

Picanço et al., 2014. Influence of abiotic characteristics of sediments on the macrobenthic community structure of Minho estuary saltmarsh (Portugal).

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Appendix 1. Identification of the species and their respective abundances (ind/m²) in the macrobenthic community structure of the Minho estuary saltmarsh for the three sampling dates. Individuals not identified to the species level are in bold. *Identificación de las especies y sus respectivas abundancias (ind/m²) en la comunidad macrobentónica del estuario del río Miño, a lo largo de los tres muestreos. Los individuos no identificados a nivel de especie están en negrita.*

Species	Abundances (ind/m ²) – Summer										Mean Abundance (ind/m ²)
	Sampling Site										
	1	2	3	4	5	6	7	8	9	10	
<i>Cyathura carinata</i>	15.0	1545.0	1270.0	660.0	-	35.0	20.0	100.0	-	10.0	365.5
<i>Carcinus maenas</i>	5.0	-	5.0	-	-	5.0	-	-	-	-	1.5
<i>Corophium</i>	-	-	325.0	-	5.0	10.0	-	-	-	-	34.0
<i>Heterotanais oerstedii</i>	-	760.0	725.0	-	15.0	5.0	-	-	-	5.0	151.0
<i>Sphaeroma serratum</i>	-	5.0	20.0	-	-	-	-	-	-	-	2.5
<i>Gammarus sp.</i>	-	-	30.0	5.0	-	-	-	-	-	-	3.5
<i>Leptocheirus pilosus</i>	-	790.0	505.0	-	5.0	10.0	-	-	-	-	131.0
<i>Melita palmata</i>	-	145.0	270.0	-	-	-	-	-	-	-	41.5
<i>Saduriella losadai</i>	-	-	-	-	5.0	-	-	-	-	-	0.5
<i>Crangon crangon</i>	-	-	-	-	-	-	5.0	-	-	-	0.5
<i>Paragnathia formica</i>	5.0	-	-	-	-	-	-	-	-	-	0.5
<i>Cerastoderma glaucum</i>	5.0	-	-	-	-	-	-	-	-	-	0.5
<i>Scrobicularia plana</i>	125.0	-	10.0	10.0	30.0	-	20.0	-	-	-	19.5
<i>Corbicula fluminea</i>	-	-	35.0	-	-	-	-	-	-	-	3.5
<i>Hediste diversicolor</i>	700.0	210.0	65.0	920.0	70.0	70.0	295.0	55.0	455.0	335.0	317.5
<i>Scolelepis squamata</i>	155.0	30.0	-	1975.0	1080.0	520.0	130.0	30.0	245.0	105.0	427.0
<i>Alkmaria romijni</i>	5.0	-	-	-	255.0	355.0	-	180.0	5.0	-	80.0
<i>Streblospio shrubsoli</i>	25.0	-	-	20.0	100.0	10.0	5.0	80.0	10.0	30.0	28.0
<i>Polydora ciliata</i>	20.0	-	-	70.0	200.0	-	50.0	25.0	-	25.0	39.0
<i>Capitella capitata</i>	25.0	125.0	10.0	1120.0	5.0	-	90.0	-	10.0	90.0	138.5
<i>Spiophanes bombyx</i>	-	-	-	-	15.0	-	-	-	-	-	1.50
Lumbriculidae	75.0	-	-	1550.0	-	10.0	-	5.0	55.0	25.0	181.0
Naididae	-	-	-	-	-	-	-	-	-	10.0	1.0
Chironomidae sp1	5.0	5.0	15.0	-	15.0	5.0	-	15.0	-	5.0	6.5
Chironomidea sp2	-	5.0	-	-	-	-	-	-	-	-	0.5
Elmidae	-	-	10.0	-	-	-	-	-	-	-	1.0
<i>Platichthys flesus</i>	-	-	-	-	-	-	5.0	-	-	-	0.5
Total Abundance (ind/m²)	1165.0	3620.0	3295.0	6330.0	1800.0	1035.0	620.0	490.0	780.0	640.0	1977.5

	Abundances (ind/m ²) – Autumn										
	Sampling Site										Mean Abundance (ind/m ²)
Species	1	2	3	4	5	6	7	8	9	10	
<i>Cyathura carinata</i>	25.0	1325.0	355.0	205.0	5.0	15.0	635.0	195.0	15.0	-	277.5
<i>Carcinus maenas</i>	-	55.0	-	10.0	-	-	10.0	-	-	-	7.5
<i>Corophium</i>	-	475.0	130.0	-	15.0	-	10.0	-	-	5.0	63.5
<i>Heterotanais oerstedii</i>	-	310.0	-	5.0	-	-	-	-	-	-	31.5
<i>Gammarus sp.</i>	-	55.0	5.0	-	-	-	-	-	-	-	6.0
<i>Leptocheirus pilosus</i>	-	30.0	-	-	5.0	-	-	-	-	-	3.5
<i>Melita palmata</i>	-	20.0	5.0	-	10.0	-	-	-	-	-	3.5
<i>Scrobicularia plana</i>	15.0	-	35.0	30.0	-	45.0	105.0	-	40.0	-	27.0
<i>Corbicula fluminea</i>	-	-	55.0	-	-	-	-	-	-	-	5.5
<i>Mytilus galloprovincialis</i>	5.0	-	-	-	-	-	-	-	-	-	0.5
<i>Hediste diversicolor</i>	110.0	150.0	10.0	920.0	130.0	85.0	830.0	430.0	780.0	70.0	351.5
<i>Scolelepis squamata</i>	95.0	115.0	35.0	1765.0	415.0	330.0	1485.0	255.0	165.0	75.0	473.5
<i>Alkmaria romijni</i>	-	-	-	5.0	30.0	235.0	-	140.0	-	-	41.0
<i>Streblospio shrubsoli</i>	20.0	-	-	10.0	5.0	45.0	25.0	35.0	-	-	14.0
<i>Polydora ciliata</i>	-	-	-	-	10.0	-	-	5.0	-	-	1.50
<i>Capitella capitata</i>	75.0	-	1045.0	30.0	10.0	-	100.0	-	10.0	5.0	117.5
<i>Nephtys hombergi</i>	-	-	-	-	-	-	5.0	-	-	-	0.50
Lumbriculidae	5.0	235.0	260.0	2745.0	-	-	-	5.0	30.0	-	338.0
Naididae	10.0	85.0	10.0	-	-	-	-	-	-	-	10.5
Chironomidae sp1	-	45.0	735.0	10.0	5.0	60.0	-	5.0	-	10.0	87.0
Elmidae	5.0	30.0	15.0	-	-	-	-	-	-	-	5.0
Leptoceridae	-	-	5.0	-	-	-	-	-	-	-	0.5
Empididae	-	-	10.0	-	-	-	-	-	-	-	1.0
<i>Chloroperia</i>	-	-	10.0	-	-	-	-	-	-	-	1.0
Chrysomelidae	-	-	5.0	-	-	-	-	-	-	-	0.5
Total Abundance (ind/m²)	365.0	2930.0	2725.0	5735.0	640.0	815.0	3205.0	1070.0	1040.0	165.0	1869.0

	Abundances (ind/m ²) – Winter										
	Sampling Site										Mean Abundance (ind/m ²)
Species	1	2	3	4	5	6	7	8	9	10	
<i>Cyathura carinata</i>	45.0	1265.0	20.0	1005.0	5.0	-	420.0	90.0	-	15.0	286.5
<i>Carcinus maenas</i>	-	-	-	-	5.0	-	5.0	-	5.0	-	1.5
<i>Corophium</i>	10.0	30.0	130.0	40.0	-	5.0	-	80.0	-	-	29.5
<i>Heterotanais oerstedii</i>	10.0	225.0	-	-	-	-	-	-	-	-	23.5
<i>Sphaeroma serratum</i>	5.0	-	-	5.0	-	-	-	-	-	-	1.0
<i>Gammarus sp.</i>	35.0	50.0	15.0	-	-	-	-	-	-	-	10.0
<i>Leptocheirus pilosus</i>	-	35.0	10.0	-	-	10.0	-	-	-	-	5.5
<i>Melita palmata</i>	-	80.0	290.0	-	15.0	-	-	-	-	-	38.5
<i>Saduriella losadai</i>	5.0	-	5.0	-	-	-	-	-	-	-	1.0
<i>Crangon crangon</i>	-	-	-	-	-	-	-	5.0	-	-	0.5
<i>Scrobicularia plana</i>	5.0	-	30.0	-	10.0	-	35.0	10.0	5.0	-	9.5
<i>Corbicula fluminea</i>	-	-	55.0	-	-	-	-	-	-	-	5.5
<i>Hediste diversicolor</i>	650.0	15.0	30.0	160.0	85.0	30.0	125.0	125.0	190.0	60.0	147.0
<i>Scolecopsis squamata</i>	125.0	40.0	-	300.0	90.0	35.0	130.0	210.0	35.0	20.0	98.5
<i>Alkmaria romijni</i>	-	-	-	-	10.0	65.0	-	140.0	-	-	21.5
<i>Streblospio shrubsoli</i>	5.0	10.0	-	5.0	5.0	-	15.0	10.0	-	-	5.0
<i>Polydora ciliata</i>	5.0	-	-	-	5.0	-	45.0	40.0	-	-	9.5
<i>Capitella capitata</i>	20.0	-	40.0	-	-	-	-	-	5.0	-	6.5
<i>Spiophanes bombyx</i>	-	5.0	-	-	-	-	-	-	-	-	0.5
Lumbriculidae	45.0	10.0	-	60.0	-	-	-	-	-	-	11.5
Chironomidae sp1	-	30.0	185.0	5.0	-	10.0	-	5.0	5.0	-	24.0
Chironomidae sp2	-	25.0	-	-	-	-	-	-	-	-	2.5
Chloroperlidae	-	-	5.0	-	-	-	-	-	-	-	0.5
<i>Hydraena</i>	-	-	-	-	-	-	-	5.0	-	-	0.5
Elmidae	-	15.0	20.0	-	-	-	-	-	-	-	3.5
Limnephilidae	-	-	5.0	-	-	-	-	-	-	-	0.5
Total Abundance (ind/m²)	965.0	1835.0	840.0	1580.0	230.0	155.0	775.0	720.0	245.0	95.0	744.0