

## Conservation and biomonitoring in the Vikramshila Gangetic Dolphin Sanctuary, Bihar, India

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### Appendix 1

Questionnaire used for the socioeconomic survey of fishermen operating in Vikramshila Gangetic Dolphin Sanctuary.

Date of Interview:

Name of Interviewer:

Signature:

1. Name of the Respondent:

2. Address:

3. General information on household respondent:

(a) Name of household head: \_\_\_\_\_ Father's name: \_\_\_\_\_

Number of household members: \_\_\_\_\_

(b) Status of fishing:

Commercial fishing: \_\_\_\_\_ Subsistence fishing: \_\_\_\_\_

Other occupation: \_\_\_\_\_

4. Details about family members:

	Name of family members	Sex	Age	Religion	Marital Status	Education	Nature of work employment (occupation)	Individual incomes daily / weekly / monthly (INR)
1.								
2.								

Instruction for interviewer: Use only code

Religion: Muslim – 1, Hindu – 2, Christian – 3, Others – 4.

Sex: Male – 1, Female – 2.

Age: Full figures required.

Education: Illiterate – 1, Adult literate – 2, Primary – 3, Secondary – 4, College education – 5.

5. Information on fishing activities:

(a) Fishing period: \_\_\_\_\_ (months)

(b) Types of nets and gears used:

	Name of Nets / gears	Common name	Number	Length (L)	Width (W)	Number in common use
1.						
2.						

(c) Do you have

Fishing boats (numbers per household) \_\_\_\_\_

(d) Whom do you pay for fishing?

License (DFO) \_\_\_\_\_ Lease holders \_\_\_\_\_

Local traders \_\_\_\_\_ Criminals \_\_\_\_\_ Nobody \_\_\_\_\_

- (e) Do you fish individually \_\_\_\_\_ In group \_\_\_\_\_ Both \_\_\_\_\_
- (f) Where do you fish?  
Near the river bank \_\_\_\_\_ Middle stretch of the river \_\_\_\_\_  
Inundated area \_\_\_\_\_ In side channels \_\_\_\_\_
- (g) Where do you sell your catch?  
Near river bank \_\_\_\_\_ In the local market \_\_\_\_\_ Through Cooperative \_\_\_\_\_
- (h) To whom do you sell?  
Local consumers \_\_\_\_\_ Wholesalers/Money lenders \_\_\_\_\_ Retailers \_\_\_\_\_
6. Sources of drinking water:  
River \_\_\_\_\_ Tube well \_\_\_\_\_ City supply \_\_\_\_\_
7. Household income per year (INR):- \_\_\_\_\_

**Appendix 2** Aquatic and terrestrial wildlife recorded during dolphin surveys and field trips in 2001–2003, with observation dates, number of individuals seen, IUCN Red List status (IUCN, 2004) and any extra information recorded.

Species	Dates observed	No. individuals	Red List Status <sup>1</sup>	Remarks
Indian smooth-coated otter <i>Lutrogale perspicillata</i>	12/2/2001 22/6/2001 30/12/2003	2 4 4	NT	First two records, presence recorded from fresh scat and tracks. Third record, all adults sleeping & huddled in the open.
Indian water monitor <i>Varanus bengalensis</i>	26/3/2001	2	DD	Observed exploring holes in steep mud bank
Indian wild boar <i>Sus scrofa</i>	23/5/2001	3–4		Presence recorded from track on same island where small pratincoles were nesting
Unidentified hard-shell turtle	27/12/2001	50+		Basking on a sand island 16 km upstream from Bhagalpur
Indian Softshell Turtle <i>Aspideretes gangeticus</i>	24/05/2001 20/05/2002	5 3	VU	Basking on a sand island 33 km upstream from Bhagalpur
Indian Peacock Softshell turtle <i>Aspideratus hurum</i>	20/05/2002	2	VU	Recovered from poachers near Kahalgaon
Gharial <i>Gavialis gangeticus</i>	26/2/2002	1	EN	Juvenile <2 m basking on a sand island upstream from Bhagalpur
Jackal <i>Canis aureus</i>	29/12/2003	1		On rock island at Kahalgaon

<sup>1</sup>DD, Data Deficient; NT, Near Threatened; VU, Vulnerable; EN, Endangered.

**Appendix 3** Bird species and numbers recorded during surveys of the Vikramshila Gangetic Sanctuary in 2001–2003, with resident or migratory status, IUCN Red List Status (2004) and whether nesting was observed.

Species	2001			2002			2003			Resident / Migrant	Red List Status <sup>2</sup>	Nesting Species <sup>3</sup>
	12–14 Mar.	22–24 May.	26–28 Dec.	15–17 Mar.	19–20 May.	15–17 Mar.	7–10 June	29–31 Dec.				
Ashy crowned finch lark <i>Eremopterix grisea</i>							2		R			
Avocet <i>Ricuvirostra acosetta</i>	42			35	6	28			RM			
Bank myna <i>Acridotheres tristis</i>	80	115		57	134	100	200	15	R		#	
Bar tailed godwit <i>Limosa lapponica</i>				16		8			M			
Barheaded goose <i>Anser indicus</i>	17		30	13	7				RM			
Black bellied tern <i>Sterna acuticauda</i>		2	2	5		6	4	2	R	NT		
Black bittern <i>Ixobrychus flavicollis</i>		1				1			RM			
Black headed gull <i>Larus ridibundus</i>	3			12	25	6	15	6	M			
Black ibis <i>Pseudibis papillosa</i>	9		11	13			13	2	R			
Black necked stork <i>Ephippiorhynchus asiaticus</i>	7	2	2	2	4				R	NT		
Black tailed godwit <i>Limosa limosa</i>	30		250	35					M			
Black winged kite <i>Elanus caeruleus</i>			2			2	1	1	R			
Black winged stilt <i>Himantopus himantopus</i>	8			6	15				R			
Blue rock pigeon <i>Columbia livia</i>						6		6	R			
Brown fish owl <i>Bubo zeylonensis</i>			2						R			
Cattle egret <i>Bubulcus ibis</i>	15	7	40	58		25	30	28	RM			
Chest headed bee-eater <i>Merops leschenaultia</i>							10		R			
Collard sand martin <i>Riparia riparia</i>	20		38	37				6	RM			
Common crane <i>Grus grus</i>				41				32	M			
Common myna <i>Acridotheres tristis</i>						6		9	R			
Common pochard <i>Aythya ferina</i>	90	1	30	520	28	310			M			
Common sandpiper <i>Tringa hypoleucos</i>	1		4	6		4	6	5	RM			
Common shelduck <i>Tadorna tadorna</i>			5	8	5			6	M			
Common teal <i>Anas cracca</i>	1		40	50	6	15		25	M			
Common tern <i>Sterna hirundo</i>		3				7			RM			
Coot <i>Fulica atra</i>	2		1	1	2	2		4	RM			
Cotton teal <i>Nettion coromandelianus</i>						4			R			
Curlew <i>Numenius arquata</i>	216		57	175	18				R			
Drongo <i>Dicrurus adsimilis</i>	1		1						R			
Eastern skylark <i>Alauda gugula</i>									R			
Gadwall <i>Anas strepera</i>	1,280	16	1145	680	47	674	50	2	R			
Great black-headed gull <i>Larus ichthyactis</i>	4		5	11	7	10	15	16	M			
Great crested grebe <i>Podiceps cristatus</i>	94		1	86	10			27	M			
Great white pelican <i>Pelecanus onocrotalus</i>			9			2			RM	EN		
Greater adjutant stork <i>Leptoptilos dubius</i>		25							RM	VU		
Greater spotted eagle <i>Aquila clanga</i>			2						M			
Green bee-eater <i>Merops orientalis</i>		10		25	8				R			
Green shank <i>Tringa nebularia</i>	65	12	43	25	8	47	15	45	RM			

## Appendix 3 Continued

Species	2001				2002				2003				Resident / Migrant	Red List Status <sup>2</sup>	Nesting Species <sup>3</sup>
	12-14 Mar.	22-24 May.	26-28 Dec.	15-17 Mar.	19-20 May.	15-17 Mar.	7-10 June	29-31 Dec.	15-17 Mar.	19-20 May.	15-17 Mar.	7-10 June			
Grey heron <i>Ardea cinerea</i>	30	1	32	27	11			26					26	RM	
Greylag goose <i>Anser anser</i>			265					400					400	M	
Gull billed tern <i>Gelochelidon nilotica</i>	43		7	32	11			1	20				1	RM	
Hen harrier <i>Circus cyaneus</i>	46	9	7	29	13			55	1				55	M	
House sparrow <i>Passer domesticus</i>								6	28		15		6	R	
Indian ring dove <i>Streptopelia decaocto</i>								2					2	R	
Indian river tern <i>Sterna aurantia</i>	15	14	24	27	44			12	20		25		12	R	#
Indian skimmer <i>Rynchops albicollis</i>		24	6	7	26			10	8		12		3	R	#
Indian whiskered tern <i>Chalidonia hybrida</i>	5	4	1	5	14			5	7		5		8	R	
Jungle crow <i>Corvus macrorhynchos</i>					8			2	8		2		2	RM	
Kentish plover <i>Charadrius alexandrinus</i>	1			1					1					RM	
Kestrel <i>Falco tinnunculus</i>	57		32	46				43	63					RM	VU
Large cormorant <i>Phalacrocorax niger</i>		2												RM	
Large egret <i>Ardea alba</i>				2										RM	
Large pied wagtail <i>Motacilla madagascariensis</i>				2							2			R	
Lesser adjutant stork <i>Leptoptilos javanicus</i>	3	1		1	2			1			2		1	RM	VU
Lesser pied kingfisher <i>Ceryle rudis</i>	7		2						8		4		5	R	
Lesser whistling teal <i>Dendrocygna javanica</i>		217						150			150		50	R	
Little cormorant <i>Phalacrocorax carbo</i>	45	6	15	48	150			35	55		35		23	RM	#
Little egret <i>Egretta gazetta</i>	56	8	8	27	11			15	45		15		7	R	
Little grebe <i>Tachybatus ruficollis</i>	2	71		8	150			130			130		5	R	
Little King plover <i>Charadrius mongolus</i>	10	—							2				2	RM	
Little stint <i>Calidris minuta</i>	52	30	204	30	50			30	46		30		50	M	
Little tern <i>Sterna albifrons</i>	1			5										R	#
Marsh harrier <i>Circus aeruginosus</i>													1	M	
Median egret <i>Egretta intermedia</i>	3	8	5	2	6			4					4	RM	
Night heron <i>Nycticorax nycticorax</i>	253	2	5	84	15			7					7	R	#
Open billed stork <i>Anastomus oscitans</i>	9	4	25	8	17			12	78		15		12	R	
Osprey <i>Pandion halietus</i>		1	5		3			7					7	RM	
Painted stork <i>Mycteria leucocephala</i>	16	9	13	15	12			11	12		15		11	RM	NT
Panah kite <i>Milvius migrans govinda</i>		15												R	
Peregrine falcon <i>Falco peregrinus</i>			9	5				3	4				3	M	
Pied myna <i>Sturnus contra</i>	470	2	2,100	160	50			15	130		15		3	R	
Pintail <i>Anas acuta</i>	2	2	1	4	6			5	5		5		2	M	
Pond heron <i>Ardea cinerea</i>				25				8	10					M	
Red crested pochard <i>Rhodoussa rufina</i>	6			8										RM	NT
Redshank <i>Tringa tetanus</i>	2	4		6	8			8	10		8		2	R	#
Red-wattled lapwing <i>Vanellus indicus</i>														R	
Rose Ringed parakeet <i>Psittacula columboides</i>					1									R	

## Appendix 3 Continued

Species	2001			2002			2003			Resident / Migrant	Red List Status <sup>2</sup>	Nesting Species <sup>3</sup>
	12-14 Mar.	22-24 May.	26-28 Dec.	15-17 Mar.	19-20 May.	15-17 Mar.	7-10 June	29-31 Dec.				
Shoveller <i>Anas clypeata</i>	450	1	150	365	20	285	15	32	M			
Small Indian pratincole <i>Glareola lactea</i>	610	14		400	1,000	350	1,000		R		#	
Spoonbill <i>Platalea luconoides</i>	55	17	177	120	35	60		140	RM			
Spur winged lapwing <i>Vanellus indicus</i>	18	8	17	12		8	16		R			
Steppe eagle <i>Aquila rapax nepalensis</i>	1								R			
Swallow <i>Hirundo rustica</i>	2		228	10	15	8	20	10	RM			
Tawny eagle <i>Aquila rapax vindhiana</i>	2								RM			
Tufted pochard <i>Aythya fuligula</i>	505		1	210	30	250	50	350	M			
Upland buzzard <i>Buteo Hemilasius</i>									M			
White eyed pochard <i>Aythya nyroca</i>	10				15				M		NT	
White necked stork <i>Ciconia episcopus</i>	8	3	2						R			
White wagtail <i>Motacilla alba</i>	5		1		6	8		6	RM			
Whitebreasted kingfisher <i>Halcyon smyrynensis</i>		1	8			3	4	2	R			
Wigeon <i>Anas penelop</i>	70	2		14	9				M			
Wire tailed swallow <i>Hirundo smithii</i>						20	2,016	15	RM			
<b>Total</b>	<b>5,199</b>	<b>681</b>	<b>5,258</b>	<b>3,831</b>	<b>2,138</b>	<b>3,015</b>	<b>2,016</b>	<b>2,255</b>				

<sup>1</sup>M, Migrant; R, Resident; RM, Resident Migrant.

<sup>2</sup>NT, Near threatened; VU, Vulnerable; EN, Endangered.

<sup>3</sup>#, Recorded nesting.

**Appendix 4** Fishes and crustaceans sampled at landing and market sites in Bhagalpur and Kahalgaon during 2001–2003, with information on the gears used to catch them, commercial value, total weight sampled and percentage of total catch.

Fish and crustacean species <sup>1</sup>	Common name	Gears used <sup>2</sup>	Commercial value (INR kg <sup>-1</sup> ) <sup>3</sup>	2001 <sup>4</sup>		2002 <sup>4</sup>		2003 <sup>4</sup>	
				Wt (kg)	%	Wt (kg)	%	Wt (kg)	%
<b>ANGUILLIFORMES</b>									
<b>Anguillidae</b>									
<i>Anguilla bengalensis bengalensis</i>	Indian longfin eel	BN	NV	NS	NS	NS	NS	1.60	NS
<b>ATHERINIFORMES</b>									
<b>Belontiidae</b>									
<i>Xenentodon cancila</i>	Freshwater garfish	MGN	NV	26	0.1	63	0.18	87	0.12
<b>CLUPEIFORMES</b>									
<b>Clupeidae</b>									
<i>Gudusia chapra</i>	Indian river shad	MGN	30–50	6,081	13.44	2,486	7.28	5,250	7.69
<i>Goniatus manmina</i>	Ganges River gizzard shad	MGN	30–50	174	0.38	1,148	3.36	1,397	2.04
<i>Tenualosa ilisa</i>	Hilsa	MGN	90–120	12	0.02	20	0.06	9	0.01
<i>Setipinna brevifilis</i> * <sup>a</sup>	Short hairfin anchovy	MGN, BN	30–50	3,115	6.88	2,522	7.40	3,461	5.07
<b>CYPRINIFORMES</b>									
<b>Cyprinidae</b>									
<i>Amblypharyngodon mola</i>	Mola carplet	MGN, BN	NV	5	0.01	33	0.09	4	NS
<i>Aspidoparia morar</i>	Aspidoparia	MGN, BN	40–50	2,458	5.43	2,773	8.12	3,386	4.96
<i>Catla catla</i> * <sup>b</sup>	Catla	MGN, BN	60–150	764	1.68	723	2.11	2,689	3.94
<i>Chagunius chagunio</i>	Chaguni	MGN	NV	NS	NS	NS	NS	2	NS
<i>Cirrhinus cirrhosus</i>	Mrigal	MGN, BN	60–120	1,313	2.90	674	1.97	1,574	2.30
<i>Crossocheilus latius</i> * <sup>a</sup>	Gangetic latia	MGN	NV	116	0.25	379	1.11	530	0.77
<i>Chela atpar</i>	Unknown	BN	NV	5	0.01	NS	NS	6	NS
<i>Esomus danricus</i>	Flying barb	BN	NV	NS	NS	0	0	3	NS
<i>Labeo bata</i>	Bata labeo	MGN, BN	50–80	507	1.12	939	2.74	3,839	5.62
<i>Labeo calbasu</i>	Orangefin labeo	MGN, BN	60–80	308	0.68	307	0.89	485	0.71
<i>Labeo gonius</i>	Kuria labeo	MGN	40–60	11	0.02	44	0.12	19	0.02
<i>Labeo rohita</i> * <sup>c</sup>	Rohu	MGN, BN	60–150	464	1.02	295	0.86	1,074	1.57
<i>Osteobrama cotio cotio</i> * <sup>a</sup>	Cotio	MGN, BN	NV	776	1.71	676	1.98	1,420	2.08
<i>Puntius conchontius</i>	Red barb	MGN, BN	15–20	478	1.05	235	0.68	536	0.78
<i>Barbodes sarana</i>	Olive barb	MGN	40–50	220	0.48	157	0.45	429	0.62
<i>Puntius sophore</i> * <sup>a</sup>	Spotfin swamp barb	MGN, BN	15–20	970	2.14	1,075	3.14	2,922	4.28
<i>Salmostoma bacaila</i>	Large razorbelly minnow	MGN, BN	30–50	1,049	2.31	1,554	4.55	861	1.26
<i>Securicula gora</i>	Gora chela	MGN	30–50	25	0.05	3	NS	14	0.02
<b>Cobitidae</b>	Necktie loach	MGN, BN	NV	2	NS	3	NS	715	1.04
<i>Botia dario</i>	Loach	BN	NV	NS	NS	NS	NS	NS	NS
<i>Botia lohachata</i>	Guntia loach	BN	NV	5	0.01	NS	NS	14	0.02
<i>Lepidocephalichthys guntea</i>	?	BN	NV	4	NS	NS	NS	4	NS
<i>Nemachilus botia</i>	Gongota loach	MGN	NV	NS	NS	0	0	0	0
<i>Somileptes gongota</i>									

## Appendix 4 Continued

Fish and crustacean species <sup>1</sup>	Common name	Gears used <sup>2</sup>	Commercial value (INR kg <sup>-1</sup> ) <sup>3</sup>	2001 <sup>4</sup>		2002 <sup>4</sup>		2003 <sup>4</sup>	
				Wt (kg)	%	Wt (kg)	%	Wt (kg)	%
<b>OSTEOGLOSSIFORMES</b>									
Notopteridae									
<i>Notopterus notopterus</i> * <sup>e</sup>	Humped featherback	MGN	30-40	130	0.28	109.20	0.31	178	0.26
<i>Chitala chitala</i>	Feather back	MGN	60-150	1,238	2.73	396.20	1.16	1,625	2.38
<b>PERCIFORMES</b>									
Channidae									
<i>Channa marulius</i>	Bullseye snakehead	MGN, H	30-80	213	0.46	193	0.54	306	0.44
<i>Channa punctata</i>	Spotted snakehead	MGN, H	40-60	383	0.84	247	0.72	750	1.09
<i>Channa striata</i>	Banded snakehead	MGN, H	30-60	226	0.49	199	0.58	149	0.21
<i>Channa gachua</i>	Bothua	MGN	NV	NS	NS	NS	NS	0	0
Mugilidae									
<i>Rhinomugil corsula</i>	Corsula mullet	CN, MGN	30-60	179	0.39	162	0.47	67	0.09
<i>Sicamugil cascasia</i>	Yellowtail mullet	MGN	30-50	1,227	2.71	682	1.99	544	0.70
Ambassidae									
<i>Chanda nama</i>	Elongate glass perchlet	MGN, BN	NV	221	0.48	141	0.41	221	0.32
<i>Parambassis rangra</i> * <sup>a</sup>	Indian glassy fish	MGN, BN	NV	274	0.60	455	1.33	1,032	1.51
Scaenidae									
<i>Jhonius coitor</i>	Coitor croaker	MGN	20-40	1,685	3.72	1114	3.26	4,071	5.96
<i>Jhonius gangeticus</i>	Gangetic bola	MGN	20-40	347	0.76	33	0.09	50	0.07
Nandidae									
<i>Nandus nandus</i>	Mottled nandus	MGN	NV	NS	NS	NS	NS	1	NS
Anabantidae									
<i>Anabas testudineus</i>	Climbing perch	MGN	NV	NS	NS	0	0	NS	NS
Belontiidae									
<i>Colisa fasciatus</i>	Gaint gourami	BN	NV	1	NS	NS	NS	8	0.01
Gobiidae									
<i>Glossogobius giuris</i>	Tank gobi	MGN, BN	NV	134	0.29	241	0.70	457	0.66
<b>SYMBRANCHIFORMES</b>									
Amphinoidea									
<i>Monopterusuchia</i>	Gangetic mud eel	BN	NV	0	0	0	0	11	0.01
Mastacembelidae									
<i>Macroganathus aral</i>	One stripe spiny eel	MGN, BN	50-70	419	0.92	69	0.20	221	0.32
<i>Macroganathus pancalus</i> * <sup>a</sup>	Striped spiny eel	BN	NV	188	0.41	91	0.26	537	0.78
<i>Mastacembelus armatus</i>	Spiny eel	MGN, H, BN	40-60	374	0.82	334	0.98	824	1.20
<b>SILURIFORMES</b>									
Siluridae									
<i>Ompok pabda</i>	Pabda catfish	MGN	80-150	255	0.56	212	0.62	509	0.74
Wallago attu	Boal	MGN, H, BN	40-70	3,317	7.33	2,499	7.32	5,560	8.15
Bagridae									
<i>Sperata aor</i>	Long whiskered cat fish	MGN	60-100	2,369	5.23	1,733	5.07	3,288	4.81
<i>Sperata seenghala</i> * <sup>a</sup>	Gaint river cat fish	MGN	60-100	800	1.76	761	2.23	1,502	2.20
<i>Mystus caninus</i> * <sup>a</sup>	Gangetic mystus	MGN	50-70	1,060	2.34	1,413	4.13	2,088	3.06
<i>Mystus tengra</i>	Tengra mystus	MGN	40-80	65	0.14	12	0.03	30	0.04
<i>Mystus menoda</i>	Menonda catfish	MGN, H	30-40	45	0.10	28	0.08	32	0.04
	Striped dwarf catfish	MGN	20-30	213	0.47	186	0.54	235	0.34

## Appendix 4 Continued

Fish and crustacean species <sup>1</sup>	Common name	Gears used <sup>2</sup>	Commercial value (INR kg <sup>-1</sup> ) <sup>3</sup>	2001 <sup>4</sup>		2002 <sup>4</sup>		2003 <sup>4</sup>	
				Wt (kg)	%	Wt (kg)	%	Wt (kg)	%
<i>Mytilus vittatus</i>	Rita	MGN, H	50–120	615	1.35	592	1.73	966	1.41
Rita rita									
Sisoridae	Gangetic goonch	MGN	NV	337	0.74	357	1.04	233	0.34
<i>Bagarius yarrelli</i>	Gangetic erethistes	MGN	NV	NS	NS	0	0	NS	NS
<i>Erethistes pusillus</i>	?	MGN	NV	NS	NS	0	0	0	0
<i>Glyptothorax telchitta</i>	Hudda nangra	MGN	NV	205	0.45	240	0.70	81	0.11
<i>Gangra viridescens</i>	Sisor catfish	BN	NV	NS	NS	NS	NS	NS	NS
Sisor rabdophorus									
Chacidae	Indian chaca	MGN	NV	0	0	0	0	NS	NS
Chaca chaca									
Schilbeidae	Gangetic ailia	MGN	40–60	1,608	3.55	494	1.44	681	0.99
<i>Ailia coila</i>	Garua bachcha	MGN, DO	40–80	1,269	2.80	589	1.72	1,067	1.56
<i>Clupisoma garua</i>	Bachwa vacha	MGN, BN	40–80	450	0.99	153	0.44	584	0.85
<i>Entropiichthys vacha</i>	Indian potasi	MGN	WB	1,075	2.37	616	1.80	384	0.56
<i>Pseudotroplus atherinoids</i>	Silonidia vacha	MGN	30–40	53	0.11	17	0.04	15	0.02
Silonia silondia									
Pangasiidae	Pungas	H	50–150	70	0.15	56	0.16	102	0.14
Pangasius pangasius									
Heteropneustidae	Stinging catfish	MGN	40–70	65	0.14	26	0.07	50	0.07
<i>Heteropneustes fossilis</i> <sup>* ab</sup>									
Clariidae	Magur	MGN, H	40–60	3	NS	0	0	0	0
Clarias batrachus									
RAJIFORMES									
Dasyatidae	Feathertail stingray	MGN, H	40–50	9	0.2	0	0	0	0
Pastinachus sephen									
TETRAODONTIFORMES									
Tetraodontidae	Ocellated pufferfish	MGN, BN	NV	1	NS	NS	NS	NS	NS
Tetraodon cutcutia									
Kechki <sup>* a</sup>									
Unidentified									
DECAPODA									
Penaeidae									
Penaeus spp. <sup>* f</sup>									
Palaemonidae									
Macrobrachium spp. <sup>* d</sup>									
Total				45,247		34,140		68,213	

<sup>1</sup>Dolphin prey. Sources for determining prey: a, This study; b, Kasuya & Haque 1972; c, Haque *et al.* 1977; d, Haque & Haque 1992; e, Anderson, 1879; f, Eschricht 1952.

<sup>2</sup>MGN, monofilament gill net; BN, basket net; H, hook & line; CN, carpet net; DO, dolphin oil fishery; MN, mosquito net.

<sup>3</sup>NS, recorded but not significant (< 1 kg or 0.01% of the total sampled catch); NV, no value; WB, commercially valuable in the state of West Bengal but no value locally; 45.80 INR = 1USD in Feb. 2004.

<sup>4</sup>In 2001 fish were sampled for 10 days each month, whereas in 2002–2003 fish were sampled for 5 days each month. For comparative purposes we divided catch weights for 2001 data by half.