

## 附录2 莱州湾东岸75种大型底栖动物性状的模糊值

## Appendix 2 Fuzzy-code values for biological traits of 75 macrobenthos species on the eastern coast of Laizhou Bay

物种 Species	拉丁名 Scientific name	成体大小 Adult body size				栖息位置 Habitat position		栖息方式 Living habit				运动方式 Mobility				食性 Feeding habit					AMBI生态组 AMBI ecological groups						
		B1	B2	B3	B4	P1	P2	L1	L2	L3	L4	M1	M2	M3	M4	F1	F2	F3	F4	F5	E1	E2	E3	E4	E5		
<b>环节动物 Annelida</b>																											
中华内卷齿蚕	<i>Aglaophamus sinensis</i>	0	0	1	3	0	3	3	0	0	0	1	3	2	0	3	0	0	0	0	0	0	3	0	0	0	0
西方似蛭虫	<i>Amaeana occidentalis</i>	0	3	0	0	0	3	0	0	3	0	0	3	0	0	0	0	0	0	0	3	0	0	3	0	0	
细丝鳃虫	<i>Aphelochaeta filiformis</i>	0	1	3	0	0	3	0	3	0	0	0	0	3	0	0	0	0	0	3	0	0	3	0	0		
多丝独毛虫	<i>Aphelochaeta multifilis</i>	0	0	3	0	0	3	0	3	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0		
澳洲鳞沙蚕	<i>Aphrodita australis</i>	0	3	0	0	0	3	3	0	0	0	0	0	3	0	3	0	0	0	0	3	0	0	0	0		
独指虫	<i>Aricidea (Aricidea) fragilis</i>	0	3	1	0	0	3	0	3	0	0	0	3	0	0	0	0	0	0	3	3	0	0	0	0		
中阿曼吉虫	<i>Armandia intermedia</i>	1	3	0	0	0	3	0	3	0	0	0	3	0	0	0	0	0	0	3	3	0	0	0	0		
小头虫	<i>Capitella capitata</i>	0	3	0	0	0	3	0	0	3	0	0	3	0	0	0	0	0	0	3	0	0	0	0	3		
刚鳃虫	<i>Chaetozone setosa</i>	0	3	0	0	0	3	0	3	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0		
管纓虫	<i>Chone infundibuliformis</i>	0	0	0	0	0	3	0	0	3	0	0	0	3	0	0	0	0	3	0	0	3	0	0	0		
丝鳃虫	<i>Cirratulus cirratus</i>	0	3	0	0	0	3	0	3	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0		
智利巢沙蚕	<i>Diopatra chiliensis</i>	0	0	0	3	0	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3	0	0	0		
长双须虫	<i>Eteone longa</i>	0	3	0	0	3	0	3	0	0	0	0	0	3	0	3	0	0	0	0	0	3	3	0	0		
曲强真节虫	<i>Euclymene lombricoides</i>	0	0	1	3	0	3	0	0	0	3	0	0	0	3	0	0	0	0	3	3	0	0	0	0		
管围巧言虫	<i>Eumida tubiformis</i>	0	0	3	0	3	0	3	0	0	0	0	0	3	0	3	0	0	0	0	0	3	0	0	0		
长吻沙蚕	<i>Glycera chirori</i>	0	0	0	3	0	3	3	0	0	0	2	1	3	0	3	0	0	0	0	0	3	0	0	0		
锥唇吻沙蚕	<i>Glycera onomichiensis</i>	0	0	3	0	0	3	3	0	0	0	2	1	3	0	3	0	0	0	0	0	3	0	0	0		
中锐吻沙蚕	<i>Glycera unicornis</i>	0	0	1	3	0	3	3	0	0	0	2	1	3	0	3	0	0	0	0	0	3	0	0	0		
寡节甘吻沙蚕	<i>Glycinde bonhourei</i>	0	3	0	0	0	3	3	0	0	0	2	3	1	0	3	0	0	0	0	0	0	0	3	0		
日本角吻沙蚕	<i>Goniada japonica</i>	0	3	0	0	0	3	3	0	0	0	2	3	1	0	3	0	0	0	0	0	3	0	0	0		
日本刺沙蚕	<i>Hediste japonica</i>	0	0	0	3	0	3	3	0	0	0	2	3	1	0	0	0	3	0	0	0	3	0	0	0		
丝异须虫	<i>Heteromastus filiformis</i>	0	0	3	0	0	3	0	3	0	0	0	3	3	3	0	0	0	0	3	0	0	0	3	0		
无疣齿吻沙蚕	<i>Inermonephtys inermis</i>	0	0	0	3	0	3	3	0	0	0	1	3	2	0	3	0	0	0	0	0	3	0	0	0		
异足科索沙蚕	<i>Kuwaita heteropoda</i>	0	0	0	3	0	3	0	0	0	3	0	3	1	0	3	0	0	0	0	0	3	0	0	0		
长锥虫	<i>Leitoscoloplos pugettensis</i>	0	3	0	0	0	3	0	3	0	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0		



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彩虹明樱蛤	<i>Iridona iridescens</i>	0	3	0	0	0	3	0	3	0	0	0	3	0	0	0	0	0	0	3	3	0	0	0	0
纵肋织纹螺	<i>Nassarius variciferus</i>	0	3	0	0	3	0	3	0	0	0	0	0	3	0	3	0	0	0	0	0	3	0	0	0
扁玉螺	<i>Neverita didyma</i>	0	3	2	0	3	0	3	0	0	0	0	0	3	0	3	0	0	0	0	3	0	0	0	0
小笋螺	<i>Partecosta tantilla</i>	3	0	0	0	3	0	3	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0
鹿眼螺一种	<i>Rissoa</i> sp.	3	0	0	0	3	0	3	0	0	0	0	0	3	0	0	3	0	0	0	3	0	0	0	0
菲律宾蛤仔	<i>Ruditapes philippinarum</i>	0	3	0	0	0	3	0	3	0	0	0	3	0	0	0	0	0	3	0	0	3	0	0	0
<b>节肢动物 Arthropoda</b>																									
博氏双眼钩虾	<i>Ampelisca bocki</i>	3	1	0	0	0	3	0	0	0	3	3	0	0	0	0	0	3	0	0	3	0	0	0	0
短角双眼钩虾	<i>Ampelisca brevicornis</i>	3	1	0	0	0	3	0	0	0	3	3	0	0	0	0	0	3	0	0	3	0	0	0	0
美原双眼钩虾	<i>Ampelisca miharaensis</i>	3	1	0	0	0	3	0	0	0	3	3	0	0	0	0	0	3	0	0	3	0	0	0	0
伍氏螯蛄虾	<i>Austinogebia wuhsienweni</i>	0	0	3	0	0	3	0	0	0	3	3	0	1	0	0	0	3	0	0	3	0	0	0	0
日本突尾水虱	<i>Cymodoce japonica</i>	1	3	0	0	3	0	3	0	0	0	3	0	1	0	3	0	0	0	0	3	0	0	0	0
细螯虾	<i>Leptochela gracilis</i>	0	3	0	0	3	0	3	0	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0
日本和美虾	<i>Neotrypaea japonica</i>	0	2	2	0	0	3	0	0	0	3	3	0	1	0	0	0	3	0	0	0	3	0	0	0
东方长眼虾	<i>Ogyrides orientalis</i>	0	3	0	0	0	3	0	3	0	0	3	0	0	0	0	0	3	0	0	3	0	0	0	0
小头弹钩虾	<i>Orchomene breviceps</i>	3	0	0	0	0	3	0	3	0	0	3	2	0	0	0	0	0	0	3	0	3	0	0	0
日本拟背尾水虱	<i>Paranthura japonica</i>	0	3	0	0	3	0	3	0	0	0	3	0	1	0	0	0	3	0	0	0	3	0	0	0
豆形拳蟹	<i>Pyrhila pisum</i>	0	3	0	0	3	0	3	0	0	0	0	0	3	0	0	0	3	0	0	0	3	0	0	0
华螺赢蜚一种	<i>Sinocorophium</i> sp.	3	1	0	0	0	3	0	0	0	3	3	1	2	0	0	0	0	0	3	0	0	3	0	0
大螯蛄虾	<i>Upogebia major</i>	0	0	3	0	0	3	0	0	0	3	3	0	1	0	0	0	3	0	0	3	0	0	0	0
<b>棘皮动物 Echinodermata</b>																									
滩栖阳遂足	<i>Amphiura (Fellaria) vadicola</i>	0	0	0	3	0	3	0	0	0	3	0	3	0	0	0	0	3	0	0	0	3	0	0	0
心形海胆	<i>Echinocardium cordatum</i>	0	3	0	0	0	3	0	3	0	0	0	0	3	0	0	0	0	3	3	0	0	0	0	0
<b>脊索动物 Chordata</b>																									
文昌鱼一种	<i>Branchiostoma</i> sp.	0	3	0	0	3	1	0	3	0	0	3	0	0	0	0	0	0	3	0	3	0	0	0	0
<b>纽形动物 Nemertea</b>																									
纽虫一种	<i>Nemertea</i> sp.	0	0	0	3	2	2	3	0	0	0	0	3	1	0	3	0	0	0	0	0	0	3	0	0