

Accessory publication. List of taxa identified in the stomach contents of *Pagellus eythrinus* off northern Sicily. GCAST = Gulf of Castellammare; GPATT = Gulf of Patti; GTERM = Gulf of Termini Imerese; GSANT = Gulf of Sant'Agata. For the meaning of %W, %N and %IRI see text. * indicate Untrawled areas.

	GCAST*			GPATT*			GTERM			GSANT		
	%W	%N	%IRI	%W	%N	%IRI	%W	%N	%IRI	%W	%N	%IRI
PORIFERA												
Unid. Porifera	-	-	-	0.01	0.66	0.03	-	-	-	-	-	-
POLYCHAETHA												
<i>Glycera</i> sp.	0.61	1.08	0.04	1.19	2.65	0.30	-	-	-	1.48	2.13	0.18
Eunicidae	7.12	0.54	0.27	-	-	-	-	-	-	-	-	-
Nephtyidae	0.83	2.16	0.32	1.32	0.66	0.08	-	-	-	-	-	-
Phyllodocidae	0.93	1.62	0.18	-	-	-	-	-	-	-	-	-
<i>Sternaspis scutata</i>	0.61	0.54	0.04	-	-	-	-	-	-	-	-	-
Detritivorous polychaetes	0.07	0.54	0.02	0.22	1.32	0.12	-	-	-	6.53	4.26	1.10
Unid. Polychaetha	1.47	3.24	0.83	1.20	3.31	0.87	5.96	11.29	3.18	0.52	2.13	0.13
Total polychaetes	11.63	9.73	1.70	3.93	7.95	1.36	5.96	11.29	3.18	8.52	8.51	1.42
CRUSTACEA												
Decapoda												
<i>Alpheus glaber</i>	5.32	1.62	0.73	6.45	3.97	2.41	18.11	28.57	21.98	15.18	19.15	15.76
<i>Anapagurus petiti</i>	-	-	-	0.02	0.66	0.03	-	-	-	-	-	-
<i>Anapagurus</i> sp.	-	-	-	0.13	1.32	0.11	0.13	4.76	0.38	-	-	-
<i>Athanas nitescens</i>	-	-	-	-	-	-	-	-	-	0.48	2.13	0.13
<i>Callinassa tyrrenia</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Goneplax rhomboides</i>	46.70	29.73	59.15	53.94	23.84	62.91	17.10	41.38	49.08	19.46	21.28	20.77
<i>Jaxea nocturna</i>	-	-	-	-	-	-	-	-	-	0.07	2.13	0.11
<i>Philocheras bispinosus</i>	-	-	-	-	-	-	0.23	2.76	0.39	-	-	-
<i>Processa macrophthalmia</i>	-	-	-	0.44	1.32	0.14	-	-	-	-	-	-
<i>Processa</i> sp.	-	-	-	-	-	-	0.38	1.75	0.40	0.44	2.13	0.13
<i>Upogebia</i> sp.	-	-	-	0.20	0.66	0.03	1.19	0.72	0.47	1.75	2.13	0.20
<i>Solenocera membranacea</i>	6.25	0.54	0.24	-	-	-	-	-	-	-	-	-
Alpheidae	-	-	-	0.11	0.66	0.03	-	-	-	-	-	-
Portunidae	-	-	-	-	-	-	0.53	3.52	1.58	-	-	-
Thalassinidae	-	-	-	-	-	-	-	-	-	0.80	2.13	0.15
Unid. Caridea	-	-	-	0.05	0.66	0.03	-	-	-	0.52	2.13	0.13
Unid. Natantia	2.85	5.41	1.16	1.24	2.65	0.45	0.34	2.76	0.40	2.88	10.64	3.45
Unid. Brachyura	-	-	-	0.11	0.66	0.03	-	-	-	-	-	-
Unid. Decapoda	-	-	-	-	-	-	-	-	-	2.74	10.64	3.41
Decapoda larvae	0.04	1.08	0.04	0.01	0.66	0.03	-	-	-	0.66	12.77	4.11
Total decapods	61.16	38.38	61.33	62.69	37.09	66.19	38.00	86.23	74.69	44.99	87.23	48.36
Amphipoda												
Phoxocephalidae	0.05	1.08	0.04	-	-	-	-	-	-	-	-	-
Gammaridea	-	-	-	0.14	1.32	0.11	-	-	-	-	-	-
Unid. Amphipoda	0.15	1.08	0.09	0.08	0.66	0.03	-	-	-	-	-	-
Isopoda												
<i>Idotea</i> sp.	-	-	-	0.49	0.66	0.04	-	-	-	-	-	-
<i>Natatolana borealis</i>	-	-	-	0.56	0.66	0.05	-	-	-	-	-	-
Cymothoidae	-	-	-	-	-	-	0.03	4.76	0.38	0.17	2.13	0.12
Cumacea												
Unid. Cumacea	0.02	0.54	0.02	-	-	-	-	-	-	-	-	-
Mysidacea												
Unid. Mysidacea	0.00	0.00	0.00	0.01	0.66	0.03	-	-	-	-	-	-

Tanaidacea												
<i>Leptognathia</i> sp.	2.77	1.08	0.27	1.58	1.32	0.22	11.14	10.29	5.99	2.18	2.13	0.22
Ostracoda												
Unid. Ostracoda	-	-	-	0.01	0.66	0.03	-	-	-	0.00	2.13	0.11
MOLLUSCA												
<i>Dentalium</i> sp.	0.41	3.24	0.26	-	-	-	-	-	-	-	-	-
<i>Nuculana</i> sp.	-	-	-	0.42	0.66	0.04	-	-	-	-	-	-
<i>Turritella turbona</i>	-	-	-	0.14	1.32	0.11	-	-	-	-	-	-
<i>Turritella</i> sp.	0.03	0.54	0.02	0.39	1.32	0.13	-	-	-	-	-	-
Cardiidae	-	-	-	0.17	0.66	0.03	-	-	-	-	-	-
Veneridae	-	-	-	0.27	1.32	0.12	-	-	-	-	-	-
<i>Sepia elegans</i>	-	-	-	-	-	-	-	-	-	1.85	2.13	0.20
<i>Sepietta oweniana</i>	-	-	-	-	-	-	14.95	4.76	1.55	-	-	-
Unid. Gastropoda	-	-	-	0.92	1.99	0.22	-	-	-	-	-	-
Unid. Bivalvia	0.76	3.78	0.96	2.25	5.96	2.21	-	-	-	-	-	-
Total molluscs	1.20	7.57	1.24	4.55	13.25	2.88	14.95	4.76	1.55	1.85	2.13	0.20
ECHINODERMATA	0.03	0.54	0.02	3.27	0.66	0.15	-	-	-	0.16	2.13	0.12
<i>Amphiura filiformis</i>	-	-	-	1.06	0.66	0.07	-	-	-	-	-	-
Ophiuroidea	-	-	-	0.22	0.66	0.03	-	-	-	-	-	-
Echinoidea	-	-	-	-	-	-	-	-	-	0.01	2.13	0.11
<i>Holoturia</i> sp.	0.72	0.54	0.04	0.48	0.66	0.04	-	-	-	3.12	6.38	1.45
TUNICATA												
Unid. Tunicata	-	-	-	-	-	-	0.62	4.76	0.42	-	-	-
OSTEYCHTHYES												
Fish larvae	-	-	-	0.20	1.32	0.12	1.13	4.76	0.46	-	-	-
<i>Conger conger</i>	1.95	1.08	0.21	-	-	-	18.86	14.29	7.81	-	-	-
<i>Leseurogobius sueri</i>	-	-	-	-	-	-	4.76	4.76	0.75	-	-	-
Ophichthyidae	-	-	-	0.94	0.66	0.06	-	-	-	4.41	4.26	0.88
Unid. Fish	-	-	-	1.48	1.32	0.22	2.47	4.76	0.57	19.69	17.02	14.98
scales	0.05	1.08	0.08	-	-	-	-	-	-	-	-	-
Total fish	2.00	2.16	0.29	2.61	3.31	0.39	27.23	28.57	9.58	24.10	21.28	15.86
OTHER												
<i>Cymodocea nodosa</i>	0.54	5.41	1.88	-	-	-	-	-	-	-	-	-
Vegetal remains	-	-	-	0.21	0.66	0.03	0.07	4.76	0.38	0.19	2.13	0.12
Nematoda	0.19	4.32	0.32	0.01	2.65	0.20	-	-	-	0.02	2.13	0.11
Foraminifera	0.04	0.54	0.02	0.01	0.66	0.03	-	-	-	-	-	-
Detritus	10.13	10.81	14.73	7.40	10.60	11.09	-	-	-	3.27	8.51	2.40
Digested material	9.38	16.22	18.01	10.64	12.58	17.00	2.01	14.29	3.84	11.40	29.79	29.40
		GCAST	GPATT		GTERM		GSANT					
No. of individuals	122		152		100		114					
% empty stomachs	53.85		61.80		53.49		39.22					
mean fullness	1.13		0.83		0.59		0.31					
mean number of prey	6.61		4.44		2.15		2.71					
mean weight of prey	0.85		0.33		0.49		0.25					
Shannon diversity index	2.51		2.96		2.56		2.83					