

Table S3. Macroplankton collected over Valencia Seamount summit with WP2 nets near the bottom (BBL) and in the mesopelagic zone (Deep Scattering Layer, DSL).

	REC0721	ANTROMARE1	ANTROMARE1
	WP2-5	WP2-23	WP2-24
	BBL, Seamount	BBL, Seamount	DSL (400 m)
Data	14/07/2021	21/07/2010	21/07/2010
Depth	1121 m	1217 m	
mab	35-89 m	BBL, Seamount	ca. 620 m
Decapoda (larvae)			
<i>Alpheus glaber</i>	0	1	0
<i>Amalopenaeus elegans</i> (= <i>Gennadas elegans</i>)	0	1	0
<i>Parasergestes vigilax</i>	0	1	2
<i>Sergestes arcticus</i>	0	3	0
<i>Sergestes</i> spp.	2	1	4
Brachyura (zoea)	1	0	0
Euphausiacea			
<i>Calyptopis, Furcilia</i>	2	38.5	118.2
<i>Stylocheiron</i> sp.	0	3	0
Euphausiacea unid. (J)	0	23.5	0
Adult	0	0	0
<i>Euphausia krohni</i>	0	0	13
<i>Hansarsia megalops</i> (= <i>Nematoscelis megalops</i>)	12	3	45
<i>Stylocheiron longicorne</i>	0	0	3
Lophogastrida			
<i>Eucopia unguiculata</i> (= <i>Eucopia hansenii</i>)	2	2	0
Amphipoda Hyperiidea			
<i>Lestrignus schizogeneios</i>	0	2	1
<i>Hyperia</i> sp.	1	0	0
<i>Hyperoides longipes</i>	0	0	2
<i>Lycaeidae</i> (<i>Lycaea pulex</i>)	0	1	0
<i>Phronima sedentaria</i>	0	1	2
<i>Phrosina semilunata</i>	0	1	0
<i>Primno</i> cf. <i>brevicens</i>	0	0	1
<i>Scina crassicornis</i>	0	2	2
<i>Vibilia armata</i>	7	3	0

