaeta)	0	0	0	0	0	0	64	57	19	18	53	42
Gall-NV	Chaetopteridae (Polychaeta)	0	0	0	0	0	0	61	47	14	13	62	44
Gall-NV	<i>Chaetozone</i> sp. (Cirratulidae, Polychaeta)	0	0	0	0	0	0	56	50	20	19	61	49
Gall-NV	<i>Chaetozone</i> sp. (Cirratulidae, Polychaeta)	0	0	0	0	0	0	48	42	32	30	56	45
Gall-NV	Cuspidaridae (Bivalvia)	0	0	0	0	0	0	72	60	16	15	48	36
Gall-NV	Enteropneusta	0	0	0	0	0	0	44	24	11	10	86	58
Gall-NV	Harpacticoida	0	0	0	0	0	0	50	45	18	18	69	55
Gall-NV	Holothuria	24	0	0	0	52	0	40	9	1	1	68	8
Gall-NV	Maldanidae (Polychaeta)	4	0	0	0	25	0	51	25	4	4	71	24
Gall-NV	<i>Melythasides laubieri</i> (Ampharetidae, Polychaeta)	0	0	0	0	0	0	51	45	33	31	52	41
Gall-NV	Nematoda	0	0	0	0	12	16	26	14	7	8	77	62
Gall-NV	Nematoda	0	0	0	0	0	0	43	33	15	14	81	61
Gall-NV	Nemertea	0	0	0	0	0	29	25	15	8	8	63	76
Gall-NV	<i>Nothria conchylega</i> (Onuphidae, Polychaeta)	0	0	0	0	0	0	52	42	15	15	71	53
Gall-NV	<i>Notoproctus oculus arctica</i> (Maldanidae, Polychaeta)	18	0	0	0	40	0	46	14	2	2	68	14
Gall-NV	Onuphidae (Polychaeta)	0	0	0	0	0	0	52	47	26	25	58	47
Gall-NV	Ophiuroidea	0	0	0	0	0	0	34	34	69	64	24	19
Gall-NV	<i>Pholoe assimilis</i> (Pholoidae, Polychaeta)	0	0	0	0	18	0	42	22	7	6	83	40
Gall-NV	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	0	0	0	0	0	0	73	45	8	7	56	30
Gall-NV	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	0	0	0	0	0	0	66	59	23	22	46	37
Gall-NV	<i>Polycirrus medusa</i> (Terebellidae, Polychaeta)	0	0	0	0	0	0	62	55	21	20	53	42
Gall-NV	Polynoidae (Polychaeta)	0	0	0	0	0	0	71	55	14	13	51	35
Gall-NV	<i>Prionospio cirrifera</i> (Spionidae, Polychaeta)	0	0	0	0	0	0	63	36	7	7	67	38
Gall-NV	<i>Prionospio cirrifera</i> (Spionidae, Polychaeta)	0	0	0	0	0	0	53	47	30	29	52	42
Gall-NV	Protozoa	0	0	0	0	0	0	68	61	33	32	31	25
Gall-NV	Protozoa	0	54	0	0	0	0	23	81	23	19	7	6
Gall-NV	Pycnogonida	0	0	0	0	0	19	29	19	10	11	71	73
Gall-NV	Pycnogonida	0	0	0	0	19	54	10	5	2	3	44	71
Gall-NV	<i>Retusa</i> sp. (Gastropoda)	0	0	0	0	26	0	33	18	7	7	89	41
Gall-NV	<i>Scoletoma</i> sp. (Lumbrineridae, Polychaeta)	0	0	0	0	0	6	34	18	9	10	84	67
Gall-NV	Sipuncula	3	0	0	0	85	0	11	4	0	0	93	4
Gall-NV	Tanaidacea	0	0	0	0	0	0	33	29	35	34	65	54