

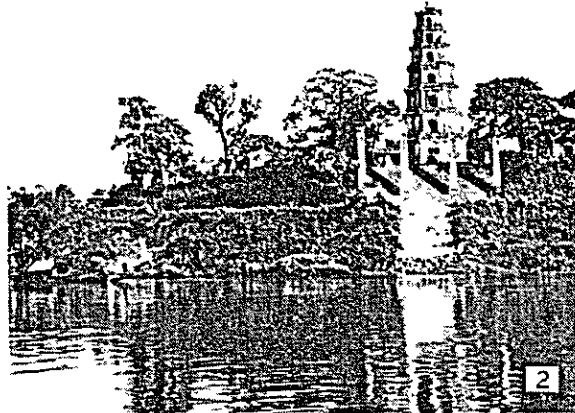
CHAPTER X. PHOTOGRAPH OF RESEARCHING PLACES OR
STATIONS IN SOUTH VIET-NAM

RESEARCHING PHOTOGRAPH

Sampling place	Photo No.
1. HUE	2. 3.
2. THUAN-AN	1. 4. 5.
3. DA-NANG	6. 7. 8. 9.
4. QUANG-NGAI	10. 11. 12. 13. 14
5. QUI-NHON	15. 16.
6. O-LANG-DAM	17.
7. TUY-HOA	18.
8. PHU-HUU	19. 20. 21. 22.
9. NGOC-DIEM	23. 24. 25. 26. 27.
10. NHA-TRANG	28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53.
11. CAM-RANH	54. 55. 56.
12. PHAN-RANH	57.
13. PHAN-THIET	58. 59. 60. 61.
14. DA-LAT	62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78.
15. SONG-PHA	79. 80. 81. 82. 83.
16. VUNG-TAU	84. 85.
17. BIEN-HOA	86.
18. THU-DUC	87. 88. 89.
19. THI-NGHE	90. 91.
20. CHO-LON	92. 93. 94. 95. 96.
21. SAIGON	97. 98.
22. CAN-THO	99. 100. 101. 102. 132. 133.



Thuan-An Beach and the River
(Brackish water).
(Air view)



Perfumes River. (Hue)



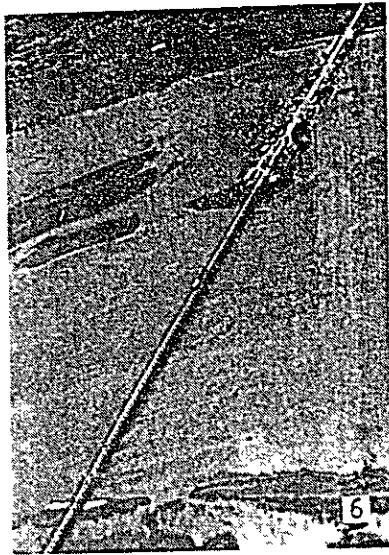
Perfumes River. (near
the Khai-Dinh Temple).



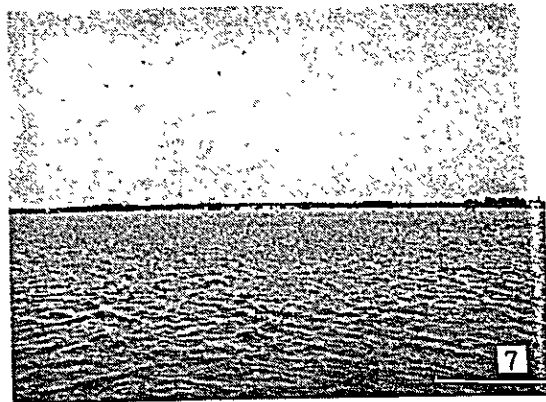
River (Brackish water;
near the Thuan-An.).



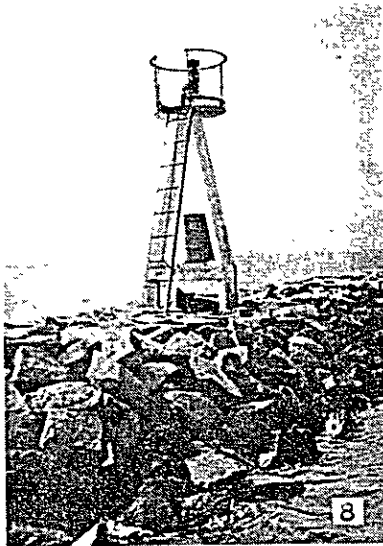
Thuan-An Beach.



Buong River. (Air view)



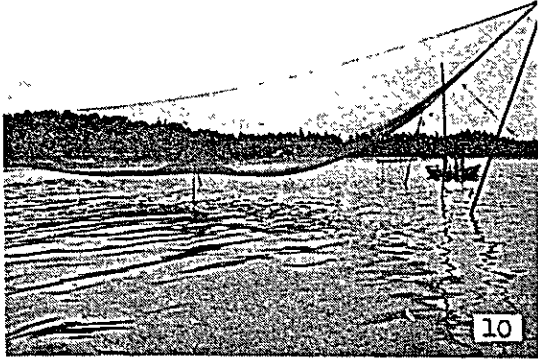
Buong River. (Da-Nang)



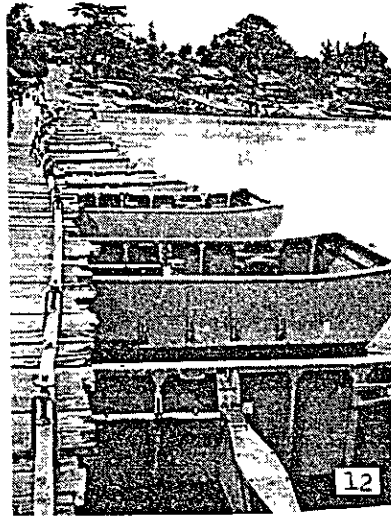
Lighthouse. (Da-Nang)



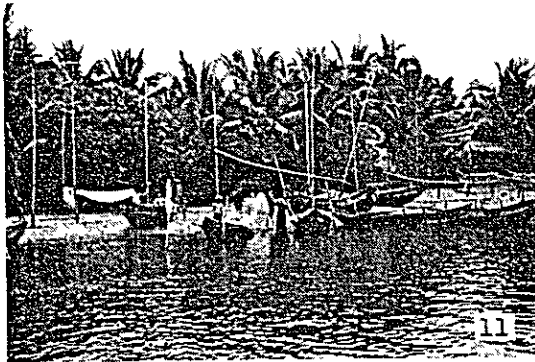
(Da-Nang)



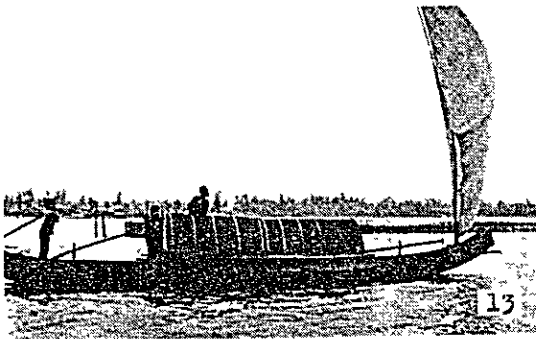
Drir River. (Quang-Ngai)



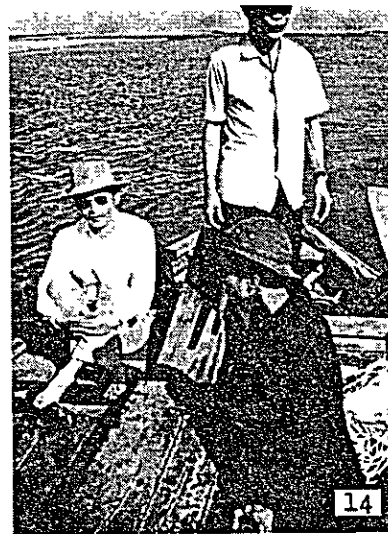
Drir River. (Quang-Ngai)



Drir River. (Quang-Ngai)



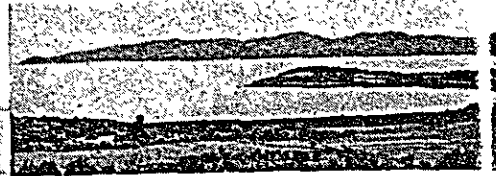
Drir River. (Quang-Ngai)



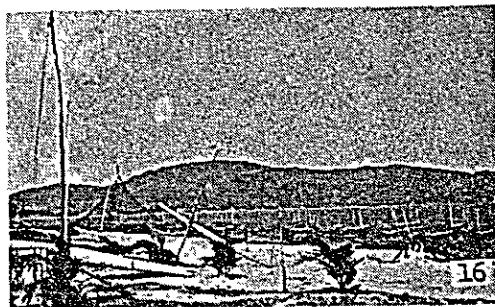
(Quang-Ngai)



(Qui-Nhon)



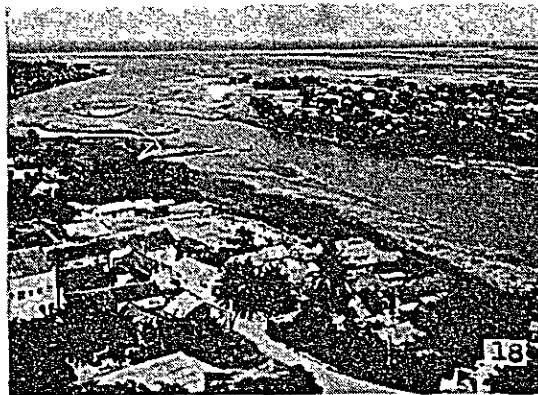
Whole view of O-Loan-Dam.



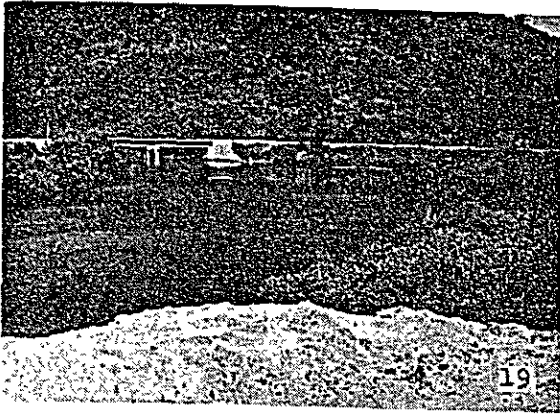
Qui-Nhon beach.



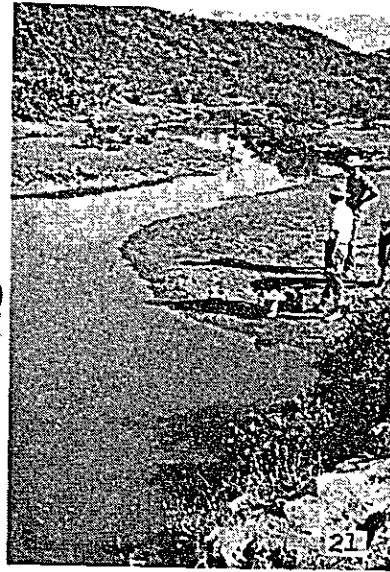
(O-Loan-Dam)



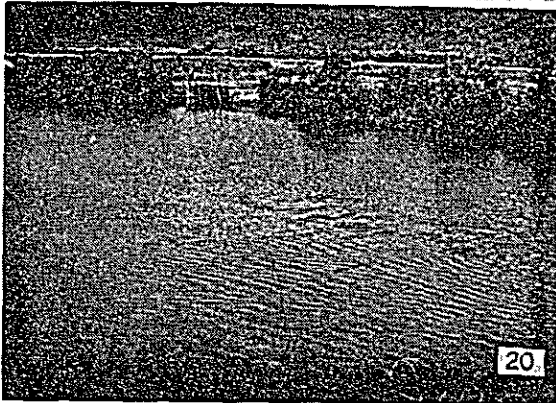
(Tuy-Hoa)



The River of Phu-Huu (19. 20. 21. 22.)
(Brackish water).



(Phu-Huu)



(Phu-Huu)



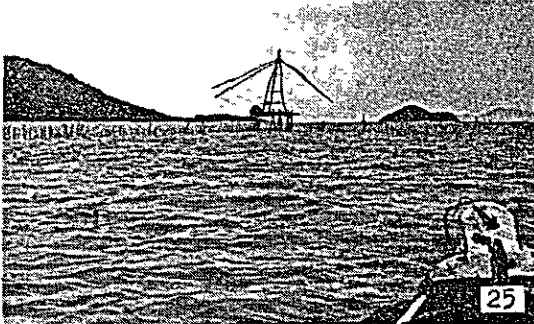
(Phu-Huu)



Ngoc-Diem Bay. (Ngoc-Diem)



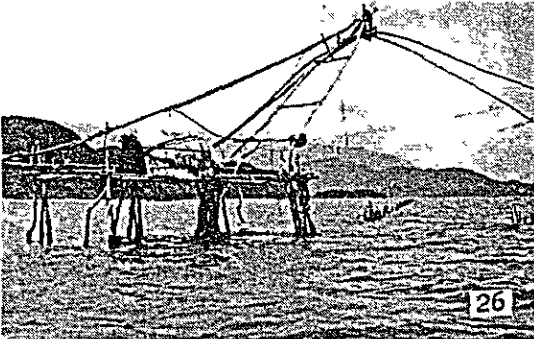
At Ngoc-Diem Bay.



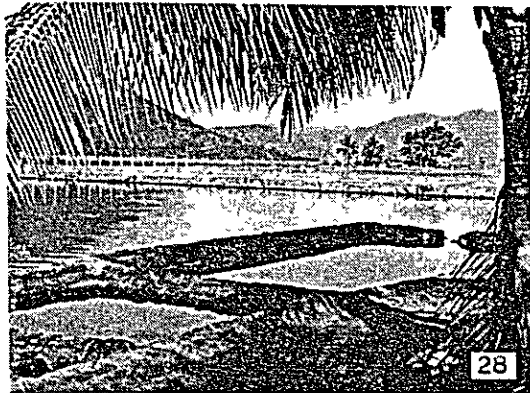
Capture station of Shrimp(*Penaeus*),
(Ngoc-Diem)



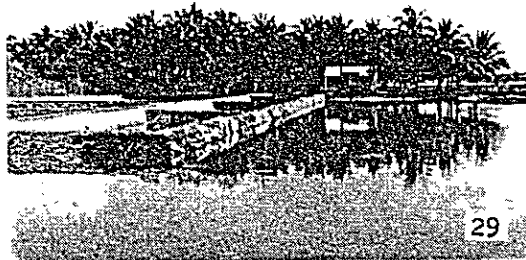
Shrimp(*Penaeus monodon*).



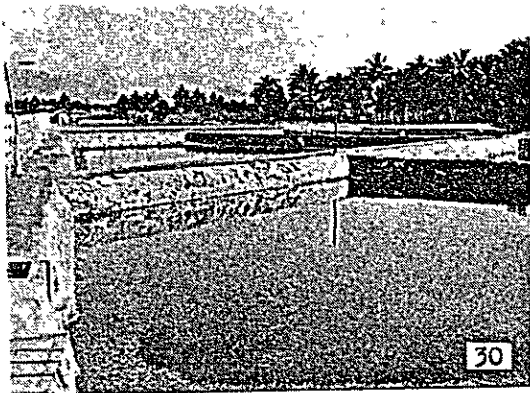
Capture station of Shrimp; Ngoc-Diem.



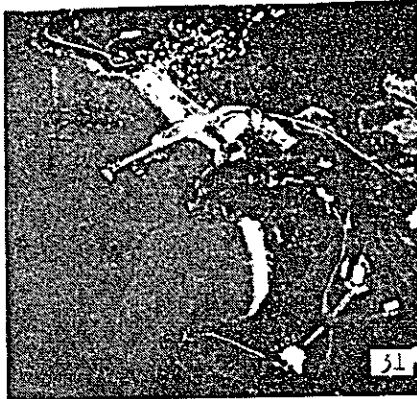
Fish culture station of Nhatrang.
(Breeding species-- Tilapia,
Chanos chanos etc.)



Fish culture station of Nhatrang.



Fish culture station of Nhatrang.



Neighborhood of the
Geographic Institute
(white building and sig,
4 floors - center of
this picture).

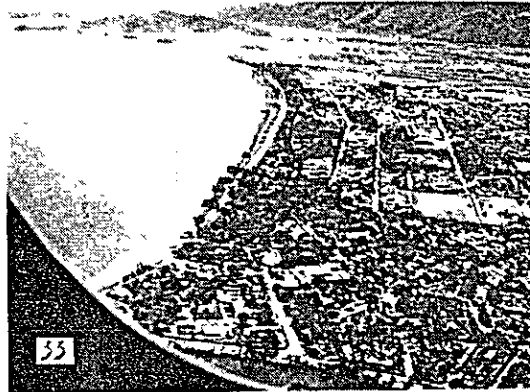


Mouth of the Nhatrang River.

Whole view of Nhatrang



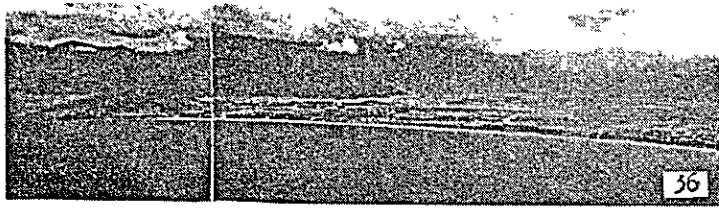
A is the Nhatrang river (Cai river)
B is the Cua-Be river.



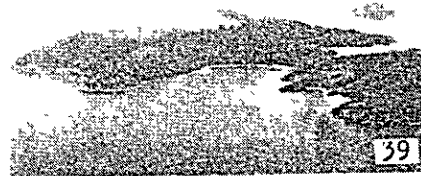
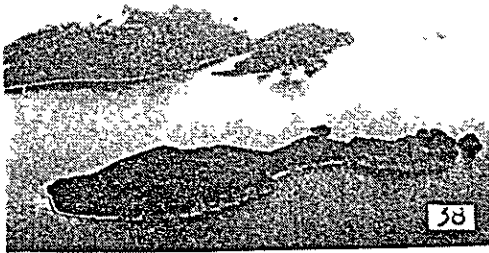
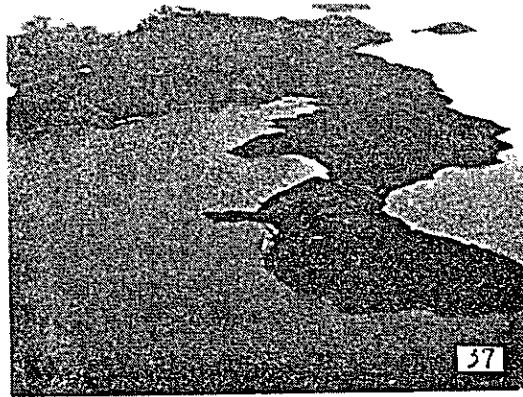
The view of Nhatrang beach.



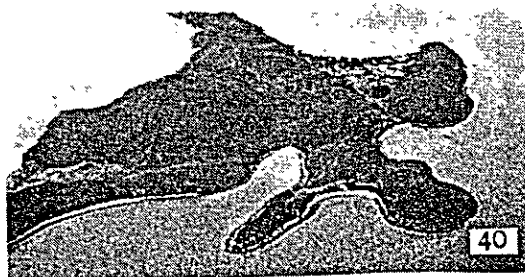
Nhatrang river.



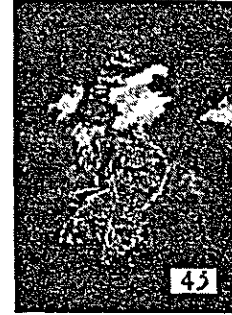
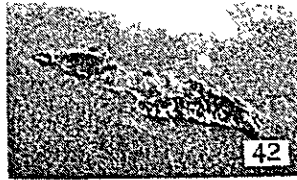
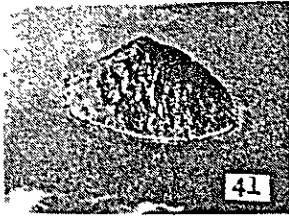
Beach of Nha-Trang (about 7 km.). (Air view)



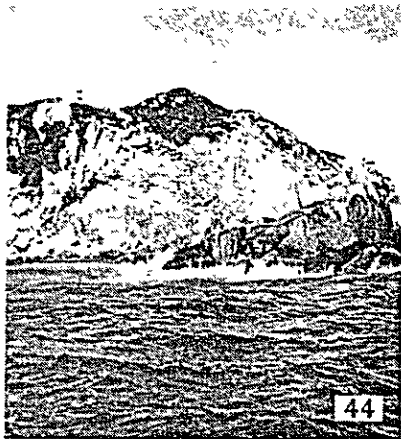
Lon Island, Nha-Trang. (Pictures 37. 38. 39.)



Mieu Island. (Nha-Trang)

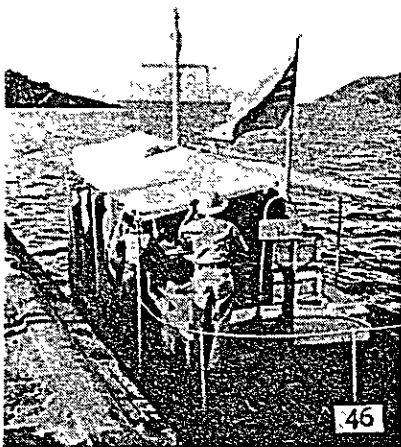


There are many islands near the Nha-Trang.
(Pictures 41. 42. 43.)

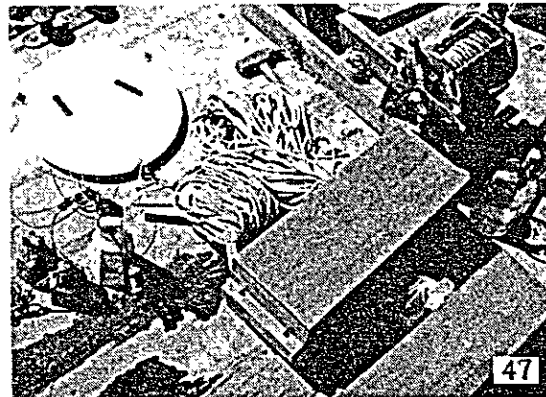


Bamboo blind to catch the fish,
in the Cua-Be River. (Air view)

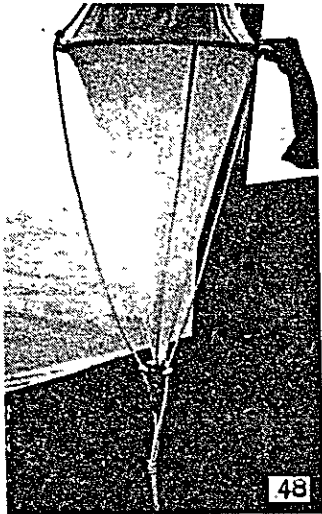
Light house on the Lon Island. Researching boat.



Researching boat.

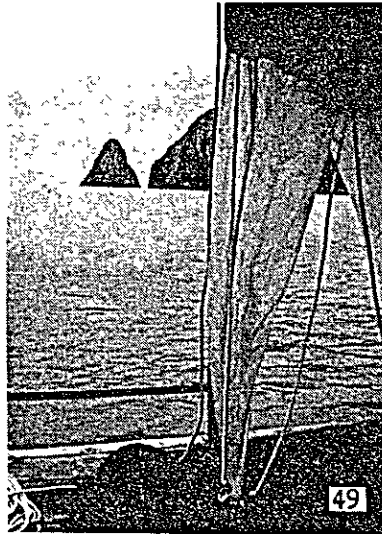


Researching instruments.



48

Phyto-plankton net.



49

Zoo-plankton net.



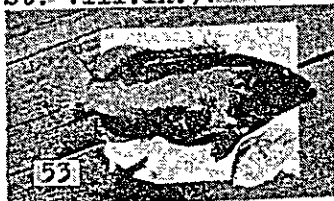
52

In the dry season, sometimes we can catch bonito and another kinds of fish at Nhatrang Bay. (St. VIII, IX.)



50

Researching instruments. (Pictures 50. 51.)



53

(Pictures 52. 53.)



51



Whole view of Cam-Ranh Bay.



Noi Island, near the Cam-Ranh.



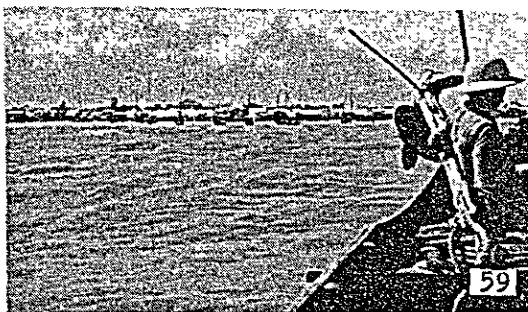
Productivity of Cam-Ranh Bay is not rich.
(at market)



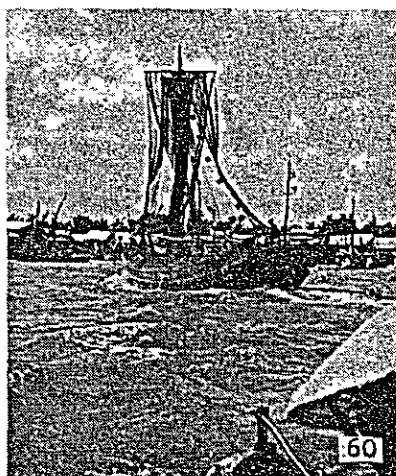
57
 Research, during strong winds.
 (Phan-Rang)



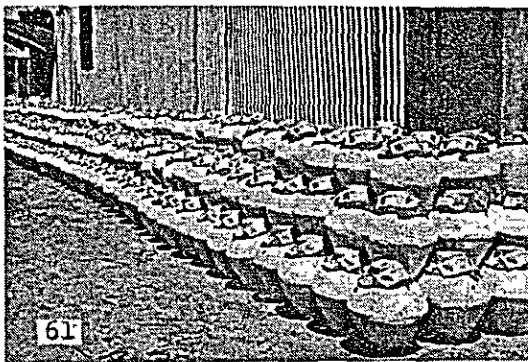
58
 Beach of Phan-Thiet. (Phan-Thiet)



59
 Phan-Thiet.



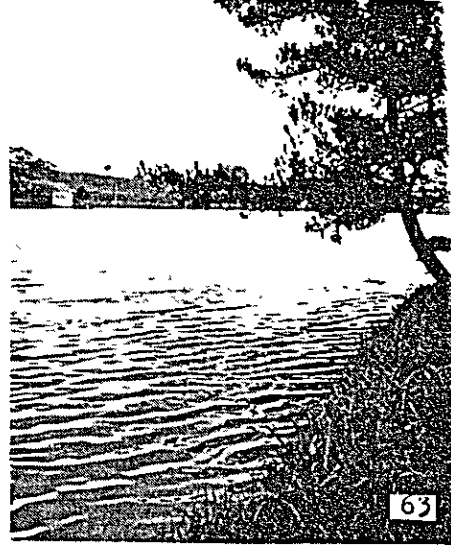
60
 Mouth of the River of
 Phan-Thiet.



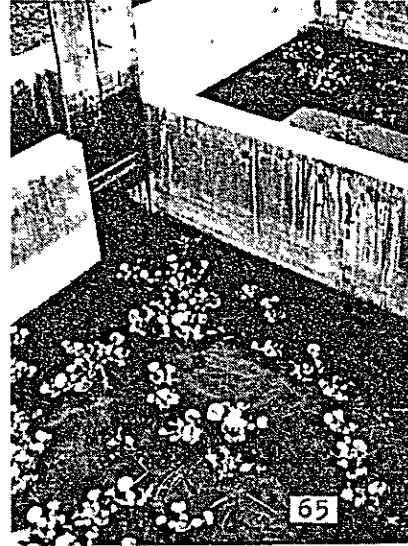
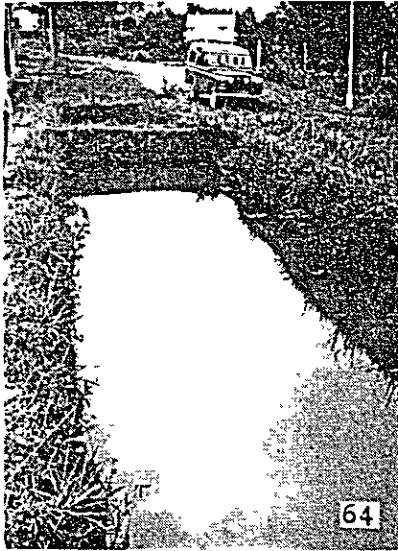
61
 Phan-Thiet is a very famous producing
 center of the soy which is prepared
 from fish. We call it "Nuoc mam".



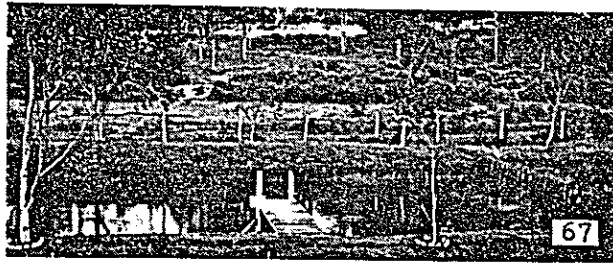
Pond of Prenn. (Da-Lat)



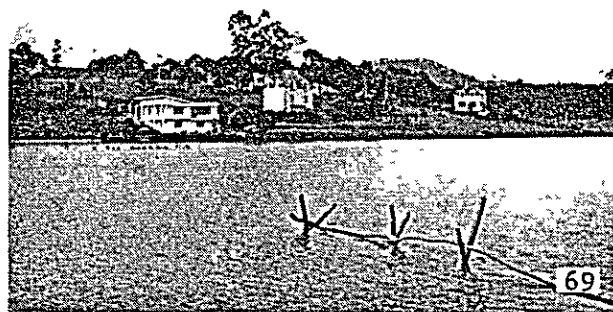
Xuan-Huong Lake. (Da-Lat)



Fish culture station of Da-Lat.
Pictures 64. 65. Culture ponds for the hatching fish and larvae



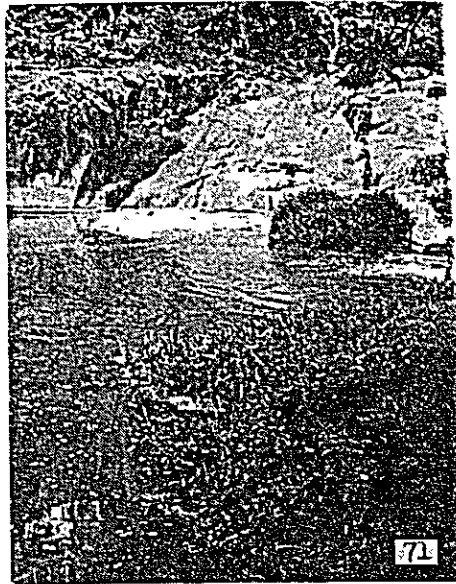
Fish culture station of Da-Lat. (Pictures 66. 67.)



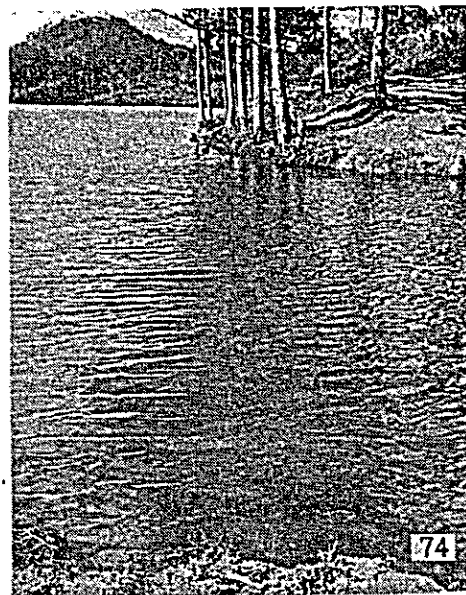
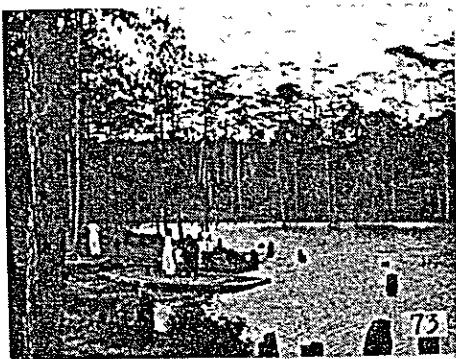
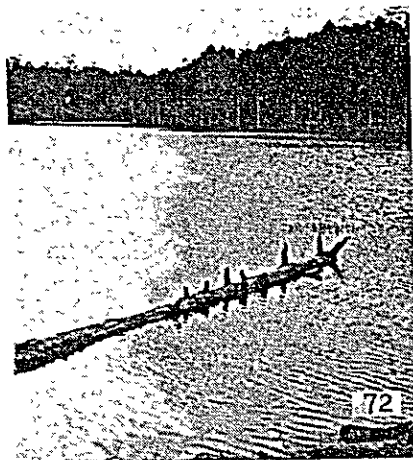
Me-Linh Lake, Da-Lat. (Pictures 68. 69.)



Cam-Ly River. (Da-Lat)



Cam-Ly River. (Da-Lat)



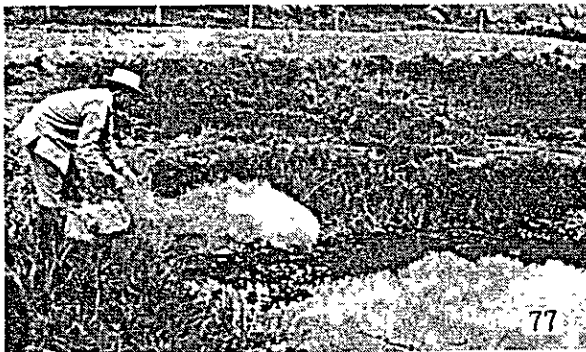
Than-Tho Lake, Da-Lat. (Pictures 72. 73. 74.)



Van-Kiep Lake. (Da-Lat)



Van-Kiep Lake.(Da-Lat)



Giving the food for fish
(Picture 75. 77. 78.)





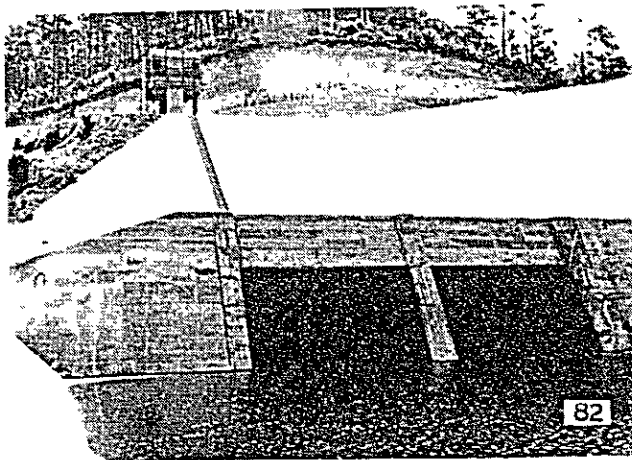
79

Da-Nhim Dam. (Air view)



80

Da-Nhim Dam, Song-Pha. (April, 1963)



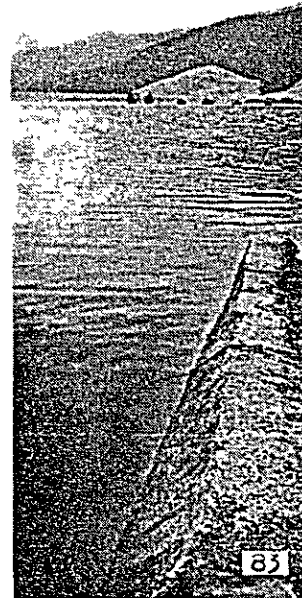
82

Intake of water for the Water power plant.



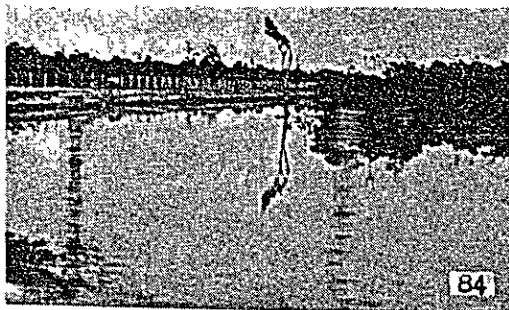
81

Da-Nhim Dam, Song-Pha.



83

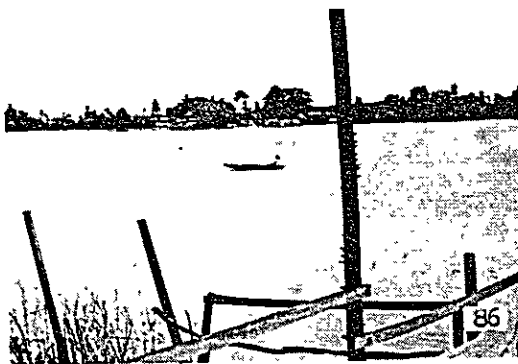
Near the Intake of
Da-Nhim Dam, Song-Pha.



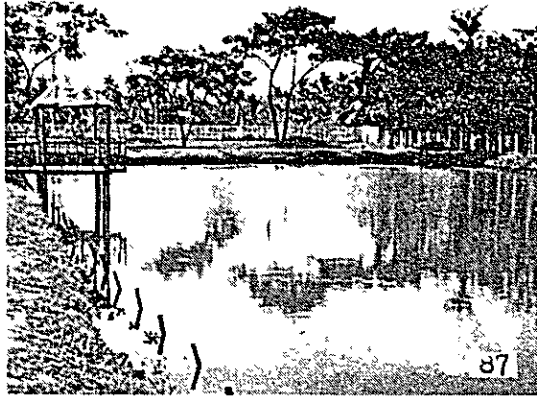
Shrimp culture pond of Vung-Tau.



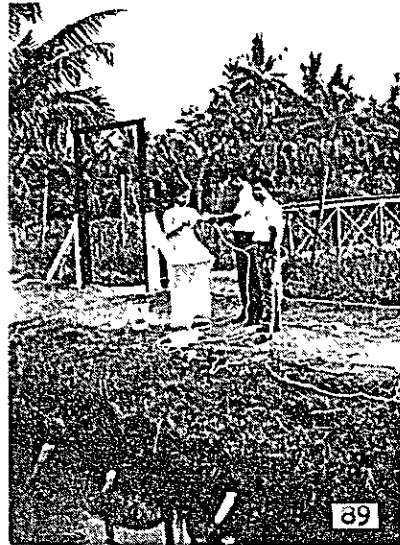
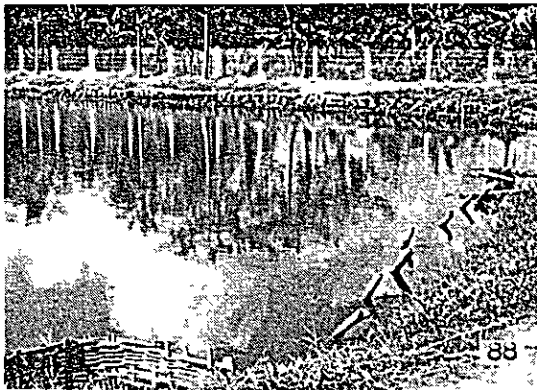
The view of Vung-Tau Beach
from the Light house.



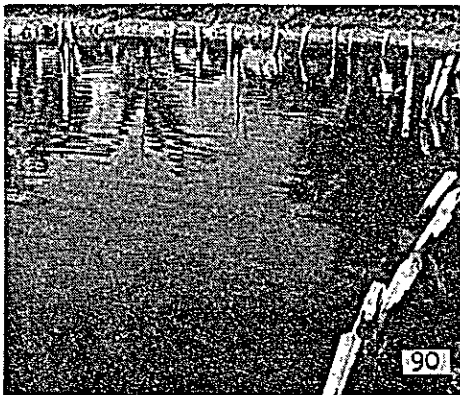
The Dong-Nai River. (Bien-Hoa)



Fish culture station of Thu-Duc.
(Picture 87. and 88.)



Preparation of Sampling.
(Thu-Duc)



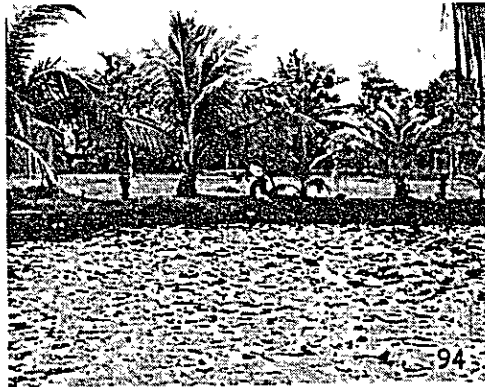
Private fish culture pond in Khanh-Hoi.
(near Saigon, Pictures 90. 91.)



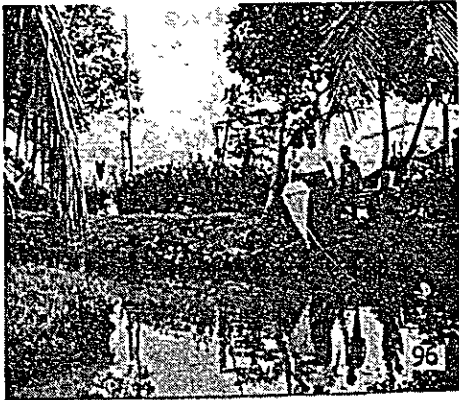
Small river. (Cholon)



Pool. (Cholon)



Pond (Cholon)

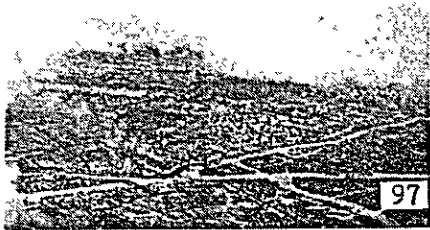


Pond (Cholon)



Determination of the water temperature.

Saigon City and the Saigon River. (Air view)



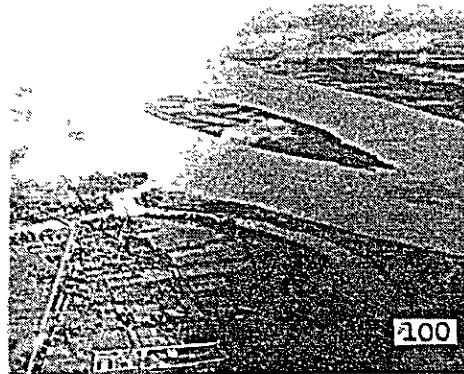
Saigon River.



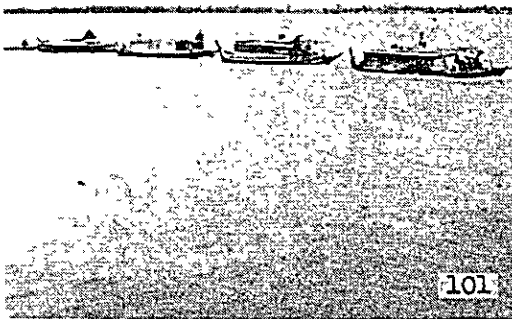
Saigon river.



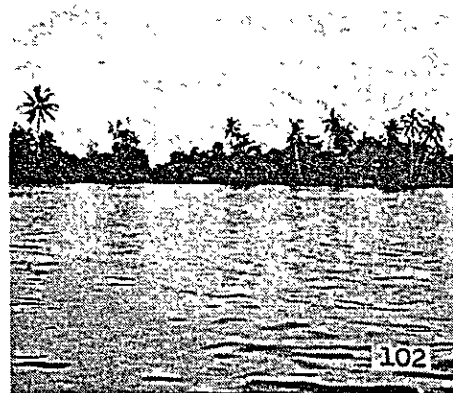
Pond in the Can-Tho Airport.



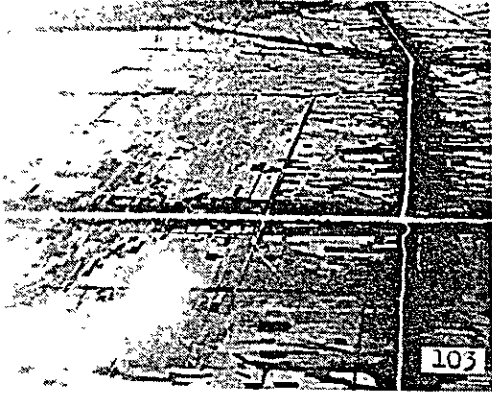
Mekong River. (Air view)



Mekong River. (Can-Tho)



Mekong River. (Can-Tho)

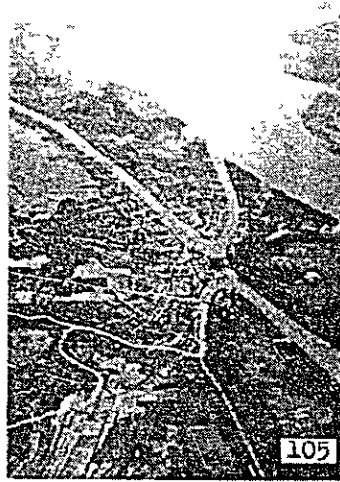


(Ca-Mau)

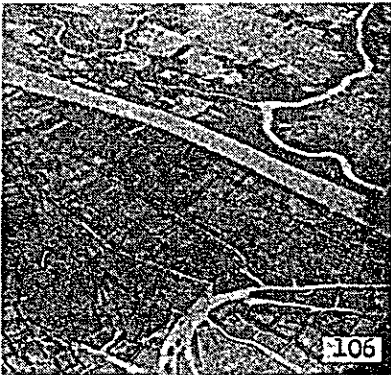
Delta region of Ca-Mau.
There are many rivers and
canals.



(Ca-Mau)



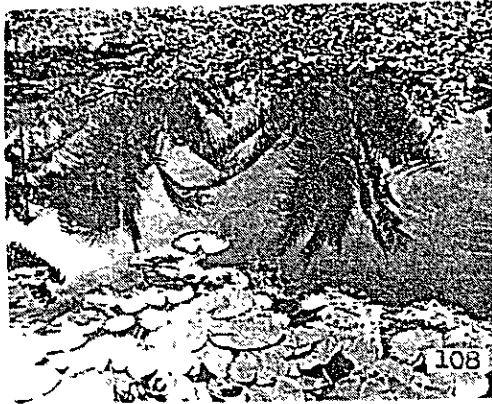
(Ca-Mau)



(Ca-Mau)



(Ca-Mau)



Small pond of Ca-Mau.



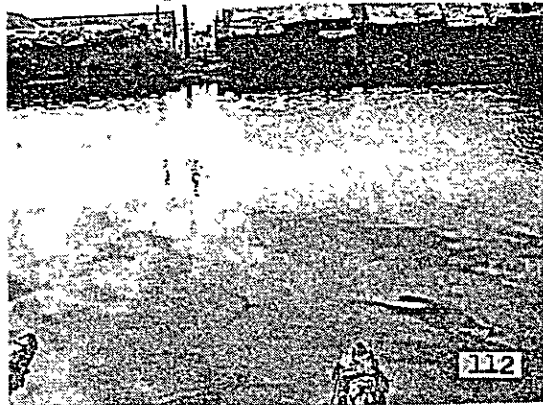
Small pond of Ca-Mau.



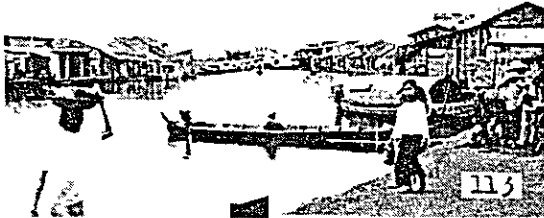
Small pond of Ca-Mau.



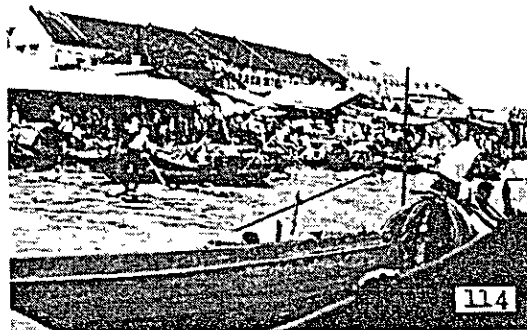
Pond of Ca-Mau.



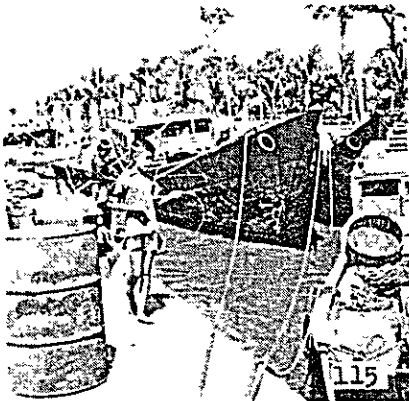
Pond of Ca-Mau.



The . iver of Ca-Mau.



The River of Ca-Mau.



Mouth of the River
(Rach-Gia)



The Beach of Rach-Gia.(Air view)



The Beach of Rach-Gia.



Mouth of the River, Rach-Gia.



The River of Rach-Gia.



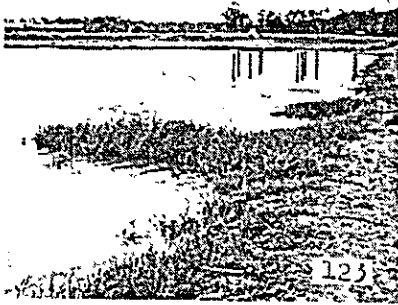
Fish for the export. (Rach-Gia)



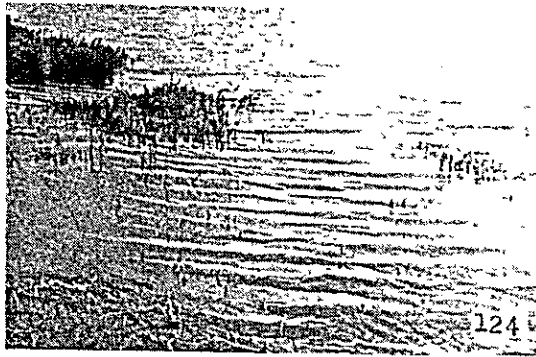
Sharks, at the market.
(Rach-Gia)



Fish at the dry. (Rach-Gia)



Lake of Rach-Gia.



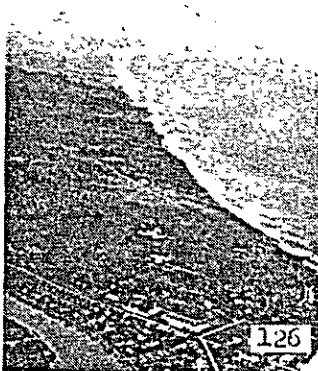
Pond of Rach-Gia.



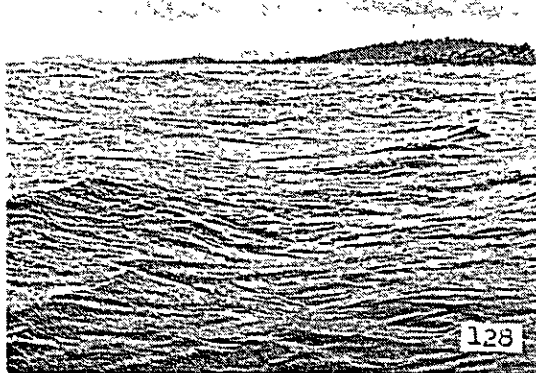
Mouth of the River,
(Phu-Quoc)



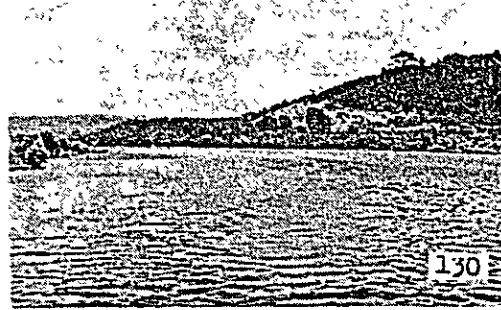
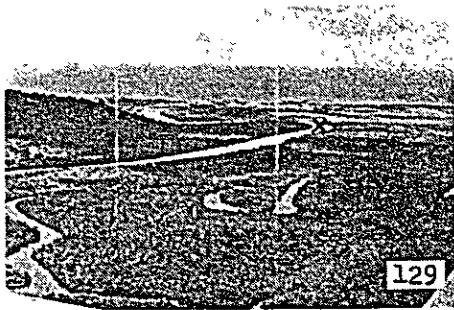
Houses by the River.
(Phu-Quoc)



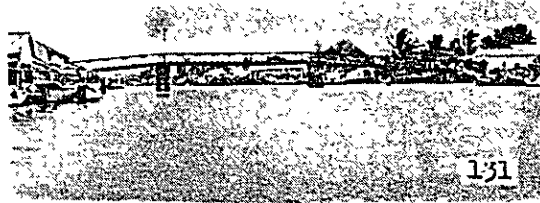
Beach of the West-side
of Phu-Quoc.



(Phu-Quoc)



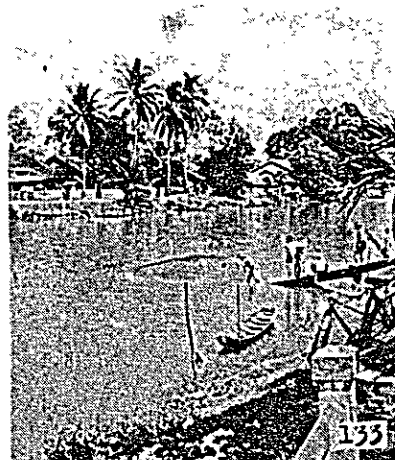
The River of Phu-Quoc and the sea. x is sampling station of the River.
(Phu-Quoc)



(Phu-Quoc)



Fishing boat. (Can-Tho)



Throw a cast-net at
the River of Can-Tho.

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CHAPTER XI. BIBLIOGRAPHY

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tripteris.....	33,255	†		
velata	33,255	†		
EUGLENALEAE	32	†		
EUGLENALES	32	†		
Euglypha cristata.....	35,260	†		
mucronata	35,260	†		
laevis	35,260	†		
tuberculata	35,260	†		
Eulalia viridis	71,363	†		
Euneagonum hyalinum	68,354	†		
EUPHAUSIACEA	84	†		
EUPHAUSIDAE	84	†		
Euphausia gracilis	84,404	†		
pellucida	84,404	†		
Euplotes eurystomus	39,267	†		
patella	39,268	†		
EUPLOTIDAE	39	†		
Euphysa aurata	67,348	†		
Euprimno macropus	83,400	†		
Euryalona occidentalis.....	41,273	†		
Eurytemora affinis	43,278	†		
Euterpina acutifrons	81,395	†		
			(F)	
			Favella azorica	65,343
			adriatica	65,343
			campanula	65,343
			ehrenbergi	65,343
			fistulicauda	65,343
			markuzowskii	65,343
			taraikaensis	343
			Filinia brachiata	47,286
			longiseta	47,287
			opoliensis	47,287
			terminalis	47,287
			Firene viridula	67
			Firoloida desmaresti	73,370
			FLOSULARIACEAE	47
			FORAMINIFERA	62
			Forskalia contorta	68,356
			Fragilaria capucina	21,227
			construens	21,227
			crotonensis	21,227
			interrmedia	55,312
			oceanica fo. typica	55,312
			FRAGILARIACEAE	21,55
			Franceia Droescheri	25,237
			tuberculata	25,237
			Fritillaria borealis.....	85,410
			var. truncata.....	85
			formica	85,410
			fraudax	85,410
			haplostoma	85,410
			megachile	85,410
			pellucida	85,409
			tenella	85,410
			venusta	85,410
			Frontoniella complanata	38,265
			FRONTONIIDAE	38
			Frustulia rhomboides	23,230
			Furcilia larva	84

(G)

Gaetanus kruppii	77,383	Grimaldina brazzai	41
miles	77,382	Guinardia Blavyana	52,293
minor	77,383	flaccida	52,293
pileatus	77,383	Gymnodiniaceae	31
GASTROPIDAE	46	Gymnodiniales	31
Gastropus stylifer	46,285	Gymnodinium aeruginosum ..	31,248
GASTROPODA	73	neglectum	31,248
Gazeletta hexanema	63,340	gracile	61,326
Geryonia proboscidalis	67,351	maguelonnense	61,326
Gigartacon mulleri	63,334	Gymnoplea	76
GIGARTACONIDAE	63	Gymnosomata	74
Glaucoma scintillans	38,266	Gymnostomata	36
Glaucus lineatus	73,371	Gyrodinium glaucum	61,326
GLENODINIACEAE	31	pusillum	31,248
Glenodinium berolinense	32,248	Gyrosigma acuminatum	56,315
kulczynskii	32,248	balticum	56,315
penardiforme	32,248	spenceri	56,315
quadridens	32,248	strigile	56,316
uliginosum	32,248	Gyrosigma attenuatum	23
Globigerina bulloides	62,333		
Globigerinella aequilateralis	62,333		
Globigerinoides conglobata	62,333		
GLOBIGERINIDAE	62		
Glossocephalus Milne-Edwardsi	84,403		
Glycera alba	71,363		
Golenkinia paucispina	25		
Gomphonema acuminatum	23,231		
Gonatozygon aculestum	26,239		
Goniaulax polyedra	61,322		
polygramma	61,322		
Goniodoma polyedricum	61,326		
sphaericum	61,326		
Gonionemus vertens	68,353		
Gonium formosum	31,251		
Pectorale	31,251		
GONYAULACACEAE	32		
Gonyaulax apiculata	32,249		
Palustre	32,249		
Gosseriella tropica	52,291		
Grammatophora angulosa	56,314		
marina	56,314		
serpentina	56,314		

(H)

HAEMATOCOCCACEAE	31	Hexarthra mira	287
Haematococcus lacustris	31,251	HEXARTHRIIDAE	47
Haliomma capillaceum	63,336	Hippopodius hippopus ..	68,354
Halistemma rubra	69,356	Histiobalantium natans .	38,266
HALOCYPRIDAE	75	Histrio histrio	39,269
Halocypris globosa	75,378	Holophrya simplex	36,262
Haloptilus acutifrons	80,392	HOLOPHRYIDAE	36
angusticeps	80,392	Holothuria leucospilota	75,374
longicornis	80,392	tubulosa	75,374
mucronatus	80,392	HOLOTRICHA	36,64
tenuis	80,392	Holosticha vernalis ...	39,268
Halteria grandinella	39,267	Hómalozoon vermiculare .	37,264
HALTERIIDAE	39	HOMOCOELA	66
Hantzschia amphioxys	23	Hormiphora palmata	69,358
Harmothoe imbricata	71,363	plumosa	69,358
Hastigerina pelagica	62,333	HORMOGONEAE	51
Heleopera rosea	36	Hyalocylis striata	74,372
Helicostomella subulata ..	64	Hyalodiscus stelliger ..	51,288
edentata	64	Hyalosphenia elegans ...	36
Helgicirra schulzei	67,350	Hyalotheca dissiliens ..	27,245
Heliocladus asteriscus ..	63,338	mucosa	27,245
Heliosphaera echinoides ..	63,339	HYDRODICTYACEAE	25
Helolithium aureum	64,336	HYDROMEDUSAE	67
Hemiaulus Hauckii	55,310	HYDROZOA	67
indicus	55,310	HYMENOSTOMINA	38
membranacus	55,310	Hyperia latissima	83,400
sinensis	55,310	sibaginis	83,400
Hemidinium nasutum	32,248	schizogeneios	83,400
Hemidiscus cuneiformis ...	52	HYPERIIDAE	83
Heteremalla dubia	79,367	Hyperioides longipes ..	83,401
HETEROCOCCALES	24	Hyperoche kroyeri	83,401
HETEROCONTAE	24	Hypnodinium sphaericum .	31,250
Heterodinium	61,323	Hypotrichidium conicum .	39,268
detonii	61,323	HYPOTRICHINA	39
Heteromastix angulata	30,250		
HETERORHABDIDAE	78		
Heterorhabdus Clausi	78,385		
papilliger	78,385		
vipera	78,385		
HETEROPODA	73		
Heteroptilus acutilobus ..	80,392		
attenuatus	80,392		
HETEROTRICHALES	24		
HETEROTRICHINA	38		
Hexalonche amphisiphon ...	63,337		

(I)

Iasis zonaria	86,413
Ihlea punctata	86,413
Ileonema ciliata	36,262
Inachus sp.	85,408
Isthmia nervosa	55,309

	(J)	'	Lepadella ovalis	45,283
		'	patella	45,283
JANTHINIDAE	73,	'	Lepadidae's larva	83,399
Janthina globosa	73,370	'	Lepas anatifera	83,399
Janthina janthina	73,370	'	Lepocinclis fusiformis ..	33,255
		'	ovum	33,255
		'	LEPTOCYLINDRACEAE	52
		'	Leptocylindrus danicus	52,293
	(K)	'	LEPTOMEDUSAE	67
		'	Lesquereusia modesta	36,260
Kahlia acrobates	39,268	'	Leuckartiara nobilis	67,348
Kellicottia bostoniensis	45,283	'	Leucophrydium putrum	38,265
K longispina	45,283	'	Leucophrys patula	38,265
Keratella cochlearis ...	45,283	'	Leucosolenia blanca	66,346
hiemalis	45,283	'	complicata	66,346
quadrata	45,283	'	falcata	66,346
stipitata	45,283	'	reticulum	66,346
serrulata	45,283	'	LEUCOLENIDAE	66
valga	45,283	'	Leucothea japonica	69
Kerona polyporum	39,268	'	Leuvenia natans	24,232
Kowalevskia tenuis	85	'	Leydigia acanthocercoides .	41,271
KOWALEVSKIDAE	85	'	Lilyopsis rosea	68,355
Krohnitta pacifica	72,369	'	Limnophora abbreviata.....	56,314
Kurzia latissima	41,273	'	flabellata	56,314
		'	Limacina inflata	73
		'	trochiformis	73
	(L)	'	LIMACINIDAE	73
		'	Limnioncaea genuina	44,280
Labidocera acuta	80,393	'	LIMNOMEDUSAE	68
acutifrons	80,393	'	Lingula larva	374
detruncata	80,393	'	Lingula lingula	74,374
Kroyeri	81,393	'	Lionotus fasciola	37,264
pavo	81	'	Liriope rosanea	68,351
wollastoni	81,393	'	tetryphylla	68,352
Lacrymaria olor	36	'	Lithodesmium undulatum	55,310
		'	LOBATEA	69
Lampetia pancerina	69,358	'	Lopadorhynchus appendiculatus	70,360
Laodicea undulata	67,350	'	uncinatus	71,360
Laophonte brevisrostris ..	81,395	'	Loxodes magnus	37,263
Latona setifera	41,276	'	LOXODIDAE	37
Lauderia borealis	52,292	'	Loxophyllum helus	36,263
Ledane elasma	46,284	'	Lubbockia minuta	82,395
luna	46,284	'	squillimana	82,395
LECANIDAE	46	'	Lucicutia atlantica	80,389
Lensia conoidea	68,354	'	flavivornis	80,390
fowleri	68,355	'	longiserrata	80,390
multicristata	68,355	'	ovalis	80,390
subtilis	68,355	'	tenuicauda	80,390
subtiloides	68,355	'		

LUCICUTIIDAE	80,	granulata	21,226
Lucifer acestra	85,406	var. angustissima	21,226
raynaudii	85,406	var. fo. spiralis	21,226
Lycaea pulex	84,401	var. muzzanensis	21,226
		var. valida	21,226
LYCAEIDAE	84	islandica	21,226
Lycaeopsis themistoides	84	italica	21,226
Lychnocanium sp.	63,339	malayensis	21,226
Lychnaspis undulata ...	63,337	varians	21,226
Lyngbya contorta	20,233	Juergensii	51,288
Birgei	20,234	nummuloides	51,288
		Merismopedia convoluta ..	20,283
(M)		Mesocyclops Leuckarti ...	43,280
		oithonoides	44,280
Macrocylops fuscus	43,280	MESOGASTROPODA	73
Macropodia sp.	85,408	Mesopodopsis slabberi ...	84,223,405
Macrosetella gracil ..	81,394	MESOTAENIACEAE	26
MACROSETELLIDAE	81	Metanauplius larva	84,404
Macrotrachela quadricornifera	45,281	Metacyclis pontica	342
MACROTHRICIDAE	42	Metazoea larva	408
Macrothrix laticornis ...	42,276	METOPIDAE	38, ..
rosea	42,275	Metopus es	38,266
MACRURA	85	METRIDIIDAE	78
Maia	85,408	Micracanthodinium setiferum	61,325
MALACOSTRACA	83,	MICRACTINIACEAE	25
MALLOMONADACEAE	30	Micractinium pusillum ...	25,235
Mallomonas caudata		Micrasterias ceratofera .	27,241
var. macrolepis.....	30,247	foliacea	27,241
producta	30,247	mahabuleshwariensis	
MANDIBULATA	40	var. surculifera.....	27,241
Massartia Musei	31,248	torreyi var. crameri ,	27,241
vorticella	31,248	Microcodon clavus	46,285
Mastigias papua	69,358	MICROCODONIDAE	46,
Mastogloia danseii	23,230	Microregma auduboni	36,262
minuta	57,315	Microsetella norvegica,,	81,394
MASTIGOPHORA	30,35,59	rosea	81,395
Maupasia coeca	71,361	Microspora Willeana.	28
Mecynocera clausii	76,379	MICROSPORACEAE	28
MEDUSETTIDAE	63	Miracia efferata	81,394
Medusetta armata	63,340	MOBILIA	40
MEGACALANIDAE	78	Moina brachiata	42,275
Megacalanus princeps ...	78,384	affinis	42,215
Megalotrocha socialis ..	70,360	macrocopa	42,275
Meganyctiphanes norvegica	84,404	rectirostris	42,275
MELOCIRACEAE	21,51	Moinodaphnia macleayi ..	42,275
Melosira agussizii	21,226	MOLLUSCA	73
distanz	21,226	MOLLUSCOIDEA	74
		Monacilla tenera ,,,,	77,384
		typica	77,384

Monas coronifera	35, 258
vivipara	35, 258
MONOGONONTA	45, 70
MONOMASTIGACEAE	32
MONOMASTIGALES	32
Monomastix opsthostigma	32,250
Monostyla bulla	46,284
Lunaris	46,284
quadridentata	46,284
MONORAPHIDINEAE	22, 56
Monomonilla phasma	81,394
MORMONILLIDAE	81
Mougeotia scalaris	26,239
viridis	26,239
Mougeotiopsis calospora	26
Muggiaea atlantica ...	68,355
Kochi	68,355
Muller's larva	
MYOSOMATA	86
MYSIDACEA	84
Mysidae's larva	84,405
Mysis larva	

(N)

Nassula ornata	37,264
NASSULIDAE	37
Navicula cancellata ...	57,315
elegans	57,315
lyra	57,315
cuspidata	22,229
gracilis	22,229
gastrum	22,229
plac-ntula	22,229
fo. jennisseyensis...	22,229
fo. lanceolata	22,229
fo. latiuscula	22,229
fo. rostrata	22,229
radiosa.....	22,229
rhynchocephala	22,229
NAVICULACEAE	22,56
Nauplius larva	399
Nebela collaris	36,261
flabellulum	36,261
Neidium affine	23,230
var. amphirhynchus..	23,230

NEMERTINI	70
Neocalanus gracilis	76,379
robustior	76,379
Neomysis longicornis ...	84,405
NEREIDIFORMIAE	70
Nereis diversicolor	71,363
kerquelensis	71
pelagica	71,363
Nerine foliosa	71,363
Nerita albicilla	74,373
Nitzschia acicularis ..	23,231
actinastroides	23,231
filiformis	23,231
fonticola	23
Brebissonii	23
Nyassensis	23,231
philippinarum	23,231
ricta	23,231
subrostrata	23,231
vermicularis	23,231
closterium	57
hungarica	57,317
lnaceolata	57,317
longissima	57,317
var. reversa	57,317
pacifica	57,317
paradoxa	57,317
plana	57,317
pungens var. atlantica	57,317
seriata	57,317
sigma	57,318
var. intercedens ...	57,318
spectabilis	57,318
vitrea	57,318
NITZSCHIACEAE	23,57
Nodilittorina granularis	74,373
Nodularia spumigena	20,234
var. minor	20,234
NOSTOCACEAE	20
Nostoc Linckia	20,234
Sphaericum	20,234
NOSTOCHINEAE	20
Notholca acuminata	45,284
NOTOMMATIDAE	46
NUDIBRANCHIATA	73

(0)

Obelia geniculata	67,350	Ophryoxus gracilis	41,271
sp.	67,350	OPISTHOBRANCHIA	73
Oceania coccinea	67,348	Opisthonecta henneguyi	40
OCHROMONADACEAE	30	Opisthotricha procera	39,269
Octocanna funeraria	67,350	Ophiarachnella gorgonia	75,375
Octorchis gegenbauri	67,350	Orbulina universa	62,333
Odessia moeotica	68,353	Orinthocercus magnificus	61,322
OEDOGENIACEAE	29	splendicus	61,322
OEDOGENIALES	29	Ormosella trachelium	66,345
Oedogonium crassum	29	Orthodon hematus	37
crispum	29,245	Oscillatoria formosa	20,233
Oicomonas termo	35,258	limosa	20,233
Oikopleura albicans	85,410	princeps	20,233
cophocerca	86,411	OSCILLATORIACEAE	20,51
dioica	86,411	OSCILLATORINEAE	20
fusiformis	86,411	OSCILLATORIALES	20
labradoriensis	86,411	Osphranticum labronetum	42,277
longicauda	86,411	OSTRACODA	75
parva	86,411	Oyster larva	373
rufescens	86,412	OXYCEPHALIDAE	84
Oithona nana	81,394	Oxycephalus porcellus	84
plumifera	81,394	Oxygyrus rangi	73,370
robusta	81,394	Osytoxum milneri	61,325
setigera	81,394	scolopax	61,325
OITHONIDAE	81	tesselatum	61,325
OLIGOTRICHA	64	Oxytricha fallax	39,268
		OXYTRICHIDAE	39
Olindias phosphorica	68,353	Oxyurella longicaudis	42,272
Oncaea media	82,395		
mediterranea	82,395		
minuta	82,395		
venusta	82,395		
ONCAEIDAE	82		
Onychodromopsis flexilis	39,268		
Onychonema laeve	27,244		
ONYCHPODA	42		
OOCYSTACEAE	25		
Oocystis Borgei	26,236		
Eremosphaeria	26,236		
Oophila Amblystomatis	25		
Ophioglypha albida	75,375		
Ophiopluteus larva	75,375		
Ophiothrix fragilis	75,375		
OPHRYDIDAE	40		
Ophrydium eichhorni	40,270		

(P)		PERIDINIACEAE	32
Pachycladon Umbrinus	26,236	PERIDINIALES	31
Pachydinium mediterraneum	61,323	PERIDINIIDAE	59
Paguridae's larva	85,408	Peridinium aciculiferum	32,249
Palmella miniata var. nequalis	25,235	africanum	32,249
PALMELLACEAE	25	gatunense	32,249
Palinurus larva	85,407	palatinum	32,249
Pandorina morum	31,251	spiniferum	32,249
minodi	31,252	striolatum	32,249
PARACALANIDAE	76	umbonatum	32,249
Paracalanus aculeatus	76,380	Brochi	61,323
nanus	76,381	breve	61,323
parvus	76,380	conicum	61,324
Paradileptus robustus	36,264	depressum	61,324
Parahistioneis sphaeroidea	61	diabolus	61,323
Paraholosticha herbicola	39,268	divergens	61,324
PARAMECIDAE	37	Granii	61,323
Paramecium aurellia	37,265	leonis	61,324
caudatum	37,265	lenticula fo. asymmetrica	61,324
multilicronucleatum	37,265	oceanicum var. oblongum	61,324
trichium	38,265	paulseni	61,324
Parascelus typhoides	84,404	pellucidum	61,324
Parathemisto oblivia	84,401	pentagonum	61,324
Pascheriella tetras	31,252	steini	61,324
Pedalia mira	47	PERITRICHIA	40
Pediastrum biradiatum	25,235	PERITRICHES	64
Boryannum var. longicorne	25,236	Petalomonas abscissa	34,257
simplex var. duodenarium	25,236	Petalotricha ampulla	65,343
Pedinomonas minor	30,250	PETALOTRICHIDAE	65
Pedinopera granulosa	31,251	Phacodinium metchnikoffi	38,267
Pedinosoma curtum	71,361	PHACOTACEAE	31
Pegaea confoederata	86,414	Phacus acuminata	33,255
var. bicaudata	86,414	var. iowensis	33,255
Pelagia noctiluca	69,358	alata	33,255
panopyra	69,358	longicauda	33,255
Pelagobia longicirrata	71,361	lismorensis	34,256
Pelodinium reniforme	39,269	pleuronectes	33,255
Pelomyxa palustris	35,258	quincemarginatus	34,256
villosa	35,258	rostafinskii	34,256
Penilia schmackeri	75,377	torta	34,256
PENNALES	21,55	PHAENNIDAE	79
PERACLIDAE	74	Phalacroma circumsutum	61,322
Peraclis bispinosa	74,372	doryphorum	61,322
moluccensis	74,372	parvulum	61,322
reticulata	74,373	porodictyum	61,322
Peranema trichophorum	34,256	Phalacrophorus pictus	71,361
PERANEMACEAE	34		

Philodina roseola	45,281	† Platynereis Dumerilii	71,364
PHILODINIDAE	45	polysocalma	71
Phormidium autumnale	20,233	† Platyophrya vorax	36,262
Phorphyrosiphon Notarisii	20,234	PLATYSCELIDAE	84
Phoronis australis	74,374	† Platyscelus ovoides	84,404
Phronima sedentaria	84,402	serratulus	84,404
Pacific	84,402	† Plectacantha sp.	84,404
PHRONIMIDAE	84	† PLECTOIDAE	63,338
Phronimella elongata	84,402	† Plectonema Tomasiniana	63
Phronimopsis spinifera	84,401	† Pleodorina californica	20,234
Phrosina semilunata	83,400	† Pleurobranchia pileus	31,252
PHROSINIDAE	83	rhodopsis	69,359
Phrophacus horologicum	61,325	† PLEUROCHLORIDACEAE	69,359
Phtisica marina	84,403	† Pleuronema coronatum	24
Phyllirrhoe bucephalum	73,371	† Pleuromamma abdominalis	38,266
PHYLLIRRHOIDAE	73	gracilis	78,386
PHYLLODOCIDAE	70	robusta	78,386
PHYLLOPODA	40,75	xiphias	78,386
PHYLLOSTAUROIDAE	63	† PLEURONEMATIDAE	38
Physalia physalis	69,356	† Pleurosigma affine	57,316
Physalophrya spumosa	38,265	angulatum	57,316
Physomonas vestita	35,258	compactum	57,316
Physophora hydrostatica	69,356	elongatum	57,316
PHYSOPHORAE	68	fasciola	67,316
PHYTODINIACEAE	31	intermedium	67,316
PHYTODINIDAE	59	naviculaceum	57,316
PHYTOMASTIGOPHORA	30	nicobaricum	67,316
PHYTOFLAGELLATA	30	Normanii	67,316
Pinnularia gibba	23,230	Pelagicum	67,316
splendida	23,230	rectum	57,316
nobilis	23,230	rigidum var. incurvata	57,316
Placus luciae	36,262	salinarum	57,316
Plagiocampa mutabilis	36,263	† Pleurotaenium baculoides	27,240
Plagiogramma vanheurckii	56,315	† Pleurotricha grandis	39,269
Plagiopyla nasuta	38,265	† Pleuroxus denticulatus	42,273
PLAGIOPYLIDAE	38	hamulatus	42,273
Planktoniella sol	52,290	striatus	42,272
Planctosphaeria gelatinosa	26,236	† Ploesoma triacanthum	46,285
Planocera pellucida	70,359	truncatum	46,285
PLASMODROMA	35	lenticulare	46,285
PLATHEIMINTHES	70	† PLOIMA	45,70
Plyatyas polyacanthus	45,284	† Pneumoderma mediterranea	74,373
patulus	45,284	† PNEUMODERMATIDAE	74
quadricornis	45,284	† Podocoryne areolata	67,348
		carnea fo. exigua	67,349
		† Podolampas palmipes	61,325
		elegans	61,325

Podon leuckarti.....	75,377	'PROTOCOCCACEAE	28
Polyphemoides.....	75,377	'Protococcus viridis	28,245
schmackeri	75,377	'PROTOMONADINA.....	35
PODOPLEA	43,81	'Protorhabdonella simplex	65,344
Podophrya fixa	40,270	'PROTOZOA	30,35,59
PODOPHRYIDAE	40	'Pseudoblepharisma crassum	38,267
Polyarthra euryptera...	46,286	'PSEUDOCALANIDAE	76
vulgaris	46,286	'Ps udochirella cryptospina	77,383
sp.	46,286	' notacantha	77,383
POLYBLEPHARIDACEAE ...	30	' obtusa.....	77,383
POLYBLEPHARIDALES	30	' pustulifera	77,383
POLYCHAETA	70	' scopularis	77,383
POLYCLADA	70	'Pseudoeunotia doliolus	55,314
Polycystis incerta	20,233	'Pseudolirius Kroyeri...	84,403
Polydora ciliata	71,364	'Pseudolycaea pachypoda	84,401
POLYHEMIDAE	75	'Pseudomicrothorax agilis	38,265
Polynoinien larva	71,364	'Pseudonereis gallapagensis	72
Polyoeca dumosa	35,258	'Pseudoprorodon ellipiticus	36,262
POLYPHEMIDAE	42,75	'Pseudosida bidentata ...	41,276
Polyphemus pediculus ..	42,276	'PTENOGLOSSA	73
Polytoma uvella	31,251	'PTEROPODA	73
Pompholyx sulcata	47,287	'Pterosagitta draco	72
Pontella chiercheae ...	81	'Pterotrachea mutica	73,370
Lo Biancoi	81,393	'PTEROTRACHEIDAE	73
PONTELLIDAE	80	'PTYCHOCYLIDAE	65
Pontellina plumata	81,393	'Ptychodiscus inflatus ..	61,324
Pontellopsis regalis ..	81,393	'Pylospyris trinacria ...	63,339
Pontigulasia vas	36,260	'Pyllosoma larva	85,407
Porcellana longicornis	85,408	'Pyramidomonas tetra-rhynchos	30,250
PORIFERA	66	'Pyrocystis elegans	59,320
Poroecus apiculatus ...	65,343	' fusiformis	59,320
Porpita umbela	69,357	' hamulus var. inaequalis	59,320
sp.	69,357	' noctiluca	59,320
Fortunus sp.	85,408	'PYROSOMATA	86
Poroales decipens	46,284	'Pyrosoma atlanticum	86,416
PROALIDAE	46	'PYROSOMATIDA	86
PROCHORDATA	85	'PYROSOMATIDAE	86
Proplectella angustior	66,344	'	
acuta	66,344	'	
biorbiculata	66	'	
PROROCENTRIDAE	59	'	
Prorocentrum micans ..	59,320	'	
Prorodon discolor	36,262	'	
teres	36,262	'	
PRO OBRANCHIA	73	'	
Protoceratium reticulatum	61,322	'	

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RADIOLARIA	62	Rhizophysa filiformis	69,356
Raphidiophrys elegans ..	261	RHIZOSTOMAE	69
REICHENOWELLIDAE	38	Rhopalodia gibba	23,231
REPTANTIA	85	ventricosa	23,231
Resticula melandocus	46,285	Rhopalonema funerarium	68,352
Rhabdonella amor	65,344	velatum	68,352
elegans	65,344	Rhopilema esculenta	69,358
spiralis	65,344	Rhynchonerella fulgens	71,362
striata	65,344	Rosacea cymbiformis	68,355
RHABDONELLIDAE	65	plicata	68,355
Rhabdonellopsis apophysata	65,344	Rotaria citrinus	45,281
minima	65,344	ROTATORIA	45,70
Rhabdonema adriaticum ..	56,314	ROTIFERA	45,70
Rhabdostyla pyriformis ..	40,270	Rugipes bilzi	35,259
Rhabdosoma sp.	84,403		
Rhincalanus cornutus	76,379		
nasutus	76,378		
RHIZOCHLORIDALES	30		
RHIZOCHRYSIDACEAE	30		
RHIZOCHRYSIDALES	30		
Rhizoclonium hieroglyphicum	29,245		
Rhizosolenia acuminata ..	52,296		
alata	52,294		
fo. curvirostris	52,294		
fo. gracillima	52,294		
fo. indica	52,294		
fo. inermis	52,294		
arafurenris	53,296		
Bergonii	53,296		
cal ar-avis	53,295		
castracanei	53,296		
clevai	53,296		
cylindrus	53,294		
delicatula	53,294		
hebetata fo. semispina	53,295		
imbricata	53,295		
var. Schrubsolei	53,295		
robusta	53,294		
setigera	53,295		
Stolterfothii	53,294		
styliformis	53,295		
var. latissima	53,295		
eriensis	21,227		
longiseta	21,227		
RHIZOLENIACEAE	21,52		
RHIZOPODA	35		
Rhizosphaera trigonacantha	63,337		

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Sabellaria alveolata	72,364	'	intestinata	82,397
Sacculina sp.	83,400	'	iris	82,397
Sagena tenaria	63,340	'	lactens	82,397
Sagitta bedoti	72,365	'	metallina	82,397
bipunctata	72,365	'	maculosa	83,398
crassa	72,365	'	nigromaculata	83,398
fo. naikaiensis	72,365	'	opalina	83,398
decipiens	72,366	'	var. Darwini	83,398
delicata	72,366	'	sali	83,398
elegans	72,366	'	scarlata	83,398
enflata	72,366	'	SAPPHIRINIDAE	82
ferox	72,366	'	Scaphocalanus magnus	79,387
friderici	72,366	'	Scapholobus kingi	42,275
hexaptera	72,366	'	Scaridium longicaudum	46,285
hispidata	72,367	'	SCENEDESMACEAE	26
inflata	72,367	'	Scenedesmus abundans	26,238
lyra gazellae	72,367	'	armatus	26,238
maxima	72,367	'	bijuga	26,238
macrocephala	72,367	'	denticulatus var. linearis	26,238
minima	72,367	'	dimorphus	26,238
neglecta	72,368	'	hystrix	26,238
planktonis	72,368	'	obliquus	26,238
pseudoserratodentata	72,368	'	quadricauda var. quadrispina	26,238
pulchra	72,368	'	SCELIDAE	84
regularis	72,368	'	SCHIZOGONIALES	29
robusta	72,368	'	Schizogonium murale	29,245
serratodentata	72,368	'	SCHIZOMERIDACEAE	29
setosa	72,369	'	Schizomeris Leibleinii	29,245
tumida	72,369	'	Schrodella delicatula	52,292
zetesios	72,369	'	schroderi	52,292
SAGITTIDAE	72	'	Schroederia setigera	25,235
SAGITTOIDEA	72	'	SCOLECITHRICIIDAE	79
Sagitella kovalevskyi	71,361	'	Scolecithrix dane	79,387
SAGOSPHAERIDAE	63	'	SCYPHOMEDUSAE	69
Salpa fusiformis	86,414	'	SCYTONEMATACEAE	20
maxima	86,414	'	Selenastrum gracile	26,237
SALPIDA	86	'	Bibraianum	26,237
SALPIDAE	86	'	SEMAEOSTOMAE	69
Salpingella attenuata	66,345	'	SESSILIA	40
acuminata	66,345	'	Shrimn larva	85,407
Salpingorhiza pascheriana	35	'	Sida crystallina	41,276
SARCODINA	35,62	'	SIDIDAE	41
Sarsia prolifera	67	'	Simocephalus vetulus	42,275
Sapphirina angusta	82	'	SINANANTHERINIDAE	70
bicuspidata	82,397	'	Sinocalanus sinensis	
gastrica	82,397	'	var. tenellus	42
gemma	82,397 (2)			

Sinodiaptomus chaffanjonii	43,278	SPYROIDAE	63
Sarsi	43,278	Squilla's larva	85,409
SO ₁ JMP ₁ JPRA	68	Stauracon pallidus	64,335
Sipunculus nudus	72,365	STAUACONIDAE	64
Siriella clausi	84,405	Staurastrum acanthastrum	27
Skeletonema costatum	52,292	anatinoides var.	28,244
SKELETONEMACEAE	52	javanicum	28,244
SOLENIINEAE	21,52	corniculatum var.	
Solmaris solmaris	68,352	variabile	28,242
Solmissus albescens	68,352	connatum	28,242
Solmundella bitentaculata	68,352	cuspidatum	28,243
Spadella cephaloptera	72,369	var. divergens fa.	
Spasmostoma viride	36,263	minus	28,243
Spatangus purpurens	75,375	dejectum	28,242
SPATHIDIIDAE	37	gracile var. elongatum	28,243
Spathidium spathula	37,264	indentatum	28,243
Spathidioides sulcatum	37,264	megacanthum	28,242
Sphenoderia macrolepis	36,261	var. kalimantanum	28,243
Sphaerocystis Schroeteri	25,235	orbiculare var. depressum	28,241
Sphaerodinium cinctum	31,248	pseudopachyrhyncum	28,241
SPHAEROIDAE	63	punctulatum	28,242
Sphaeronectes kollikeri	69,357	rhynchoceps var. curvatum	28,243
Sphaeroplea annulina	29,245	smithii	28,242
SPHAEROPLEACEAE	29	tohopekaligense fa. minus	28,242
SPHAEROPLEINEAE	29	trissacanthum var.	
Sphaerophrya magna	40,270	dissacanthum	28,242
SPHAEROZOIDAE	63	wildemanni	28,242
Sphaerozosma nitens var.	27,244	var. unispiniferum	28,242
triangulare	27,244	woltereckii	28,244
granulatum	27,244	zonatum var. ceylanicum	28,244
Sphaerozoum geminatum	63,338	Stauraspis stauracantha	63,237
SPINOCALANIDAE	77	Stauroneis anceps	23,230
Spinocalanus caudatus	77,384	Steenstrupiella	
spinus	78,384	steenstrupii	66,345
Spiraulax jollifei	61,323	Steinia candens	39,268
Spirogyra ahmedadensis	26,238	Stenosemella nivalis	64,342
axygospora	26,239	ventricosa	64,342
ionia	26,239	Stephanodiscus Hantzschii	21,227
prolifera	26,239	Stephanoptera gracilis	30,250
protecta	26,239	Stephanopyxis nipponica	52,292
SPIROSTOMIDAE	38	palmeriana	52,292
Spirostomum minus	38,267	turris	52,292
teres	38,267	Stentor ignaeus	39,267
SPIROTRICHIDA	38	roesali	39,267
Spirulina major	20,233	STENTORIDAE	39
princeps	20,233	Sticholonche zanglea	64,340
SPONDYLOMORACEAE	31	STIPITOCOCCACEAE	30
Spondylosium planum	27,245	Stipitococcus urceolatus	30,247
		STOMATOPODA	85
		Stomatopoda's larva	85,409
		Streetsia Challengeri	84,403
		Streptotheca indica	55,312
		thamesis	55,312
		Striatella unipunctata	56,314
		Strongylidium crassum	39,269
		Strongylocentrotus lividus	75,376
		Styliola subula	74,372

Stylocheiron carinatum	84,404	Temora discaudata	79,388
Stylonychia mytilus	39,268	stylifera	79,388
SUCTORIA	40	turbinata	79,388
Sulculeoria biloba	68,355	T. longicornis	79,388
quadrivalvis	68,355	TEMORIDAE	43,79
turgida	68,356	TENTACULIFERIDA	40
Surirella biseriata	23,232	TESTACEA	35
elegans	23,232	TESTUDINELLIDAE	47
ovalis	23,232	Tetraedron lobatum	26,237
robusta	24,232	TETRASPORALES	25
var. splendida	24,232	Tetrahymena pyriformis	38,266
stratula	24,232	Tetrasiphon hydrocora	46,286
tenera	24,232	TETRASIPHONIDAE	46
fatuosa	58,318	TETRAOXONIDA	66
javanica	58,318	Thalassinema nitzschoides	55,313
norvegica	58,318	Thalassiosira condensata	52,292
SURIRELLACEAE	23,58	rotula	52,292
Symploca muscorum	20,234	THALASSIOSIRACEAE	52
Synapta digitata	75,375	Thalassiothrix delicatula	55,314
Synchaeta oblonga	70,360	Frauenfeldii	55,313
pectinata	70,360	mediterranea var. pacifica	56,314
stylata	70,360	Thalia democratica	86,414
tremula	70,360	THALIACEA	86
SYNCHAETIDAE	46,70	THECOSOMATA	73
Synechosystis aquatilis	20,233	Thetys vagina	86,415
Synedra acus	21,227	Theoconus zancleus	63,339
var. angustissima	21,227	Thliptodon Gegenbauri	74,373
var. radians	21,227	THLIPTODONTIDAE	74
affinis	22,227	Thylacidium truncatum	38,266
var. fasciculata	22,228	Tiaranna rotunda	67
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pulchella var. lanceolata	22,228	Tima lucullana	67,351
tabulata	22,228	TINTINNIDAE	39,65
var. grandis	22,228	Tintinnidum neapolitanum	65,340
ulna	22,228	fluviatile	39,270
fulgens	55,313	TINTINNIDIDAE	65
var. mediterranea	55,313	TINTINNOINEA	64
Gaillonii	55,313	Tintinnopsis aperta	64
		angulata	64,341
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		gracilis	64,341
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Tebellaria fenestrata	22,228	cylindrica	64,341
var. asterionelloides	22,228	lobiancoi	64,341
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ZYCNEMATALES	26	:
Zygnemopsis americana .	26,239	:

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