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INDEX OF MARINE FAUNA IN RIJEKA BAY (ADRIATIC SEA, CROATIA)

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In the Rijeka Bay benthic and pelagic ecosystems, 1086 taxa of marine fauna have been recorded in the past 150 years of research. For all taxa, information on the general and ecological distribution, local abundance data and the sources of all records are presented. In some selected species, notes on type localities, synonyms or information of commercial importance are also provided.

Key words: marine fauna, index, Rijeka Bay, Adriatic Sea, bibliography

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Tijekom 150 godina istraživanja zabilježeno je u pelagičnim i bentoskim ekosistemima Riječkog zaljeva 1086 svojti morske faune. Kod svih svojti izneseni su podaci o općoj i ekološkoj rasprostranjenosti, lokalnoj brojnosti i izvorima svih zabilježenih nalaza. Odabranim vrstama spomenuti su tipski lokaliteti, sinonimi ili komercijalna važnost.

Ključne riječi: morska fauna, popis, Riječki zaljev, Jadransko more, bibliografija

INTRODUCTION

Rijeka Bay is a landlocked north Adriatic Sea area confined by the mountains Risnjak and Učka in the north-west, and the large islands of Cres and Krk in the south-east. The surface area of the Bay is about 500 km^2, with a volume of 27 km^3. It is one of the most populated areas of the Croatian Littoral, and the town of Rijeka (population around 150,000, with suburbs 250,000) is the most important for its harbour activities and industries based on oil refineries, paper mill, power generation and shipyards. Urban wastes and industrial pollution have contributed to changes in the marine environment, which are inevitably reflected in an altered bio-

logical diversity in the most affected coastal areas. The present index of marine fauna was prepared in order to provide a basis for future studies of the area.

THE STUDY AREA

Rijeka Bay communicates with other parts of the northern Adriatic through three narrow straits: Tihi kanal, Vela Vrata and Srednja Vrata. Its coast is built of cretaceous limestones. In the southern and western parts of the Bay, rocky coasts are very steep, in some places vertical. Coastal slopes in other areas consist of cobbles, gravel and coarse sand. But the greatest part of the Bay is a bed of terrigenous ooze not exceeding 66 meters depth.

The normal tidal amplitude in the area is 34–37 centimetres (KASUMOVIĆ, 1976). A peculiar feature of Rijeka Bay is current dynamics characterised by seasonal changes in the direction and speed of water movements (ORLIĆ & KASUMOVIĆ, 1980).

Surface water temperature varies from 10.4 °C in winter to 26.6 °C in summer time. The deep bottom temperature reaches maximum (about 15 °C) in October. In the winter-spring season, homothermy of the water column is characteristic. The summer thermocline usually appears at 15–18 metres depth. The seawater salinity varies from 34.9 to 38.4 psu. Along the western and northern coasts, however, very low surface salinities have been recorded when numerous submarine springs (»vrulje«) are active. The rivulet Rječina is the only permanent surface stream that enters the Bay (ŠKRIVANIĆ & BARIĆ, 1979).

The Rijeka Bay waters are well aerated. Oxygen saturation usually varies within the 90–110% range. During microphyte bloom, followed by sedimentation of mucus aggregates and hypoxic conditions, extensive mortalities of benthic organisms have been recorded in the area, and in particular in the cove named Bakar Bay (ZAVODNIK, 1977a).

The northern part of the Bay is loaded by urban wastes and industrial effluents and in its western part the unfavourable effects of tourist establishments have frequently been noted. However, the eastern and southern parts of Rijeka Bay are still not seriously influenced by man.

HISTORY OF RESEARCH

Natural history research in the study area was reviewed by D'ANCONA (1928) and ZAVODNIK (1998a). Taxonomical and distribution studies of marine macrofauna were initiated by GRUBE (1840) and LORENZ (1860). In 1863 the book on »Physical conditions and distribution of organisms in the Quarner region of the Adriatic Sea« was published by LORENZ. It was the first of its kind in the world, with the most complete analysis of benthic populations in the area. The topics on fisheries biology were reviewed by FABER (1883) and LORINI (1903). By the beginning of the 1900s Hungarian scientists were especially active (STILLER-RÜDIGER & ZAVODNIK, 1990).

In the course of subsequent decades, taxonomical and ecological research in the Rijeka was occasionally been carried on. Targeted complex environmental and biological research was initiated only about thirty years ago, i.e. in the context of major investments in the economical development of the area. Papers on the matter were in part collected and edited by GAMULIN *et al*. (1979), KONRAD & MUSANI (1981) and ARKO-PIJEVAC *et al*. (1998) but numerous papers dealing with the diversity, ecology and distribution of marine fauna were published elsewhere (see Literature section A and Index References column 7).

MATERIAL AND METHODS

Taxa listed were compiled from papers published in the past 150 years or they were collected from recent research limited to the about past 30 years as suggested occasionally (ANONYMOUS, 1994). However, in the older literature species were noted that by modern revision have been divided into two or more taxa (i. e. *Anemonia sulcata, Obelia dichotoma, Microcosmus sulcatus* etc.): we have listed only those taxa of which identification was not dubious. Erroneously identified species (i. e. *Neptunus sanguinolentus, Asterias rubens, Astropecten jonstoni, Exocoetus exiliens*) were not listed. Also omitted were the species that were collected outside the Rijeka Bay waters although in the published papers the Bay was noted as a sampling site (i. e. *Echinogammarus foxi*). Distributional data referred to the »Quarner region« (i.e. LORENZ, 1863; most papers of the older Hungarian authors – see ZAVODNIK, 1998a) were not considered since the finding localities in Rijeka Bay were not specified. With the aim of completing data in our records of peculiar taxa not noted previously in Rijeka Bay, stations mentioned in recent authors' research (1973–1999) in the area are mapped (Figure 1). The environmental characteristics of the stations, and the procedures for collecting and processing the biological material were specified previously (ZAVODNIK, 1998b). Details on ichthyological research were given by JARDAS *et al.* (1998). Systematics, modern nomenclature and information on general distribution of taxa have been made to comply with References section B, and with personal communications from relevant specialists. Due to lack of space, synonyms used in older papers on Rijeka Bay fauna are not considered.

DISCUSSION AND CONCLUSIONS

A critical revision of previous notes and our own data resulted in a list of 1086 taxa of marine fauna so far recorded in Rijeka Bay. It is evident that only a few higher taxonomic units such as, for example, molluscs, echinoderms and fishes are well known, as they have been much studied in the past. On the other hand, the lack of information on most other macrofaunal groups (i.e. Porifera, Cnidaria, Bryozoa, Tunicata etc.) calls for urgent action. On the meio- and microfaunal level, plankton organisms were much more studied in the past, in comparison to benthic species which remained literally unexplored. For example, foraminiferans, ciliates

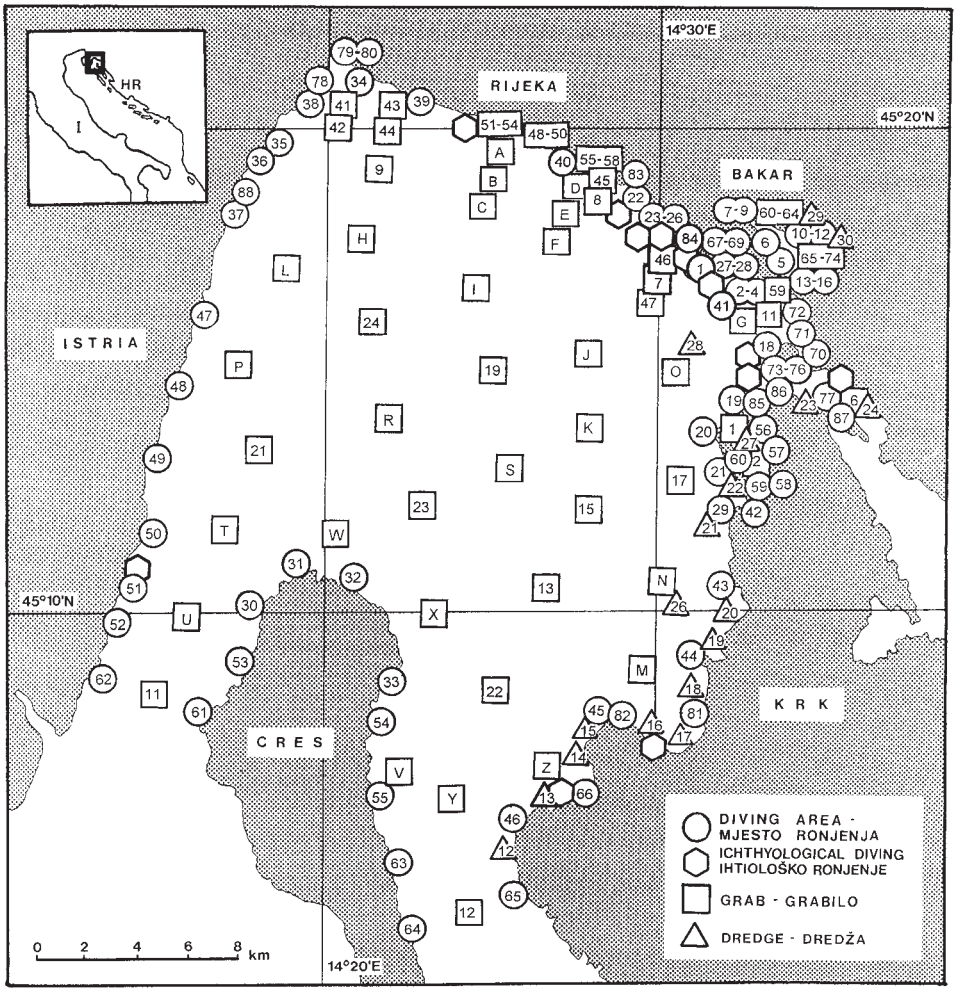

Fig. 1. Authors' survey and sampling sites in Rijeka Bay.
Sl. 1. Istraživanja autora i mjesta uzorkovanja u Riječkom zaljevu.

and other benthic protozoans have never been studied in the area, and the diversity of free living nematodes, harpakticoid copepods, ostracods etc., is in all probability much greater than suggested by our compilation. No information is available on parasites. In addition, the deficiency of reference materials have made dubious the presence of some species noted by old authors, especially if synonymy has not been revised so far. Abundance data on the Rijeka Bay fauna are also very deficient.

The records of typical offshore (oceanic) plankton organisms in the Rijeka Bay waters, an area which in its geomorphological and hydrographical features is a neritic area par excellence, seem a bit curious. Occasional records of, for example,

the tintinnids *Codonella aspera* and *Undella hyalina* (KRŠINIĆ, 1980, 1981), the copepods *Euchaeta hebes*, *Pleuromamma gracilis*, *Lucicutia flavicornis* and *Corycaeus furcifer* (BENOVIĆ *et al*., 1981) can only be explained by sporadic ingressions of offshore waters into the bay perhaps assisted by local current regime. On the contrary, many pelagic fishes, turtles and whales are active immigrants, which do not reproduce in the area and sometimes were recorded only as rare guests (JARDAS *et al*., 1998; KOVAČIĆ, 1998). These rare guests contribute to the larger diversity of fish species in historical data as compared to recent ichthyological investigations. Since not all differences in species composition could be explained by occasional catches, JARDAS *et al*. (1998) concluded that the ichthyofauna of the Rijeka Bay was more heterogenous in the past. Concerning all other taxa, data are insufficient for conclusions on temporal changes in species diversity.

The present analysis improved a preliminary note on the general distribution pattern of the Rijeka Bay marine fauna (ZAVODNIK, 1992). It is clear that most of the species have an Atlantic and Mediterranean or endemic Mediterranean distribution (45% and 17.2%, respectively). There are well distributed species with a worldwide or cosmopolite distribution (20.3%), some of them being introduced into the Adriatic Sea by man (*Balanus eburneus*, *Crassostrea gigas*). The presence of boreal (1.6%) and boreal-Mediterranean elements (15.1%) perhaps is favoured by the specific hydrographic properties of the area, as suggested long ago by Lorenz (1863) and Brusina (1896). According to present knowledge, only a few species might be Adriatic Sea endemics, and only nine of them have also been noted in the Rijeka Bay (*Epizoanthus univittatus*, *Gibbula adriatica*, *Phaxas adriaticus*, *Lumbrineris rovignensis*, *Arrabella coeca*, *Jaera schellenbergi*, *Polycitor adriaticus*, *Acipenser naccarii*, *Speleogobius trigloides*).

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POPIS MORSKE FAUNE RIJEČKOG ZALJEVA

UVOD

Riječki zaljev je kopnom okružen dio sjevernog Jadrana. Sjeverozapadno je omeđen planinskim masivima Risnjaka i Učke, a jugoistočno velikim otocima Krkom i Cresom. Površina zaljeva iznosi oko 500 km^2, a zapremina 27 km^3. Jedan je od najgušće naseljenih dijelova hrvatske obale. Posebno se ističe grad Rijeka (150.000 stanovnika, s predgrađem 250.000), sa svojom lukom i industrijom - rafinerijom nafte, tvornicom papira, elektranom i brodogradilištima. Gradski otpad i industrijsko zagađenje pridonijeli su promjenama u morskom okolišu, što se neizbježno odražava i u promjenama biološke raznolikosti u najviše izloženim obalnim područjima. Ovaj popis morske faune napravljen je u želji da predstavlja osnovu budućih istraživanja i praćenja stanja u Riječkom zaljevu.

ISTRAŽIVANO PODRUČJE

Riječki zaljev povezan je s drugim dijelovima sjevernog Jadrana kroz tri uska kanala: Tihi kanal, te Vela i Srednja Vrata. Njegova obala izgrađena je od krednih vapnenaca. U južnom i sjevernom dijelu kamenita obala je vrlo strma, i ponegdje okomita. U drugim dijelovima obala je položenija, a dno uz obalu pokriveno oblucima, šljunkom i pijeskom. Najveći dijelom dno Riječkog zaljeva je ravno i prekriveno terigenim muljem, a dubine ne prelaze 66 metara.

Prosječne amplitude morskih mijena iznose 34 do 37 centimetara (KASUMOVIĆ, 1976). Dinamika morskih struja predstavlja posebnost Riječkog zaljeva, sa svojim sezonskim promjenama u smjeru i brzini (ORLIĆ i KASUMOVIĆ, 1980).

Temperatura površinske vode kreće se od 10.4 °C zimi do 26.6 °C ljeti. Temperatura na dnu zaljeva dostiže maksimum (oko 15 °C) u listopadu. U stupcu vode homotermija se uspostavlja u zimsko-proljetnoj sezoni. Ljetna termoklina javlja se na dubinama 15–18 metara. Salinitet varira u prosjeku između 34.9 do 38.4 psu. Jake promjene saliniteta javljaju se uz zapadnu i sjevernu obalu uslijed aktivnosti vrulja. Rječina je jedina površinska voda koja se ulijeva u zaljev (ŠKRIVANIĆ i BARIĆ, 1979).

Vode Riječkog zaljeva dobro su prozračene. Zasićenost kisikom obično se kreće od 90 do 110%. Ugibanje bentoskih organizama zabilježno je u ovom prostoru, posebno u Bakarskom zaljevu (ZAVODNIK, 1977) tijekom cvjetanja mora, i taloženja mukoznih nakupina.

Na sjevernoj strani Riječkog zaljeva ulijevaju se urbane otpadne vode i industrijski efluenti, a na zapadnoj strani redovito se uočavaju nepoželjne posljedice turističke aktivnosti. Istočna i južna strana zaljeva su, za sada, najmanje pod štetnim utjecajem čovjeka.

POVIJEST ISTRAŽIVANJA

Pregled prirodoslovnih istraživanja u ovom području dali su D'ANCONA (1928) i ZAVODNIK (1998a). Taksonomijom i rasprostranjenošću morske makrofaune prvi su se bavili GRUBE (1840) i LORENZ (1860). LORENZ objavljuje 1863. godine i knjigu »Fizikalne osobine i distribucija organizama u kvarnerskom području Jadrana«. To je jedan od prvih objavljenih radova o toj temi u svijetu, s vrlo cjelovitom analizom bentoskih populacija ovog područja. FABER (1883) i LORINI (1903) objavljuju djela o ribarstvenoj biologiji. Početkom ovog stoljeća posebno su aktivni mađarski znanstvenici (STILLER-RÜDIGER & ZAVODNIK, 1990). Tijekom niza idućih desetljeća sistematska i ekološka istraživanja Riječkog zaljeva provode se samo povremeno. Ciljanim, složenim istraživanjima okoliša i biologije ovog područja počelo se tek unazad tridesetak godina, tj. za vrijeme najvećih gospodarskih ulaganja u ovom području. Dio ovih radova sakupili su i objavili GAMULIN i sur. (1979), KONRAD i MUSANI (1981) i ARKO-PIJEVAC i sur. (1998), ali je mnoštvo radova o raznolikosti, ekologiji i rasprostranjenosti morske faune Riječkog zaljeva objavljeno drugdje. Ti se radovi navode u poglavljima Literature section A i Index References stupac 7).

MATERIJALI I METODE

Podaci o svojtama u popisu sakupljeni su iz radova objavljenih u proteklih 150 godina, ili su rezultat sadašnjih istraživanja vremenski ograničenih na posljednjih tridesetak godina (ANONYMOUS, 1994). Neke vrste navedene u starijim izvorima kasnijim revizijama podijeljene su u dvije ili više svojti (npr. *Anemonia sulcata, Obelia dichotoma, Microcosmus sulcatus* i dr.). Zato se u popisu navode samo svojte čija identifikacija nije upitna. Očito pogrešno određene vrste (npr. *Neptunus sanguinolentus, Asterias rubens, Astropecten jonstoni, Exocoetus exiliens*) nisu unesene. Nisu uzete u obzir niti vrste sakupljene izvan Riječkog zaljeva, iako je nalaz objavljen s navodom Riječkog zaljeva kao mjesta sakupljanja (npr. *Echinogammarus foxi*). Navodi LORENZA (1863) i većine starijih mađarskih autora (ZAVODNIK, 1998a), o prisutnosti organizama u »kvarnerskom području«, također nisu uzeti u obzir, jer nedostaju točni podaci o mjestima istraživanja u Riječkom zaljevu. Postaje na kojima su autori ovog priloga povremeno istraživali u razdoblju od 1973.–1999. godine označene su na karti (Figure 1), sa ciljem pružanja podataka o svojtama koje ranije nisu nađene u tom području. Osobine postaja, metode sakupljanja i obrade materijala opisani su ranije (ZAVODNIK, 1998b). Podatke o ihtiološkim istraživanjima objavili su JARDAS *i sur.* (1998). Sistematika, suvremeno nazivlje i podaci o općenitoj rasprostranjenosti svojti utvrđeni su prema izvorima u poglavlju References section B, i prema usmenim priopćenjima specijalista za odgovarajuće skupine životinja. Zbog uštede prostora, sinonimija iz starijih izvora u ovom pregledu nije uzeta u obzir.

RASPRAVA I ZAKLJUČCI

Pregledom objavljenih navoda i vlastitih podataka dobiven je popis od 1086 svojti morske faune, za sada zabilježene u Riječkom zaljevu. Očito je da su na ovom području brojniji samo podaci za neke više svojte, kao što su mekušci, bodljikaši i ribe, koji su u prošlosti više istraživani. S druge strane, nedostatak poznavanja nekih drugih skupina makrofaune (npr. Porifera, Cnidaria, Bryozoa, Tunicata i dr.) zahtijeva hitno djelovanje. Na razini mejo- i mikrofaune planktonski organizmi su bolje istraženi, dok su bentoske svojte doslovno neistražene. Nikakva istraživanja u ovom području nisu vršena na foraminiferama, ciliatima i drugim bentoskim protozoima, a raznolikost slobodno živućih nematoda, harpaktikoida, ostrakoda i dr. vjerojatno je puno veća od ovdje iznesenog broja. Ne postoje nikakvi podaci o parazitima. Prisutnost nekih vrsta, koje spominju stariji autori, nije moguće prihvatiti bez provjere, a za to nedostaju izvorni materijali. To je posebno važno u slučajevima dvojbenog nazivlja. Podaci o abundanciji faune Riječkog zaljeva također nisu dostatni.

Zanimljivi su nalazi tipičnih »oceanskih« planktonskih organizama, t.j. vrsta otvorenog mora u akvatoriju Riječkog zaljeva, koji je svojim geomorfološkim i hidrografskim osobinama nesumnjivo dio neritičke provincije. Povremeni nalazi tintinida *Codonella aspera* i *Undella hyalina* (KRŠINIĆ, 1980, 1981) i kopepoda *Euchaeta hebes*, *Pleuromamma gracilis*, *Lucicutia flavicornis* i *Corycaeus furcifer* (BENOVIĆ i sur., 1981) mogu se objasniti samo povremenim ingresijama voda otvorenog mora u zaljev, potpomognutim lokalnim režimom struja (ORLIĆ i KASUMOVIĆ, 1980). Nasuprot tome, mnoge pelagične ribe, morske kornjače i kitovi su aktivni imigranti, koji se ne razmnožavaju u ovom području, već su zabilježeni kao rijetki posjetioci (JARDAS i sur., 1998; KOVAČIĆ, 1998; LAZAR i TVRTKOVIĆ, 1995; MATISZ, 1898). Te rijetke vrste dijelom su pridonijele navodno većoj raznolikosti riba u starijim izvorima, u odnosu na suvremena ihtiološka istraživanja. Budući da se sve razlike u sastavu vrsta riba ne mogu objasniti slučajnim ulovima, JARDAS i sur. (1998) su zaključili da je ihtiofauna Riječkog zaljeva nekada bila raznovrsnija nego danas. Kod svih drugih svojti sakupljeni podaci su nedovoljni za utemeljena razmatranja o promjenama raznolikosti vrsta.

Ovdje objavljeni podaci dopunjuju ranije navode o općoj rasprostranjenosti faune zabilježene u Riječkom zaljevu (ZAVODNIK, 1992). Većina se vrsta smatra atlantsko-mediteranskim ili endemnim mediteranskim elementima (45% i 17,2%). Također su dobro zastupljene vrste rasprostranjene širom svijeta, ili čak pravi kozmopoliti (20,3%). Neke je od njih u Jadran unio čovjek (*Balanus eburneus*, *Crassostrea gigas*). Prisutnost borealnih (1,6%) i mediteransko-borealnih elemenata (15,1%) posljedica je posebnih hidrografskih osobina područja, kao što su već davno pretpostavili LORENZ (1863) i BRUSINA (1896). Od malog broja, za sada poznatih, jadranskih endema, u Riječkom zaljevu zabilježeno je devet (*Epizoanthus univittatus*, *Gibbula adriatica*, *Phaxas adriaticus*, *Lumbrineris rovignensis*, *Arrabella coeca*, *Jaera schellenbergi*, *Polycitor adriaticus*, *Acipenser naccarii*, *Speleogobius trigloides*).

ZAHVALE

Autori su osobito zahvalni brojnim specijalistima i kolegama na njihovoj dragocjenoj pomoći i savjetima u pripremi ove liste, posebno (u abecednom slijedu): M. Arko-Pijevac, A. Benović, I. Grubelić, M. Hrs-Brenko, A. Jaklin, I. Jardas, F. Kršinić, M. Legac, I. Skaramuca, Z. Ševčić, A. Travizi, i E. Zahtila. Iskreno hvala gospođama A. Hrelja-Pokrajac i S. Padavić na ispravcima engleske verzije i anonimnim recenzentima na dragocjenim savjetima. Također zahvaljujemo Ministarstvu znanosti i tehnologije Republike Hrvatske (Projekt br. 00981302) i Primorsko-goranskoj županiji na pruženoj potpori.

INDEX OF TAXA/POPIS SVOJTI

CAPTIONS TO INDEX / NAZIVI I KRATICE U POPISU

Taxa – Svojte (Column 2 – Stupac 2.)

P H Y L L U M – K O L J E N O
S U B P H Y L L U M – P O D K O L J E N O
SUPERCLASSIS – NADRAZRED
CLASSIS – RAZRED
SUBCLASSIS – PODRAZRED
O r d o – R e d
Subordo – Podred
FAMILIA – OBITELJ
Genus + species – Rod + vrsta

General distribution – Opća rasprostranjenost (Column 3 – Stupac 3.)

AA = amphi-Atlantic – amfiatlantska
AD = Adriatic (endemic) – jadranska (endemna)
AM = Atlantic-Mediterranean – atlantsko-mediteranska
BM = boreal-Mediterranean – borealno-mediteranska
BO = boreal – borealna
CB = circumboreal – cirkumborealna
CP = cosmopolite – kozmopolitska
CT = circumtropical – cirkumtropska
IA = Indo-Atlantic – indoatlantska
IP = Indo-Pacific – indopacifička

MM = Mediterranean (endemic)– mediteranska (endemna)
WW = worldwide – vrsta rasprostranjena širom svijeta

Ecological distribution – Ekološka rasprostranjenost (Column 4 – Stupac 4.)

BE = benthic – bentoska
BP = benthic + pelagic – bentopelagična
CL = circalittoral – cirkalitoralna
EP = epibiontic – epibiontska
IC = infralittoral + circalittoral – infralitoralna i cirkalitoralna
IL = infralittoral – infralitoralna
MI = midlittoral + infralittoral – mediolitoralna i infralitoralna
ML = midlittoral – mediolitoralna
PA = parasitic – parazitska
PE = pelagic (nectonic) – pelagična (nektonska)
PL = pelagic (planktonic) – pelagična (planktonska)
SL = supralittoral – supralitoralna
SM = supralittoral + midlittoral – supralitoralna i mediolitoralna

Abundance in the area – Brojnost u lokalnom području (Column 5 – Stupac 5.)

A = abundant or dominating locally – lokalno brojna ili dominantna
C = common species – uobičajena vrsta
R = rare species – rijetka vrsta
O = species noted occasionally – sporadično zabilježena vrsta

1	2	3	4	5	6	7
Current Number – Redni broj	Taxon – Svojta	General distribution – Opća rasprostranjenost	Ecological distribution – Ekološka rasprostranjenost	Estimated abundance – Procijenjena brojnost	Authors' records – Nalazi autora	References – Izvori
	S A R C O M A S T I G O P H O R A					
	T A X O P O D A					
	STICHOLONCHEA					
	S t i c h o l o n c h i d a					
1.	*Sticholonche zanclea* Hertwig, 1877	PL				83
	R A D I O L A R I A					
	POLYCYSTINEA					
	N a s s e l l a r i a					
	ACANTHODESMIIDAE					
	Acanthodesmia sp.	PL		O		37
	PLAGONIIDAE					
2.	*Lithomelissa thoracites* Haeckel, 1862	PL		O		37
	ACANTHARIA					
	ACANTHOMETRIDAE					
3.	*Acanthometra pellucida* Müller, 1858	PL		C		37
4.	*Amphilonche elongata* (Müller, 1858)	PL		O		37
	C I L I O P H O R A					
	PERITRICHA					
	P e r i t r i c h i d a					
	VORTICELLIDAE					
5.	*Vorticella patellina* O. F. Müller, 1777			C		37
	ZOOTHAMNIIDAE					
	Zoothamnium sp.	PL		O		37

1	2	3	4	5	6	7

SPIROTRICHA

O l i g o t r i c h i d a

Tintinnina

CODONELLIDAE

6.	*Codonella aspera* Kofoid & Campbell, 1929		PL	R	82
7.	*Tintinnopsis angulata* Daday, 1887	MM	PL	R	37
8.	*Tintinnopsis campanula* (Ehrenberg, 1840)	BM	PL	O	37
9.	*Tintinnopsis compressa* Daday, 1887	MM	PL	R	37
10.	*Tintinnopsis lindeni* Daday, 1887	MM	PL	O	82
11.	*Tintinnopsis radix* (Imhof, 1886)	AM	PL	O	37,82,83

CODONELLOPSIDAE

12.	*Stenosemella ventricosa* (Claparède & Lachmann, 1858)	AM	PL	O	37,82,83

METACYLIDIDAE

13.	*Coxliella helix* (Claparède & Lachmann, 1858)	BM	PL	R	37
14.	*Metacylis joergenseni* (Cleve, 1902)	MM	PL	R	37

CYTTAROCYLIDIDAE

15.	*Cyttarocylis cassis* (Haeckel, 1837)	MM	PL	R	82

PTYCHOCYLIDIDAE

16.	*Favella ehrenbergi* (Clap. & Lach., 1858)	BM	PL	C	37

EPIPLOCYLIDIDAE

17.	*Epiplocylis acuminata* (Daday, 1887)	MM	PL	R	37

RHABDONELLIDAE

18.	*Rhabdonella spiralis* (Fol, 1881)	AM	PL	C	37

XYSTONELLIDAE

19.	*Xystonella* aff. *treforti* (Daday, 1887)	MM	PL	O	37

UNDELLIDAE

20.	*Undella hyalina* Daday, 1887	MM	PL	O	82,83

DICTYOCYSTIDAE

21.	*Dictyocysta elegans* Ehrenberg, 1854	MM	PL	A	82,83
22.	*Dictyocysta lepida* Ehrenberg, 1854	AM	PL	C	82

TINTINNIDAE

23.	*Amphorides amphora* (Clap. & Lach., 1858)	BM	PL	O	37,82
24.	*Amphorides quadrilineata* (Claparède & Lachmann, 1858)	BM	PL	R	82
25.	*Dadayiella ganymedes* (Entz, 1884)	MM	PL	R	82
26.	*Eutintinnus apertus* Kofoid & Campbell, 1929	BM	PL	C	37,82
27.	*Eutintinnus fraknoi* (Daday, 1887)	AM	PL	O	37,82,83
28.	*Eutintinnus lusus-undae* (Entz, 1885)	AM	PL	O	37,82
29.	*Steenstrupiella steenstrupii* (Claparède & Lachmann, 1858)	BM	PL	R	82,83

1	2	3	4	5	6	7
	P O R I F E R A					
	CALCISPONGIAE					
	H o m o c o e l i d a					
	CLATHRINIDAE					
1.	*Clathrina contorta* (Bowerbank, 1866)	BM	CI			31
2.	*Clathrina coriacea* (Montagu, 1818)	CP	IL		+	181
	H e t e r o c o e l i d a					
	SYCETTIDAE					
3.	*Sycon raphanus* O. Schmidt, 1862	CP	IL		+	181
4.	? *Sycon tuba* (Lendenfeld, 1891)	MM	IL		+	173
	DEMOSPONGIAE					
	HOMOSCLEROMORPHA					
	H o m o s c l e r o p h o r i d a					
	OSCARELLIDAE					
5.	*Oscarella lobularis* (O. Schmidt, 1862)	AM	CL	O	+	181
	TETRACTINOMORPHA					
	A s t r o p h o r i d a					
	GEODIIDAE					
6.	*Geodia cydonium* (Jameson, 1811)	CP	CL	R	+	49
	THENEIDAE					
7.	*Thenea muricata* (Bowerbank, 1858)	AM	CL	R		22
	CHONDROSIIDAE					
8.	*Chondrosia reniformis* Nardo, 1847	CP	IC	C	+	181
9.	*Chondrilla nucula* O. Schmidt, 1862	CP	IL	A	+	31,167,181,182
	H a d r o m e r i d a					
	TETHYIDAE					
10.	*Tethya aurantium* (Pallas, 1766)	CP	CL	C	+	22,31,49,167,181,182
	SUBERITIDAE					
11.	*Suberites carnosus* (Johnston, 1842)	AM	CL		+	181
12.	*Suberites domuncula* (Olivi, 1792)	AM	CL	C	+	12,22,181,182
	POLYMASTIIDAE					
13.	*Polymastia mamillaris* (Müller, 1806)	AM	CL	R	+	167
	SPIRASTRELLIDAE					
14.	*Spirastrella cunctatrix* O. Schmidt, 1868	CP	IL		+	49
	CLIONIDAE					
15.	*Cliona celata* Grant, 1826	CP	IL	A	+	49,167,181
16.	*Cliona schmidti* (Ridley, 1881)	IP	IL		+	
	First notice in Rijeka Bay; collected at station RI-67, 10-20 m, on 2.10.1981., det. W. E. G. Müller.					
17.	*Cliona vastifica* Hancock, 1849	CP	IC		+	181
18.	*Cliona vermifera* Hancock, 1867	CT	IL		+	
	First notice in Rijeka Bay; collected at station RI-9, 3.5 m, on 30.9.1988., det. D. Zavodnik.					

1	2	3	4	5	6	7
19.	*Cliona viridis* (O. Schmidt, 1862)	AM	IL	A	+	49,167,181
	A x i n e l l i d a					
	AXINELLIDAE					
20.	*Axinella cannabina* (Esper, 1794)	MM	CL		+	49,167,181
21.	*Axinella damicornis* (Esper, 1794)	MM	CL		+	12,167,181
22.	*Axinella polypoides* O. Schmidt, 1862	AM	CL		+	167,181
23.	*Axinella verrucosa* (Esper, 1794)	MM	CL	R	+	49,167,181,182
24.	*Acanthella acuta* O. Schmidt, 1862	MM	IL	R	+	49,167,181
	AGELASIDAE					
25.	*Agelas oroides* (O. Schmidt, 1864)	IP	CL		+	
	First notice in Rijeka Bay; collected at station RI-64, 6 m, on 5.8.1986., det. W. E. G. Müller.					
	CERACTINOMORPHA					
	H a l i c h o n d r i d a					
	HYMENIACIDONIDAE					
26.	*Hymeniacidon sanguinea* (Grant, 1826)	CP	IL			36
	P o e c i l o s c l e r i d a					
	MYCALIDAE					
27.	*Mycale massa* (O. Schmidt, 1862)	BM	CL		+	31,12
28.	*Mycale modesta* (O. Schmidt, 1862)					12
29.	*Mycale syrinx* (O. Schmidt, 1862)					12
	ESPERIOPSIDAE					
30.	*Crambe crambe* (O. Schmidt, 1862)	MM	IC		+	
	First notice in Rijeka Bay; collected at station RI-67, 10-20 m, on 2.10.1986., det. W. E. G. Müller.					
	MYXILLIDAE					
31.	*Myxilla rosacea* (Lieberkühn, 1859)	CP				12
	H a p l o s c l e r i d a					
	HALICLONIDAE					
32.	*Haliclona cratera* O. Schmidt, 1862	MM	CL		+	167
	RENIERIDAE					
33.	*Petrosia ficiformis* (Poiret, 1789)	MM	IL	A	+	49,50,167,181,182
34.	*Calyx nicaeensis* (Risso, 1826)	MM	IL	R	+	181
	D i c t y o c e r a t i d a					
	DYSIDEIDAE					
35.	*Dysidea avara* (O. Schmidt, 1862)	IP	IL		+	181
36.	*Dysidea tupha* (Martens, 1824)	MM	CL		+	31,181
	Dysidea sp.				+	181
	SPONGIIDAE					
37.	*Spongia officinalis* Linnaeus, 1759	MM	IL	C	+	181,182
38.	*Cacospongia scalaris* O. Schmidt, 1862	BM	IL	O	+	181
	Cacospongia sp.				+	49,181,182
39.	*Ircinia dendroides* (O. Schmidt, 1862)	MM	IL		+	181
40.	*Ircinia fasciculata* Pallas, 1766	CP	IL		+	181
41.	*Ircinia spinosula* (O. Schmidt, 1862)	IP	IL		+	31
	Ircinia sp.				+	182

1	2	3	4	5	6	7
42.	*Hippospongia communis* Lamarck, 1813	MM	IL	C	+	181
	V e r o n g i d a					
	VERONGIIDAE					
43.	*Verongia aerophoba* (O. Schmidt, 1862)	CP	IL	C	+	31,49,167,181,182

P L A T Y H E L M I N T H E S

TURBELLARIA

A c o e l a

	CONVOLUTIDAE					
1.	*Convoluta henseni* Böhming		PL	O		37
	incertae sedis:					
2.	*Gyrator viridis* Busch.		PL			37

C N I D A R I A

HYDROZOA

H y d r o i d e a

Athecata - Anthomedusae

	CORYNIDAE					
1.	*Sarsia gemmifera* Forbes, 1848	BM	PL	R	+	37,114
	TUBULARIIDAE					
2.	*Eucudonium brownei* Hartlaub, 1907	BM	PL		+	37,114
3.	*Tubularia crocea* Agassiz, 1862	WW	PL			35
	ZANCLEIDAE					
4.	*Zanclea costata* Gegenbaur, 1856	AM	PL		+	37,114
	HYDRACTINIIDAE					
5.	*Podocoryna carnea* M. Sars, 1846	WW	BP		+	181,37
6.	*Podocoryna hartlaubi* Neppi & Stiasny, 1911	AD	PL		+	37,114
7.	*Podocoryna minuta* (Steenstrup, 1850)	AM	PL		+	37,114
	BOUGAINVILLIIDAE					
8.	*Bougainvillia ramosa* (van Beneden, 1884)	CP	PL		+	37,114
9.	*Lizia blondina* Forbes, 1848	BM	PL		+	37,114
10.	*Thamnostoma dibalia* (Busch, 1851)	MM	PL		+	37,114
	PANDEIDAE					
11.	*Amphinema dinema* (Péron & Lesueur, 1809)	BM	PL		+	37,114
12.	*Leuckartiara octona* (Fleming, 1823)	CP	IL		+	182
	Polypoid generation: *Perigonimus repens* Wright, 1859.					
	Perigonimus georginae Hadži, 1913		PL			37
	Probable polypoid generation: *Amphinema dinema.*					
	EUDENDRIIDAE					
	Eudendrium sp.		IL		+	49

1	2	3	4	5	6	7
	Thecaphora - Leptomedusae					
	LAODICEIDAE					
13.	*Laodicea undulata* (Forbes & Goodsir, 1851)	CP	PL		+	114
	CAMPANULARIIDAE					
14.	*Clytia hemisphaerica* (Thorneley, 1900)	CP	PL		+	114
15.	*Obelia dichotoma* (Linnaeus, 1758)	CP	PL			37
	Obelia spp.		BP		+	37,47,114,182
	Laomedea sp.		IL		+	31
	PLUMULARIIDAE					
16.	*Nemertesia antennina* Linnaeus, 1758	AM	IL		+	182
	Nemertesia sp.		IL		+	167,173,181
	Plumularia sp.		IL		+	45
17.	*Aglaophenia octodonta* (Heller, 1868)	AM	IL			129
18.	*Aglaophenia tubiformis* Marktanner-Turneretscher, 1890	AM	IL			95,129
	SERTULARIIDAE					
	Sertularella sp.		IL		+	181
	EUCHEILOTIDAE					
19.	*Eucheilota maasi* Neppi & Stiasny, 1911		PL	R		37
	EUTIMIDAE					
20.	*Eutima gegenbauri* (Haeckel, 1864)	MM	PL		+	114
21.	*Eutonina scintillans* (Bigelow, 1909)	MM	PL			37
	AEQUOREIDAE					
22.	*Aequorea aequorea* (Forskal, 1775)	AM	PL			11
	T r a c h y l i n a					
	Trachymedusae					
	GERYONIIDAE					
23.	*Liriope tetraphylla* (Chamisso & Eysenhardt, 1821)	WW	PL		+	114
	RHOPALONEMATIDAE					
24.	*Aglaura hemistoma* (Vanhöffen, 1902)	WW	PL	R	+	37,114
	Narcomedusae					
	SOLMARISIDAE					
25.	*Solmaris leucostyla* (Will, 1844)	MM	PL	R		37
	S i p h o n o p h o r a					
	Chondrophora					
	PORPITIDAE					
26.	*Porpita porpita* Linnaeus, 1758	CP	PL			11
	VELELLIDAE					
27.	*Velella velella* (Linnaeus, 1758)	CP	PL			11
	Calycophorae					
	DIPHYIDAE					
28.	*Lensia subtilis* (Chun, 1886)	MM	PL		+	167
29.	*Muggiaea kochi* (Will, 1844)	MM	PL			37,11

1	2	3	4	5	6	7
	SPHAERONECTIDAE					
30.	*Sphaeronectes gracilis* (Claus, 1873)	AM	PL			37
	ABYLIDAE					
31.	*Abylopsis tetragona* (Otto, 1823)	WW	PL			11
	ANTHOZOA					
	C e r i a n t h a r i a					
	CERIANTHIDAE					
32.	*Cerianthus membranaceus* (Spall., 1784)	MM	IL	C	+	49,138, 167,181
	Cerianthus sp.		CL		+	160,167
	Z o a n t h a r i a					
	PARAZOANTHIDAE					
33.	*Parazoanthus axinellae* O. Schmidt, 1862	AM	CI	A	+	49,106,167,181,182
	EPIZOANTHIDAE					
34.	*Epizoanthus univittatus* (Lorenz, 1860)	AD	IL			92,106
	Locus typicus: around Preluk cove. Only holotype colony known.					
	A c t i n i a r i a					
	ACTINIIDAE					
35.	*Actinia cari* Delle Chiaje, 1841	MM	IL	R		106
36.	*Actinia equina* Linnaeus, 1758	CP	ME	A	+	49,106,181,182
37.	*Anemonia viridis* (Forskal, 1775)	MM	IL	A	+	49,106,107,167,181, 182
38.	*Bunodactis verrucosa* (Pennant, 1777)	AM	IL		+	
	First notice in Rijeka Bay; collected at station RI-64, 6 m, on 5.8.1986., det. D. Zavodnik.					
39.	*Condylactis aurantiaca* (D. Chiaje, 1825)	MM	IL	C	+	49,167,181,182
	AIPTASIIDAE					
40.	*Aiptasia mutabilis* (Gravenhorst, 1831)	MM	IL	O	+	
	First notice in Rijeka Bay; collected at station RI-72, 1 m, on 18.9.1992., det. D. Zavodnik.					
	HORMATHIIDAE					
41.	*Adamsia palliata* (Bohadsch, 1761)	AM	CL	C	+	106,181
42.	*Calliactis parasitica* (Couch, 1838)	AM	IL	C	+	106,181,182
	SAGARTIIDAE					
43.	*Cereus pedunculatus* (Pennant, 1777)	AM	IL	C	+	49,106,167,181,185
44.	*Sagartia elegans* (Dalyell, 1848)	BM	IL	O		106
45.	*Sagartiogeton undatus* (O. F. Müller, 1788)	BM	IL	O		106
	S c l e r a c t i n i a					
	CARYOPHYLLIDAE					
46.	*Cladocora caespitosa* (Linnaeus, 1767)	MM	IL	C	+	31,49,62,106,167, 181,182
47.	*Caryophyllia inornata* (Duncan, 1878)	AM	IL	C	+	167,181
48.	*Caryophyllia smithii* Stokes & Broderip, 1828	AM	CL	O	+	31,35
	DENDROPHYLLIDAE					
	Notices on the presence of *Astroides calycularis* (Pallas, 1766) (98,106) in Rijeka Bay are fully doubtful (184).					
49.	*Balanophyllia europaea* (Risso, 1826)	AM	IL	A	+	31,49,62,106,167, 181,182
50.	*Leptopsammia pruvoti* Lacaze-Duthiers, 1897	AM	IL	O	+	

1	2	3	4	5	6	7
	First notice in Rijeka Bay; collected at station RI-32, 29 m, on 24.07.1975., det. H. Zibrowius.					
	A l c y o n a c e a					
	ALCYONIDAE					
51.	*Alcyonium acaule* Marion, 1878	MM	IL	C	+	49,167
52.	*Alcyonium coralloides* (Pallas, 1766)	AM	IL	C	+	35,49,167
53.	*Alcyonium palmatum* Pallas, 1766	MM	CL	R		22,35
	G o r g o n a c e a					
	PLEXAURIDAE					
54.	*Paramuricea clavata* (Risso, 1826)	AM	CL	A	+	49,167
	GORGONIIDAE					
55.	*Eunicella cavolinii* (Koch, 1887)	AM	CL	A	+	35,49,167,181,
56.	*Eunicella singularis* (Esper, 1794)	AM	IL	C	+	33,119
	P e n n a t u l a c e a					
	VERETILLIDAE					
57.	*Veretillum cynomorium* (Pallas, 1766)	AM	IL			107
	FUNICULINIDAE					
58.	*Funiculina quadrangularis* (Pallas, 1766)	CP	IC	O	+	
	First notice in Rijeka Bay; collected at station C-8, 63 m, on 27.7.1971., det. D. Zavodnik.					
	PENNATULIDAE					
59.	*Pennatula phosphorea* Linnaeus, 1758	MM	CL	R		22
	SCYPHOZOA					
	S e m a e o s t o m a e					
	PELAGIIDAE					
60.	*Pelagia noctiluca* (Forskal, 1775)	AM	PL	A	+	167
61.	*Chrysaora hysoscella* (Linnaeus, 1766)	AM	PL	R	+	37,181
	ULMARIDAE					
62.	*Discomedusa lobata* Claus, 1877		PL			11
	R h i z o s t o m a e					
	RHIZOSTOMATIDAE					
63.	*Rhizostoma pulmo* (Macri, 1778)	AM	PL	R		127
	CEPHEIDAE					
64.	*Cotylorhiza tuberculata* (Macri, 1778)	AM	PL	R		127
	C T E N O P H O R A					
	HAECKELIIDAE					
1.	*Haeckelia rubra* Kölliker, 1853		PL			127
	BOLINOPSIDAE					
2.	*Leucothea multicornis* (Quoy & Gaimard, 1824)	AM	PL	C		127
3.	*Eucharis rubra* Chun, 1880		PL			127

1	2	3	4	5	6	7

N E M A T O D A

ADENOPHOREA

ENOPLIA

E n o p l i d a

Enoplina

OXYSTOMINIDAE

1.	*Halalaimus filicaudatus* (Allgén, 1959)	CP	CL	C	+	157

ONCHOLAIMIDAE

2.	*Oncholaimus dujardini* (De Man, 1876)	CP		O	+	115

ENCHELIDIIDAE

3.	*Eurystomina assimilis* (De Man, 1876)	BM		O	+	115
4.	*Eurystomina ornata* (Eberth, 1863)	CP		O	+	115

Tripyloidina

RHABDODEMANIIDAE

5.	*Rhabdodemania mediterranea* (Boucher, 1971)	MM	CL	C	+	157

CHROMADORIA

C h r o m a d o r i d a

Chromadorina

CHROMADORIDAE

6.	*Actinonema pachydermatum* (Cobb, 1920)	AA	CL	A	+	157
7.	*Chromadora axi* (Gerlach, 1951)	AA	CL	O	+	157
8.	*Euchromadora striata* (Eberth, 1863)	AM	CL	O	+	115,157
9.	*Prochromadorella actuaria* (Vitiello, 1971)	MM	CL	O	+	157
10.	*Ptycholaimellus ponticus* (Filipjev, 1922)	AA	CL	C	+	157
11.	*Spilophorella paradoxa* (De Man, 1988)	CP	CL	C	+	157

ETHMOLAIMIDAE

12.	*Neotonchoides pseudocorcundus* (Vit., 1971)	MM	CL	C	+	157

SELACHINEMATIDAE

13.	*Halichoanolaimus dolichurus* (Ssaweljev, 1912)	CP	CL	C	+	157

CYATHOLAIMIDAE

14.	*Longicyatholaimus longicaudatus* (De Man, 1876)	AA	CL	C	+	157
15.	*Marilynia annae* (Wieser & Hopper, 1967)	CP	CL	O	+	157
16.	*Marilynia bellula* (Vitiello, 1970)	MM	CL	C	+	157
17.	*Marilynia complexa* (Warwick, 1971)	BM	CL	A	+	157
18.	*Praeacanthonchus quarneriensis* (Daday, 1901)					115

Locus typicus probably in the Rijeka Bay area. Probably a synonym of *Praeacanthonchus mediterraneus* Mickoletzky, 1924.

COMESOMATIDAE

19.	*Dorylaimopsis mediterranea* (Grimaldi-De Zio, 1968)	MM	CL	A	+	157
20.	*Hopperia massiliensis* (Vitiello, 1969)	MM	CL	A	+	157
21.	*Paracomesoma dubium* (Filipjev, 1918)	AM	CL	C	+	157
22.	*Sabatieria abyssalis* (Filipjev, 1918)	IP	CL	C	+	157

1	2	3	4	5	6	7
23.	*Sabatieria granulosa* (Vitello & Boucher, 1071)	MM	CL	C	+	157
24.	*Sabatieria ornata* (Ditlevsen, 1918)	MM	CL	A	+	157
25.	*Setosabatieria hilarula* (De Man, 1922)	AA	CL	A	+	157
	MICROLAIMIDAE					
26.	*Microlaimus undulatus* (Gerlach, 1953)	MM	CL	O	+	157
	DESMOSCOLECIDAE					
27.	*Desmoscolex minutus* Claparède, 1863	BO	CL	O	+	157
	SPHAEROLAIMIDAE					
28.	*Sphaerolaimus dispar* (Filipjev, 1918)	AA	CL	O	+	157
29.	*Sphaerolaimus macrocirculus* (Filipjev, 1918)	MM	CL	O	+	157
	SIPHONOLAIMIDAE					
30.	*Astomonema otti* (Vidaković & Boucher, 1987)	IC	AD	A	+	157,163
	Locus typicus: Bakar Bay					
31.	*Siphonolaimus elongatus* (Stekhoven, 1950)	MM	CL	O	+	157
	LINHOMOEIDAE					
32.	*Metalinhomoeus setosus* (ChitwooD, 1951)	AM	CL	O	+	157
33.	*Terschellingia longicaudata* De Man, 1907	CP	CL	C	+	
	First notice in Rijeka Bay; collected at station TER-19, 63 m, on 16.5.1990. and 18.8.1990., det. A. Travizi.					

K A M P T O Z O A

	LOXOSOMATIDAE					
1.	*Loxosomella atkinsae* (Bobin & Prenant, 1953)		CL	C	+	173,181
2.	*Loxosomella phascolosomata* (Vogt, 1876)	AM	CL	R	+	178

M O L L U S C A

PLACOPHORA

L e p i d o p l e u r i d a

	LEPIDOPLEURIDAE					
1.	*Lepidopleurus cancellatus* (Sowerby, 1839)	CB	IL	R	+	181

C h i t o n i d a

	LEPIDOCHITONIDAE					
2.	*Lepidochitona corrugata* (Scacchi, 1836)	MM	ML	C	+	181
3.	*Ischnochiton rissoi* (Payraudeau, 1826)	AM	CL		+	
	First notice in Rijeka Bay; collected at station TER-45, 38 m, on 12.7.1976., det. D. Zavodnik.					
	CHITONIDAE					
4.	*Chiton corallinus* (Risso, 1826)	MM	IL	R	+	181
5.	*Chiton olivaceus* Spengler, 1797	AM	IL	R	+	181
	ACANTHOCHITONIDAE					
6.	*Acanthochitona communis* (Risso, 1826)	AM	IL		+	
	First notice in Rijeka Bay; collected at station RI-32, 5-12 m, on 16.5.1981., det. D. Zavodnik.					

1	2	3	4	5	6	7
	GASTROPODA					
	PROSOBRANCHIA					
	D o c o g l o s s a					
	PATELLIDAE					
7.	*Patella caerulea* Linnaeus, 1758	AM	IL	A	+	45,49,50,132,167, 181,182
8.	*Patella rustica* Linnaeus, 1758	AM	SM	A	+	49,50,132,167,181
9.	*Patella ulyssiponensis* Gmelin, 1791	AM	ML	C	+	50,132,167,181
	All *Patella* species are consumed occasionally by local people.					
	V e t i g a s t r o p o d a					
	FISSURELLIDAE					
10.	*Diodora gibberula* (Lamarck, 1822)	AM	IL	O	+	50,181
11.	*Diodora graeca* (Linnaeus, 1758)	AM	IL	O	+	50,181
12.	*Diodora italica* (Defrance, 1820)	AM	IL	O	+	50,181
13.	*Emarginella huzardii* (Payraudeau, 1826)	MM	IL	O	+	50
14.	*Puncturella noachina* (Linnaeus, 1771)	BO	CL	O	+	50,181
	SCISSURELLIDAE					
15.	*Sinezona cingulata* (O. G. Costa, 1861)	AA	IL	R		50,162
	HALIOTIDAE					
16.	*Haliotis tuberculata lamellosa* Lamarck, 1822	AM	IL	C	+	35,49,50,132,167, 181,182
	TROCHIDAE					
17.	*Clanculus corallinus* (Gmelin, 1791)	AM	IL	O	+	50,181
18.	*Clanculus cruciatus* (Linnaeus, 1758)	AM	IL	O	+	50,132,181
19.	*Clanculus jussieui* (Payraudeau, 1826)	MM	IL	O	+	50,181
20.	*Calliostoma gualterianum* (Philippi, 1848)	MM	IL	O	+	50,181
21.	*Calliostoma laugieri* (Payraudeau, 1826)	MM	IL	O	+	50,181
22.	*Calliostoma zizyphinum* (Linnaeus, 1758)	BM	IL	O	+	33,123
23.	*Gibbula adansonii* (Payraudeau, 1826)	MM	IL	C	+	50,132,181
24.	*Gibbula adriatica* (Philippi, 1844)	AD	IL	C	+	50,182,181
25.	*Gibbula albida* (Gmelin, 1791)	MM	IL		+	50,181
26.	*Gibbula ardens* (Salis, 1793)	AM	IL	R	+	31,50,181
27.	*Gibbula divaricata* (Linnaeus, 1758)	AM	IL	A	+	48,49,50,132,167, 181,182
	Consumed occasionally by local people.					
28.	*Gibbula guttadauri* (Philippi, 1836)	MM	IL		+	50,181
29.	*Gibbula magus* Linnaeus, 1758	AM	IL	R	+	50,132,181
30.	*Gibbula rarilineata* (Michaud, 1829)	MM	IL	C	+	50,181
31.	*Gibbula varia* (Linnaeus, 1758)	MM	IL		+	50,181
32.	*Monodonta articulata* Lamarck, 1822	AM	IL	C	+	48,49,50,132,167,181
33.	*Monodonta mutabilis* (Philippi, 1846)	MM	IL	R	+	48,50,167,181
34.	*Monodonta turbinata* (Born, 1778)	AM	IL	A	+	35,48,49,50,132,167, 181
	All *Monodonta* species are consumed occasionally by local people.					
35.	*Jujubinus exasperatus* (Pennant, 1777)	AM	IL	O	+	50,181
36.	*Jujubinus striatus* (Linnaeus, 1758)	AM	IL	O	+	50,132,181
	COLLONIIDAE					
37.	*Homalopoma sanguineum* (Linnaeus, 1758)	AM	IL	R	+	50

1	2	3	4	5	6	7
	TRICOLIIDAE					
38.	*Tricolia pullus pullus* (Linnaeus, 1758)	BM	IL	O	+	50,181
	TURBINIDAE					
39.	*Bolma rugosa* (Linnaeus, 1767)	AM	CL	O	+	50,181,182
	N e o t a e n i o g l o s s a					
	CERITHIIDAE					
40.	*Cerithium alucaster* (Brocchi, 1814)	MM	IL	R	+	50,181
41.	*Cerithium rupestre* Risso, 1826	AM	IL	C	+	50
42.	*Cerithium vulgatum* Bruguière, 1792	AM	IL	A	+	31,49,50,132,181,182
43.	*Bittium reticulatum* (Da Costa, 1778)	BM	IL	A	+	31,49,50,132,167,181
44	? *Bittium turbonilloides* Dautzenberg & Fischerman	MM	IL	R	+	50,181
	TURRITELLIDAE					
45.	*Turritella communis* Risso, 1826	BM	CL	A	+	22,35,50,132,160, 161,167, 173,181,182
46.	*Turritella turbona* Monterosato, 1877	AM	IC	R	+	50,167,181
	LITTORINIDAE					
47.	*Littorina neritoides* (Linnaeus, 1758)	BM	SL	A	+	49,50,132,167,181, 182
	SKENEOPSIDAE					
48.	*Skeneopsis pellucida* (Monterosato, 1874)	AM	IL	R		50,162
	RISSOIDAE					
49.	*Rissoa decorata* Philippi, 1846	AM	IL		+	48,50,181
50.	*Rissoa splendida* Eichwald, 1830	MM	IL	C	+	50,181
51.	*Rissoa variabilis* (Mühlfeldt, 1824)	AM	IL	C	+	50,181
52.	*Rissoa ventricosa* Desmarest, 1814	MM	IL	C	+	48,50,181
53.	*Alvania cimex* (Linnaeus, 1758)	AM	IL	O	+	50,132,181
54.	*Alvania discors* (Allan, 1818)	AM	IL	O	+	48,50,181
55.	*Alvania lanciae* (Calcara, 1841)	MM	IL	O	+	50,181
56.	*Pusillina parva* (Da Costa, 1778)	AM	IL	C	+	50
57.	*Rissoina bruguierei* (Payraudeau, 1826)	MM	IL	O	+	50,181
	CAECIDAE					
58.	*Caecum saavedrae* Beltran	MM	IL	R		50,162
	APORRHAIDAE					
59.	*Aporrhais pespelecani* (Linnaeus, 1758)	BM	CL	C	+	35,50,132,181,182
	CALYPTRAEIDAE					
60.	*Calyptraea chinensis* (Linnaeus, 1758)	AM	IL	C	+	50,181,182
	VERMETIDAE					
61.	*Vermetus triquetrus* Bivona Ant., 1832	AM	IL	C	+	50,132,181
62.	*Serpulorbis arenaria* (Linnaeus, 1767)	MM	IL	C	+	49,50,181
	OVULIDAE					
63.	*Aperiovula adriatica* (G. B. Sowerby I, 1828)	MM	IC	O		22,50
64.	*Neosimnia spelta* (Linnaeus, 1758)	AM	CL	R	+	35,50,127,167
65.	*Simnia nicaeensis* Risso, 1826	MM	CL	R	+	50,167
	TRIVIIDAE					
66.	*Trivia arctica* (Pulteney, 1789)	BM	IL	R		50,132
67.	? *Trivia multilirata* (G. B. Sowerby II, 1870)		IL	R	+	50

1	2	3	4	5	6	7
	NATICIDAE					
68.	*Euspira guillemini* (Payraudeau, 1826)	AM	IL	C	+	50,132,181
69.	*Euspira nitida* (Donovan, 1804)	BM	CL	C	+	50,132,181,182
70.	*Payraudeautia intricata* (Donovan, 1804)	AM	IL	R	+	50,181
	CASSIDAE					
71.	*Galeodea echinophora* (Linnaeus, 1758)	MM	CL	R		50,127,182
	TRIPHOTIDAE					
72.	*Monophorus perversus* (Linnaeus, 1758)	BM	IL	O	+	50,181
	CERITHIOPSIDAE					
73.	*Cerithiopsis tubercularis* (Montagu, 1803)	AM	IL	C	+	50
	EPITONIIDAE					
74.	*Epitonium turtoni* (Turton, 1819)	BM	IL	O	+	50,181
	EULIMIDAE					
75.	*Eulima glabra* (Da Costa, 1778)	AM	CL	O	+	50,181
	N e o g a s t r o p o d a					
	MURICIDAE					
76.	*Bolinus brandaris* (Linnaeus, 1758)	AM	IL	C	+	50,181
77.	*Hexaplex trunculus* (Linnaeus, 1758) Consumed occasionally by local people.	AM	IL	C	+	48,49,50,167,181,182
78.	*Muricopsis cristata* (Brocchi, 1814)	AM	IL	C	+	50,132,181
79.	*Ocenebra erinaceus* (Linnaeus, 1758)	AM	IL	R	+	50,132,181
80.	*Ocinebrina aciculata* (Lamarck, 1822)	AM	IL	O	+	50,132,181
81.	*Ocinebrina edwardsi* (Payraudeau, 1826)	AM	IL	O	+	50
82.	*Engina leucozona* (Philippi, 1843)	AM	IL		+	50,181
83.	*Pisania striata* (Gmelin, 1791)	AM	IL	C	+	50,132,181,182
84.	*Pollia dorbignyi* (Payraudeau, 1826)	AM	IL		+	50,181
85.	*Fusinus pulchellus* (Philippi, 1844)	AM	CL		+	50,181
86.	*Fusinus rostratus* (Olivi, 1792)	AM	CL		+	31,50,132
87.	*Fusinus syracusanus* (Linnaeus, 1758)	AM	CL		+	50
88.	*Nassarius coralligenus* (Pallary, 1900)	MM	IL		+	50
89.	*Nassarius incrassatus* (Ström, 1768)	BM	IL	C	+	50,181
90.	*Nassarius reticulatus* (Linnaeus, 1758)	AM	IL		+	50
	COLUMBELLIDAE					
91.	*Columbella rustica* (Linnaeus, 1758)	AM	IL	C	+	50,132,181
92.	*Mitrella scripta* (Linnaeus, 1758)	MM	IL	R	+	50,181
	COSTELLARIIDAE					
93.	*Vexillum ebenus* (Lamarck, 1811)	AM	IL	O	+	31,50
94.	*Vexillum tricolor* (Gmelin, 1791)	MM	IL	O	+	50,181
	MITRIDAE					
95.	*Mitra cornicula* (Linnaeus, 1758)	AM	IL	O	+	50,181
96.	*Mitra nigra* (Gmelin, 1791)	MM	IL	O	+	50
	CONIDAE					
97.	*Conus mediterraneus* Hwass in Brug., 1792	AM	IL	C	+	50,132,181,182
	TURRIDAE					
98.	*Raphitoma linearis* (Montagu, 1803)	BM	IL	R	+	50,181
99.	*Raphitoma purpurea* (Montagu, 1803)	BM	IL	R	+	50,181

1	2	3	4	5	6	7
	HETEROBRANCHIA					
	H e t e r o s t r o p h a					
	OMALOGYRIDAE					
100.	*Ammonicera fischeriana* (Monterosato, 1869)	BM	IL	O		50,162
	OPISTHOBRANCHIA					
	S a c c o g l o s s a					
	ELYSIIDAE					
101.	*Elysia timida* (Risso, 1818)	MM	IL	C	+	50
102.	*Thuridilla hopei* (Vérany, 1853)	MM	IL	C	+	50
	BOSELLIDAE					
103.	*Bosellia mimetica* Trinchese, 1891	MM	IL	O	+	50
	N o t a s p i d e a					
	TYLODINIDAE					
104.	*Tylodina perversa* (Gmelin, 1791)	AM	IL	O	+	35,49,50,127
	A n a s p i d e a					
	APLYSIIDAE					
105.	*Aplysia depilans* Gmelin, 1791	AM	IL	O		35,50,127
106.	*Aplysia parvula* Guilding in Moerch, 1863	CT	IL	O	+	50
107.	*Aplysia punctata* (Cuvier, 1803)	BM	IL	O		50,181
	N u d i b r a n c h i a					
	GONIODORIDAE					
108.	*Trapania lineata* Haefelfinger, 1960	MM	IL	R	+	50
	CHROMODORIDIDAE					
109.	*Hypselodoris tricolor* (Cantraine, 1835)	AM	IL	O	+	50
	DISCODORIDIDAE					
110.	*Discodoris atromaculata* (Bergh, 1880)	MM	IL	C	+	49,50
	DENDRODORIDIDAE					
111.	*Dendrodoris* cf. *grandiflora* (Rapp, 1827)	AM	IL	O	+	49,50
	TETHYIDAE					
112.	*Tethys fimbria* Linnaeus, 1767	AM	CI	R		22,50
	TRITONIIDAE					
113.	*Tritonia manicata* Deshayes, 1853			R		50
	ZEPHYRINIDAE					
114.	*Janolus cristatus* (Delle Chiaje, 1841)	AM	IL	O	+	50
	EUBRANCHIDAE					
115.	*Eubranchus farrani* (Alder & Hancock, 1844)	AM	IL	R	+	50
	FACELLINIDAE					
116.	*Cratena peregrina* (Gmelin, 1791)	MM	IL	C	+	50
	FLABELLINIDAE					
117.	*Flabellina affinis* (Gmelin, 1791)	AM	IL	C	+	49,50
118.	*Coryphella lineata* (Lovén, 1846)	BM	IL	O	+	49,50
	TERGIPEDIDAE					
119.	*Cuthona caerulea* (Montagu, 1804)	BM	IL	R		50

1	2	3	4	5	6	7
	SCAPHOPODA					
	D e n t a l i i d a					
	DENTALIIDAE					
120.	*Dentalium (Antalis) dentale* Linnaeus, 1758	AM	CL	R	+	160,161,164,167,181
121.	*Dentalium (Antalis) vulgare* Da Costa, 1788	BM	IL	R	+	164,181
	FUSTIARIIDAE					
122.	*Fustiaria rubescens* (Deshayes, 1825)	AM	CL	R	+	164,181
	SIPHONODENTALIIDAE					
123.	*Cadulus (Dischides) politus* (S. Wood, 1842)	AM	IL	R		162
	BIVALVIA					
	PROTOBRANCHIA					
	S o l e m y o i d a					
	SOLEMYIDAE					
124.	*Solemya togata* (Poli, 1795)	AM	IL		+	39,87,90
	N u c u l o i d a					
	NUCULIDAE					
125.	*Nucula nitidosa* Winckworth, 1930	AM	CL	C	+	87,90,181,182
126.	*Nucula nucleus* (Linnaeus, 1758)	BM	IC		+	87,90,181
127.	*Nucula sulcata* Bronn, 1831	BM	IC	C	+	39,87,90,160
	Nucula sp. (juv.)		CL		+	90,173
	NUCULANIDAE					
128.	*Nuculana commutata* (Philippi, 1844)	AM	CL	O	+	39,87,90,181
	Noted also by a synonym *N. ilirica* Carozza, 1987, described from material collected in part in Rijeka Bay.					
	PTEROMORPHIA					
	A r c o i d a					
	ARCIDAE					
129.	*Arca noae* Linnaeus, 1758	AM	IL	A	+	40,49,87,90,181
	Commercially evaluated, but not harvested in the area.					
130.	*Arca tetragona* Poli, 1795	BM	IL		+	40,90
131.	*Barbatia barbata* (Linnaeus, 1758)	AM	IL		+	40,90
	NOETIDAE					
132.	*Striarca lactea* (Linnaeus, 1758)	AM	CL	C	+	31,40,87,90,181
	GLYCYMERIDIDAE					
133.	*Glycymeris glycymeris* (Linnaeus, 1758)	BM	IC	R	+	41,90,181
	M y t i l o i d a					
	MYTILIDAE					
134.	*Mytilus galloprovincialis* Lamarck, 1819	AM	IL	A	+	45,47,49,87,90,167, 181,182
	Commercially important, but not reared in the area.					
135.	*Mytilaster minimus* (Poli, 1795)	AM	ML	A	+	48,87,90,181
136.	*Modiolarca subpicta* (Cantraine, 1835)	AM	IL	O	+	18,35,45,47,90

1	2	3	4	5	6	7
137.	*Musculus costulatus* (Risso, 1826)	AM	IL		+	48,90,181
	Musculus sp.				+	90,182
138.	*Lithophaga lithophaga* (Linnaeus, 1758)	AM	IL	C	+	35,49,87,90,167,181
	Commercially important, but its harvesting is forbidden by law.					
139.	*Modiolus barbatus* (Linnaeus, 1758)	AM	IL		+	87,90,181
140.	*Modiolus adriaticus* (Lamarck, 1819)	BM	IL		+	31,87,90,181
	PINNIDAE					
141.	*Pinna nobilis* Linnaeus, 1758	MM	IL	C	+	87,90,181,182
	Species protected by law.					
	P t e r i o i d a					
	PTERIIDAE					
142.	*Pteria hirundo* (Linnaeus, 1758)	AM	CL	O	+	87,90,167
	PECTINIDAE					
143.	*Pecten jacobeus* (Linnaeus, 1758)	MM	CL	C	+	49,87,90,181,182
	Commercially important, but not harvested in the area.					
144.	*Aequipecten opercularis* (Linnaeus, 1758)	BM	IC	O	+	47,49,87,90,181,182
145.	*Lissopecten hyalinus* (Poli, 1795)	MM	CL		+	31,90
146.	*Chlamys flexuosa* (Poli, 1795)	AM	CL		+	90
147.	*Chlamys glabra* (Linnaeus, 1758)	AM	IL			48,90
148.	*Chlamys multistriata* (Poli, 1795)	BM	IC	C	+	90,181
149.	*Chlamys pesfelis* (Linnaeus, 1758)	AM	IC	O	+	90
150.	*Chlamys varia* (Linnaeus, 1758)	AM	IC	C	+	87,90,181
	Chlamys sp.		IL		+	31,90
	SPONDYLIDAE					
151.	*Spondylus gaederopus* Linnaeus, 1758	AM	IL	C	+	87,90,167,181
	Consumed occasionally by local people.					
	ANOMIIDAE					
152.	*Anomia ephippium* Linnaeus, 1758	AM	IL	C	+	45,47,87,90,181,182
153.	*Pododesmus patelliformis* (Linnaeus, 1761)	AM	IC	C	+	31,45,47,87,90,182
	Anomia sp. (juv.)		IL		+	90
	LIMIDAE					
154.	*Lima exilis* S. V. Wood, 1839	AM	IL	O	+	18,87,90,181
155.	*Lima hians* (Gmelin, 1791)	BO	CL		+	87,90
156.	*Lima lima* (Linnaeus, 1758)	AM	IL	C	+	87,90,167,181
	Lima sp.		IL		+	90,181
	O s t r e o i d a					
	OSTREIDAE					
157.	*Ostrea edulis* Linnaeus, 1758	BM	IL	C	+	90,181,182
158.	*Crassostrea gigas* (Thunberg, 1793)	CP	ML	R	+	90
	Recently introduced in the Adriatic Sea.					
159.	*Ostreola stentina* (Payraudeau, 1826)	AM	IL		+	90
	H e t e r o d o n t a					
	V e n e r o i d a					
	LUCINIDAE					
160.	*Ctena decussata* (O. G. Costa, 1829)	AM	IL		+	90
161.	*Loripes lacteus* (Linnaeus, 1758)	BM	CL		+	31,87,90
162.	*Lucinella divaricata* (Linnaeus, 1758)	AM	CL		+	87,90,181

1	2	3	4	5	6	7
	163. *Anodontia fragilis* (Philippi, 1836)	AM	CL		+	87,90
	164. *Myrtea spinifera* (Montagu, 1803)	AM	CL	C	+	87,90,181,182
	THYASIRIDAE					
	165. *Thyasira flexuosa* (Montagu, 1803)	AA	IC	C	+	87,90,160
	CHAMIDAE					
	166. *Chama gryphoides* Linnaeus, 1758	AM	CL	C	+	87,90,181
	167. *Pseudochama gryphina* (Lamarck, 1819)	AM	IF		+	87,90,181
	GALEOMMATIDAE					
	168. *Galeomma turtoni* Turton, 1825	AM	IF		+	18,35,90,127
	KELLIDAE					
	169. *Kellia suborbicularis* (Montagu, 1803)	WW	IF		+	90
	LASAEIDAE					
	170. *Lasaea rubra* (Montagu, 1803)	WW	ML		+	90
	MONTACUTIDAE					
	171. *Montacuta substriata* (Montagu, 1808)	BM	IC		+	90
	CARDITIDAE					
	172. *Cardita calyculata* (Linnaeus, 1758)	AM	CL		+	87,90,181
	CARDIIDAE					
	173. *Acanthocardia aculeata* (Linnaeus, 1758)	AM	IL	R	+	90
	174. *Acanthocardia echinata* (Linnaeus, 1758)	BM	CL		+	18,49,87,90,181
	175. *Acanthocardia paucicostata* G. B. Sowerby II, 1841	BM	CL		+	31,87,90,127,182
	176. *Acanthocardia spinosa* (Solander, 1786)	AM	IL		+	90
	177. *Acanthocardia tuberculata* (Linnaeus, 1758) Consumed occasionally, rarely marketed in the area.	BM	CL	C	+	31,87,90,181
	178. *Parvicardium exiguum* (Gmelin, 1791)	BM	CL	O	+	31,90
	179. *Parvicardium ovale* (G. B. Sowerby, 1840)	BM	CL		+	45,47,87,90,181
	180. *Plagiocardium papillosum* (Poli, 1795)	AM	CL	C	+	31,87,90,181
	181. *Laevicardium crassum* (Gmelin, 1791)	AM	IL		+	90
	182. *Laevicardium oblongum* (Gmelin, 1791)	MM	CL	C	+	18,35,49,87,90,127, 181,182
	183. *Cerastoderma glaucum* (Poiret, 1789)	BM	IL		+	90
	MACTRIDAE					
	184. *Spisula subtruncata* (Da Costa, 1778)	BM	IL		+	31,87,90
	PHARELLIDAE					
	185. *Ensis ensis* (Linnaeus, 1758)	BM	IL		+	90
	186. *Phaxas adriaticus* (Coen, 1933)	AD	IL		+	87,90,167
	TELLINIDAE					
	187. *Tellina balaustina* Linnaeus, 1758	AM	CL		+	31,87,90,181
	188. *Tellina incarnata* Linnaeus, 1758	AM	IL		+	90
	189. *Tellina pulchella* Lamarck, 1818	MM	IL		+	87,90,181
	190. *Tellina serrata* Brocchi, 1814	AM	CL		+	87,90,182
	191. *Tellina tenuis* Da Costa, 1778	AM	IL		+	90
	192. *Gastrana fragilis* (Linnaeus, 1758)	AM	ML	O	+	90
	PSAMMOBIIDAE					
	193. *Psammobia costulata* Turton, 1822	AM	CL		+	87,90
	194. *Psammobia depressa* (Pennant, 1777)	AM	IL		+	90
	195. *Psammobia fervensis* (Gmelin, 1791)	AM	CL		+	90

1	2	3	4	5	6	7
	SCROBICULARIIDAE					
	196. *Scrobicularia plana* (Da Costa, 1778)	BM	IL		+	90
	SEMELIDAE					
	197. *Abra alba* (W. Wood, 1802)	BM	IC	O	+	90,182
	198. *Abra tenuis* (Montagu, 1803)	BM	IL		+	90
	SOLECURTIDAE					
	199. *Solecurtus strigillatus* (Linnaeus, 1758)	AM	IL	O	+	1,18,90,127
	200. *Azorinus chamasolen* (Da Costa, 1778)	AM	IC		+	87,90,167,181
	TRAPEZIIDAE					
	201. *Coralliophaga lithophagella* (Lamarck, 1819)	AM	IL		+	90
	VENERIDAE					
	202. *Venus casina* Linnaeus, 1758	BM	IL	C	+	90
	203. *Venus verrucosa* Linnaeus, 1758	AM	IL		+	31,87,90,182
	204. *Chamelea gallina* (Linnaeus, 1758)	BM	IL		+	31,87,90,181
	205. *Clausinella fasciata* (Da Costa, 1778)	BM	IL		+	31,87,90,181
	Also noted by a synonym *C. brongniarti* (Payraudeau, 1826).					
	206. *Timoclea ovata* (Pennant, 1777)	BM	CL	O	+	87,90,167,181
	207. *Gouldia minima* (Montagu, 1803)	AM	IC	C	+	31,87,90,181
	208. *Dosinia exoleta* (Linnaeus, 1758)	BM	IL		+	90
	209. *Dosinia lupinus* (Linnaeus, 1758)	BM	IL		+	31,90
	210. *Pitar rudis* (Poli, 1795)	AM	IL	C	+	31,45,87,90,181,182
	211. *Callista chione* (Linnaeus, 1758)	BM	IL	C	+	1,87,90
	212. *Tapes decussatus* (Linnaeus, 1758)	AM	IL	C	+	48,90
	213. *Irus irus* (Linnaeus, 1758)	AM	IL		+	90,181
	214. *Venerupis senegalensis* (Gmelin, 1791)	AM	IC		+	90,160,167
	215. *Paphia aurea* (Gmelin, 1791)	BM	IL		+	90
	PETRICOLIDAE					
	216. *Petricola lithophaga* (Retzius, 1786)	BM	IL	O	+	87,90,181
	217. *Mysia undata* (Pennant, 1777)	BM	IL		+	87,90
	M y o i d a					
	CORBULIDAE					
	218. *Corbula gibba* (Olivi, 1792)	BM	IC	C	+	31,87,90,181,182
	GASTROCHAENIDAE					
	219. *Gastrochaena dubia* (Pennant, 1777)	AM	IL	A	+	31,49,87,90,167,181, 182
	HIATELLIDAE					
	220. *Hiatella arctica* (Linnaeus, 1767)	CP	IC	A	+	45,47,49,87,90,181, 182
	221. *Hiatella rugosa* (Linnaeus, 1767)	BM	IL		+	90,181
	TEREDINIDAE					
	Teredo sp.		IL	O	+	87,90
	ANOMALODESMATA					
	P h o l a d o m y o i d a					
	THRACIIDAE					
	222. *Thracia corbuloides* Deshayes, 1830	MM	IL		+	87,90
	223. *Thracia distorta* (Montagu, 1803)	BM	IL		+	90

1	2	3	4	5	6	7
	224. *Thracia papyracea* (Poli, 1791)	AM	CL		+	87,90,160
	LYONSIIDAE					
	226. *Lyonsia norwegica* (Gmelin, 1791)	BM	IC		+	87,90
	CUSPIDARIIDAE					
	227. *Cuspidaria cuspidata* (Olivi, 1792)	BM	IL	R	+	90,181

CEPHALOPODA

S e p i o i d e a

	SEPIIDAE					
	228. *Sepia elegans* Blainville, 1827	AM	CL	R	+	22
	229. *Sepia officinalis* Linnaeus, 1758	BM	IL	C	+	27,86,181
	Commercially important, and marketed in the area.					
	SEPIOLIDAE					
	230. *Sepiola rondeleti* Leach, 1817	AM	IC	C	+	22,27
	231. *Sepietta oweniana* (d' Orbignyi, 1840)	BM	CL			112

T e u t h o i d e a

	LOLIGINIDAE					
	232. *Alloteuthis media* (Linnaeus, 1758)	BM	PE	C	+	22,86,88
	Commercially important, and marketed in the area.					
	233. *Loligo vulgaris* Lamarck, 1798	BM	PE	A	+	22,27,86,88,181
	OMMASTREPHIDAE					
	234. *Illex coindetii* (Vérany, 1839)	AA	PE	C	+	86,89
	235. *Ommastrephes bartrami* (Lesueur, 1821)	WW	PE	R	+	86
	236. ? *Ommastrephes sagittatus* Lamarck, 1798					55
	Doubtful identification, voucher specimens needed.					

O c t o p o d a

	OCTOPODIDAE					
	237. *Octopus vulgaris* Cuvier, 1797	BM	IL	C	+	1,22,27,49,86,88,167, 181
	Commercially important, and marketed in the area.					
	238. *Eledone moschata* (Lamarck, 1798)	AM	CL	C	+	22,86,88
	OCYTHOIDAE					
	239. *Ocythoe tuberculata* Rafinesque, 1814	WW	PE	R	+	86,88

S I P U N C U L A

	ASPIDOSIPHONIDAE					
1.	*Aspidosiphon elegans* (Chamisso & Eysenhardt, 1821)	IA	IL	R	+	178
2.	*Aspidosiphon muelleri kovalevskii* Murina, 1964	CP	IC	A	+	101,102,160,161,167, 168,171,173,178,181, 182
	PHASCOLOSOMATIDAE					
3.	*Phascolosoma granulatum* Leuckart, 1828	CT	IL	A	+	35,49,102,127,167, 168,171,178,181

1	2	3	4	5	6	7
	SIPUNCULIDAE					
4.	*Sipunculus nudus* Linnaeus, 1766	CT	IL	C	+	102,178,181
	GOLFINGIIDAE					
5.	*Golfingia elongata* (Keferstein, 1863)	CP	CL	R	+	102,178
6.	*Golfingia vulgaris* (Blainville, 1827)	CP	CL	C	+	102,160,161,171,178, 181
7.	*Phascolion strombi* (Montagu, 1804)	CP	CL	C	+	102,160,161,178,181

E C H I U R A

	BONELLIIDAE					
1.	*Bonellia viridis* Rolando, 1821	CP	IL	C	+	17,35,49,127,167, 175,178,181

A N N E L I D A

POLYCHAETA

	APHRODITIDAE					
1.	*Aphrodita aculeata* Linnaeus, 1761	BM	IC	C	+	22,166,181
2.	*Hermonia hystrix* (Savignyi, 1820)	AM	CL	C	+	4,166,181
	POLYNOIDAE					
3.	*Acholoe squamosa* (Delle Chiaje, 1841) Comensal of *Astropecten aranciacus*.	AA	IL	R	+	166,170
4.	*Harmothoe areolata* (Grube, 1860)	BM	CL	R	+	166,181
5.	*Harmothoe imbricata* (Linnaeus, 1767)	IP	1C	O	+	166
6.	*Harmothoe lunulata* (Delle Chiaje, 1841)	BM	CL	R	+	4,166
7.	*Lagisca extenuata* (Grube, 1840)	AM	CL	C	+	166,181
8.	*Lepidonotus clava* (Montagu, 1808)	IP	CL	C	+	166,181
9.	*Lepidonotus squamatus* Linnaeus, 1761	IP	IL	C		166
10.	*Subadyte pellucida* (Ehlers, 1864)	AM	IL	R	+	166
	POLYODONTIDAE					
11.	*Panthalis oerstedi* Kinberg, 1885	AM	IC	R	+	166
	SIGALIONIDAE					
12.	*Leanira hystricis* Ehlers, 1875	AM	CL	C	+	166,182
13.	*Leanira tetragona* (Oersted, 1845)	AM	CL	O		166
14.	*Leanira yhleni* Malmgren, 1867	AM	CL	C	+	3,4,160,161,166,167, 173,181,182
15.	*Sthenelais boa* (Johnston, 1865)	BM	CL	C	+	4,166,181
16.	*Sthenelais ctenolepis* Claparède, 1868	MM	IL	R	+	4,166
	PAREULEPIDAE					
17.	*Pareulepis geayi* (Fauvel, 1918)	IP	CL	O	+	3,102,160,167
	CHRYSOPETALIDAE					
18.	*Chrysopetalum debile* (Grube, 1855)	AM	CL	R	+	181

1	2	3	4	5	6	7
	EUPHROSINIDAE					
19.	*Euphrosine foliosa* Audouin & Milne-Edwards, 1833	WW	IC	O		166
	PHYLLODOCIDAE					
20.	*Eteone lactea* Claparède, 1868	AM	IL	R	+	166
21.	*Eteone longa* Fabricius, 1780	BM	CL	R	+	4,166
22.	*Mysta siphonodonta* (Delle Chiaje, 1822)	AM	IL	R	+	167
23.	*Notophyllum foliosum* (M. Sars, 1835)	BM	CL	R	+	4,166,181
24.	*Phyllodoce albovittata* Grube, 1860	MM	IL	R		166
25.	*Phyllodoce laminosa* Savignyi, 1818	WW	IC	R		166
26.	*Phyllodoce maculata* (Linnaeus, 1767)	BM	IL	O		166
27.	*Phyllodoce vittata* Ehlers, 1864 A problematic species not described exactly.	MM	CL	O		166
28.	*Sige macroceros* (Grube, 1860)	AA	IC	R		166
	HESIONIDAE					
29.	*Gyptis rosea* Malmgren, 1874	BM	CL	R	+	4,166
30.	*Hesione splendida* Savignyi, 1818	AM	CL	R	+	181
31.	*Kefersteinia cirrata* (Keferstein, 1862)	WW	IC	R		166
32.	*Ophiodromus flexuosus* (Delle Chiaje, 1825)	BM	IL	O	+	4,166,181
33.	*Periboea longocirrata* Ehlers, 1864 *Locus typicus* noted is Rijeka Bay, but the exact site of collection was not specified.	AM	IL	O		166
	SYLLIDAE					
34.	*Branchiosyllis exilis* Gravier, 1900	MM	CL	O	+	181
35.	*Ehlersia cornuta* (Rathke, 1843)	IP	CL	C	+	4,160,161,166,181
36.	*Haplosyllis spongicola* (Grube, 1855)	WW	IC	R		166
37.	*Odontosyllis ctenostoma* Claparède, 1868	AA	IL	O		166
38.	*Syllis gracilis* Grube, 1840	WW	IL	A		166
39.	*Typosyllis armillaris* (O. F. Müller, 1771)	AA	IL	O	+	181
40.	*Typosyllis prolifera* (Krohn, 1852) Noted also by a synonym *Syllis fiumensis.* The type specimens were collected in Rijeka Bay.	AA	IL	R	+	166,181
41.	*Typosyllis variegata* Grube, 1860	AA	CL	R		166
42.	*Typosyllis vittata* (Grube, 1840)	WW	IL	R		166
	NEREIDAE					
43.	*Ceratonereis costae* (Grube, 1860)	IP	IL	C	+	166,181
44.	*Eunereis longissima* (Johnston, 1840)	AM	IC	R	+	166
45.	*Laeonereis glauca* (Claparède, 1870)	AM	CL	R	+	4
46.	*Neanthes diversicolor* (O. F. Müller, 1771)	WW	IL	C		166
47.	*Nereis cf. lamellosa* Ehlers, 1868	AM	CL	R	+	181
48.	*Nereis persica* Fauvel, 1911	MM	IL	O		166
49.	*Nereis rava* Ehlers, 1868	AM	IL	R	+	4,166,181
50.	*Nereis zonata* Malmgren, 1867	BM	CL	R	+	166,181
51.	*Perinereis cultrifera* (Grube, 1840)	BM	IL	C		166
52.	*Platynereis dumerili* Audouin & Milne-Edwards, 1833	AA	IC	R	+	166,181
	NEPHTYIDAE					
53.	*Aglaophamus rubella* (Michaelsen, 1897)	AM	CL	O	+	166
54.	*Nephtys hombergi* Savignyi, 1888	BM	IL	R	+	4
55.	*Nephtys hystricis* Mc Intosh, 1900	BM	IC	C	+	3,4,160,161,166,167, 173,181,182

1	2	3	4	5	6	7
56.	*Nephtys incisa* Malmgren, 1865	BM	CL	R	+	4,167,181
	GLYCERIDAE					
57.	*Glycera alba* (O. F. Müller, 1788)	BM	IL	R	+	166,182
58.	*Glycera capitata* Oersted, 1843	BM	IC	R		166
59.	*Glycera convoluta* Keferstein, 1862	AM	IL	R	+	166,181
60.	*Glycera gigantea* Quatrefages, 1865	AM	IL	R	+	3,166,173
61.	*Glycera rouxi* Audouin & Milne-Edw., 1833	AM	IL	C	+	3,4,160,161,167,173, 181
62.	*Glycera unicornis* Savignyi, 1818	AM	CL	O	+	4,166,181
	GONIADIDAE					
63.	*Goniada norvegica* Oersted, 1844	AM	CL	R	+	4,160,161,181
	ONUPHIDAE					
64.	*Hyalinoecia bilineata* Baird, 1870	AM	CL	O	+	4,166
65.	*Hyalinoecia brementi* Fauvel, 1916	MM	CL	C	+	4,166
66.	*Hyalinoecia fauveli* Rioja, 1918	AM	CL	R	+	4,166
67.	*Hyalinoecia tubicola* (O. F. Müller, 1788)	WW	IC	R	+	4
68.	*Nothria lepta* Chamberlin, 1919	AA	IC	C	+	3,4,166,167,173,181, 182
	EUNICIDAE					
69.	*Eunice aphroditois* (Pallas, 1788)	WW	IC	R	+	137
70.	*Eunice harassi* Aud. & M.-Edw., 1833	AM	CL	R	+	31,137
71.	*Eunice oerstedi* Stimpson, 1854	AM	IL	O		137
72.	*Eunice pennata* (O. F. Müller, 1776)	AM	IL	O	+	30
73.	*Eunice torquata* Quatrefages, 1865	AM	CL	R	+	137
74.	*Eunice vittata* (Delle Chiaje, 1828)	CP	CL	C	+	3,4,166,167,173,181, 182
75.	*Lysidice ninetta* Aud. & M.-Edw., 1833	IP	IL	R	+	166,181
76.	*Marphysa bellii* (Aud. & M.-Edw., 1833)	AM	CL	A	+	3,4,160,161,166,167
77.	*Marphysa kinbergi* Mc Intosh, 1910	AA	CL	C	+	3,4,160,161,166,167, 173,181
78.	*Marphysa sanguinea* (Montagu, 1815)	IP	IL	R	+	4,166
79.	*Nematonereis unicornis* (Grube, 1840)	AM	IL	R	+	4,166
80.	*Palola siciliensis* (Grube, 1840)	WW	IL	R	+	166
	LUMBRINERIDAE					
81.	*Lumbrineris fragilis* (O. F. Müller, 1776)	AM	IC	C	+	4,166,167,181
82.	*Lumbrineris funchalensis* (Kinberg, 1865)	AM	IC	R		166
83.	*Lumbrineris gracilis* (Ehlers, 1868)	AM	IL	R	+	4,166
84.	*Lumbrineris impatiens* (Claparède, 1868)	AM	IC	C	+	4,106,160,161,166, 167,173,182
85.	*Lumbrineris latreilli* (Audonin & Milne-Edwards, 1834)	AM	IC	R	+	4,166,181
86.	*Lumbrineris rovignensis* (Fauvel, 1940)	AD	CL	R	+	4,160,161,166,181
87.	*Ninoe armoricana* Glémarec, 1968	MM	CL	R	+	4,166,181,182
88.	*Ninoe kinbergi* Ehlers, 1887	AA	CL	R		166
	ARABELLIDAE					
89.	*Arabella coeca* Fauvel, 1940	AD	CL	R		181
90.	*Arabella iricolor* (Montagu, 1804)	IP	IC	R	+	166,181
91.	*Drilonereis filum* (Claparède, 1863)	AA	CL	R	+	4,166,181
	DORVILLEIDAE					
92.	*Dorvillea rubrovittata* (Grube, 1855)	AM	CL	O	+	181

1	2	3	4	5	6	7
	93. *Dorvillea rudolphi* (Delle Chiaje, 1828)	AM	IL	O	+	3
	ORBINIIDAE					
	94. *Aricia cuvieri* Aud. & M.-Edw., 1833	BM	CL	R	+	166,181
	95. *Naineris laevigata* (Grube, 1855)	AA	IL	O		166
	PARAONIDAE					
	96. *Aricidea fragilis* Laubier & Ramos, 1974	MM	IF	R		160,161,166
	97. *Aricidea mutabilis* Laubier & Ramos, 1974	MM	IC	R	+	4,166
	SPIONIDAE					
	Polydora sp.		IL	O	+	4
	98. *Spiophanes bombyx* (Claparède, 1870)	BM	IL	O	+	167
	CHAETOPTERIDAE					
	99. *Chaetopterus variopedatus* (Reiner, 1804)	CP	CL	C	+	166,167
	CIRRATULIDAE					
	100. *Acrocirrus frontifilis* (Grube, 1860)	MM	IL	O		166
	100. *Chaetozone setosa* Malmgren, 1867	BM	CL	C	+	160,161,166,181
	101. *Cirriformia filigera* (Delle Chiaje, 1828)	AA	IL	O		166
	103. *Cirriformia tentaculata* (Montagu, 1865)	BM	IL	R	+	4,166
	104. *Dodecaceria concharum* Oersted, 1843	BM	IL	R	+	4,166,182
	105. *Tharyx marioni* (Saint-Joseph, 1894)	AM	IC	C	+	3,4,166,173,181
	FLABELLIGERIDAE					
	106. *Brada villosa* (Rathke, 1843)	CP	IC	R		166
	107. *Diplocirrus hirsutus* (Hansen, 1879)	BO	CL	O	+	4,166
	108. *Pherusa monilifera* (Delle Chiaje, 1841)	AM	IL	R	+	4,166
	109. *Piromis eruca* (Claparède, 1870)	AA	IL	R	+	4,166,181
	SCALIBREGMIDAE					
	110. *Eumenia crassa* Laubier, 1959	AM	CL	O		166
	111. *Scalibregma inflatum* Rathke, 1843	CP	CL	A	+	166,167,181
	OPHELIIDAE					
	112. *Ophelina aulogaster* (Rathke, 1843)	BM	CL	R		166
	113. *Polyophthalmus pictus* (Dujardin, 1839)	IP	IL	R	+	166,181
	STERNASPIDAE					
	114. *Sternaspis scutata* (Renier, 1807)	CP	CL	A	+	3,4,160,161,166,167, 173,181
	CAPITELLIDAE					
	115. *Dasybranchus caducus* (Grube, 1846)	WW	IC	R		166
	116. *Notomastus latericeus* Sars, 1851	AM	CL	A	+	3,4,160,161,166,167, 173
	ARENICOLIDAE					
	117. *Arenicola branchialis* Aud. & M.-Edw., 1834	AM	IL	O		166
	118. *Branchiomaldane vincenti* Langerhans, 1881	AM	IL	O	+	181
	MALDANIDAE					
	119. *Asychis gotoi* Izuka, 1902	IP	CL	R	+	4,166,181,182
	120. *Clymenura clypeata* (Saint-Joseph, 1894)	BM	IC	R		166
	121. *Euclymene lumbricoides* (Quatr., 1865)	BM	CL		+	4,166,181
	122. *Euclymene palermitana* (Grube, 1840)	MM	IL	R	+	4,160,161,166
	123. *Euclymene santanderensis* (Rioja, 1917)	AM	CL	O	+	166
	124. *Maldane glebifex* Grube, 1860	AM	CL	C	+	4,166,181,182
	125. *Paraxillella gracilis* (Sars, 1861)	BM	CL	R		41,42,137

1	2	3	4	5	6	7
	126. *Petaloproctus terricola* Quatr., 1865	AM	IL	R	+	4,166
	OWENIIDAE					
	127. *Myriochele heeri* Malmgren, 1867	AA	IL	R	+	4,166,181
	128. *Owenia fusiformis* Delle Chiaje, 1841	CP	IL	A	+	4,166,167,181
	PECTINARIIDAE					
	129. *Amphictene auricoma* (O. F. Müller, 1776)	BO	CL	C	+	4,166,181
	130. *Lagis koreni* Malmgren, 1866	BM	IL	C	+	4,166,181
	131. *Pectinaria belgica* (Pallas, 1766)	BO	CL	R	+	166
	AMPHARETIDAE					
	132. *Ampharete acutifrons* (Grube, 1860)	BM	CL	R	+	4,166,167,182
	133. *Amphicteis gunneri* (Sars, 1835)	CP	IC	C	+	160,161,166,167
	134. *Melinna palmata* Grube, 1869	AM	CL	C	+	4,166,181,182
	135. *Sabellides octocirrata* (Sars, 1835)	BM	CL	R	+	4,166
	136. *Sosane sulcata* Malmgren, 1866	BO	CL	O	+	181
	TEREBELLIDAE					
	137. *Amphitrite edwardsi* Quatrefages, 1848	AM	IL	R	+	166,182
	138. *Amphitrite rubra* (Risso, 1826)	WW	IL	O		166
	139. *Amphitrite variabilis* (Risso, 1826)	MM	IC	R		166
	140. *Amphitritides gracilis* (Grube, 1860	AA	IL	R		166
	141. *Eupolymnia nebulosa* (Montagu, 1818)	CP	CL	C	+	166,167,181
	142. *Lanice conchilega* (Pallas, 1766)	BM	IL	R	+	49
	143. *Pista cristata* (O. F. Müller, 1776)	CP	IL	C	+	4,160,161,166,182
	144. *Polycirrus aurantiacus* Grube, 1860	AA	IL	R		166
	145. *Terebella lapidaria* Linnaeus, 1767	AM	IL	R		166
	146. *Thelepus cincinnatus* (Fabricius, 1780)	WW	IC	O		166
	147. *Thelepus* cf. *setosus* (Quatr., 1894)	CP	CL	O	+	181
	148. *Thelepus triserialis* (Grube, 1855)	MM	IL	O		166
	TRICHOBRANCHIDAE					
	149. *Terebellides stroemi* Sars, 1835	CP	IC	A	+	3,4,160,161,166,167, 173,181,182
	SABELLIDAE					
	150. *Bispira mariae* Lo Bianco, 1893	MM	IL	R	+	166,181
	151. *Branchiomma lucullanum* (D. Chiaje, 1828)	AM	IC	R		166
	152. *Chone duneri* Malmgren, 1867	BM	IL	R	+	4,166
	153. *Demonax brachychoma* Claparède, 1870	CP	CL	R	+	4,166
	154. *Jasmineira candela* Grube, 1894	MM	CL	R	+	4,166,181
	155. *Myxicola infundibulum* Montagu, 1815	BO	IL	C	+	4,166
	156. *Pseudopotamilla reniformis* Brug., 1789	BO	CL	R	+	4,166
	157. *Sabella pavonina* (Savignyi, 1829)	BM	CL	C	+	49,166,182
	158. *Sabella spallanzanii* (Gmelin, 1791)	AM	IL	C	+	49,166,167,181
	SERPULIDAE					
	159. *Ditrupa arietina* (O. F. Müller, 1776)	CP	CL	C	+	4,166,181
	160. *Filograna sp.* sensu Bianchi, 1981	BM	IL	C	+	45,49,166,181,182
	161. *Hydroides norvegica* Gunnerus, 1768	BM	IL	A	+	4,166
	162. *Hydroides pseudouncinata* Zibrowius, 1971	AM	IL	R	+	166,181
	163. *Pomatoceros triqueter* (Linnaeus, 1767)	CP	IL	C	+	4,10,44,47,49,166, 167,181,182
	164. *Protula intestinum* Savignyi, 1818	MM	IL	O	+	166
	165. *Protula tubularia* (Montagu, 1803)	AM	IL	C	+	166,167,181,182
	166. *Serpula concharum* Langerhans, 1880	AM	IC	O	+	181

1	2	3	4	5	6	7
	167. *Serpula vermicularis* Linnaeus, 1767	CP	IC	C	+	4,22,166,181
	168. *Vermiliopsis infundibulum* Philippi, 1844	AM	CL	C	+	4,166
	169. *Vermiliopsis labiata* (O. G. Costa, 1861)	MM	CL	R	+	4,166
	SPIRORBIDAE					
	170. *Janua pagenstecheri* (Quatrefages, 1865)	CP	IC	C	+	47,166
	Spirorbidae indet.			A	+	44,45,167,181,182

CLITELLATA

H i r u d i n e a

	PISCICOLIDAE					
	171. *Pontobdella muricata* (Linnaeus, 1758)	BM	PA	R		22

A R T H R O P O D A

CRUSTACEA

PHYLLOPODA

C l a d o c e r a

	SIDIDAE					
1.	*Penilia avirostris* Dana, 1849	IP	PL		+	15,83,167
	PODONIDAE					
2.	*Evadne spinifera* P. E. Müller, 1868	WW	PL		+	24,131
3.	*Evadne tergestina* Claus, 1862	AM	PL		+	24,131
4.	*Podon intermedius* Lilljeborg, 1901	BM	PL		+	24
5.	*Podon polyphemoides* Leuckart, 1859	AM	PL			24

OSTRACODA

P o d o c o p i d a

	CYTHERIDAE					
6.	*Callistocythere adriatica* Masoli, 1968	AA	CL		+	
7.	*Carinocythereis antiquata* (Baird, 1850)	BM	CL		+	
8.	*Costa edwardsi* (Roemer, 1838)	AM	CL		+	
9.	*Hiltermannicythere turbida* (G. W. Müller, 1894)	MM	CL		+	
10.	*Cytheridea neapolitana* Kollmann, 1960	MM	CK		+	

No species quoted (Nos. 6-10) were noted previously in the area. Collected at station K-V. (45°09'N, 14°26'E), 63 m, on 04.10.1970., det.: K. Schulz.

COPEPODA

C a l a n o i d a

	CALANIDAE					
11.	*Calanus helgolandicus* (Claus, 1863)	CP	PL	C	+	15,43,167
12.	*Mesocalanus tenuicornis* (Dana, 1849)	CP	PL	R	+	15,43,167
13.	*Nannocalanus minor* (Claus, 1863)	CP	PL	R	+	43,167

1	2	3	4	5	6	7
	PARACALANIDAE					
14.	*Calocalanus contractus* Farran, 1926	AM	PL	C	+	15,43,167
15.	*Calocalanus pavo* (Dana, 1849)	CP	PL	C	+	43,167
16.	*Calocalanus plumulosus* (Claus, 1863)	CP	PL	C	+	43,167
17.	*Calocalanus styliremis* Giesbrecht, 1888	CP	PL	O	+	43,167
18.	*Paracalanus denudatus* Sewell, 1929		PL	O	+	43,167
19.	*Paracalanus nanus* G. O. Sars, 1907	AM	PL	O	+	42,167
20.	*Paracalanus parvus* (Claus, 1863)	CP	PL	A	+	15,37,43,167
	MECYNOCERIDAE					
21.	*Mecynocera clausi* I. C. Thompson, 1888	CP	PL	O	+	43,167
	CLAUSOCALANIDAE					
22.	*Clausocalanus arcuicornis* (Dana, 1849)	CP	PL	C	+	15,43,167
23.	*Clausocalanus furcatus* (Brady, 1883)	CP	PL	C	+	15,43,167
24.	*Clausocalanus jobei* Frost & Flem., 1968	WW	PL	C	+	15,43,167
25.	*Clausocalanus paululus* Farran, 1926	WW	PL	R	+	167
26.	*Clausocalanus pergens* Farran, 1926	WW	PL	O	+	15,43,167
27.	*Ctenocalanus vanus* Giesbrecht, 1888	CP	PL	A	+	15,43,167
28.	*Pseudocalanus elongatus* (Boeck, 1865)	BM	PL	C	+	15,43,167
	EUCHAETIDAE					
29.	*Euchaeta hebes* Giesbrecht, 1888	AM	PL	R	+	15,43,167
	DIAIXIDAE					
30.	*Diaixis pygmoea* (T. Scott, 1899)	BO	PL	O	+	15,43,167
	CENTROPAGIDAE					
31.	*Centropages kröyeri* Giesbrecht, 1892	AM	PL	R	+	15,167
32.	*Centropages typicus* Kröyer, 1849	BM	PL	A	+	15,37,43,167
33.	*Isias clavipes* Boeck, 1865	BM	PL	O	+	15,43,167
	TEMORIDAE					
34.	*Temora longicornis* (Müller, 1792)	AM	PL	A	+	15,43,167
35.	*Temora stylifera* (Dana, 1849)	AM	PL	O	+	15,37,43,167
	METRIDIIDAE					
36.	*Pleuromamma gracilis* (Claus, 1863)	CP	PL		+	15,167
	LUCICUTIIDAE					
37.	*Lucicutia flavicornis* (Claus, 1863)	CP	PL		+	15,167
	CANDACIIDAE					
38.	*Candacia armata* (Boeck, 1873)	CP	PL	O	+	15,43,167
	PONTELLIDAE					
39.	*Anomalocera patersoni* Templeton, 1837	CP	PL		+	167
40.	*Labidocera wollastoni* (Lubbock, 1857)	BM	PL		+	43
41.	*Pontella mediterranea* (Claus, 1863)	MM	PL		+	167
	ACARTIIDAE					
42.	*Acartia clausi* Giesbrecht, 1889	WW	PL	A	+	15,37,43,167
	H a r p a c t i c o i d a					
	LONGIPEDIIDAE					
43.	*Longipedia minor* Thompson & A. Scott, 1893	WW	CL		+	
	Not noted previously in the area. Collected at station K-V. (45°09'N, 14°26'E), 63 m, on 04.10.1970., det.: T. Petkovski.					

1	2	3	4	5	6	7
	CERVINIIDAE					
44.	*Cerviniopsis* cf. *langi* Soyer, 1970	MM	CL		+	
	Not noted previously in the area. Collected at station K-V. (45°09'N, 14°26'E), 63 m, on 04.10.1970., det.: T. Petkovski.					
	ECTINOSOMIDAE					
45.	*Microsetella norvegica* (Boeck, 1865)	CP	PL		+	43
46.	*Microsetella rosea* (Dana, 1847)	CP	PL	R	+	43
47.	*Macrosetella gracilis* (Dana, 1847)	CP	PL	R	+	43
	TACHYDIIDAE					
48.	*Euterpina acutifrons* (Dana, 1847)	CP	PL	C	+	15,43
	TISBIDAE					
49.	*Zosime incrassata* Sars, 1910	BM	CL		+	
	Not noted previously in the area. Collected at station K-V. (45°09'N, 14°26'E), 63m, on 04.10.1970., det.: T. Petkovski.					
	THALESTRIDAE					
50.	*Eudactylopus latipes* (Boeck, 1864)	WW	CL		+	
	Not noted previously in the area. Collected at station K-V. (45°09'N, 14°26'E), 63m, on 04.10.1970., det.: T. Petkovski.					
	CLYTEMNESTRIDAE					
51.	*Clytemnestra rostrata* (Brady, 1833)	CP	PL	C	+	15,43,167
	C y c l o p o i d a					
	OITHONIDAE					
52.	*Oithona similis* Claus, 1866	CP	PL	C	+	15,43,167
53.	*Oithona nana* Giesbrecht, 1892	CP	PL	C	+	15,43,83,167
54.	*Oithona plumifera* Baird, 1843	CP	PL	C	+	15,43,167
55.	*Oithona setigera* (Dana, 1849)	CP	PL		+	43
	S i p h o n o s t o m a t o i d a					
	LERNAEOPODIDAE					
56.	*? Brachiella thynni* Cuvier, 1830		PA			16
	P o e c i l o s t o m a t o i d a					
	ONCAEIDAE					
57.	*Oncaea conifera* Giesbrecht, 1891	CP	PL	O	+	43
58.	*Oncaea dentipes* Giesbrecht, 1891	CP	PL	R	+	43,167
59.	*Oncaea media* Giesbrecht, 1891	CP	PL	A	+	15,43,167
60.	*Oncaea mediterranea* (Claus, 1863)	CP	PL	O	+	43,167
61.	*Oncaea subtilis* Giesbrecht, 1892	BO	PL		+	15,43
	SAPHIRINIDAE					
62.	*Sapphirina angusta* Dana, 1849	CP	PL		+	
63.	*Sapphirina nigromaculata* Claus, 1863	CP	PL	O	+	43,167
	CORYCAEIDAE					
64.	*Corycaeus brehmi* Steuer, 1910	MM	PL	C	+	15,43,167
65.	*Corycaeus clausi* F. Dahl, 1864	AM	PL	O	+	43,167
66.	*Corycaeus furcifer* Claus, 1863	CP	PL		+	15,167
67.	*Corycaeus giesbrechti* F. Dahl, 1894	AM	PL	C	+	15,43,167
68.	*Corycaeus latus* Dana, 1849	CP	PL	R	+	43
69.	*Corycaeus ovalis* Claus, 1863	CP	PL		+	167
70.	*Corycaeus typicus* (Kröyer, 1849)	CP	PL	O	+	43

1	2	3	4	5	6	7
71.	*Farranula rostrata* (Claus, 1863)	CP	PL	C	+	15,43,167
	CANCERILLIDAE					
72.	*Cancerilla tubulata* Dalyell, 1851 Ectoparasitic in *Amphipholis squamata*.	AM	PA	R	+	169
	CLAUSIIDAE					
73.	*Mytilicola intestinalis* Steuer, 1902 Endoparasitic in *Mytilus galloprovincialis*, about 50% being infested in the Rijeka harbour.	AM	PA	C	+	42
	CIRRIPEDIA					
	T h o r a c i c a					
	VERRUCIDAE					
74.	*Verruca stroemia* (O. F. Müller, 1776)	BM	IL	R		16
	CHTHAMALIDAE					
75.	*Chthamalus montagui* Southward, 1976	AM	ML	C	+	49,110,177,179
76.	*Chthamalus stellatus* (Poli, 1791)	AM	ML	A	+	16,49,107,179,167, 181,182
77.	*Euraphia depressa* (Poli, 1791)	MM	SL	A	+	49,179,181,182
	BALANIDAE					
78.	*Balanus amphitrite* Darwin, 1854	CT	IF	C	+	16,46,47,69,70,71, 179
79.	*Balanus eburneus* Gould, 1841	CP	IF	R		72,179
80.	*Balanus perforatus* Bruguière, 1789	AM	IL	A	+	45,47,167,179,181
81.	*Balanus trigonus* Darwin, 1854	CT	IL	R	+	45,47,179
	CHELONIBIIDAE					
82.	*Chelonibia testudinaria* Linnaeus, 1758	WW	EP	R		62,71,72,98,179
	R h i z o c e p h a l a					
	SACCULINIDAE					
	Sacculina sp.			O	+	181
	MALACOSTRACA					
	S t o m a t o p o d a					
	LYSIOSQUILLIDAE					
83.	*Nannosquilloides occulta* (Giesbr., 1910) Not noted previously in the area. Collected at station TER-41, 30 m, on 25.11.1976., det.: Z. Števčić.	AM	CL	R	+	
84.	*Platysquilla eusebia* (Risso, 1816)	AM	CL	R		1
	SQUILLIDAE					
85.	*Meiosquilla desmaresti* (Risso, 1816)	AM	CL	R		124,127,134
86.	*Squilla mantis* (Linnaeus, 1758) Species marketed occasionally.	AM	CL	O		123
	D e c a p o d a					
	PENAEIDAE					
87.	*Parapenaeus longirostris* (H. Lucas, 1846)	AA	CL	R		22,137
	SOLENOCERIDAE					
88.	*Solenocera membranacea* (Risso, 1816)	AM	IL	R		108,128,137

1	2	3	4	5	6	7
	SICYONIDAE					
89.	*Sicyonia carinata* (Brünnich, 1768	AM	IL	R	+	137
	ALPHEIDAE					
90.	*Athanas nitescens* (Leach, 1814)	AM	IL	C	+	137,181
91.	*Alpheus dentipes* Guérin, 1832	AM	IL	C	+	137,181
92.	*Alpheus glaber* (Olivi, 1792)	AM	CL	C	+	137,160,161
93.	*Alpheus macrocheles* (Hailstone, 1835)	AA	IL	R	+	35,108,137
	HIPPOLYTIDAE					
94.	*Hippolyte longirostris* (Czerniavsky, 1868)	AM	IL	C		108,136
95.	*Lysmata nilita* Dohrn & Holthuis, 1950	MM	IL	R		136,137
96.	*Thoralus cranchii* (Leach, 1817)	AM	IL	O	+	137,167,181
	PALAEMONIDAE					
97.	*Palaemon elegans* Rathke, 1937	AM	IL	C	+	137
98.	*Palaemon serratus* (Pennant, 1777)	AM	IL	C	+	49
	Palaemon species consumed occasionally by local people.					
99.	*Typton spongicola* Costa, 1844	AM	CL	C	+	35,108,137
	PROCESSIDAE					
100.	*Processa macrophthalma* Nouvel & Holthuis, 1957	MM	CL	R	+	136,137,181
101.	*Processa modica* Williamson & Rochan, 1979	AM	IL	R	+	136,137,181
102.	*Processa nouveli* Al-Adhub & Williamson, 1975	MM	CL	R	+	137,182
	PALINURIDAE					
103.	*Palinurus elephas* (Fabricius, 1787)	BM	IL	R	+	27,137
	SCYLLARIDAE					
104.	*Scyllarides latus* (Latreille, 1803)	AM	IL		+	
	First record in Rijeka Bay, caught by fisherman, but exact locality could not be defined accurately.					
105.	*Scyllarus arctus* (Linnaeus, 1758)	AA	CL	R	+	108
	Consumed occasionally by local people.					
	NEPHROPIDAE					
106.	*Homarus gammarus* (Linnaeus, 1758)	BM	IL	C	+	27,137,167
	Species commercially important and marketed in the area.					
107.	*Nephrops norvegicus* (Linnaeus, 1758)	BM	CL	A	+	21,22,27,35,108,167, 137
	Species commercially important and marketed in the area.					
	LAOMEDIDAE					
108.	*Jaxea nocturna* Nardo, 1847	BM	CL	C	+	135,137,160,161,167, 173
	UPOGEBIIDAE					
109.	*Upogebia deltaura* (Leach, 1815)	AM	CL	C	+	137
	CALLIANASSIDAE					
110.	*Callianassa subterranea* (Montagu, 1808)	BM	CL	C	+	135,137,160,161,173, 181
111.	*Callianassa truncata* Giard & Bonier, 1890	MM	CL	O		1
	The finding locality in Rijeka Bay was the first one for the Adriatic Sea.					
	DIOGENIDAE					
112.	*Clibanarius erythropus* (Latreille, 1818)	AM	IL	C	+	137,167

1	2	3	4	5	6	7
113.	*Paguristes eremita* (Linnaeus, 1767)	AM	CL	C	+	31,137,181,182
	PAGURIDAE					
114.	*Anapagurus bicorniger* A. M. Edwards & Bouvier, 1892	AM	IL	R	+	167
115.	*Anapagurus brevicarpus* A. M. Edwards & Bouvier, 1892	AM	IL	R	+	137,181
	The finding locality in Rijeka Bay was the first one for the Adriatic Sea.					
116.	*Anapagurus laevis* (Bell, 1845)	AM	IL	R	+	31
117.	*Cestopagurus timidus* (Roux, 1830)	AM	IL	C	+	137,181
118.	*Pagurus anachoretus* Risso, 1827	AM	IL	C	+	31,137,181
119.	*Pagurus cuanensis* Bell, 1845	AM	CL	C	+	137,181
120.	*Pagurus prideaux* Leach, 1815	AM	CL	C	+	137,181
	GALATHEIDAE					
121.	*Galathea bolivari* Zariq. Alvarez, 1950	MM	IL	R	+	136,137,167,181
122.	*Galathea cenaroi* Zariq. Alvarez, 1968	MM	IL	R	+	137,181
123.	*Galathea intermedia* Lilljeborg, 1851	IP	IL	R	+	31,137
124.	*Galathea squamifera* Leach, 1814	AM	IL	R	+	137,181
125.	*Galathea strigosa* (Linnaeus, 1761)	BM	IL	O	+	137,181
126.	*Munida rugosa* (Fabricius, 1775)	BM	CL	O	+	22,137
	PORCELLANIDAE					
127.	*Pisidia longicornis* (Linnaeus, 1767)	AM	IL	R	+	31,137,167,183
128.	*Porcellana platycheles* (Pennant, 1777)	BM	IL	C	+	35,108,137,181
	DROMIIDAE					
129.	*Dromia personata* (Linnaeus, 1758)	AM	IL	R	+	35,108,137
	ATELECYCLIDAE					
130.	*Atelecyclus rotundatus* (Olivi, 1792)	AM	CL	R	+	35,108,137
	ERIPHIIDAE					
131.	*Eriphia verrucosa* (Forskal, 1775) Consumed occasionally by local people.	AM	IL	C	+	137,181
	XANTHIDAE					
132.	*Xantho poressa* (Olivi, 1792)	AM	IL	A	+	31,108,137,181
	PILUMNIDAE					
133.	*Pilumnus hirtellus* (Linnaeus, 1861)	AM	IL	C	+	35,137,181
134.	*Pilumnus spinifer* H. Milne-Edwards, 1834	AM	IC	C	+	137,181
	PARTHENOPIDAE					
135.	*Parthenope angulifrons* Latreille, 1825	MM	IC	R	+	31,35,108,137,181
136.	*Parthenope massena* (Roux, 1830)	AM	CL	R	+	137
	PORTUNIDAE					
137.	*Carcinus aestuarii* Nardo, 1847	AM	IL	C	+	137,182
138.	*Liocarcinus arcuatus* (Leach, 1814)	BM	IL	C	+	31,137,181
139.	*Liocarcinus depurator* (Linnaeus, 1758)	BM	CL	C	+	22,35,68,137,181
140.	*Liocarcinus maculatus* (Risso, 1827)	MM	IL	R	+	137,181
	MAJIDAE					
141.	*Acanthonyx lunulatus* (Risso, 1816)	AM	IL	O	+	35,108,137
142.	*Achaeus cranchii* Leach, 1817	AM	IL	O	+	31,137,167,181
143.	*Eurynome aspera* (Pennant, 1777)	IP	IC	R	+	137,181
144.	*Inachus communissimus* Rizza, 1839	MM	IC	C	+	137,181
145.	*Inachus dorsettensis* (Pennant, 1777)	AM	IL	R	+	31,137
146.	*Inachus phalangium* (Fabricius, 1775)	AM	IL	R	+	137

1	2	3	4	5	6	7
147.	*Inachus thoracicus* Roux, 1830	AM	CL	O	+	31,35,108,137
148.	*Lissa chiragra* (Fabricius, 1775)	MM	IC	O	+	137,167
149.	*Macropodia czernjawskii* (Brandt, 1880)	MM	IL	O	+	137,167,181
150.	*Macropodia longirostris* (Fabricius, 1775)	AM	IL	R	+	31,35,108,137,181
151.	*Macropodia rostrata* (Linnaeus, 1761)	AM	CL	C	+	137
152.	*Maja crispata* Risso, 1827	AM	IL	C	+	31,35,49,108,137, 181,182
	Consumed occasionally by local people.					
153.	*Maja squinado* (Herbst, 1788)	AM	IL	R	+	27,49,137,167,181
	Species commerically important and marketed in the area.					
154.	*Pisa armata* (Latreille, 1803)	AM	IL	R	+	35,137
155.	*Pisa corallina* (Risso, 1816)	MM	IL	R	+	35,137,181
156.	*Pisa muscosa* (Linnaeus, 1758)	MM	IL	R	+	137,181
157.	*Pisa nodipes* (Leach, 1815)	AM	IL	R	+	137,181
158.	*Pisa tetraodon* (Pennant, 1777)	AM	IL	R	+	31,108,137
	DORIPPIDAE					
159.	*Ethusa mascarone* (Herbst, 1785)	AM	CL	R	+	31,137
160.	*Medorippe lanata* (Linnaeus, 1767)	IA	IC	R	+	137
	LEUCOSIIDAE					
161.	*Ebalia cranchii* (Leach, 1817)	AM	CL	R	+	137
162.	*Ebalia edwardsi* O. G. Costa, 1838	MM	IL	R	+	137,181
163.	*Ebalia granulosa* H.Milne-Edwards, 1837	BM	CL	O	+	137
164.	*Ilia nucleus* (Linnaeus, 1758)	AM	IL	O	+	31,35,108,137,181
	GRAPSIDAE					
165.	*Pachygrapsus marmoratus* (Fabricius, 1787)	AM	ML	A	+	49,137,167
	A n i s o p o d a					
	TANAIDAE					
166.	*Tanais cavolinii* H. Milne-Edwards, 1829	AA	IL		+	181
	APSEUDIDAE					
167.	*Apseudes holthuisi* Bacescu, 1962		IL	R	+	173
168.	*Apseudes talpa* (Montagu, 1808)	AM	IL	R	+	181
	The finding locality in Rijeka Bay was the first one for the Adriatic Sea.					
169.	*Apseudopsis acutifrons* (G. O. Sars, 1882)		CL	O	+	173
	I s o p o d a					
	PARASELLIDAE					
170.	*Jaera schellenbergi* Kesselyak, 1938	AD	ML			61,64,119,120,121
	Locus typicus: Medveja and Lovran (Rijeka Bay).					
	LIGIIDAE					
171.	*Ligia italica* Fabricius, 1798	AM	SU	C	+	49,167,181,182
	AEGIDAE					
172.	*Rocinela dumerili* (Lucas, 1849)	AA	IL		+	
	Not noted previously in the area. Collected at station RI-19, 20 m, on 25.11.1976., det.: R. Argano.					
	CIROLANIDAE					
173.	*Cirolana neglecta* Hansen, 1890		IL		+	
	Not noted previously in the area. Collected at stations RI-41, 30 m, on 25.11.1976., and RI-19, 32 m, on 20.05.1977., det.: R. Argano.					

1	2	3	4	5	6	7

SPHAEROMATIDAE
174. *Cymodoce spinosa* (Risso, 1816) IL +
Not noted previously in the area. Collected at station RI-21, 10 m, on 27.08.1990., det.: R. Argano.

IDOTEIDAE
Idotea sp. 160,161

A m p h i p o d a

AMPELISCIDAE
175. *Ampelisca typica* (Bate, 1856) AM IL +
Not noted previously in the area. Collected at station TER-19 (R-10), 62 m, on 27.08.1990., det.: T. Krapp-Schickel.

AMPHILOCHIDAE
176. *Amphilochus neapolitanus* Della Valle, 1893 WW IL 81

AMPHITHOIDAE
177. *Amphithoe helleri* G. Karaman, 1975 AM IL 81
178. *Amphithoe ramondi* Audouin, 1826 IA IL 81

CAPRELLIDAE
179. *Pseudoprotella phasma* (Montagu, 1804) AM IL 81

COROPHIIDAE
180. *Erichthonius argenteus* Krapp-Sch., 1994 CP IL 81

CRESSIDAE
181. *Cressa mediterranea* Ruffo, 1979 MM CL 113

DEXAMINIDAE
182. *Tritaeta gibbosa* (Bate, 1862) AM IL 81

GAMMARIDAE
183. *Echinogammarus olivii* (H.Milne-Edwards, 1839) MM IL 56,126
184. *Elasmopus pocillimanus* (Bate, 1862) WW IL 81
185. *Gammarella fucicola* (Leach, 1814) AM IL +
Not noted previously in the area. Collected at station RI-9, 7 m, on 30.09.1988., det.: T. Krapp-Schickel.
186. *Rhipidogammarus karamani* Stock, 1971 MM ME 59,60,120

PODOCERIDAE
187. *Podocerus variegatus* Leach, 1814 AM IL 81

STENOTHOIDAE
188. *Stenothoe monoculoides* (Montagu, 1815) AM IL 81

TALITRIDAE
189. *Orchestia gammarellus* Pallas, 1766 BM IL 36,57
190. *Orchestia stephenseni* Cecchini, 1928 MM IL 58
The finding locality in Rijeka Bay was the first one for the Adriatic Sea.

APTERYGOTA

C o l l e m b o l a

ISOTOMIDAE
191. *Archisotoma interstitialis* Delamare-Deboutville, 1954 CP ML 20

1	2	3	4	5	6	7
	HYPOGASTRURIDAE					
192.	*Paraxenylla affiniformis* (Stach, 1929)	CP	ML			20
	Locus typicus: Bakar.					

B R Y O Z O A

GYMNOLAEMATA

C t e n o s t o m a t i d a

Stolonifera

	MIMOSELLIDAE					
1.	*Mimosella gracilis* (Hincks, 1851)	AM	IL	R	+	181
	VESICULARIIDAE					
2.	*Amathia lendigera* (Linnaeus, 1761)	AM	CL	O	+	181
3.	*Amathia semiconvoluta* (Lamouroux, 1824)	MM	IL	O	+	181
4.	*Bowerbankia gracilis* (Leidy, 1855)	AA	IL	C	+	47
5.	*Zoobothryon verticillatum* (Delle Chiaje, 1825)	WW	IL	R	+	47

C h e i l o s t o m a t i d a

Anasca

	AETEIDAE					
6.	*Aetea anguina* (Linnaeus, 1758)	CP	IL	C	+	181
7.	*Aetea truncata* (Landsborough, 1852)		IL		+	47
	FLUSTRIDAE					
8.	*Securiflustra securifrons* (Pallas, 1766)	BO	CL	R	+	181
	BUGULIDAE					
9.	*Bugula avicularia* (Linnaeus, 1758)	CP	IL	O	+	29,181
10.	*Bugula simplex* (Hincks, 1886)	MM	IL	O	+	182
11.	*Bugula stolonifera* Ryland, 1960	AM	IL	O	+	181
	Bugula sp.		IL		+	47

Cribrimorpha

	CRIBRILINIDAE					
12.	*Puellina radiata* (Moll, 1803)	BM	IL		+	181
	SCRUPOCELLARIIDAE					
13.	*Scrupocellaria bertholeti* Audouin, 1826		IL		+	47

Ascophora

	ADEONIDAE					
14.	*Reptadeonella violacea* (Johnston, 1847)	WW	IL	C	+	49
	CRYPTOSULIDAE					
15.	*Cryptosula pallasiana* (Moll, 1803)	AA	IL	O	+	49,182
	SMITTINIDAE					
16.	*Smittina cervicornis* (Pallas, 1766)	AM	CL	C	+	167,181,182
	SCHIZOPORELLIDAE					
17.	*Schizobrachiella sanguinea* (Norman, 1868)	BO	IL	A	+	181

1	2	3	4	5	6	7
18.	*Schizoporella errata* (Waters, 1848)		IL		+	47
	RETEPORIDAE					
19.	*Schizotheca serratimargo* (Hincks, 1886)	MM	IL	C	+	
	Not noted previously in the area. Collected at station RI-32, 12 m, on 24.07.1975. and 16.05.1981., det.: F. K. McKinney.					
20.	*Sertella septentrionalis* (Harmer, 1933)	BM	IL	C	+	181
	CELLEPORIDAE					
21.	*Cellepora pumicosa* (Pallas, 1766)	AM	IL	O	+	181
	MYRIAPORIDAE					
22.	*Myriapora truncata* (Pallas, 1766)	AM	CL	O	+	167
	STENOLAEMATA					
	C y c l o s t o m a t i d a					
	Tubuliporidea					
	DIASTOPORIDAE					
23.	*Plagioecia patina* (Lamarck, 1816)	BM	IL	O	+	181
	TUBULIPORIDAE					
24.	*Exidmonea atlantica* (Forbes, 1847)	AM	IL		+	181
25.	*Tubulipora plumosa* (Harmer, 1898)	CB	IL		+	181
	Rectanguloidea					
	LICHENOPORIDAE					
26.	*Lichenopora radiata* (Audouin & Savignyi, 1826)	AM	IL	C	+	181
	Cancelloidea					
	HORNERIDAE					
27.	*Hornera frondiculata* (Lamouroux, 1821)	CB	CL	O	+	181
	E C H I N O D E R M A T A					
	CRINOIDEA					
	C o m a t u l i d a					
	ANTEDONIDAE					
1.	*Antedon mediterranea* (Lamarck, 1816)	MM	IL	C	+	35,49,68,93,127,167, 170,174,181
	HOLOTHUROIDEA					
	A s p i d o c h i r o t i d a					
	HOLOTHURIIDAE					
2.	*Holothuria forskali* Delle Chiaje, 1823	MM	IC	C	+	49,167,170,174,180, 181,182
3.	*Holothuria helleri* Marenzeller, 1878	AM	IL	R	+	180
4.	*Holothuria impatiens* (Forskal, 1775)	CT	IL	R	+	180
5.	*Holothuria polii* Delle Chiaje, 1823	AM	IL	R	+	68,174,181,182

1	2	3	4	5	6	7
6.	*Holothuria tubulosa* Gmelin, 1788	AM	IL	A	+	31,34,35,49,68,93, 107,156,167,170,174, 180,181,182
	Consumed occasionally by local people.					
	STICHOPODIDAE					
7.	*Eostichopus regalis* Cuvier, 1817	AM	CL	C	+	22,68,93,127,174, 180,181
	D e n d r o c h i r o t i d a					
	CUCUMARIIDAE					
8.	*Ocnus planci* (Brandt, 1835)	AM	CL	C	+	31,35,68,93,127,174, 180,182
9.	*Trachythyone elongata* (Düben & Koren, 1844)	BM	CL	O	+	174,180,181,182
10.	*Trachythyone tergestina* (M. Sars, 1857)	AM	CL	C	+	35,68,93,174,180, 181,182
	PHYLLOPHORIDAE					
11.	*Thyone cherbonnieri* Reys, 1960	MM	CL	R	+	180
	A p o d i d a					
	SYNAPTIDAE					
12.	*Labidoplax buski* (McIntosh, 1866)	AA	CL	C	+	180
13.	*Labidoplax digitata* (Montagu, 1815)	AM	IC	O	+	68,160,161,174,180, 181,182
14.	*Leptosynapta inhaerens* (O. F. Müller, 1776)	AM	CL	R	+	173,174,180
15.	*Leptosynapta makrankyra* (Ludwig, 1898)	AM	CL	R	+	180
	ASTEROIDEA					
	P a x i l l o s i d a					
	ASTROPECTENIDAE					
16.	*Astropecten aranciacus* (Linnaeus, 1758)	AM	IC	C	+	22,35,49,68,94,127, 170,174,180,181,182
17.	*Astropecten bispinosus* (Otto, 1823)	AM	IL	O	+	68,94,174,180,182
18.	*Astropecten irregularis* (D. Chiaje, 1825)	AM	IC	A	+	68,94,127,167,174, 180,181,182
19.	*Astropecten platyacanthus* (Philippi, 1837)	MM	IL	O	+	127,180
20.	*Astropecten spinulosus* (Philippi, 1837)	MM	IL	R	+	10,31,174,180,181
	V a l v a t i d a					
	ASTERINIDAE					
21.	*Asterina gibbosa* (Pennant, 1777)	AM	IL	C	+	35,68,93,94,127,174, 180,181
22.	*Anseropoda placenta* (Pennant, 1777)	AM	CL	O	+	22,68,94,127,180
	S p i n u l o s i d a					
	ECHINASTERIDAE					
23.	*Echinaster sepositus* (Retzius, 1783)	AM	IC	C	+	49,93,94,107,167, 170,174,176,180,181, 182

1	2	3	4	5	6	7
	F o r c i p u l a t i d a					
	ASTERIIDAE					
24.	*Coscinasterias tenuispina* (Lamarck, 1816)	AM	IL	O	+	68,94,127,174,180, 182
25.	*Marthasterias glacialis* (Linnaeus, 1758)	BM	IC	C	+	22,35,49,68,94,127, 158,159,167,170,174, 180,181,182
	OPHIUROIDEA					
	O p h i u r a e					
	OPHIOMYXIDAE					
26.	*Ophiomyxa pentagona* (Lamarck, 1816)	AM	CL	R	+	68,127,180,181
	AMPHIURIDAE					
27.	*Amphiura chiajei* Forbes, 1843	BM	IC	C	+	31,167,174,180,181, 182
28.	*Amphiura filiformis* (O. F. Müller, 1776)	BM	IC	C	+	167,174,180,181,182
29.	*Amphipholis squamata* (Delle Chiaje, 1828)	CP	IL	A	+	167,169,170,174,180, 181
	OPHIOTHRICIDAE					
30.	*Ophiothrix fragilis* (Abildgaard, 1789)	AM	IC	A	+	31,35,68,127,167, 170,174,180,181
31.	*Ophiothrix quinquemaculata* (D. Ch., 1828) Considered as ecophenotype of *O. fragilis*.	MM	CL	O	+	180
	OPHIOCOMIDAE					
32.	*Ophiopsila aranea* Forbes, 1843	AM	CL	R	+	127,180
	OPHIODERMATIDAE					
33.	*Ophioderma longicaudum* (Retzius, 1805)	AM	IL	C	+	34,65,93,127,167, 170,174,180,181,182
34.	*Ophioconis forbesi* (Heller, 1863)	AM	CL	R	+	172,174,180,181
	OPHIURIDAE					
35.	*Ophiura albida* Forbes, 1839	BM	CL	O	+	174,180,181,182
36.	*Ophiura grubei* Heller, 1863	MM	CL	O	+	173,174,180
37.	*Ophiura ophiura* (Linnaeus, 1758)	BM	IC	C	+	68,93,127,174,180, 181,182
	ECHINOIDEA					
	A r b a c i o i d a					
	ARBACIIDAE					
38.	*Arbacia lixula* (Linnaeus, 1758)	AM	IL	C	+	31,49,107,167,170, 174,180,181
	T e m n o p l e u r o i d a					
	TOXOPNEUSTIDAE					
39.	*Sphaerechinus granularis* (Lamarck, 1816)	AM	IC	C	+	19,31,49,107,127, 167,170,174,180, 181,182

1	2	3	4	5	6	7
	E c h i n o i d a					
	ECHINIDAE					
40.	*Echinus acutus* Lamarck, 1816	BM	CL	R	+	167,174,180
41.	*Psammechinus microtuberculatus* (Blainville, 1825)	MM	IC	O	+	31,68,174,180,181
42.	*Paracentrotus lividus* (Lamarck, 1816)	AM	IL	A	+	19,31,34,35,49,68,93, 167,170,174,180,181, 182
	Ovaries appreciated by tourists, but not consumed by local people.					
	C l y p e a s t e r o i d a					
	FIBULARIIDAE					
43.	*Echinocyamus pusillus* (O. F. Müller, 1776)	BM	IC	C	+	31,170,174,180,181,
	S p a t a n g o i d a					
	SPATANGIDAE					
44.	*Spatangus purpureus* (O. F. Müller, 1776)	BM	IC	O	+	49,167,170,174,180, 181,182
	LOVENIIDAE					
45.	*Echinocardium fenauxi* Péquignat, 1963	MM	IL	C	+	165,170,174,180,181, 182
46.	*Echinocardium mortenseni* Thiery, 1909	MM	IL		+	
	First notice in Rijeka Bay; collected at station RI-32, 36 m, on 24.7.1975., det. D. Zavodnik.					
	SCHIZASTERIDAE					
47.	*Schizaster canaliferus* (Lamarck, 1816)	MM	CL	R	+	31,173,174,180,182
	BRISSIDAE					
48.	*Brissopsis lyrifera* (Forbes, 1841)	BM	IC	C	+	160,167,173,174,180, 181
	C H A E T O G N A T H A					
	SAGITTIDAE					
1.	*Flaccisagitta inflata* (Grassi, 1881)	CP	PL	O	+	15
2.	*Mesosagitta minima* (Grassi, 1881)	CP	PL	O	+	15
3.	*Parasagitta setosa* (J. P. Müller, 1847)	AM	PL	C	+	15
	C H O R D A T A					
	U R O C H O R D A T A					
	APPENDICULARIA					
	OIKOPLEURIDAE					
1.	*Oikopleura dioica* Fol, 1872	CP	PL	C	+	15,37,116,117,118
2.	*Oikopleura fusiformis* Fol, 1872	WW	PL	C	+	15,37,116,117,118
3.	*Oikopleura graciloides* Lohmann & Bückmann, 1824	CP	PL	O		116,117,118
4.	*Oikopleura longicauda* (Vogt, 1854)	CP	PL	C	+	15,37,116,117,118

1	2	3	4	5	6	7
	FRITILLARIIDAE					
5.	*Appendicularia sicula* Fol, 1874	WW	PL	O	+	116,117,118
6.	*Fritillaria borealis* Lohmann, 1896	CP	PL	R	+	15,37,117
7.	*Fritillaria formica* Fol, 1872	WW	PL	O	+	116,118
8.	*Fritillaria haplostoma* Fol, 1872	WW	PL	O	+	15,116,117,118
9.	*Fritillaria pellucida* (Busch, 1851)	WW	PL	O	+	15,37,116,117,118
	KOWALEVSKIIDAE					
10.	*Kowalevskia tenuis* (Fol, 1872)	WW	PL	R	+	116,118
	THALIACEA					
	DOLIOLIDAE					
11.	*Doliolum nationalis* Borgert, 1893	WW	PL		+	63
12.	*Doliolum muelleri* Krohn, 1853		PL			37,63
	SALPIDAE					
13.	*Thalia democratica* (Forskal, 1775)		PL			63
	ASCIDIACEA					
	A p l o u s o b r a n c h i a					
	CLAVELINIDAE					
14.	*Clavelina lepadiformis* (O. F. Müller, 1776)	AM	IL		+	49
	POLYCITORIDAE					
15.	*Polycitor adriaticus* (Drasche, 1883)	AD	CL		+	49
	DIDEMNIDAE					
16.	*Didemnum maculosum* (M.-Edwards, 1841)	AM	IL		+	181
17.	*Diplosoma listerianum* (M.-Edwards, 1841)	CP	IL		+	47,182
18	*Diplosoma spongiforme* (Giard, 1872)		IL		+	47
19.	*Polysyncraton lacazei* (Giard, 1872)	MM	IC			35
	Described by Grube (1861) as *Didemnum rubellum* nov. sp. *Locus typicus*: Kraljevica.					
	P h l e b o b r a n c h i a					
	CIONIDAE					
20.	*Ciona intestinalis* (Linnaeus, 1767)	CP	IC	R	+	35,47
	ASCIDIIDAE					
21.	*Ascidia mentula* O. F. Müller, 1776	CP	CL	O	+	31,181
22.	*Ascidia virginea* O. F. Müller, 1776	AM	CL	R		22
23.	*Ascidiella aspersa* (O. F. Müller, 1776)	AM	IL	O	+	181
24.	*Phallusia fumigata* (Grube, 1864)	MM	IL	C	+	49,167,181
25.	*Phallusia mammillata* (Cuvier, 1815)	AM	CL	C	+	22,35,49,181
	S t o l i d o b r a n c h i a					
	PYURIDAE					
26.	*Halocynthia papillosa* (Linnaeus, 1767)	AM	IC	C	+	35,49,167,181,182
27.	*Microcosmus sabatieri* Roule, 1885	MM	IL	C	+	167,181
28.	*Microcosmus savignyi* C. Monniot, 1962	MM	IL	O	+	35
29.	*Pyura microcosmus* (Savigny, 1816)	AM	CL	R	+	181,182
	STYELIDAE					
30.	*Polycarpa gracilis* Heller, 1877	AM	CL	R	+	181
31.	*Distomus variolosus* Gaertner, 1774	AM	IL	R	+	181

1	2	3	4	5	6	7
32.	*Botryllus schlosseri* Pallas, 1766	CP	IL	R	+	22,47,182

C E P H A L O C H O R D A T A

A m p h i o x i f o r m e s

BRANCHIOSTOMIDAE

33.	*Branchiostoma lanceolatum* (Pallas, 1774)	AM	IL	O	+	181

V E R T E B R A T A

AGNATHA (CYCLOSTOMATA)

CEPHALASPIDOMORPHI

H y p e r o a r t i (P e t r o m y z o n t i f o r m e s)

PETROMYZONIDAE

34.	*Petromyzon marinus* Linnaeus, 1758	AA	BP	O	+	80,84

GNATHOSTOMATA

CHONDRICHTHYES

ELASMOBRANCHII

H e x a n c h i f o r m e s

HEXANCHIDAE

35.	*Hexanchus griseus* (Bonnaterre, 1788)	WW	BE	O	+	5,33,80,109,111,147

L a m n i f o r m e s

LAMNIDAE

36.	*Carcharodon carcharias* (Linnaeus, 1758)	WW	PE	O	+	80,84,98,100
37.	*Isurus oxyrinchus* Rafinesque, 1810	WW	PE	O		84

CETORHINIDAE

38.	*Cetorhinus maximus* (Gunnerus, 1765)	WW	PE	O	+	6,23,75,80,100,105
39.	*Alopias vulpinus* (Bonnaterre, 1788)	WW	PE	R	+	8,23,73,84

C a r c h a r h i n i f o r m e s

SCYLIORHINIDAE

40.	*Scyliorhinus canicula* (Linnaeus, 1758)	AM	BE	C	+	27,53,54,80
41.	*Scyliorhinus stellaris* (Linnaeus, 1758)	AM	BE	C	+	27,54,80,84,167

CARCHARHINIDAE

42.	*Prionace glauca* (Linnaeus, 1758)	WW	PE	R	+	104,125,145,153

TRIAKIDAE

43.	*Galeorhinus galeus* (Linnaeus, 1758)	WW	BE	R	+	27,54,80
44.	*Mustelus mustelus* (Linnaeus, 1758)	AM	BE	R		27,54

SPHYRNIDAE

45.	*Sphyrna zygaena* (Linnaeus, 1758)	WW	BP	O		23,80,98,100