

Supplementary Table S1. List of all the benthic macrofauna at class and family levels recorded across sampling stations over the study period. N and B indicate the total number of benthic fauna (ind.) and the total wet weight of benthic fauna (g) per taxonomic group of family level.

Date	Station	Class	Family	N (ind.)	B (g)
2022/12/2	St.Far	Bivalvia	Thyasiridae	2	0.064
		Gastropoda	Nassariidae	1	0.040
			(Nudibranchia)	1	2.250
		Polychaeta	Ampharetidae	1	0.005
			Capitellidae	2	0.046
			Cirratulidae	9	0.568
			Glyceridae	3	0.234
			Lumbrineridae	28	0.112
			Magelonidae	5	0.008
			Maldanidae	1	0.001
			Spionidae	1	0.033
			(Other polychaeta)	3	0.021
	St.Mid	Bivalvia	Thyasiridae	1	0.074
		Gastropoda	Muricidae	1	0.200
			Ringiculidae	1	0.040
		Holothuroidea	(Holothuroidea)	1	0.101
		Ophiuroidea	(Ophiuroidea)	2	0.183
		Polychaeta	Capitellidae	4	0.016
			Cirratulidae	6	0.028
			Glyceridae	5	0.396
			Lumbrineridae	9	0.058
			Magelonidae	11	0.015
			Maldanidae	1	0.003
			Terebellidae	4	0.169
			(Other polychaeta)	3	0.012
		Turbellaria	(Polycladida)	1	0.013
	St.Close	Asteroidea	Asterinidae	1	49.800
		Gastropoda	Muricidae	2	4.540
		Malacostraca	(Brachyura sp1)	1	4.020
			(Brachyura sp2)	1	0.100
			(Brachyura sp3)	1	0.013

		Ophiuroidea	Ophiuroidea	1	0.037
		Polychaeta	Ampharetidae	1	0.012
			Capitellidae	2	0.011
			Cirratulidae	3	0.126
			Glyceridae	2	0.206
			Lumbrineridae	4	0.084
			Magelonidae	1	0.006
			Maldanidae	9	0.053
			(Other polychaeta)	1	0.180
		Pycnogonida	(Pycnogonida)	2	0.025
2023/1/13	St.Far	Bivalvia	Solemyidae	1	0.120
			Thyasiridae	1	0.065
		Polychaeta	Ampharetidae	5	0.045
			Capitellidae	7	0.079
			Cirratulidae	4	0.025
			Lumbrineridae	22	0.069
			Magelonidae	4	0.007
			Maldanidae	1	0.005
			Spionidae	2	0.035
			Terebellidae	1	0.007
			(Other polychaeta)	1	0.009
		St.Mid	Malacostraca	(Brachyura sp1)	1
	(Nemertea)		(Nemertea)	1	0.008
	Ophiuroidea		(Ophiuroidea)	2	0.123
	Polychaeta		Capitellidae	5	0.021
			Cirratulidae	6	0.036
			Glyceridae	1	0.005
			Lumbrineridae	3	0.063
			Magelonidae	8	0.013
			Maldanidae	3	0.029
			Terebellidae	1	0.091
	(Other polychaeta)	1	0.005		
St.Close	Asteroidea	Asterinidae	1	28.710	
	Gastropoda	(Gastropoda sp1)	1	0.103	
		Nassariidae	2	0.300	
	Malacostraca	(Brachyura sp1)	2	3.430	

		Ophiuroidea	(Ophiuroidea)	1	0.146
		Polychaeta	Capitellidae	2	0.013
			Cirratulidae	9	1.151
			Lumbrineridae	13	0.052
			Maldanidae	2	0.157
			Terebellidae	1	0.189
			(Other polychaeta)	4	0.334
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2023/2/6	St.Far	Bivalvia	Thyasiridae	1	0.096
		Malacostraca	(Brachyura sp2)	1	0.082
		Polychaeta	Ampharetidae	3	0.031
			Capitellidae	7	0.062
			Cirratulidae	3	0.028
			Glyceridae	1	0.027
			Lumbrineridae	9	0.034
			Magelonidae	1	0.006
			Spionidae	2	0.049
			Terebellidae	2	0.381
			(Other polychaeta)	2	0.006
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	St.Mid	Actinopterygii	Gobiidae	1	0.797
		Asteroidea	Asterinidae	1	28.250
		Gastropoda	Muricidae	1	3.860
		Malacostraca	(Brachyura sp2)	1	0.057
		(Nemertea)	(Nemertea)	2	0.250
		Polychaeta	Ampharetidae	1	0.012
			Capitellidae	2	0.010
			Cirratulidae	2	0.027
			Magelonidae	3	0.007
			Maldanidae	1	0.007
			Terebellidae	1	0.017
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	St.Close	Asteroidea	Asterinidae	1	24.050
		Gastropoda	Calyptraeidae	10	18.750
			(Gastropoda sp1)	1	0.364
			Muricidae	1	3.560
		Malacostraca	(Brachyura sp2)	1	0.182
		Polychaeta	Capitellidae	1	0.002
			Cirratulidae	6	0.646

			Glyceridae	1	0.069
			Lumbrineridae	1	0.005
			Maldanidae	1	0.012
			(Other polychaeta)	2	0.647
2023/3/1	St.Far	(Nemertea)	(Nemertea)	1	0.004
		Polychaeta	Ampharetidae	5	0.069
			Capitellidae	2	0.011
			Cirratulidae	2	0.045
			Glyceridae	2	0.308
			Lumbrineridae	17	0.065
			Magelonidae	5	0.011
			Maldanidae	1	0.002
			Spionidae	1	0.003
			Terebellidae	1	0.106
	St.Mid	Malacostraca	(Brachyura sp2)	1	0.024
			(Gammaridea)	1	0.024
		Polychaeta	Capitellidae	9	0.048
			Cirratulidae	6	0.038
			Glyceridae	2	0.090
			Lumbrineridae	6	0.050
			Magelonidae	3	0.011
			Maldanidae	3	0.024
			Pectinariidae	2	0.083
			Spionidae	1	0.049
			(Other polychaeta)	1	0.017
	St.Close	Gastropoda	Calyptraeidae	1	1.300
			(Gastropoda sp1)	1	0.046
			Muricidae	2	3.370
		Malacostraca	(Brachyura sp2)	1	0.134
		(Nemertea)	(Nemertea)	1	0.036
		Ophiuroidea	(Ophiuroidea)	3	0.535
		Polychaeta	Cirratulidae	7	0.576
			Glyceridae	2	0.035
			Lumbrineridae	6	0.062
			Maldanidae	3	0.047
			Terebellidae	2	0.298

			(Other polychaeta)	4	1.651
2023/4/20	St.Far	Polychaeta	Ampharetidae	18	0.349
			Capitellidae	3	0.023
			Cirratulidae	8	0.086
			Glyceridae	2	0.443
			Lumbrineridae	22	0.120
			Magelonidae	2	0.009
			Spionidae	2	0.054
			(Other polychaeta)	1	0.006
	St.Mid	Gastropoda	Nassariidae	1	0.203
		Malacostraca	(Cumacea)	1	0.002
		Ophiuroidea	(Ophiuroidea)	1	0.048
		Polychaeta	Capitellidae	4	0.059
			Cirratulidae	6	0.074
			Lumbrineridae	10	0.103
			Magelonidae	7	0.017
			Spionidae	2	0.018
			Terebellidae	2	0.183
			(Other polychaeta)	8	1.165
	St.Close	Bivalvia	Solemyidae	1	0.209
		Gastropoda	Calliostomatidae	1	0.850
			(Gastropoda sp1)	1	0.060
			(Gastropoda sp2)	1	0.290
			Nassariidae	2	0.312
			Pyramidellidae	1	0.130
		Malacostraca	(Gammaridea)	3	0.028
		Ophiuroidea	(Ophiuroidea)	1	0.145
		Polychaeta	Ampharetidae	3	0.135
			Cirratulidae	8	0.667
			Glyceridae	3	0.805
			Lumbrineridae	12	0.178
			Magelonidae	1	0.013
			Maldanidae	3	0.029
			Pectinariidae	1	0.855
			Terebellidae	1	0.022
			(Other polychaeta)	5	0.084

		(Sipuncula)	(Sipuncula)	1	0.023
2023/5/18	St.Far	Bivalvia	Solemyidae	2	0.098
		Malacostraca	(Brachyura sp2)	1	0.003
			(Caprellidea)	1	0.003
			(Cumacea)	1	0.003
		Polychaeta	Ampharetidae	8	0.124
			Capitellidae	5	0.024
			Cirratulidae	14	0.365
			Lumbrineridae	15	0.054
			Magelonidae	10	0.017
			Maldanidae	1	0.014
			Spionidae	3	0.093
			(Other polychaeta)	3	0.014
	St.Mid	Bivalvia	Thyasiridae	1	0.065
		Holothuroidea	Holothuroidea	2	0.132
		(Nemertea)	(Nemertea)	1	0.042
		Ophiuroidea	(Ophiuroidea)	1	0.018
		Polychaeta	Ampharetidae	3	0.037
			Capitellidae	7	0.018
			Cirratulidae	5	0.039
			Glyceridae	4	0.655
			Lumbrineridae	2	0.010
			Magelonidae	15	0.033
			Maldanidae	3	0.006
			Terebellidae	1	0.029
			(Other polychaeta)	2	0.006
	St.Close	Actinopterygii	Gobiidae	1	0.220
		Asteroidea	Asterinidae	1	44.490
		Bivalvia	Solemyidae	1	0.018
		Gastropoda	Muricidae	1	0.395
		Malacostraca	(Brachyura sp2)	1	0.612
		Ophiuroidea	(Ophiuroidea)	3	0.347
		Polychaeta	Ampharetidae	1	0.612
			Cirratulidae	5	0.616
			Lumbrineridae	11	0.143
			Maldanidae	3	0.022

Terebellidae	2	0.573
(Other polychaeta)	2	0.341
