

**Table S1.** Mean cover (MC) (%) ( $\pm$  standard error ( $\pm$ SE), in italics) of algal taxa and functional-morphological groups per station and depth.

SPECIES	SV. IVAN 1						SV. IVAN 2						SV. IVAN 3						
	<u>1.5 m</u>		<u>5 m</u>		<u>25 m</u>		<u>1.5 m</u>		<u>5 m</u>		<u>25 m</u>		<u>1.5 m</u>		<u>5 m</u>		<u>25 m</u>		
	MC	$\pm$ SE	MC	$\pm$ SE	MC	$\pm$ SE	MC	$\pm$ SE	MC	$\pm$ SE	MC	$\pm$ SE	MC	$\pm$ SE	MC	$\pm$ SE	MC	$\pm$ SE	
ARTICULATED CALCAREOUS																			
<i>Corallina officinalis</i>	43.00	22.28	10.00	8.02	-	-	9.67	6.49	8.00	8.00	-	-	76.67	4.41	2.00	1.53	-	-	
<i>Amphiroa rigida</i>	-	-	5.33	5.33	-	-	-	-	3.33	2.40	-	-	-	-	-	-	-	-	
<i>Halimeda tuna</i>	7.33	3.71	0.33	0.33	-	-	2.67	1.76	1.67	1.67	-	-	2.67	2.67	0.33	0.33	1.33	1.33	
<i>Halitilton</i> sp.	5.33	2.67	-	-	-	-	13.67	2.73	11.67	8.01	-	-	2.67	2.67	-	-	-	-	
<i>Jania</i> spp.	-	-	3.33	3.33	-	-	3.00	1.53	-	-	-	-	8.33	4.41	9.00	2.00	-	-	
<b>SUM</b>	<b>55.67</b>	<b>19.72</b>	<b>19.00</b>	<b>9.87</b>	-	-	<b>29.00</b>	<b>8.08</b>	<b>24.67</b>	<b>16.18</b>	-	-	<b>90.33</b>	<b>3.71</b>	<b>11.33</b>	<b>1.20</b>	<b>1.33</b>	<b>1.33</b>	
CORTICATED																			
<i>Alsidium</i> sp.	17.33	17.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Botryocladia botryoides</i>	1.33	1.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Champia parvula</i>	-	-	-	-	-	-	-	-	0.67	0.67	-	-	-	-	-	-	-	-	
<i>Chondracanthus acicularis</i>	1.00	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Eupogodon</i> sp.	-	-	-	-	-	-	-	-	-	-	0.67	0.67	-	-	-	-	-	-	
<i>Tricleocarpa fragilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.33	2.33	-	-	
<i>Gastroclonium clavatum</i>	-	-	-	-	-	-	-	-	0.33	0.33	1.33	0.67	-	-	-	-	-	-	
<i>Gelidium spinosum</i>	-	-	6.33	3.48	-	-	-	-	-	-	-	-	-	-	5.00	5.00	-	-	
<i>Gracilaria</i> sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Laurencia glandulifera</i>	-	-	-	-	-	-	9.67	9.67	-	-	-	-	-	-	-	-	-	-	
<i>Laurencia obtusa</i>	11.33	5.93	2.33	2.33	-	-	49.00	11.93	-	-	-	-	38.33	23.62	0.33	0.33	-	-	
<i>Rodriguezella</i> sp.	0.67	0.67	0.67	0.67	-	-	-	-	-	-	5.67	3.48	-	-	-	-	2.33	1.20	
<b>SUM</b>	<b>31.67</b>	<b>23.25</b>	<b>9.33</b>	<b>6.17</b>	-	-	<b>58.67</b>	<b>8.45</b>	<b>1.00</b>	<b>1.00</b>	<b>7.67</b>	<b>4.26</b>	<b>38.33</b>	<b>23.62</b>	<b>7.67</b>	<b>4.33</b>	<b>2.33</b>	<b>1.20</b>	
ENCRUSTING																			
<i>Codium effusum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.33	6.33	-	-	
encrusting rose coloured	1.00	1.00	2.67	2.67	24.67	3.84	-	-	5.67	5.67	5.33	2.67	-	-	3.33	2.40	11.33	1.45	
<i>Neogoniolithon brassica-florida</i>	1.00	1.00	-	-	-	-	-	-	-	-	1.67	1.67	-	-	-	-	-	-	
<i>Peyssonnelia heteromorpha</i>	-	-	16.67	3.48	-	-	-	-	37.00	21.66	-	-	-	-	33.00	13.43	-	-	
encrusting bordeaux coloured	-	-	-	-	-	-	-	-	-	-	2.67	2.67	-	-	-	-	-	-	
<i>Peyssonnelia rubra</i>	-	-	31.67	5.49	1.33	1.33	-	-	45.67	12.99	6.67	3.53	1.33	0.67	36.33	16.50	6.00	1.00	

<i>Valonia utricularis</i>	2.00	2.00	-	-	-	-	1.00	1.00	0.33	0.33	-	-	-	-	-	-	-	-	
<i>Zanardinia typus</i>	1.67	1.67	0.67	0.67	-	-	-	-	4.00	1.53	4.67	2.40	-	-	3.67	0.88	1.00	1.00	
<b>SUM</b>	<b>5.67</b>	<b>5.67</b>	<b>51.67</b>	<b>8.09</b>	<b>26.00</b>	<b>3.79</b>	<b>1.00</b>	<b>1.00</b>	<b>92.67</b>	<b>20.17</b>	<b>21.00</b>	<b>3.51</b>	<b>1.33</b>	<b>0.67</b>	<b>82.67</b>	<b>4.06</b>	<b>18.33</b>	<b>2.33</b>	
<b>FILAMENTOUS</b>																			
<i>Vertebrata fruticulosa</i>	-	-	1.00	0.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Ceramium</i> sp.	1.00	1.00	-	-	1.00	1.00	-	-	-	-	2.33	2.33	-	-	-	-	-	-	
<i>Cladophora</i> spp.	-	-	-	-	17.33	13.98	-	-	2.67	1.45	-	-	-	-	5.33	2.91	-	-	
<i>Ectocarpus</i> sp.	4.33	4.33	-	-	-	-	-	-	-	-	-	-	1.00	1.00	-	-	-	-	
filamentous 2 (brown fluffy)	0.67	0.67	0.67	0.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
filamentous 1	-	-	-	-	5.33	2.91	-	-	-	-	-	-	1.00	1.00	2.00	1.00	-	-	
<i>Carradoriella elongata</i>	1.67	1.67	-	-	-	-	7.33	2.03	-	-	-	-	-	-	-	-	1.67	1.67	
<i>Polysiphonia</i> sp.	-	-	1.33	0.67	5.33	2.91	-	-	2.33	1.20	11.00	5.57	1.67	0.88	-	-	19.00	6.11	
<i>Sphacelaria cirrosa</i>	2.00	2.00	0.67	0.67	-	-	-	-	0.67	0.67	4.33	1.67	1.00	1.00	-	-	5.33	0.67	
<i>Sphacelaria plumula</i>	-	-	-	-	10.00	5.13	-	-	-	-	6.33	4.10	-	-	-	-	4.67	2.40	
<i>Wrangelia penicillata</i>	1.33	1.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Chaetomorpha linum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>SUM</b>	<b>11.00</b>	<b>5.57</b>	<b>3.67</b>	<b>1.86</b>	<b>39.00</b>	<b>5.20</b>	<b>7.33</b>	<b>2.03</b>	<b>5.67</b>	<b>2.85</b>	<b>24.00</b>	<b>9.07</b>	<b>4.67</b>	<b>2.60</b>	<b>7.33</b>	<b>2.19</b>	<b>30.67</b>	<b>10.27</b>	
<b>FOLIOSE</b>																			
<i>Cutleria multifida</i>	0.67	0.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Dictyota dichotoma</i>	3.33	2.03	6.67	3.71	0.33	0.33	14.67	5.21	34.00	18.90	8.33	5.90	29.00	25.50	4.00	2.08	3.00	1.00	
<i>Dictyota dichotoma</i> var. <i>intricata</i>	6.00	6.00	-	-	-	-	-	-	-	-	2.33	2.33	-	-	-	-	-	-	
<i>Flabellia petiolata</i>	-	-	18.67	18.67	-	-	-	-	13.00	13.00	-	-	-	-	-	-	-	-	
<i>Rhodymenia ardissoni</i>	-	-	0.67	0.67	-	-	-	-	0.67	0.67	-	-	-	-	-	-	-	-	
<i>Apoglossum ruscifolium</i>	-	-	-	-	-	-	-	-	-	-	1.00	1.00	-	-	-	-	-	-	
foliose	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.67	1.45	
<i>Padina pavonica</i>	3.33	1.76	19.00	12.66	-	-	66.00	7.00	33.33	10.68	-	-	21.67	11.20	25.67	21.79	-	-	
<i>Rhodymenia</i> sp.	4.33	2.19	-	-	2.67	1.33	-	-	-	-	1.33	1.33	-	-	-	-	-	-	
<i>Schottera nicaeensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>SUM</b>	<b>17.67</b>	<b>2.96</b>	<b>45.00</b>	<b>14.22</b>	<b>3.00</b>	<b>1.53</b>	<b>80.67</b>	<b>7.31</b>	<b>81.00</b>	<b>23.97</b>	<b>13.00</b>	<b>7.02</b>	<b>50.67</b>	<b>22.88</b>	<b>29.67</b>	<b>19.88</b>	<b>8.67</b>	<b>1.86</b>	
<b>LEATHERY</b>																			
<i>Cystoseira compressa</i>	-	-	-	-	-	-	0.67	0.67	-	-	-	-	-	-	-	-	-	-	
<b>SUM</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.67</b>	<b>0.67</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>TOTAL ALGAL COVER</b>	<b>121.7</b>	<b>41.4</b>	<b>128.7</b>	<b>15.4</b>	<b>68.0</b>	<b>3.8</b>	<b>177.3</b>	<b>22.4</b>	<b>205.0</b>	<b>44.6</b>	<b>65.7</b>	<b>15.2</b>	<b>185.3</b>	<b>22.2</b>	<b>138.7</b>	<b>25.8</b>	<b>61.3</b>	<b>12.0</b>	

**Table S2.** Mean abundance (MA) ( $\pm$  standard error ( $\pm$ SE), in italics) of Polychaete taxa per station and depth. In bold values of most abundant taxa on each station and depth.

SPECIES	SV. IVAN 1						SV. IVAN 2						SV. IVAN 3						
	1.5 m		5 m		25 m		1.5 m		5 m		25 m		1.5 m		5 m		25 m		
	MA	$\pm$ SE	MA	$\pm$ SE	MA	$\pm$ SE	MA	$\pm$ SE	MA	$\pm$ SE	MA	$\pm$ SE	MA	$\pm$ SE	MA	$\pm$ SE	MA	$\pm$ SE	
AMPHINOMIDAE																			
<i>Chloenopsis atlantica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARENICOLIDAE																			
<i>Branchiomaldane vincenti</i>	0.33	0.33	-	-	-	-	3.67	1.76	-	-	-	-	-	-	-	-	-	-	-
CAPITELLIDAE																			
<i>Notomastus</i> sp.	-	-	-	-	-	-	-	-	0.33	0.33	-	-	-	-	-	-	-	-	-
Capitellidae indet.	-	-	-	-	-	-	-	-	0.33	0.33	-	-	-	-	-	-	-	-	-
CHRYSOPETALIDAE																			
<i>Chrysopetalum debile</i>	-	-	0.67	0.33	-	-	0.33	0.33	2.33	0.88	0.33	0.33	1.67	0.88	1.67	1.20	0.33	0.33	
CIRRATULIDAE																			
<i>Caulleriella bioculata</i>	-	-	0.33	0.33	-	-	0.67	0.67	0.33	0.33	-	-	-	-	-	-	1.00	1.00	
<i>Dodecaceria concharum</i>	3.00	1.00	-	-	0.33	0.33	1.67	1.20	-	-	-	-	0.33	0.33	0.33	0.33	0.33	0.33	
<i>Timarete filigera</i>	-	-	0.33	0.33	-	-	-	-	-	-	-	-	-	-	-	-	0.33	0.33	
DORVILLEIDAE																			
<i>Dorvillea rubrovittata</i>	-	-	0.33	0.33	-	-	-	-	1.00	0.58	-	-	-	-	1.33	0.88	-	-	
EUNICIDAE																			
<i>Eunice oerstedii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33	0.33	-	-	
<i>Eunice schizobranchia</i>	-	-	-	-	-	-	-	-	-	-	0.33	0.33	-	-	-	-	-	-	
<i>Eunice vittata</i>	-	-	-	-	0.33	0.33	-	-	0.67	0.33	0.67	0.33	0.33	0.33	0.33	0.33	-	-	
<i>Lysidice collaris</i>	-	-	0.33	0.33	0.67	0.33	-	-	0.33	0.33	-	-	-	-	0.67	0.67	0.33	0.33	
<i>Lysidice ninetta</i>	0.33	0.33	0.67	0.67	-	-	0.67	0.33	0.33	0.33	-	-	0.33	0.33	-	-	0.33	0.33	
<i>Lysidice unicornis</i>	0.67	0.33	0.33	0.33	-	-	<b>4.33</b>	<b>1.45</b>	-	-	-	-	2.00	0.58	1.00	-	0.33	0.33	
<i>Palola siciliensis</i>	-	-	1.00	0.58	-	-	-	-	0.33	0.33	0.67	0.33	-	-	1.67	1.20	0.33	0.33	
EUPHROSINIDAE																			
<i>Euphrosne foliosa</i>	-	-	0.33	0.33	-	-	-	-	-	-	0.33	0.33	0.33	0.33	0.33	0.33	-	-	
GLYCERIDAE																			
<i>Glycera tessellata</i>	-	-	-	-	1.00	0.58	-	-	-	-	1.33	0.33	-	-	-	-	1.33	0.67	
HESIONIDAE																			
<i>Hesiospina aurantiaca</i>	-	-	-	-	-	-	-	-	-	-	0.33	0.33	-	-	-	-	-	-	

## LUMBRINERIDAE

<i>Lumbrineris coccinea</i>	-	-	0.33	0.33	-	-	-	-	-	-	-	-	-	-	0.33	0.33	-	-
<i>Scoletoma funchalensis</i>	-	-	-	-	0.33	0.33	-	-	0.33	0.33	0.33	0.33	-	-	-	-	-	-

## NEREIDIDAE

<i>Ceratonereis costae</i>	-	-	0.33	0.33	0.33	0.33	-	-	<b>4.33</b>	<b>1.86</b>	-	-	3.33	2.40	1.33	0.88	-	-
<i>Ceratonereis hircinicola</i>	-	-	-	-	-	-	-	-	0.67	0.67	-	-	-	-	-	-	-	-
<i>Nereis perivisceralis</i>	-	-	0.67	0.67	0.67	0.67	-	-	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	2.33	0.88
<i>Nereis persica</i>	-	-	-	-	-	-	0.33	0.33	-	-	-	-	-	-	-	-	-	-
<i>Nereis pulsatoria</i>	1.33	0.88	1.33	0.33	-	-	2.67	1.20	1.33	0.88	-	-	<b>5.33</b>	<b>1.20</b>	0.33	0.33	0.33	0.33
<i>Nereis rava</i>	-	-	4.00	1.00	-	-	0.67	0.33	1.67	0.67	1.67	0.33	1.67	0.88	2.33	1.20	1.67	0.33
<i>Nereis splendida</i>	-	-	0.33	0.33	-	-	0.33	0.33	0.33	0.33	-	-	-	-	-	-	-	-
<i>Nereis usticensis</i>	-	-	-	-	-	-	<b>32.00</b>	<b>6.51</b>	-	-	-	-	1.00	1.00	0.33	0.33	-	-
<i>Nereis</i> sp. 1	0.67	0.67	<b>6.33</b>	<b>2.33</b>	-	-	0.33	0.33	<b>4.33</b>	<b>2.03</b>	1.00	0.58	2.33	1.33	3.00	1.15	0.67	0.67
<i>Nereis</i> sp. 2	0.67	0.67	0.33	0.33	0.33	0.33	0.67	0.67	-	-	-	-	0.67	0.67	1.00	-	-	-
<i>Platynereis dumerilii</i>	<b>9.33</b>	<b>1.67</b>	<b>4.67</b>	<b>0.67</b>	-	-	<b>5.33</b>	<b>1.67</b>	3.00	0.58	0.67	0.33	3.67	1.45	3.00	2.52	0.67	0.33
Nereididae indet.	0.67	0.33	3.33	1.33	0.33	0.33	<b>5.00</b>	<b>2.31</b>	<b>4.33</b>	<b>1.86</b>	-	-	0.33	0.33	<b>4.33</b>	<b>1.45</b>	-	-

## OENONIDAE

<i>Arabella iricolor</i>	0.33	0.33	-	-	-	-	0.33	0.33	-	-	-	-	2.33	1.33	-	-	-	-
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## OPHELIIDAE

<i>Polyophthalmus pictus</i>	-	-	0.33	0.33	-	-	-	-	0.33	0.33	-	-	0.67	0.67	-	-	0.33	0.33
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## ORBINIIDAE

<i>Naineris laevigata</i>	-	-	-	-	-	-	-	-	-	-	-	-	0.33	0.33	-	-	-	-
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## PARAONIDAE

<i>Paradoneis lyra</i>	0.33	0.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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## PHYLLODOCIDAE

<i>Eulalia tripunctata</i>	-	-	-	-	0.33	0.33	-	-	-	-	-	-	-	-	-	-	-	-
<i>Eulalia</i> sp.	-	-	-	-	-	-	-	-	0.33	0.33	-	-	-	-	0.33	0.33	-	-
<i>Eumida sanguinea</i>	-	-	-	-	0.33	0.33	-	-	-	-	-	-	-	-	-	-	0.33	0.33
<i>Phyllodoce madeirensis</i>	-	-	-	-	-	-	-	-	-	-	0.33	0.33	-	-	-	-	-	-

## POLYNOIDAE

<i>Harmothoe</i> sp.	-	-	1.67	1.20	-	-	-	-	1.33	0.33	0.33	0.33	1.00	-	0.67	0.67	0.33	0.33
<i>Lepidonotus clava</i>	-	-	0.33	0.33	-	-	-	-	0.67	0.33	-	-	0.33	0.33	-	-	-	-
<i>Lepidonotus tenuisetosus</i>	-	-	-	-	-	-	-	-	0.33	0.33	0.33	0.33	-	-	-	-	-	-
<i>Malmgrenia</i> sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.67	0.67	-	-

## SABELLIDAE

<i>Amphicorina rovigensis</i>	-	-	0.33	0.33	-	-	-	-	<b>9.33</b>	<b>8.84</b>	0.67	0.67	-	-	0.33	0.33	-	-
<i>Amphiglena mediterranea</i>	<b>7.67</b>	<b>0.88</b>	<b>14.00</b>	<b>6.24</b>	0.33	0.33	<b>13.33</b>	<b>6.94</b>	<b>31.00</b>	<b>6.51</b>	0.33	0.33	<b>8.00</b>	<b>2.08</b>	<b>7.67</b>	<b>3.71</b>	0.33	0.33
<i>Euratella salmacidis</i>	-	-	-	-	-	-	-	-	-	-	0.33	0.33	-	-	-	-	-	-
<i>Hypsicomus stichophthalmos</i>	0.33	0.33	-	-	<b>7.67</b>	<b>7.67</b>	-	-	-	-	1.67	1.67	-	-	-	-	-	-
<i>Jasmineira</i> sp.	-	-	-	-	-	-	-	-	-	-	0.33	0.33	-	-	-	-	-	-
<i>Parasabella saxicola</i>	-	-	-	-	0.33	0.33	-	-	-	-	-	-	-	-	-	-	-	-
<i>Parasabella</i> sp. 1	0.67	0.33	0.33	0.33	-	-	-	-	1.33	0.88	-	-	-	-	0.33	0.33	0.67	0.33
<i>Parasabella</i> sp. 2	0.33	0.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33	0.33
<i>Perkinsiana rubra</i>	-	-	-	-	1.33	0.88	-	-	-	-	-	-	-	-	-	-	-	-
<i>Perkinsiana socialis</i>	-	-	-	-	-	-	-	-	0.33	0.33	-	-	-	-	-	-	-	-
<i>Pseudofabricia aberrans</i>	-	-	-	-	-	-	0.33	0.33	-	-	-	-	-	-	-	-	-	-
<i>Pseudopotamilla</i> cf. <i>reniformis</i>	-	-	0.33	0.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Pseudopotamilla</i> sp.	-	-	0.33	0.33	-	-	-	-	-	-	-	-	-	-	0.33	0.33	0.33	0.33
SERPULIDAE																		
<i>Hydroides pseudouncinata</i>	-	-	-	-	-	-	-	-	-	-	0.33	0.33	-	-	-	-	-	-
<i>Serpula concharum</i>	-	-	1.33	0.88	-	-	-	-	-	-	0.33	0.33	-	-	1.00	0.58	-	-
<i>Serpula vermicularis</i>	-	-	-	-	0.33	0.33	-	-	-	-	-	-	-	-	-	-	-	-
<i>Spirobranchus triqueter</i>	-	-	0.67	0.67	1.00	0.58	-	-	0.33	0.33	3.00	1.53	-	-	0.33	0.33	-	-
<i>Vermiliopsis infundibulum</i>	0.33	0.33	1.00	0.58	-	-	-	-	-	-	2.33	2.33	-	-	-	-	-	-
<i>Vermiliopsis labiata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33	0.33
<i>Vermiliopsis striaticeps</i>	-	-	0.33	0.33	-	-	-	-	0.33	0.33	-	-	-	-	0.67	0.67	-	-
SYLLIDAE																		
<i>Amblyosyllis formosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33	0.33	-	-
<i>Branchiosyllis exilis</i>	-	-	-	-	-	-	0.33	0.33	0.67	0.67	-	-	-	-	0.33	0.33	-	-
<i>Brania pusilla</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33	0.33	-	-
<i>Eurysyllis tuberculata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33	0.33	-	-
<i>Eusyllis lamelligera</i>	-	-	-	-	-	-	-	-	-	-	-	-	0.67	0.67	-	-	-	-
<i>Epigamia macrophthalma</i>	-	-	-	-	-	-	-	-	-	-	-	-	0.33	0.33	-	-	-	-
<i>Exogone dispar</i>	3.33	1.45	3.00	1.00	0.33	0.33	-	-	2.33	0.33	-	-	<b>5.33</b>	<b>2.03</b>	<b>5.67</b>	<b>2.03</b>	-	-
<i>Exogone rostrata</i>	-	-	-	-	0.33	0.33	-	-	0.33	0.33	0.33	0.33	-	-	-	-	0.67	0.67
<i>Haplosyllis spongicola</i>	-	-	-	-	0.67	0.33	0.33	0.33	1.00	-	0.33	0.33	-	-	1.67	1.67	1.67	0.67
<i>Myrianida brachycephala</i>	-	-	0.67	0.33	1.33	0.88	-	-	-	-	0.33	0.33	-	-	1.33	0.88	-	-
<i>Myrianida convoluta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33	0.33
<i>Myrianida edwarsi</i>	0.33	0.33	1.33	0.88	-	-	-	-	-	-	0.33	0.33	-	-	1.00	0.58	-	-
<i>Myrianida quindecimdentata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33	0.33	-	-

<i>Myrianida rubropunctata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.33	1.33
<i>Nudisyllis pulligera</i>	-	-	-	-	-	-	0.33	0.33	-	-	-	-	-	-	-	-	-	-	-
<i>Odontosyllis ctenostoma</i>	-	-	4.00	2.08	-	-	1.00	0.58	2.67	2.19	-	-	-	-	0.67	0.33	-	-	-
<i>Odontosyllis fulgurans</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33	0.33	-
<i>Paraehlersia cf dionisi</i>	-	-	-	-	-	-	-	-	-	-	0.33	0.33	-	-	-	-	-	-	-
<i>Paraehlersia ferrugina</i>	0.33	0.33	-	-	0.33	0.33	1.00	-	-	-	-	-	-	0.67	0.67	-	-	-	-
<i>Proceraea aurantiaca</i>	0.67	0.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Salvatoria clavata</i>	0.33	0.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Sphaerosyllis hystrix</i>	0.67	0.67	-	-	-	-	0.33	0.33	-	-	-	-	-	0.33	0.33	0.67	0.67	-	-
<i>Sphaerosyllis pirifera</i>	<b>8.67</b>	<b>4.98</b>	3.33	1.33	1.67	0.67	0.33	0.33	<b>4.33</b>	<b>1.20</b>	<b>8.33</b>	<b>5.36</b>	<b>5.00</b>	<b>1.15</b>	<b>9.33</b>	<b>2.91</b>	<b>16.33</b>	<b>4.10</b>	-
<i>Syllis armillaris</i>	0.67	0.67	2.00	0.58	<b>4.33</b>	<b>2.33</b>	-	-	1.00	0.58	<b>18.67</b>	<b>4.18</b>	2.33	0.33	2.67	2.19	<b>16.67</b>	<b>3.18</b>	-
<i>Syllis beneliahuae</i>	0.33	0.33	0.33	0.33	-	-	-	-	-	-	1.00	0.58	0.33	0.33	-	-	-	-	-
<i>Syllis corallicola</i>	-	-	2.33	0.88	-	-	-	-	<b>5.33</b>	<b>1.86</b>	0.33	0.33	3.00	2.52	1.67	0.33	1.00	-	-
<i>Syllis ferrani</i>	-	-	-	-	0.33	0.33	-	-	-	-	0.67	0.33	-	-	-	-	1.67	0.67	-
<i>Syllis garciai</i>	-	-	0.33	0.33	0.33	0.33	-	-	-	-	0.33	0.33	-	-	-	-	1.33	0.88	-
<i>Syllis gerlachi</i>	-	-	<b>5.67</b>	<b>3.71</b>	1.00	-	0.33	0.33	2.00	1.15	3.33	0.88	0.33	0.33	1.33	0.88	<b>8.00</b>	<b>0.58</b>	-
<i>Syllis gracilis</i>	-	-	-	-	<b>5.33</b>	<b>1.76</b>	-	-	1.00	0.58	<b>9.33</b>	<b>2.60</b>	0.67	0.67	1.00	0.58	<b>5.33</b>	<b>1.45</b>	-
<i>Syllis krohnii</i>	2.00	1.15	-	-	-	-	-	-	0.33	0.33	-	-	1.00	0.58	-	-	-	-	-
<i>Syllis prolifera</i>	-	-	<b>5.00</b>	<b>3.21</b>	-	-	<b>9.67</b>	<b>2.85</b>	<b>8.67</b>	<b>3.84</b>	1.67	1.67	<b>6.67</b>	<b>6.17</b>	2.33	1.86	1.33	0.88	-
<i>Syllis rosea</i>	<b>15.33</b>	<b>11.84</b>	0.67	0.33	-	-	<b>4.67</b>	<b>2.67</b>	0.33	0.33	-	-	1.00	0.58	0.33	0.33	-	-	-
<i>Syllis variegata</i>	-	-	3.00	2.08	0.33	0.33	-	-	3.33	0.67	3.00	0.58	1.00	-	3.67	0.88	1.33	1.33	-
<i>Syllis westheidei</i>	-	-	-	-	-	-	<b>4.33</b>	<b>1.67</b>	2.33	0.67	-	-	0.33	0.33	0.33	0.33	-	-	-
<i>Synmerosyllis lamelligera</i>	0.33	0.33	-	-	-	-	-	-	0.33	0.33	-	-	-	-	-	-	-	-	-
<i>Trypanosyllis coeliaca</i>	0.67	0.33	-	-	-	-	1.33	0.33	0.33	0.33	-	-	0.33	0.33	-	-	0.33	0.33	-
<i>Trypanosyllis zebra</i>	-	-	0.33	0.33	-	-	-	-	0.33	0.33	-	-	0.67	0.33	0.33	0.33	-	-	-
<i>Xenosyllis scabra</i>	-	-	0.33	0.33	-	-	-	-	1.33	0.67	-	-	1.00	-	0.67	0.33	-	-	-
<b>TEREBELLIDAE</b>																			
<i>Pista cf. cretacea</i>	-	-	-	-	-	-	-	-	-	-	-	-	0.33	0.33	-	-	-	-	-
<i>Polycirrus</i> sp.	-	-	0.67	0.33	-	-	0.33	0.33	1.33	0.33	0.33	0.33	-	-	1.67	0.33	1.00	0.58	-
Terebellidae indet.	-	-	-	-	-	-	-	-	1.00	0.58	-	-	0.33	0.33	-	-	-	-	-

**Table S3.** Results of PERMANOVA pair-wise and PERMDISP analyses testing for differences in abundance (N), species richness (S), Hill's species diversity index (N1), Hill's evenness index (N10) and structure (Stru) of polychaete assemblages: between stations, separately for each depth and between depths, separately for each station. Up, unique perms; t, t-test; P (perm), probability; P (MC), Monte Carlo probability. Significant P-values ( $p < 0.05$ ) are given in bold.

<b>Group</b>										
<b>N</b>	1.5 m			5 m			25 m			
	Station	Up	t	P (MC)	Up	T	P (MC)	Up	t	P (MC)
	A, B	10	2.0171	0.1184	10	1.1051	0.3235	10	2.4089	0.0716
	A, C	9	0.38679	0.7131	10	0.51922	0.6283	10	3.3005	<b>0.033</b>
	B, C	9	1.5342	0.1997	10	1.2422	0.2858	9	0.592	0.5789
	Station A			Station B			Station C			
	Depth	Up	t	P (MC)	Up	T	P (MC)	Up	t	P (MC)
	1.5, 5	7	1.3521	0.2437	10	0.49697	0.6437	10	0.34213	0.7478
	1.5, 25	10	1.5735	0.1939	10	2.0835	0.1073	9	0.25117	0.8181
	5, 25	9	3.7632	<b>0.0195</b>	10	1.5052	0.2076	10	0.22979	0.8271
<b>S</b>	1.5 m			5 m			25 m			
	Station	Up	t	P (MC)	Up	T	P (MC)	Up	t	P (MC)
	A, B	6	2.9104	<b>0.0441</b>	8	1.2395	0.2817	5	2.7143	0.0522
	A, C	6	3.1502	<b>0.0371</b>	9	0.44368	0.6822	7	2.8571	<b>0.0461</b>
	B, C	10	1.7056	0.1588	7	0.5671	0.5986	5	0.19612	0.8527
	Station A			Station B			Station C			
	Depth	Up	t	P (MC)	Up	T	P (MC)	Up	t	P (MC)
	1.5, 5	6	7.298	<b>0.0024</b>	10	3.5301	<b>0.0274</b>	9	0.88707	0.4305
	1.5, 25	4	0.79057	0.4798	4	0.39223	0.7159	7	1.3858	0.2393
	5, 25	7	5.3936	<b>0.0063</b>	9	3.334	<b>0.0285</b>	7	2.2727	0.0824
<b>N1</b>	1.5 m			5 m			25 m			
	Station	Up	t	P (MC)	Up	T	P (MC)	Up	t	P (MC)
	A, B	10	0.3661	0.7332	10	0.62928	0.5696	10	3.0405	<b>0.0384</b>
	A, C	10	2.9241	<b>0.042</b>	10	0.81676	0.4518	10	2.0006	0.122
	B, C	10	2.9857	<b>0.0399</b>	10	1.6652	0.1708	10	0.17917	0.8709
	Station A			Station B			Station C			
	Depth	Up	t	P (MC)	Up	T	P (MC)	Up	t	P (MC)
	1.5, 5	10	3.5715	<b>0.0212</b>	10	5.5877	<b>0.0046</b>	10	0.82175	0.463
	1.5, 25	10	0.13555	0.8991	10	2.1169	0.1047	10	2.2173	0.0899
	5, 25	10	4.0917	<b>0.0147</b>	10	4.4598	<b>0.0115</b>	10	3.8297	<b>0.0181</b>
<b>N10</b>	1.5 m			5 m			25 m			
	Station	Up	t	P (MC)	Up	T	P (MC)	Up	t	P (MC)
	A, B	10	1.0984	0.3315	10	1.6872	0.1671	10	0.99855	0.3723
	A, C	10	1.4937	0.2059	10	0.94186	0.402	10	0.99884	0.3744
	B, C	10	4.4042	<b>0.0128</b>	10	3.2522	<b>0.0339</b>	10	0.029366 E	0.9786
	Station A			Station B			Station C			
	Depth	Up	t	P (MC)	Up	T	P (MC)	Up	t	P (MC)
	1.5, 5	10	0.736	0.5039	10	0.4598	0.6664	10	0.18767	0.8595

	1.5, 25	10	0.67684	0.5424	10	0.91904	0.3992	10	2.3901	0.0768			
	5, 25	10	0.17101	0.872	10	0.4029	0.7186	10	2.5751	0.0623			
<b>Stru</b>	1.5 m			5 m			25 m						
	Station	Up	t	P (MC)	Up	T	P (MC)	Up	t	P (MC)			
	A, B	10	2.2235	<b>0.02</b>	10	1.033	0.3859	10	1.3353	0.1714			
	A, C	10	1.365	0.1607	10	0.85521	0.5943	10	1.6917	0.0672			
	B, C	10	2.1947	<b>0.0224</b>	10	1.2475	0.2319	10	1.1824	0.2767			
	PERMDISP												
		t	P (perm)										
		4.7697	0.0986										
		-	-										
		3.0075	0.0964										
	Station A			Station B			Station C						
Depth	Up	t	P (MC)		Up	t	P (MC)		Up	t	P (MC)		
	1.5, 5	10	1.6476	0.0669		10	2.3208	<b>0.0174</b>		10	1.1491	0.2946	
	1.5, 25	10	2.0331	<b>0.0289</b>		10	3.2964	<b>0.0044</b>		10	2.4801	<b>0.0129</b>	
	5, 25	10	1.9128	<b>0.0378</b>		10	2.4732	<b>0.0128</b>		10	1.9381	<b>0.0399</b>	
	PERMDISP				PERMDISP				PERMDISP				
		t	P(perm)		t	P(perm)		t	P (perm)				
		-	-		0.92052	0.506		-	-				
		7.8631	0.0995		1.7208	0.2034		3.792	0.0957				
		3.6151	0.104		0.31135	0.8059		4.646	0.1041				

**Table S4.** Results of SIMPER analyses (cut-off 70%) used to identify taxa that mostly contribute to faunal dissimilarity between stations at each depth. Species contributing to dissimilarity with more than 4% are marked with asterisk. Av.Ab = mean abundance, Diss = mean dissimilarity, Diss/SD = dissimilarity/standard deviation, Contrib% = contribution relative to single taxon, Cum% = cumulative contribution.

Groups	Species	Av. Ab	Av.Ab	Diss	Diss/S D	Contrib%	Cum%
<b>Diss</b>		<b>Group 1.5A</b>	<b>Group 1.5B</b>				
1.5A & 1.5B	<i>Nereis usticensis</i> *	0.00	32.00	20.31	4.16	27.04	27.04
<b>75.11%</b>	<i>Syllis rosea</i> *	15.33	4.67	7.84	0.89	10.44	37.47
	<i>Amphiglena mediterranea</i> *	7.67	13.33	6.57	1.73	8.74	46.22
	<i>Syllis prolifera</i> *	0.00	9.67	6.31	2.07	8.40	54.61
	<i>Sphaerosyllis pirifera</i> *	8.67	0.33	5.20	1.06	6.93	61.54
	<i>Platynereis dumerilii</i> *	9.33	5.33	3.05	1.29	4.06	65.60
	Nereididae juv. indet.	0.67	5.00	2.91	1.27	3.88	69.48
	<i>Syllis westheidei</i>	0.00	4.33	2.85	1.60	3.79	73.27
		<b>Group 1.5A</b>	<b>Group 1.5C</b>				
1.5A & 1.5C	<i>Syllis rosea</i> *	15.33	1.00	9.87	0.84	15.69	15.69
<b>62.92%</b>	<i>Sphaerosyllis pirifera</i> *	8.67	5.00	5.19	1.20	8.25	23.94
	<i>Platynereis dumerilii</i> *	9.33	3.67	4.94	1.34	7.85	31.79
	<i>Syllis prolifera</i> *	0.00	6.67	4.43	0.72	7.04	38.83
	<i>Nereis pulsatoria</i> *	1.33	5.33	2.96	1.87	4.71	43.54
	<i>Exogone dispar</i> *	3.33	5.33	2.62	1.37	4.17	47.71
	<i>Ceratonereis (Composetia) costae</i> *	0.00	3.33	2.58	0.86	4.09	51.81
	<i>Amphiglena mediterranea</i>	7.67	8.00	2.33	1.32	3.70	55.51
	<i>Dodecaceria concharum</i>	3.00	0.33	2.03	2.01	3.23	58.74
	<i>Syllis corallicola</i>	0.00	3.00	2.02	0.81	3.21	61.95



<i>Nereis</i> sp. 1	0.67	2.33	1.55	1.41	2.46	64.41
<i>Nereis rava</i>	0.00	1.67	1.46	1.26	2.32	66.73
<i>Arabella iricolor</i>	0.33	2.33	1.43	1.07	2.27	69.00
<i>Syllis krohnii</i>	2.00	1.00	1.35	1.24	2.14	71.14

		Group 1.5B	Group 1.5C				
1.5B & 1.5C	<i>Nereis usticensis</i> *	32.00	1.00	18.85	3.65	25.64	25.64
<b>73.50%</b>	<i>Amphiglena mediterranea</i> *	13.33	8.00	6.17	1.70	8.39	34.03
	<i>Syllis prolifera</i> *	9.67	6.67	5.74	1.98	7.82	41.85
	<i>Exogone dispar</i> *	0.00	5.33	3.19	2.00	4.34	46.19
	<i>Sphaerosyllis pirifera</i> *	0.33	5.00	2.99	1.92	4.07	50.26
	Nereididae juv. indet.*	5.00	0.33	2.95	1.36	4.02	54.28
	<i>Syllis westheidei</i>	4.33	0.33	2.50	1.47	3.41	57.68
	<i>Syllis rosea</i>	4.67	1.00	2.22	0.89	3.02	60.70
	<i>Branchiomaldane vincenti</i>	3.67	0.00	2.18	1.53	2.97	63.68
	<i>Ceratonereis (Composetia) costae</i>	0.00	3.33	2.00	0.88	2.71	66.39
	<i>Platynereis dumerilii</i>	5.33	3.67	1.89	1.41	2.57	68.96
	<i>Nereis pulsatoria</i>	2.67	5.33	1.86	1.75	2.52	71.48

		Group 5A	Group 5B				
5A & 5B	<i>Amphiglena mediterranea</i> *	14.00	31.00	9.53	2.05	18.41	18.41
<b>51.76%</b>	<i>Amphicorina rovigensis</i> *	0.33	9.33	3.83	0.72	7.39	25.80
	<i>Syllis prolifera</i> *	5.00	8.67	3.41	1.36	6.60	32.40
	<i>Syllis gerlachi</i> *	5.67	2.00	2.55	1.01	4.92	37.32
	<i>Nereis</i> sp. 1*	6.33	4.33	2.26	1.17	4.37	41.69
	<i>Odontosyllis ctenostoma</i>	4.00	2.67	1.93	1.13	3.72	45.41
	<i>Ceratonereis (Composetia) costae</i>	0.33	4.33	1.91	1.95	3.68	49.09
	<i>Syllis variegata</i>	3.00	3.33	1.55	1.84	3.00	52.09
	<i>Syllis corallicola</i>	2.33	5.33	1.52	1.41	2.95	55.03
	<i>Nereis rava</i>	4.00	1.67	1.34	2.01	2.58	57.61
	Nereididae juv. indet.	3.33	4.33	1.23	1.13	2.37	59.99
	<i>Sphaerosyllis pirifera</i>	3.33	4.33	1.18	1.00	2.27	62.26
	<i>Syllis westheidei</i>	0.00	2.33	1.17	2.99	2.26	64.52
	<i>Platynereis dumerilii</i>	4.67	3.00	0.95	1.11	1.84	66.36
	<i>Harmothoe</i> sp. 1	1.67	1.33	0.79	1.08	1.53	67.89
	<i>Chrysopetalum debile</i>	0.67	2.33	0.76	1.36	1.47	69.36
	<i>Serpula concharum</i>	1.33	0.00	0.75	0.94	1.45	70.81

		Group 5A	Group 5C				
5A & 5C	<i>Amphiglena mediterranea</i> *	14.00	7.67	6.19	1.17	11.27	11.27
<b>54.95%</b>	<i>Sphaerosyllis pirifera</i> *	3.33	9.33	4.20	1.62	7.65	18.92
	<i>Syllis gerlachi</i> *	5.67	1.33	3.06	0.90	5.58	24.49
	<i>Syllis prolifera</i> *	5.00	2.33	3.01	1.17	5.48	29.98
	<i>Nereis</i> sp. 1*	6.33	3.00	2.82	1.40	5.13	35.11
	<i>Platynereis dumerilii</i> *	4.67	3.00	2.52	3.70	4.58	39.69
	<i>Odontosyllis ctenostoma</i>	4.00	0.67	2.15	1.05	3.91	43.60
	<i>Exogone dispar</i>	3.00	5.67	2.09	1.30	3.80	47.40
	<i>Syllis variegata</i>	3.00	3.67	1.89	1.65	3.43	50.83
	<i>Syllis armillaris</i>	2.00	2.67	1.69	1.41	3.07	53.90
	<i>Nereis rava</i>	4.00	2.33	1.61	1.26	2.93	56.84
	Nereididae juv. indet.	3.33	4.33	1.59	1.11	2.90	59.74
	<i>Harmothoe</i> sp. 1	1.67	0.67	1.12	1.13	2.04	61.78
	<i>Haplosyllis spongicola</i>	0.00	1.67	0.99	0.67	1.81	63.59
	<i>Palola siciliensis</i>	1.00	1.67	0.98	1.23	1.78	65.37
	<i>Chrysopetalum debile</i>	0.67	1.67	0.90	1.01	1.63	67.00
	<i>Serpula concharum</i>	1.33	1.00	0.82	1.29	1.48	68.48
	<i>Myrianida edwardsi</i>	1.33	1.00	0.80	1.20	1.45	69.93
	<i>Dorvillea rubrovittata</i>	0.33	1.33	0.77	1.01	1.41	71.34

		Group 5B	Group 5C				
5B & 5C	<i>Amphiglena mediterranea*</i>	31.00	7.67	12.29	2.24	21.06	21.06
<b>58.35%</b>	<i>Amphicorina rovigensis*</i>	9.33	0.33	3.93	0.72	6.73	27.79
	<i>Syllis prolifera*</i>	8.67	2.33	3.77	1.55	6.45	34.24
	<i>Sphaerosyllis pirifera*</i>	4.33	9.33	3.14	1.57	5.38	39.63
	<i>Platynereis dumerilii</i>	3.00	3.00	1.93	1.47	3.31	42.94
	<i>Exogone dispar</i>	2.33	5.67	1.92	1.18	3.28	46.22
	<i>Syllis corallicola</i>	5.33	1.67	1.77	1.73	3.03	49.25
	<i>Nereis sp. 1</i>	4.33	3.00	1.62	1.19	2.78	52.04
	<i>Ceratonereis (Composetia) costae</i>	4.33	1.33	1.59	1.40	2.73	54.77
	<i>Nereididae juv. indet.</i>	4.33	4.33	1.50	1.13	2.58	57.34
	<i>Syllis armillaris</i>	1.00	2.67	1.36	0.87	2.33	59.67
	<i>Odontosyllis ctenostoma</i>	2.67	0.67	1.11	0.90	1.90	61.57
	<i>Haplosyllis spongicola</i>	1.00	1.67	1.09	1.36	1.86	63.43
	<i>Syllis gerlachi</i>	2.00	1.33	1.08	1.11	1.86	65.29
	<i>Syllis westheidei</i>	2.33	0.33	1.03	1.92	1.77	67.06
	<i>Nereis rava</i>	1.67	2.33	0.98	1.35	1.68	68.74
	<i>Chrysopetalum debile</i>	2.33	1.67	0.96	1.36	1.64	70.38
		Group 25A	Group 25B				
25A & 25B	<i>Syllis armillaris*</i>	4.33	18.67	14.90	2.03	21.55	21.55
<b>69.14%</b>	<i>Sphaerosyllis pirifera*</i>	1.67	8.33	7.06	0.89	10.21	31.76
	<i>Hypsicomus stichophthalmos*</i>	7.67	1.67	7.01	0.83	10.13	41.89
	<i>Syllis gracilis*</i>	5.33	9.33	5.07	1.31	7.33	49.22
	<i>Syllis variegata*</i>	0.33	3.00	2.87	1.98	4.15	53.36
	<i>Spirobranchus triqueter</i>	1.00	3.00	2.64	1.60	3.82	57.18
	<i>Syllis gerlachi</i>	1.00	3.33	2.45	1.78	3.54	60.72
	<i>Vermiliopsis infundibulum</i>	0.00	2.33	2.16	0.66	3.12	63.84
	<i>Nereis rava</i>	0.00	1.67	1.79	2.35	2.59	66.44
	<i>Syllis prolifera</i>	0.00	1.67	1.64	0.66	2.37	68.80
	<i>Perkinsiana rubra</i>	1.33	0.00	1.56	0.98	2.25	71.05
		Group 25A	Group 25C				
25A & 25C	<i>Sphaerosyllis pirifera*</i>	1.67	16.33	14.37	2.27	19.57	19.57
<b>73.44%</b>	<i>Syllis armillaris*</i>	4.33	16.67	12.55	1.78	17.10	36.66
	<i>Syllis gerlachi*</i>	1.00	8.00	6.88	4.81	9.37	46.03
	<i>Hypsicomus stichophthalmos*</i>	7.67	0.00	5.99	0.67	8.16	54.19
	<i>Syllis gracilis</i>	5.33	5.33	2.68	1.23	3.65	57.85
	<i>Nereis perivisceralis</i>	0.67	2.33	1.78	1.43	2.42	60.27
	<i>Nereis rava</i>	0.00	1.67	1.65	2.78	2.25	62.52
	<i>Perkinsiana rubra</i>	1.33	0.00	1.45	1.00	1.97	64.49
	<i>Myrianida brachycephala</i>	1.33	0.00	1.44	1.01	1.96	66.45
	<i>Syllis variegata</i>	0.33	1.33	1.39	0.86	1.89	68.34
	<i>Myrianida rubropunctata</i>	0.00	1.33	1.32	0.66	1.80	70.14
		Group 25B	Group 25C				
25B & 25C	<i>Sphaerosyllis pirifera*</i>	8.33	16.33	7.86	1.72	17.10	17.10
<b>45.99%</b>	<i>Syllis armillaris*</i>	18.67	16.67	4.07	1.10	8.85	25.95
	<i>Syllis gerlachi*</i>	3.33	8.00	3.39	2.87	7.37	33.32
	<i>Syllis gracilis*</i>	9.33	5.33	3.29	1.36	7.15	40.46
	<i>Spirobranchus triqueter*</i>	3.00	0.00	2.04	1.32	4.43	44.89
	<i>Syllis variegata</i>	3.00	1.33	1.72	1.55	3.75	48.64
	<i>Vermiliopsis infundibulum</i>	2.33	0.00	1.56	0.67	3.38	52.02
	<i>Syllis prolifera</i>	1.67	1.33	1.51	1.20	3.28	55.30
	<i>Nereis perivisceralis</i>	0.33	2.33	1.40	1.46	3.05	58.35
	<i>Hypsicomus stichophthalmos</i>	1.67	0.00	1.11	0.67	2.42	60.76
	<i>Haplosyllis spongicola</i>	0.33	1.67	0.98	1.17	2.13	62.90

<i>Myrianida rubropunctata</i>	0.00	1.33	0.97	0.66	2.12	65.01
<i>Syllis garciai</i>	0.33	1.33	0.89	0.99	1.94	66.95
<i>Syllis beneliahuae</i>	1.00	0.00	0.76	1.08	1.66	68.61
<i>Nereis</i> sp. 1	1.00	0.67	0.74	1.09	1.60	70.21

Analyses based on Bray-Curtis similarity of untransformed data.

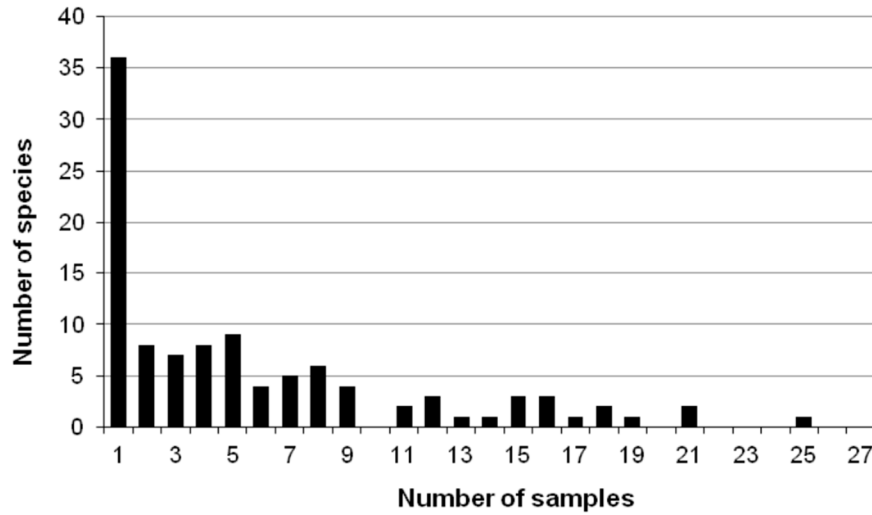


Figure S1. Distribution of species according to their frequency in the studied samples.

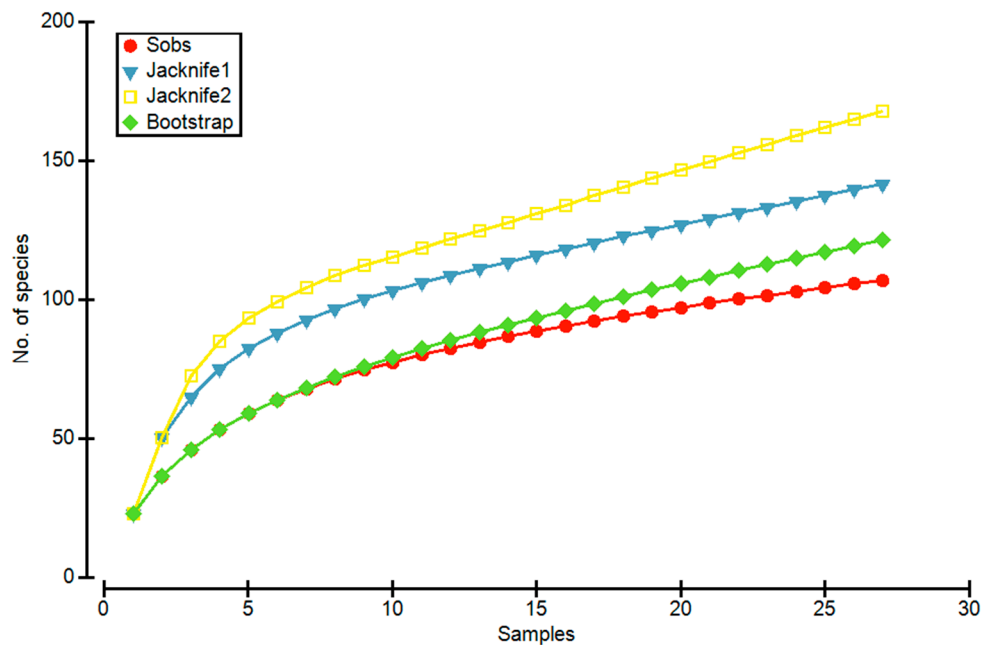


Figure S2. Species area accumulation curve (Sobs, Species observed) and estimator curves (Jackknife1, Jackknife2 and Bootstrap).