

APPENDIX 1: CATCH RECORDS FROM THE SAMPLING SITES AT PATNA

SEASONAL VARIATION IN SPECIES-WISE CATCH AT SELECTED STUDY SITES DURING 1993 - 94

Sl. No	Name of Species	Monsoon Season												Winter Season												Summer Season												Annual Catch	
		I				II				III				IV				I				II				III				IV				TC (kg)	%				
		TC (kg)	%	TC (kg)	%	TC (kg)	%	TC (kg)	%	TC (kg)	%	TC (kg)	%	TC (kg)	%	TC (kg)	%	TC (kg)	%	TC (kg)	%	TC (kg)	%	TC (kg)	%														
1	<i>N. notopterus</i>	0.600	0.00050																										4.700	0.02000	5.300	0.01100							
2	<i>N. chitila</i>	30.400	16.400	6.50	33.300	0.44700	3.30	1.00	23.25	27.75	0.2480	1.50																30.35	31.850	0.13600	112.900	0.24300							
3	<i>G. chapra</i>	37.800	8.800	223.25	269.850	2.26700	2.80	0.50	7.20	1444.50	1455.00	13.0360	2.50	0.900														128.35	132.250	0.56600	1857.100	4.00000							
4	<i>H. ilisha</i>	2.800			2.800	0.02300				274.40	274.40	2.4380	0.50	7.500															28.05	369.050	0.13400	313.250	0.67400						
5	<i>G. marmina</i>	3.900	8.200	4.00	358.40	374.500	3.14600	0.50	0.85	49.90	51.25	0.4390	2.40	6.900														12.45	1926.65	8.34300	2374.150	5.11400							
6	<i>S. t. p. n. sp.</i>	91.250	69.850	7.10	906.30	1074.500	9.02700	10.35	1.00	18.35	1489.55	1519.25	13.6120	178.25	22.300													36.60	4388.65	4625.800	19.80800	7219.550	15.55400						
7	<i>C. catla</i>	108.300	98.150	3.00	638.25	847.700	7.12200																						43.00	43.000	0.18400	890.700	1.91800						
8	<i>C. mrigala</i>	90.900	27.000	4.00	267.00	388.900	3.26700																						11.55	13.850	0.05900	420.400	0.90500						
9	<i>L. rohita</i>	13.300	10.350		232.00	255.650	2.14700																						3.60	3.600	0.01500	263.550	0.56700						
10	<i>L. calbasu</i>	40.225	2.000	0.40	51.25	93.875	0.78800	2.50	0.85	11.55	14.90	0.1330	4.40	10.100														62.30	77.100	0.33200	185.875	0.40100							
11	<i>A. jaya</i>				15.50	15.500	0.13000																						6.65	340.80	349.850	1.49800	369.350	0.79500					
12	<i>A. morar</i>	212.350	87.550	4.90	268.25	573.050	4.81400	224.95	119.35	206.10	1026.80	1577.20	15.9230	249.95	120.000													213.55	4134.10	4717.600	20.20100	6867.850	15.22700						
13	<i>S. bacaila</i>	30.250	28.950	1.00	48.50	108.700	0.91300	44.60	17.05	29.80	159.70	251.15	2.2500	63.60	42.200													63.30	558.05	727.150	3.11300	1087.000	2.34100						
14	<i>L. bata</i>	16.000	2.100		29.20	47.300	0.39700																						80.65	80.650	0.34500	143.650	0.30900						
15	<i>L. gorius</i>	0.350			67.10	67.450	0.56600																						0.40	164.15	166.550	0.71300	234.000	0.50400					
16	<i>C. reba</i>	1.200	0.800		2.000	0.01600																							2.40	2.400	0.01000	9.650	0.02000						
17	<i>C. latius latius</i>	0.100	0.100		0.100	0.00008	7.10	4.00	14.25	29.55	54.90	0.4910		1.500														1.70	3.200	0.01300	58.200	0.12500							
18	<i>C. chagunio</i>				1.00	1.000	0.00080																						0.30	0.300	0.00010	1.300	0.00028						
19	<i>P. sarena</i>																												0.50	1.500	0.00060	1.500	0.00030						
20	<i>P. sophero</i>	22.220	56.660	1.50	267.45	347.830	2.92200	3.80	0.90	15.10	19.80	0.1770	7.50	67.327														28.99	1676.80	1780.617	7.62400	2148.247	4.62800						
21	<i>P. licio</i>	1.000	4.500		7.60	13.100	0.11000																						1.00	161.80	186.600	0.79900	199.700	0.43000					
22	<i>O. colto</i>	3.720	1.300		1.50	6.520	0.05400	0.60	0.50	2.20	3.30	0.0290	0.80	0.100														71.75	72.950	0.31200	82.770	0.17800							
23	<i>A. mola</i>	0.300	0.100		0.400	0.00030																							0.30	2.500	0.01000	2.900	0.00060						
24	<i>C. laubuca</i>																												1.00	1.10	2.100	0.00080	2.100	0.00045					

I - Kurjee, II - Dujra, III - Banaghal, IV - Adalatghat landing sites, TC - Total catch

55	<i>S. cascasia</i>	3.800	12.200	0.20	168.40	184.600	1.55000	127.00	79.20	52.80	387.50	646.50	5.7920	41.85	21.600	11.00	538.50	612.000	2.62400	1444.050	3.11100	
56	<i>Chanda sps</i>									0.10	2.00	2.10	0.0180				16.90	16.900	0.07200	19.000	0.04000	
57	<i>S. coitor</i>	129.250	158.200	5.85	531.75	825.050	6.93100	18.20		7.90	302.00	328.10	2.9390	10.30	65.700	17.25	1373.15	1466.400	6.27900	2619.550	5.64300	
58	<i>A. testudineus</i>			0.05		0.050	0.00004													0.050	0.00001	
59	<i>G. giuris</i>	9.450	5.000	0.30	42.30	57.050	0.47900	1.20	0.20		47.97	49.37	0.4420	1.35	3.850	0.10	42.70	48.000	0.20500	154.420	0.33200	
60	<i>M. armatus</i>	67.450	10.200	5.25	53.00	135.900	1.14100				6.70	6.70	0.0600	24.60	32.100	6.80	49.00	112.500	0.48100	255.100	0.54900	
61	<i>M. aculeatus</i>	0.500	1.200			1.700	0.01400										3.90	3.900	0.01600	5.600	0.01200	
62	<i>M. pancalus</i>	2.900	5.525	0.00	18.00	26.425	0.22200	0.60		0.30	2.10	3.00	0.0260	0.30	1.600	0.60	4.30	6.800	0.02900	36.225	0.07800	
63	<i>T. cutcutia</i>	0.200				0.200	0.00010													0.200	0.00004	
64	<i>T. fluviatilis</i>				0.70	0.700	0.00050														0.700	0.00015
65	Small <i>Macrobrachium</i>	536.820	9.850	7.05	46.35	600.070	5.04100				1.00	1.00	0.0008	5.60	8.800	18.40	35.55	68.350	0.29200	669.420	1.44200	
66	Giant <i>Macrobrachium</i>	19.330	0.350		9.45	29.130	0.24400							0.95	2.200	0.40	29.45	33.000	0.14100	62.130	0.13300	

I - Kurjee, II - Dujra, III - Bansghat, IV - Adalatghat landing sites, TC - Total catch, kg - Kilogram

MONTHLY VARIATION IN SPECIES-WISE CATCH AT SELECTED STUDY SITES DURING 1993 - 94

Sl. No	Name of Species	SEPTEMBER - 1993					OCTOBER - 1993					NOVEMBER - 1993					DECEMBER - 1993				
		I	II	III	IV	TC (kg)	I	II	III	IV	TC (kg)	I	II	III	IV	TC (kg)	I	II	III	IV	TC (kg)
1	<i>N. notopterus</i>	-	-	-	-	-	0.6	-	-	-	0.6	-	-	-	-	-	-	-	-	-	-
2	<i>N. chitala</i>	4.1	1.0	-	-	5.1	18.3	6.7	-	25.0	3.5	-	1.0	-	4.5	-	-	-	23.0	23.0	
3	<i>G. chapra</i>	1.7	5.2	-	-	6.9	27.0	3.1	0.5	30.6	1.8	-	1.5	61.35	64.65	1.0	-	3.7	1108.45	1113.15	
4	<i>H. ilisha</i>	-	-	-	-	-	2.8	-	-	2.8	-	-	-	1.5	1.5	-	-	-	86.75	86.75	
5	<i>G. manmlna</i>	-	-	-	-	-	-	2.9	2.0	4.9	0.5	-	0.35	9.8	10.65	-	-	-	39.4	39.4	
6	<i>Setiplnna Sp.</i>	28.4	8.75	-	-	37.15	26.4	14.5	2.0	27.0	69.9	6.7	0.5	8.55	54.5	70.25	1.4	-	3.5	494.15	499.05
7	<i>C. catla</i>	53.6	89.55	-	-	143.15	40.6	4.6	-	45.2	-	-	-	-	-	-	-	-	-	-	
8	<i>C. mrigala</i>	30.8	21.3	-	-	52.1	48.2	5.7	-	53.9	-	-	-	-	-	-	-	-	13.85	13.85	
9	<i>L. rohita</i>	4.05	0.35	-	-	4.40	9.1	-	-	9.1	-	-	-	4.3	4.3	-	-	-	-	-	
10	<i>L. calbasu</i>	3.15	0.85	-	-	4.0	11.2	-	-	11.2	-	-	-	-	-	-	-	0.7	7.3	8.0	
11	<i>A. jaya</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.0	-	4.0	
12	<i>A. morar</i>	6.3	14.05	-	-	20.35	205.35	60.4	0.4	266.15	29.7	-	14.8	134.75	179.25	55.2	30.45	22.65	394.8	503.1	
13	<i>S. bacalla</i>	2.1	3.55	-	-	5.65	28.15	22.4	-	50.55	7.2	-	4.2	65.45	76.85	23.1	1.25	5.7	63.85	93.9	
14	<i>L. bata</i>	0.6	-	-	-	0.6	1.9	-	-	1.9	-	-	-	-	-	-	-	-	-	-	
15	<i>L. gonius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
16	<i>C. reba</i>	-	0.8	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17	<i>C. latius latius</i>	-	0.1	-	-	0.1	-	-	-	-	0.3	1.5	-	-	1.8	1.7	1.5	14.2	19.3	36.7	
18	<i>C. chagunlo</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
19	<i>P. sarana</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
20	<i>P. sophore</i>	2.5	8.81	-	-	11.31	7.8	19.0	0.3	27.1	1.8	-	0.4	0.5	2.7	2.0	-	0.5	6.1	8.6	
21	<i>P. ticto</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	<i>O. cotio</i>	1.3	0.2	-	-	1.5	2.4	1.1	-	3.5	0.4	-	0.4	-	0.8	0.2	-	0.1	2.0	2.3	
23	<i>A. mola</i>	-	0.1	-	-	0.1	0.3	-	-	0.3	-	-	-	-	-	-	-	-	-	-	
24	<i>C. laubuca</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25	<i>C. atpar</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

I - Kurjee, II - Dujra, III - Banaghat, IV - Adalatghat landing sites, TC - Total catch

26	<i>B. dario</i>	-	0.45	-	-	0.45	0.4	-	-	-	0.4	0.05	-	-	-	0.05	-	-	-	-	
27	<i>B. lohachata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
28	<i>L. guntea</i>	-	0.05	-	-	0.05	-	-	-	-	-	-	-	-	-	0.7	-	0.3	-	1.0	
29	<i>O. pabda</i>	0.3	-	-	-	0.3	0.3	-	-	-	0.3	-	-	-	-	-	-	-	-	-	
30	<i>W. attu</i>	24.8	18.95	-	-	43.75	43.4	13.45	0.1	-	56.95	1.6	0.7	3.5	2.8	8.6	2.5	-	2.0	4.5	
31	<i>M. cavasius</i>	10.9	16.35	-	-	27.25	88.75	4.4	0.3	1.0	94.45	-	0.5	0.9	2.8	4.2	-	-	-	-	
32	<i>M. tengra</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
33	<i>M. vittatus</i>	-	-	-	-	-	-	-	-	-	-	-	1.5	-	1.5	-	-	-	-	-	
34	<i>M. menoda</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
35	<i>A. aor</i>	117.2	87.15	-	-	204.35	272.8	34.05	-	15.8	342.65	33.9	5.7	19.7	70.9	130.2	6.3	-	14.6	88.4	109.3
36	<i>A. seenghala</i>	-	-	-	-	-	-	-	-	-	-	1.6	3.0	4.0	55.75	64.35	0.5	-	-	8.6	9.1
37	<i>R. rita</i>	24.4	49.7	-	-	74.1	31.1	38.7	-	-	69.8	5.5	-	-	3.2	8.7	-	-	-	0.2	0.2
38	<i>B. bagarius</i>	-	2.6	-	-	2.6	34.1	1.0	-	-	35.1	4.0	-	0.2	-	4.2	10.0	-	2.65	2.8	15.45
39	<i>G. cenia</i>	-	-	-	-	-	0.2	-	-	-	0.2	-	-	-	-	-	-	-	-	-	-
40	<i>G. telchitta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	<i>N. punctata</i>	0.05	0.2	-	-	0.25	1.7	-	0.4	8.4	10.5	-	-	0.35	7.35	7.70	20.35	-	8.5	323.7	352.55
42	<i>A. colla</i>	16.3	7.9	-	-	24.2	43.8	16.9	1.0	17.0	78.7	48.65	8.7	17.2	388.2	462.75	132.2	23.25	62.8	1418.35	1636.6
43	<i>C. garua</i>	60.35	183.1	-	-	243.45	41.9	13.4	-	-	55.3	18.0	18.5	12.15	23.55	72.2	10.4	-	4.8	45.75	56.15
44	<i>E. vacha</i>	7.45	9.9	-	-	17.35	243.4	234.3	3.5	-	481.2	18.95	23.1	8.55	74.0	124.6	8.8	2.5	1.5	47.5	60.3
45	<i>E. murius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	<i>P. athenoids</i>	3.5	9.0	-	-	12.5	14.0	21.0	-	3.0	38.0	-	-	0.8	-	0.8	-	-	-	-	-
47	<i>S. silondia</i>	0.4	0.3	-	-	0.7	10.15	0.4	-	6.0	16.55	0.3	-	0.9	-	1.2	-	-	-	0.2	0.2
48	<i>H. fossilis</i>	1.25	0.6	-	-	1.85	9.0	-	-	-	9.0	-	-	-	-	-	-	-	-	-	-
49	<i>C. batrachus</i>	-	-	-	-	-	0.8	-	-	-	0.8	-	-	-	-	-	-	-	-	-	-
50	<i>C. marulius</i>	1.5	-	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	1.5
51	<i>C. striatus</i>	0.25	-	-	-	0.25	6.0	-	-	-	6.0	-	-	-	-	-	-	-	-	-	-
52	<i>C. punctatus</i>	8.2	2.35	-	-	10.55	23.85	1.1	0.3	6.5	31.75	-	-	3.0	0.2	3.2	-	-	-	-	-
53	<i>X. canila</i>	-	0.15	-	-	0.15	-	0.2	-	-	0.2	-	-	-	-	-	-	-	-	-	-
54	<i>R. corsula</i>	3.0	0.4	-	-	3.4	7.2	-	-	7.5	14.7	2.8	-	16.55	7.3	26.65	-	-	-	-	-
55	<i>S. cascasia</i>	-	3.3	-	-	3.3	3.8	0.2	0.2	8.7	12.9	4.5	-	12.4	7.8	24.7	8.4	7.2	18.6	171.0	205.2

I - Kurjee, II - Dujra, III - Bansghat, IV - Adalatghat landing sites, TC - Total catch

Sl. No	Name of Species	JANUARY - 1994					FEBRUARY - 1994					MARCH - 1994					APRIL - 1994				
		I	II	III	IV	TC(kg)	I	II	III	IV	TC(kg)	I	II	III	IV	TC(kg)	I	II	III	IV	TC(kg)
1	<i>N. notopterus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	<i>N. chitala</i>	-	-	-	0.25	0.25	-	-	-	-	-	-	-	18.5	18.5	-	-	-	-	-	
3	<i>G. chapra</i>	-	0.5	1.5	236.75	238.75	-	-	0.5	37.95	38.45	2.5	0.2	-	21.45	24.15	-	0.7	0.5	75.3	76.5
4	<i>H. ilisha</i>	-	-	-	132.8	132.8	-	-	-	53.35	53.35	-	-	-	2.0	2.0	-	7.5	-	5.7	13.2
5	<i>G. manmlna</i>	-	-	-	-	-	-	-	0.5	0.7	1.2	0.3	-	-	5.0	5.3	-	-	1.0	33.5	34.5
6	<i>Setipinna sp.</i>	0.5	-	6.0	441.85	448.35	1.75	0.5	0.3	499.05	501.6	2.15	-	0.5	350.0	352.65	14.6	1.7	9.35	752.15	777.8
7	<i>C. catla</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	35.0	35.0	-	-	-	-	-
8	<i>C. mrigala</i>	-	-	-	3.8	3.8	-	-	-	-	-	-	-	-	3.85	3.85	-	-	-	-	-
9	<i>L. rohita</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	2.5	-	-	-	1.1	1.1
10	<i>L. calbasu</i>	-	-	-	1.8	1.8	2.5	-	0.15	2.45	5.1	0.2	-	-	17.25	17.45	-	-	0.3	11.6	11.9
11	<i>A. jaya</i>	-	-	-	-	-	-	-	-	-	-	1.0	1.0	-	37.0	39.0	0.2	-	2.65	172.8	173.65
12	<i>A. morar</i>	63.0	40.1	119.15	183.4	405.65	77.05	48.8	49.5	313.85	489.2	221.65	82.0	97.95	1072.4	1474.0	6.0	24.0	45.55	1237.1	1312.65
13	<i>S. bacalla</i>	12.6	13.5	15.0	3.5	44.6	1.7	2.3	4.9	26.9	35.8	41.1	24.8	11.5	41.95	119.35	2.5	-	11.4	359.9	373.8
14	<i>L. bata</i>	-	-	-	-	-	-	-	-	15.7	15.7	-	-	-	25.15	25.15	-	-	-	3.7	3.7
15	<i>L. gonius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	0.4	7.4	9.8
16	<i>C. reba</i>	-	-	-	-	-	-	-	-	5.25	5.25	-	-	-	2.4	2.4	-	-	-	-	-
17	<i>C. latius latius</i>	5.1	1.0	-	3.0	9.1	-	-	0.05	7.25	7.3	-	-	-	1.0	1.0	-	-	-	-	-
18	<i>C. chagunlo</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	0.3
19	<i>P. sarana</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	1.0
20	<i>P. sophore</i>	-	-	-	2.65	2.65	-	-	-	5.85	5.85	1.6	2.2	5.64	7.2	16.64	0.2	1.3	1.3	143.7	146.5
21	<i>P. ticto</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	<i>O. cotio</i>	-	-	-	-	-	-	-	-	0.2	0.2	0.1	0.1	0.1	37.65	37.95	-	-	-	20.5	20.5
23	<i>A. mola</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	2.0	2.5
24	<i>C. laubuca</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1
25	<i>C. atpar</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	<i>B. dario</i>	-	-	-	1.55	1.55	-	-	-	0.6	0.6	-	-	0.1	0.4	0.5	-	-	-	-	-
27	<i>B. lohachata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	<i>L. guntea</i>	0.4	-	-	1.2	1.6	-	-	-	-	-	-	-	0.3	-	0.3	-	-	-	-	-

I - Kurjee, II - Dujra, III - Banaghat, IV - Adalatghat landing sites, TC - Total catch

SL No	Name of Species	MAY - 1994					JUNE - 1994					JULY - 1994					AUGUST - 1994				
		I	II	III	IV	TC(kg)	I	II	III	IV	TC(kg)	I	II	III	IV	TC(kg)	I	II	III	IV	TC(kg)
1	<i>N. notopterus</i>	-	-	-	4.7	4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	<i>N. chitala</i>	-	-	-	4.25	4.25	1.5	-	-	7.6	9.1	7.8	8.7	-	4.0	20.5	0.2	-	-	2.5	2.7
3	<i>G. chapra</i>	-	-	-	10.6	10.6	-	-	-	21.0	21.0	9.1	0.4	-	195.25	204.75	-	0.1	-	27.5	27.6
4	<i>H. ilsha</i>	0.5	-	-	20.35	20.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	<i>G. manmlna</i>	0.1	3.2	8.2	995.35	1006.85	2.0	3.7	3.25	892.8	901.75	3.9	5.3	-	318.8	328.0	-	-	2.0	19.6	41.6
6	<i>Setipinna sp.</i>	67.9	2.2	21.25	2193.15	2284.5	93.6	18.4	5.5	1093.35	1210.85	11.25	30.1	0.1	582.35	628.8	25.2	16.5	5.0	296.95	343.65
7	<i>C. calla</i>	-	-	-	8.0	8.0	-	-	-	-	-	-	-	-	600.0	600.0	14.1	4.0	3.0	18.25	39.35
8	<i>C. mrigala</i>	1.6	-	-	6.3	7.9	0.7	-	-	1.4	2.1	4.8	-	-	211.4	216.2	7.1	-	4.0	55.6	66.7
9	<i>L. rohita</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	200.0	200.0	0.15	10.0	-	32.0	42.15
10	<i>L. calbasu</i>	3.0	1.0	-	6.65	10.65	1.2	9.1	-	26.8	37.1	7.5	0.15	0.4	20.25	28.3	18.38	1.0	-	31.0	50.18
11	<i>A. jaya</i>	-	0.2	4.0	51.0	55.2	-	-	-	80.0	80.0	-	-	-	15.0	15.0	-	-	-	0.5	0.5
12	<i>A. morar</i>	12.0	9.3	61.85	1183.85	1267.0	10.3	4.7	8.2	640.75	663.95	0.7	10.6	2.5	184.25	198.05	-	2.5	2.0	84.0	88.5
13	<i>S. bacalla</i>	6.5	1.3	24.4	69.0	101.2	13.5	16.1	16.0	87.2	132.8	-	3.0	-	25.0	28.0	-	-	1.0	23.5	24.5
14	<i>L. bata</i>	-	-	-	41.3	41.3	-	-	-	10.5	10.5	8.75	2.1	-	29.2	40.05	4.75	-	-	-	4.75
15	<i>L. gonius</i>	-	-	-	77.1	77.1	-	-	-	79.65	79.65	0.35	-	-	67.1	67.45	-	-	-	-	-
16	<i>C. reba</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-	1.2
17	<i>C. latius latius</i>	-	-	-	-	-	-	1.5	-	0.7	2.2	-	-	-	-	-	-	-	-	-	-
18	<i>C. chagunlo</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	1.0	-	-	-	-	-
19	<i>P. sarana</i>	-	-	0.5	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	<i>P. sophore</i>	2.1	13.5	20.45	629.2	665.25	3.6	50.33	1.6	896.7	952.23	10.85	24.35	1.2	253.15	289.55	1.07	4.5	-	14.3	19.87
21	<i>P. ticto</i>	0.4	6.0	1.0	7.85	15.25	3.3	14.1	-	153.95	171.35	1.0	4.5	-	7.6	13.1	-	-	-	-	-
22	<i>O. colio</i>	-	-	-	2.35	2.35	0.7	-	0.2	11.25	12.15	0.02	-	-	1.5	1.52	-	-	-	-	-
23	<i>A. mola</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	<i>C. laubuca</i>	-	-	1.0	1.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	<i>C. atpar</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	1.2	-	-	1.5
26	<i>B. dario</i>	-	-	0.3	2.0	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	<i>B. lohachata</i>	-	-	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	<i>L. guntea</i>	0.4	5.0	-	-	5.4	0.3	-	-	-	0.3	-	-	-	-	-	-	-	-	-	-
29	<i>O. pabda</i>	-	-	-	-	-	-	-	-	-	-	0.05	-	-	-	0.05	-	-	-	-	-

I - Kurjee, II - Dujra, III - Bunsghat, IV - Adalaghat landing sites, TC - Total catch

30	<i>W. attu</i>			2.25	2.25	1.9				3.1	5.0	32.1	32.1		64.2	59.5	3.6		14.95	78.05	
31	<i>M. cavasius</i>	2.0		5.8	7.8	74.3	19.2		69.85	163.35	81.0	4.2	10.9	86.5	172.6	24.9			23.3	48.2	
32	<i>M. tengra</i>	8.0	6.0	0.75	3.55	18.3	24.8	14.0	0.2	41.2	79.2	10.0		9.2	19.2	3.8			6.05	9.85	
33	<i>M. vittatus</i>	7.7	8.85	3.9	4.75	25.2										6.28	1.5			7.78	
34	<i>M. menoda</i>				1.0	1.0															
35	<i>A. aor</i>	25.8	10.5	1.6	30.4	68.3	28.0	14.2	0.5	46.55	89.25	187.5	29.25	8.7	91.65	317.1	226.83	19.7	3.1	111.3	360.93
36	<i>A. seenghala</i>	22.1	7.7		11.75	41.55	55.3	37.4		51.5	144.2	20.3	2.95	2.6	97.85	123.7	50.85	3.0	0.25	49.1	103.2
37	<i>R. rita</i>	2.5			6.65	9.15	2.9	14.0		1.7	18.6	46.3	64.09	4.7	7.5	122.59	22.4	128.2	4.2	37.1	191.9
38	<i>B. beqarius</i>	1.2	1.5		1.2	3.9				5.5	5.5		1.0	0.5		1.5	0.9	2.1		7.8	10.8
39	<i>G. cenla</i>	7.3			1.0	66.0	74.3	8.8	1.8		16.6										
40	<i>G. teichitta</i>				5.0	5.0															
41	<i>N. punctata</i>																				
42	<i>A. colla</i>	161.95	5.4		52.8	220.15	64.3	62.55	1.0	4.1	131.95	0.6	7.6	0.8	53.0	62.0	49.1	17.0	5.0	84.5	155.6
43	<i>C. garua</i>	344.35	39.55	62.3	395.9	842.1	368.0	42.6	28.4	334.4	773.4	114.55	55.6	29.05	476.0	675.0	30.55	175.8		265.4	471.75
44	<i>E. vacha</i>	70.5	1.9	14.8	86.9	174.1	69.5	6.3	8.1	84.2	168.1	3.6	2.0	0.3	1.0	6.9	2.75	1.0		3.65	7.4
45	<i>E. murius</i>	1.0	0.5	1.8	11.95	15.25															
46	<i>P. athenoides</i>				0.5	0.5		1.0			1.0		2.8	0.5		3.3	0.4	4.3			4.7
47	<i>S. silondia</i>							8.9			8.9	0.3	6.0		353.6	359.5	9.5	4.1		13.0	26.6
48	<i>H. fossilis</i>									0.5	0.5	0.2			1.0	1.2	0.7	0.2		1.1	2.0
49	<i>C. batrachus</i>									0.6	0.6									1.7	1.7
50	<i>C. marulius</i>						2.7	4.5		1.0	8.2	9.95			4.4	14.35	2.6		2.5	5.1	
51	<i>C. striatus</i>						1.3	1.0		2.1	4.4	14.03			4.15	18.18			0.2	0.2	
52	<i>C. punctatus</i>											5.7				5.7	11.5				11.5
53	<i>X. cancla</i>				1.0	1.0				6.6	6.6				13.0	13.0			1.0	1.0	
54	<i>R. corsula</i>				3.5	43.05	46.55		3.0	1.5	6.0							5.0		5.0	
55	<i>S. cascasia</i>		0.5	3.5	147.0	151.0		5.0	3.0	306.0	314.0		5.7		100.7	106.4		3.0		59.0	62.0
56	<i>Chanda sps</i>				3.6	3.6				0.2	0.2										
57	<i>S. color</i>			6.5	704.15	710.65	8.9	61.8	6.45	539.8	616.95	0.75	76.35	5.85	504.85	587.8	7.4	33.65		26.9	67.95
58	<i>A. testudineus</i>													0.05		0.05					
59	<i>G. giuris</i>		1.25		6.45	7.7	0.7	0.5		5.0	6.2	7.2	2.9		42.3	52.4	0.8	1.1			1.9

I - Kurjee, II - Dujra, III - Bansghat, IV - Adalghat landing sites, TC - Total catch

60	<i>M. armatus</i>	-	0.5	-	0.7	1.2	22.5	15.0	-	37.9	75.4	39.95	4.1	5.0	44.1	93.2	11.3	2.4	0.25	8.85	22.8
61	<i>M. aculeatus</i>	-	-	-	2.5	2.5	-	-	-	-	-	-	-	-	-	-	0.5	1.2	-	-	1.7
62	<i>M. pancalus</i>	-	-	-	-	-	-	1.2	-	1.3	2.5	0.3	3.53	-	12.6	16.43	0.1	0.5	-	2.9	3.5
63	<i>T. cutcutia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
64	<i>T. fluviatilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	0.7
65	Small <i>Macrobrachium</i>	-	-	-	13.35	13.35	5.6	8.8	17.2	15.6	47.2	372.82	2.35	7.05	45.35	427.57	123.55	2.8	-	1.0	127.35
66	Glant <i>Macrobrachium</i>	0.7	1.3	0.4	13.85	16.25	0.25	0.9	-	12.35	13.5	15.38	0.35	-	8.1	23.83	2.85	-	-	1.35	4.2

I - Kurjee, II - Dujra, III - Bansghat, IV - Adalatghat landing sites, TC - Total catch, kg - Kilogram

APPENDIX 2: FISHING GEARS USED IN THE PATNA REGION

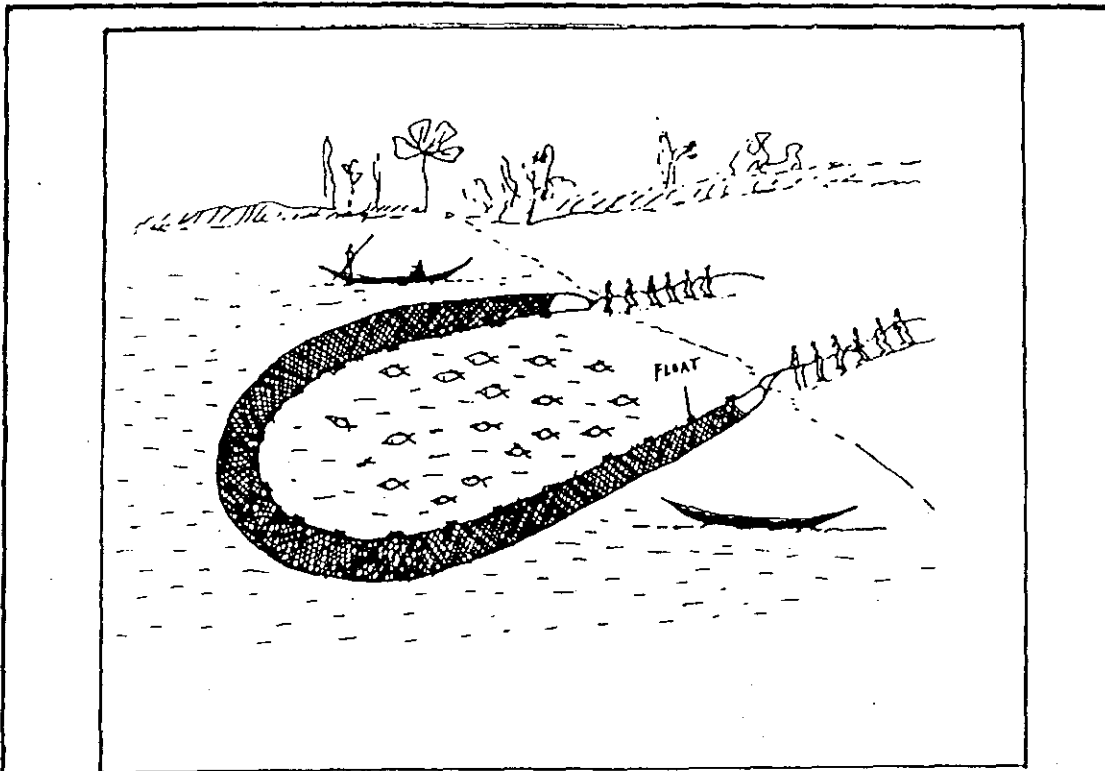


FIG — CHATTJAL (A DRAGNET)

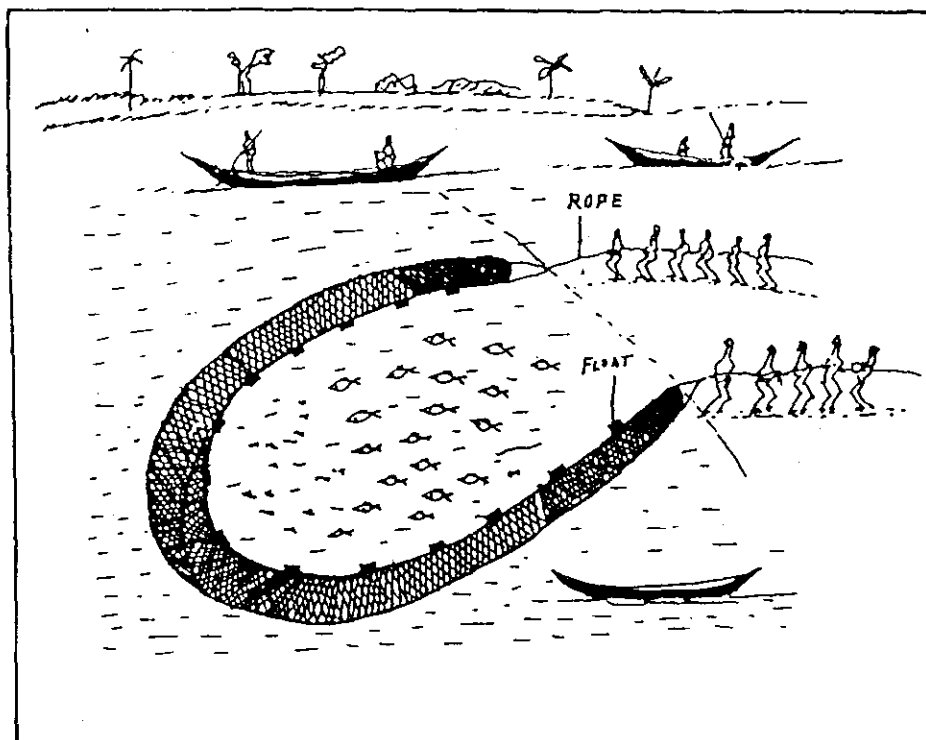


FIG — BARSATIJAL (A DRAGNET)

SHABIH

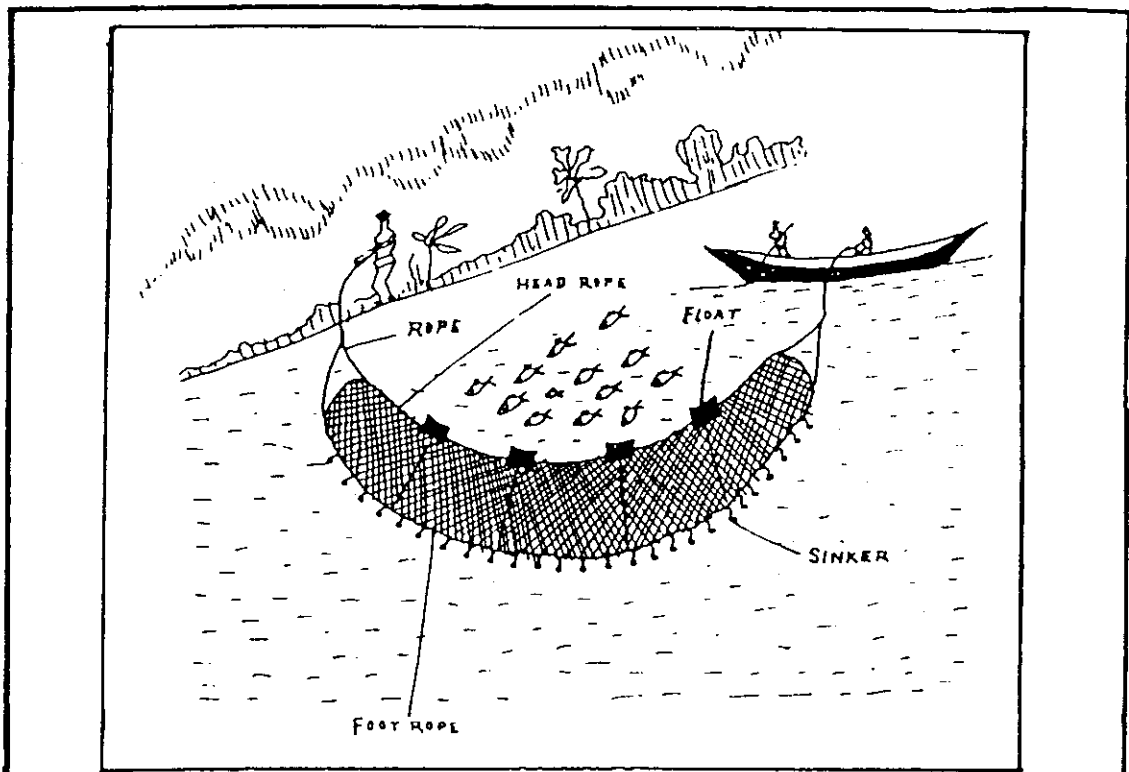


FIG — CHHANTIJAL (A SIMPLE DRAGNET)

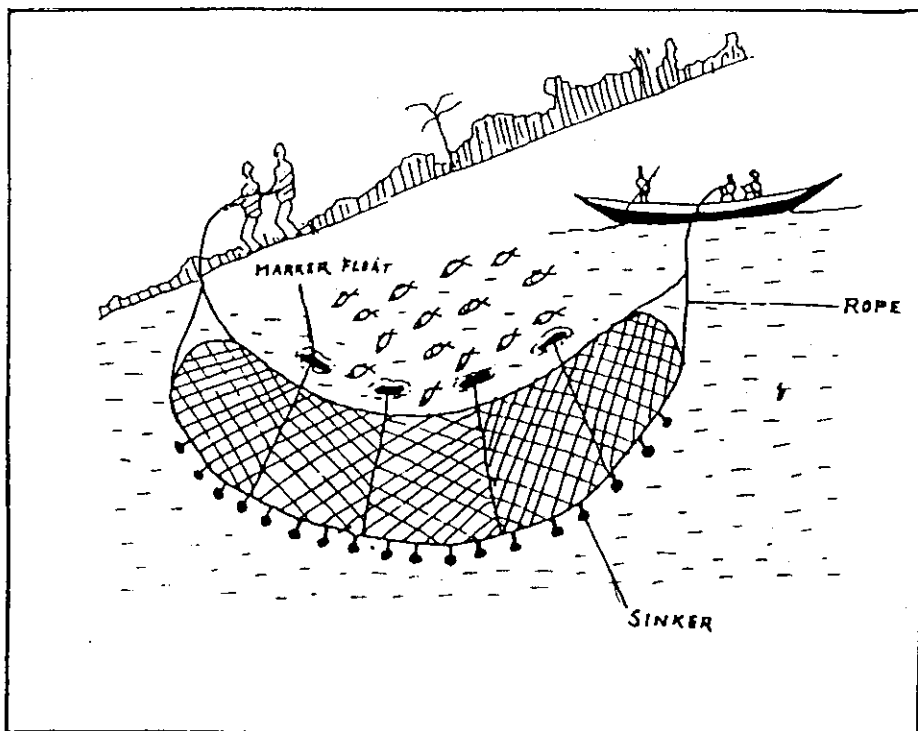


FIG — JHARALKA CHHANTIJAL (SDN)

SHABIH

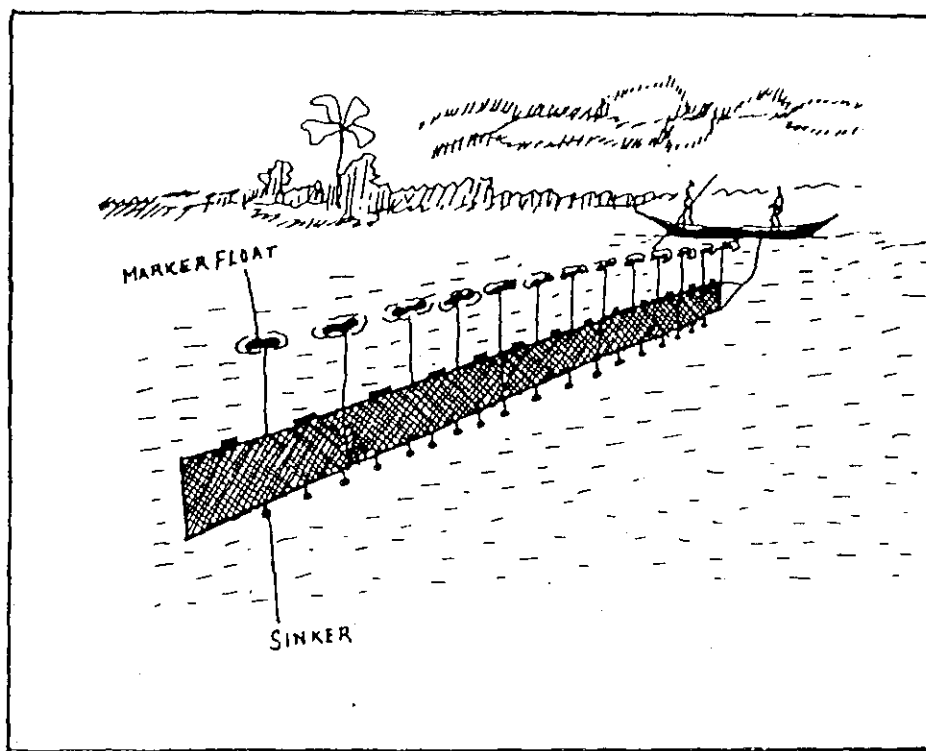


FIG — DHERIJAL (A GILL NET)

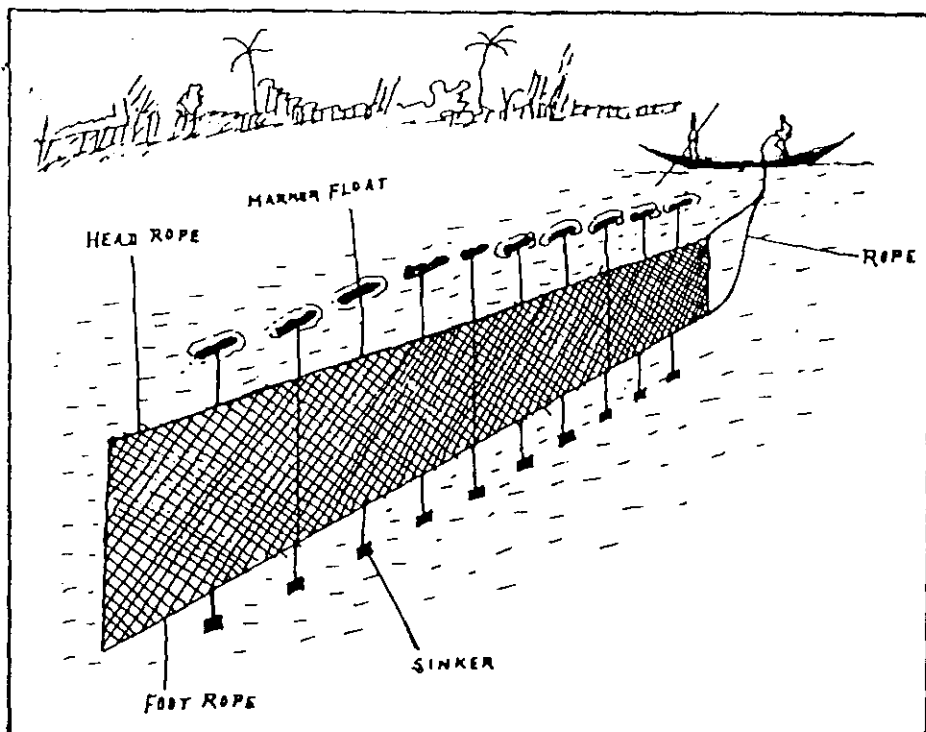


FIG — CURRENTJAL (A GILL NET)

SHABIH AND NESHAH

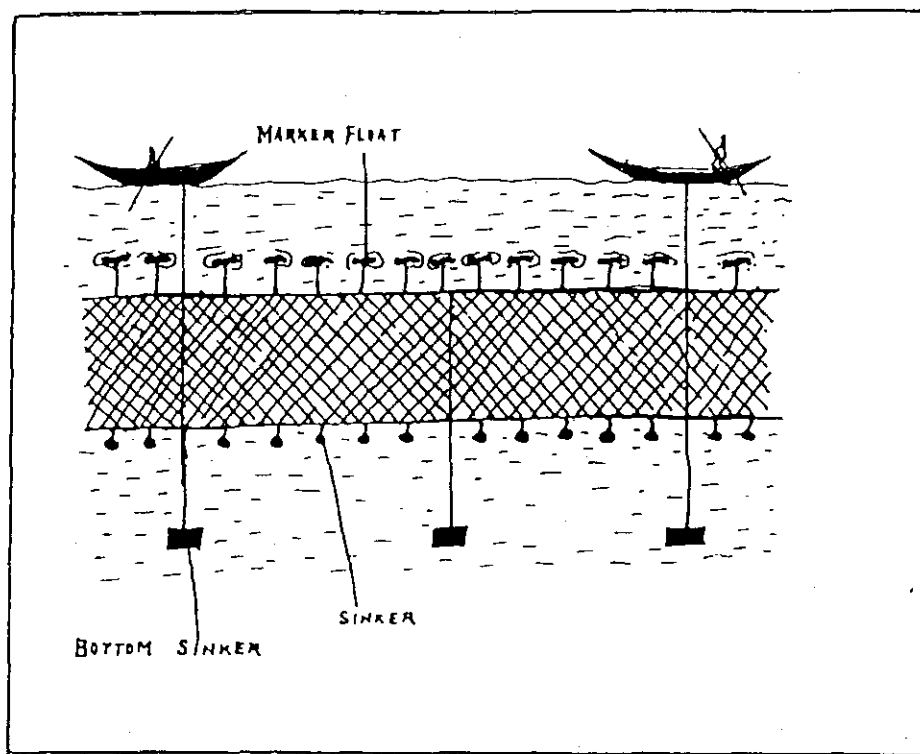


FIG — CHAONDHITAL (A FLOATING GILL NET)

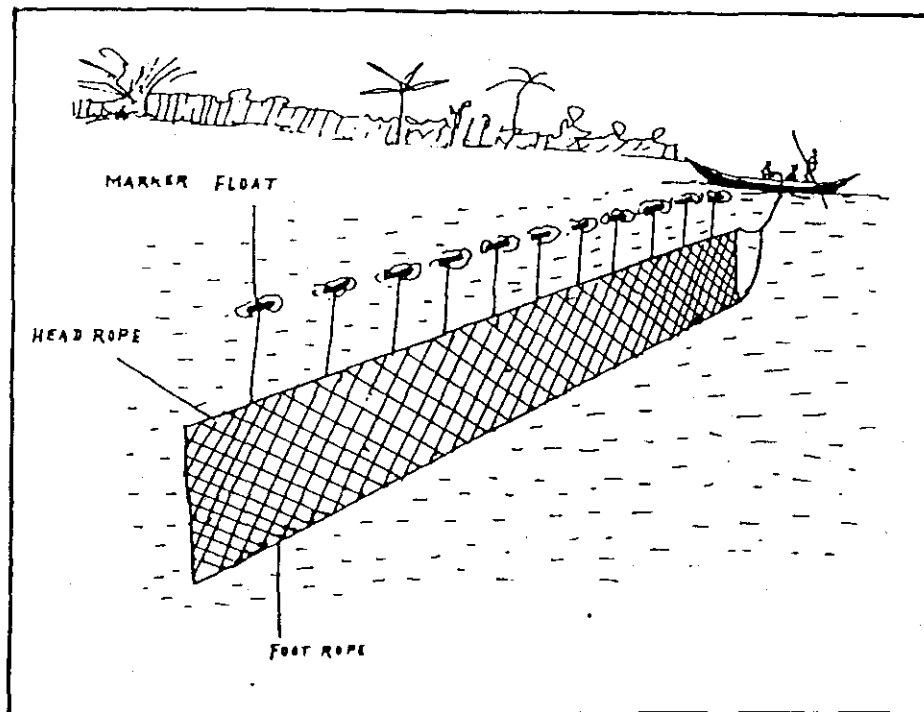


FIG — BHANSAJAL (A GILL NET)

SHABIH AND NESHTAT

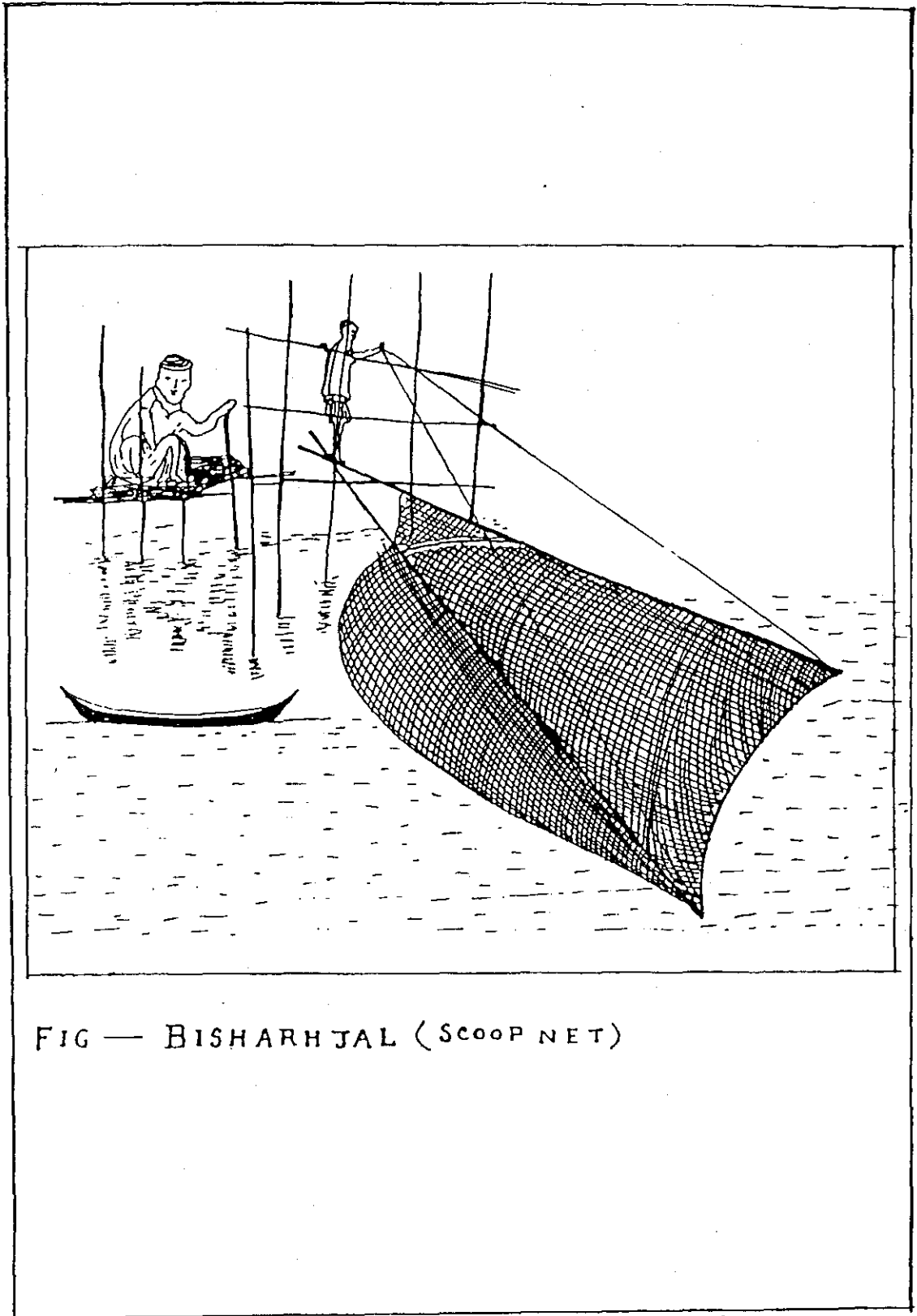


FIG — BISHARHJAL (SCOOP NET)

SHABIH

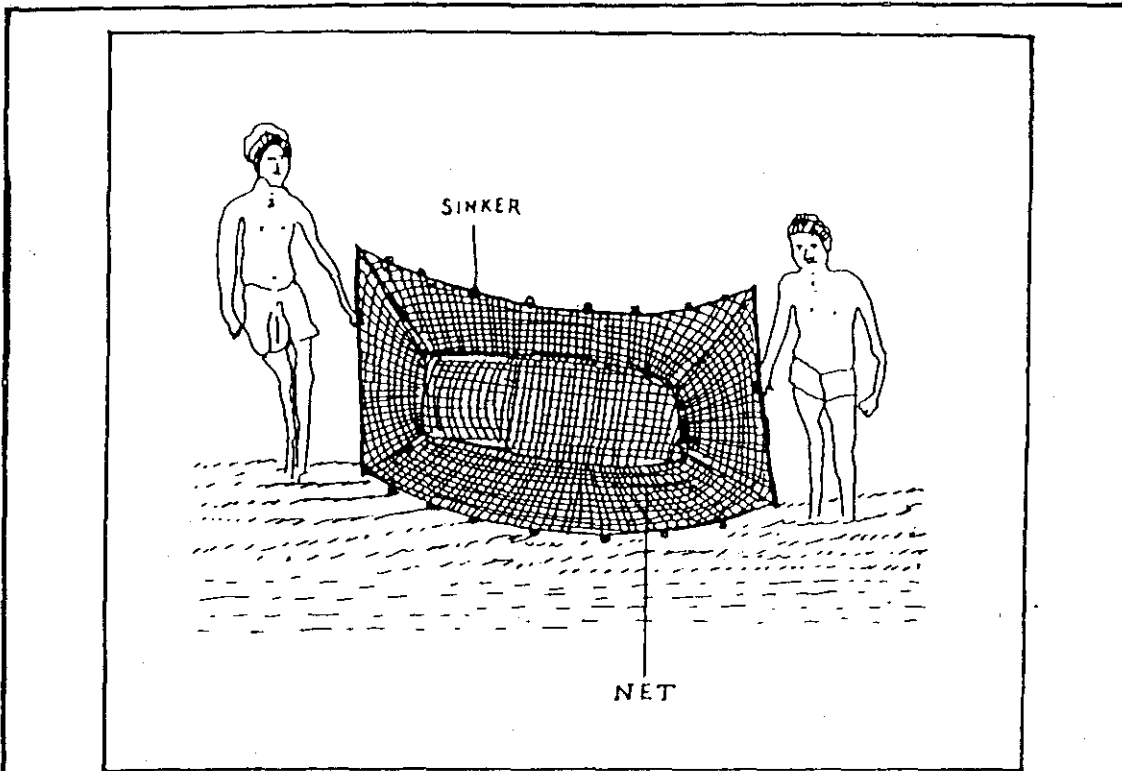


FIG — DONDIJAL (A LIFT NET)

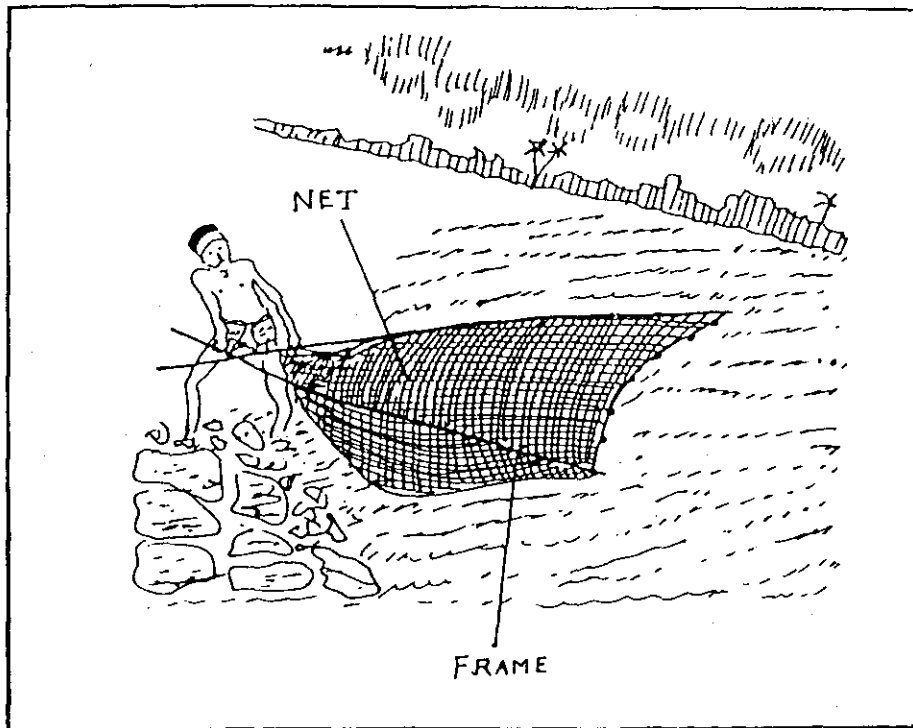


FIG — PELNIJAL (A LIFT NET)

SHABIH AND NESHAT

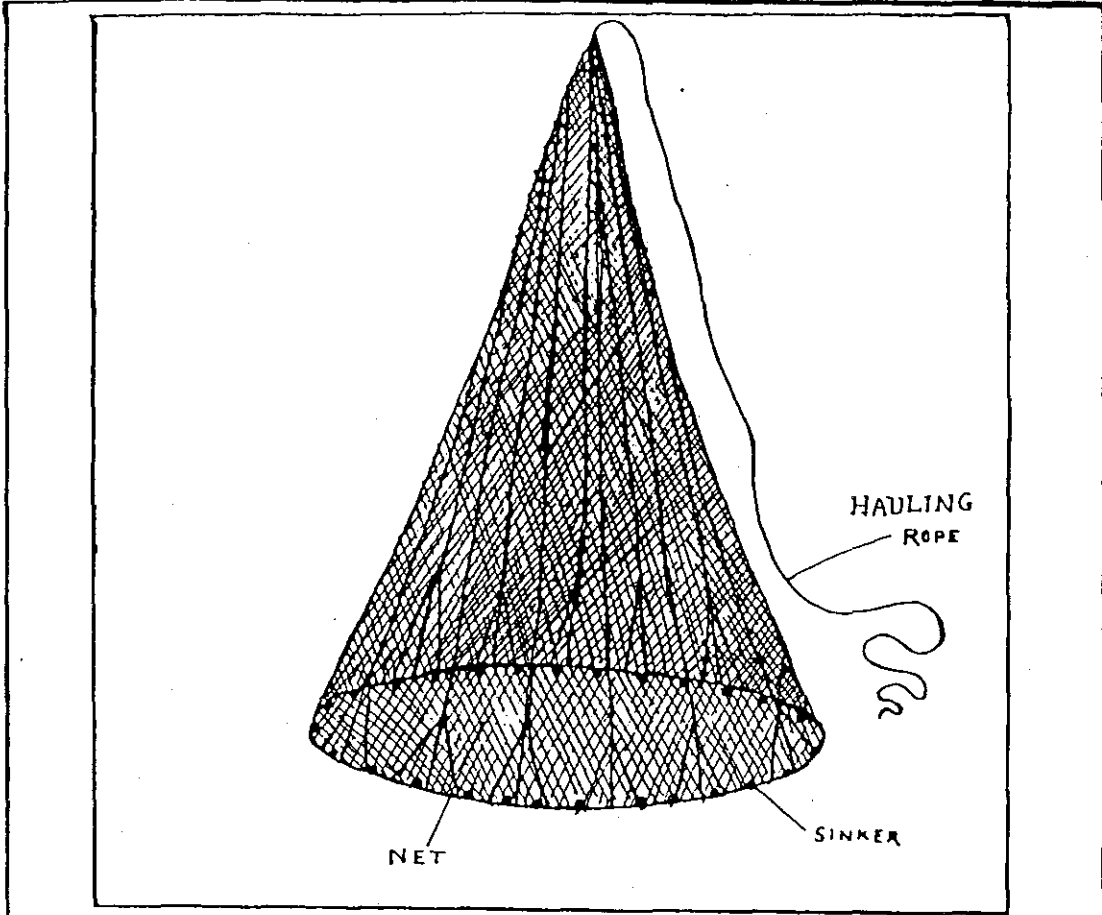


FIG — PHEKAILJAL (A CAST NET)

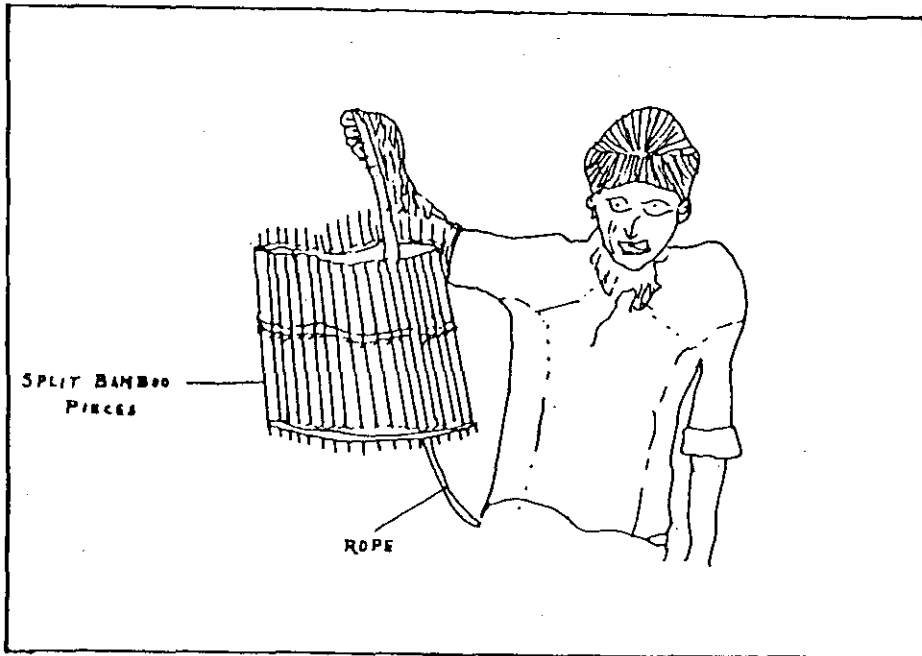


FIG — JHANGIJAL (A CAST NET)

SHABIH

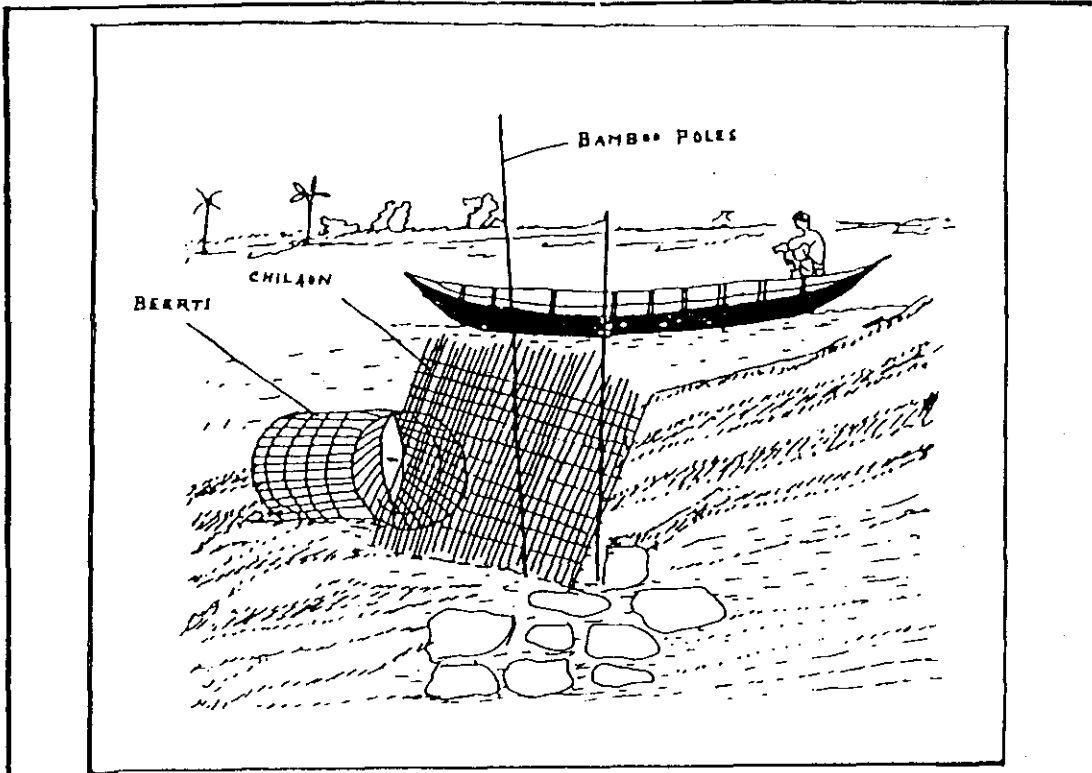


FIG.—BEERTI-CHILAN (BAMBOO-TRAP)

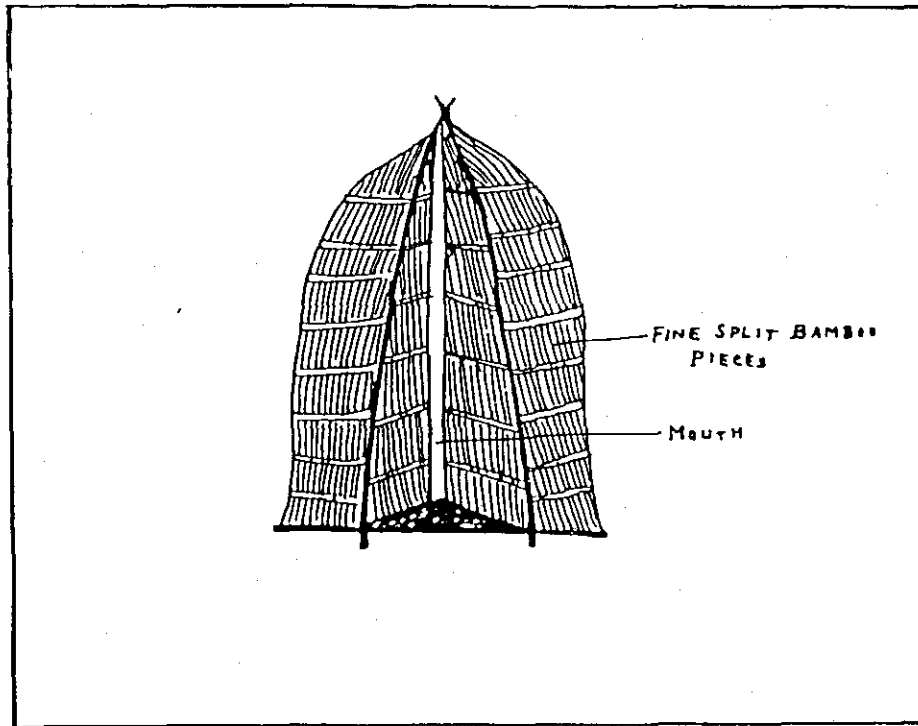


FIG:—KORWAL (FINE-BAMBOO-TRAP)

SHABIH

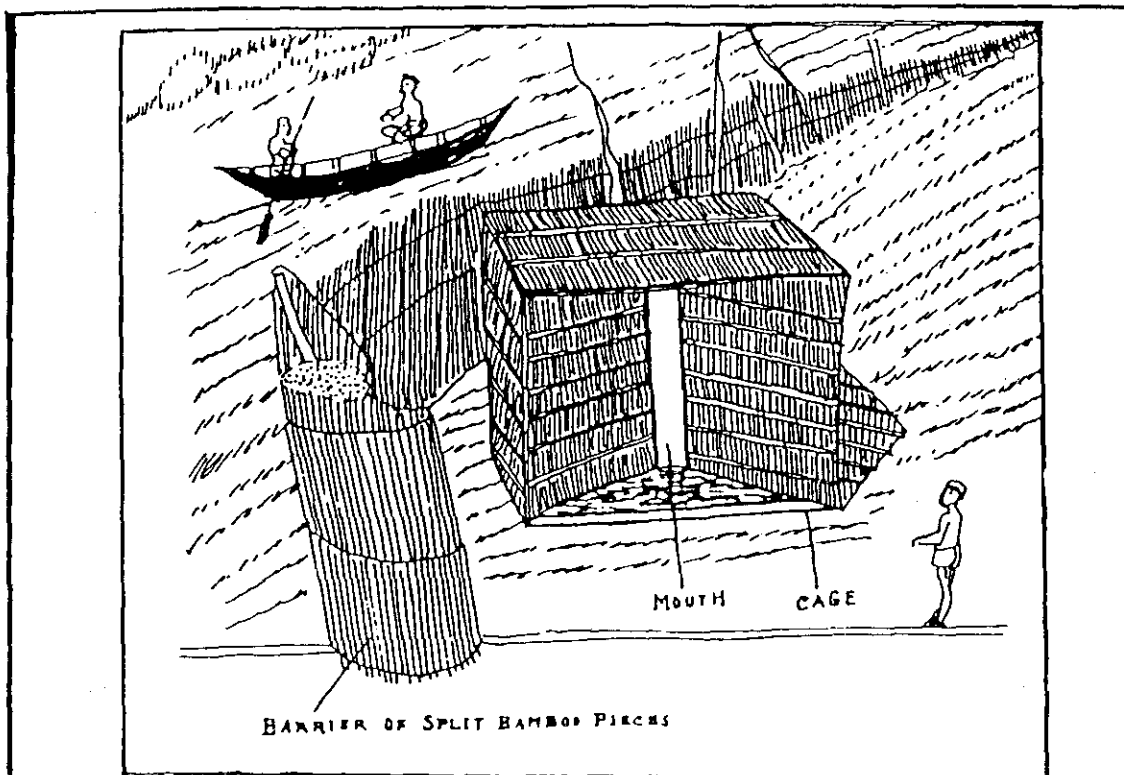


FIG:—BARIJAL-PINJRA (BARRIER-TRAP WITH CAGE)

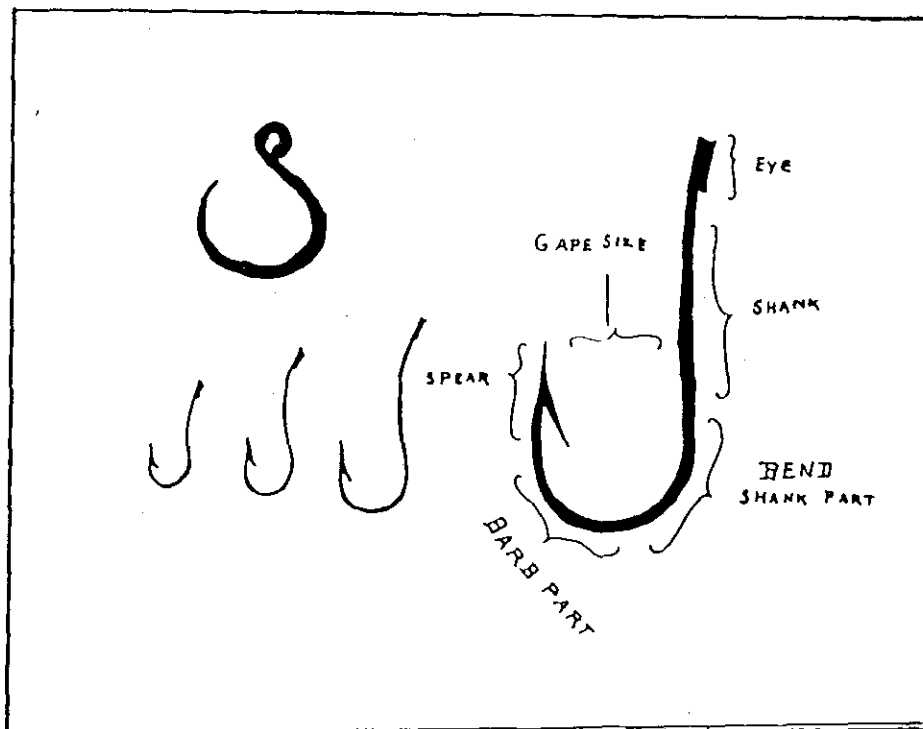


FIG:—BANSI (A KIND OF HOOKS)

SHABIH

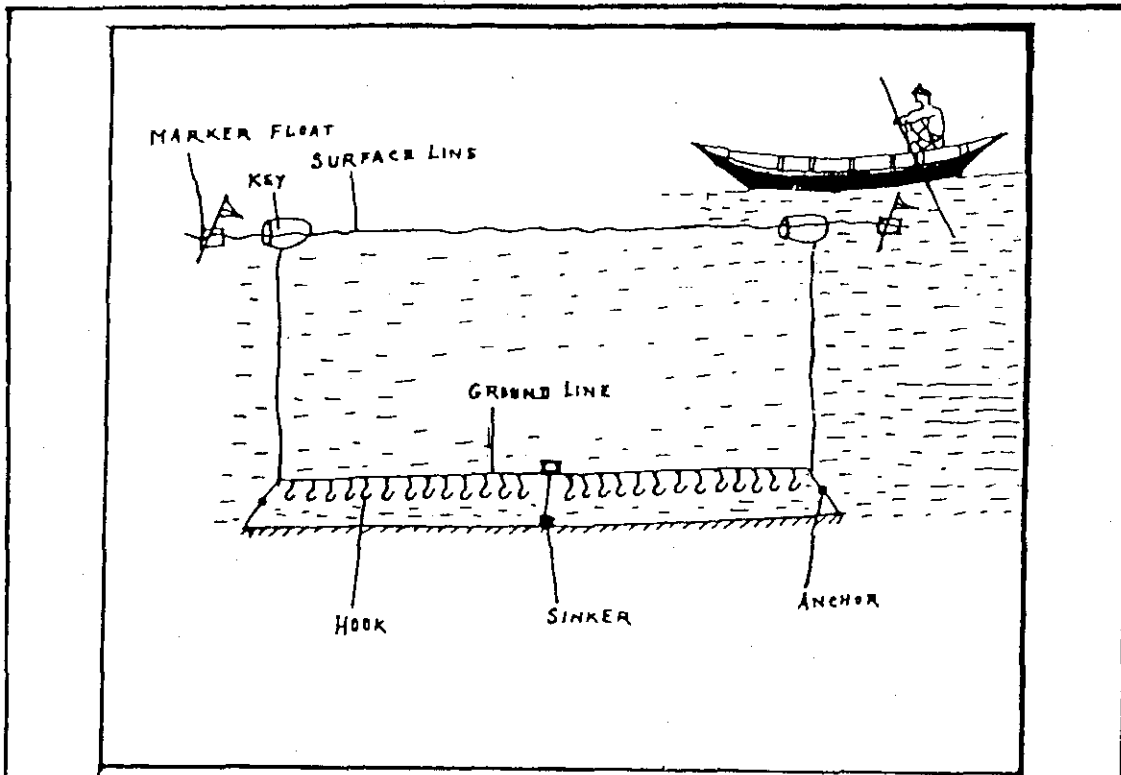


FIG.—BANSI-DONI (A LONG LINE.)

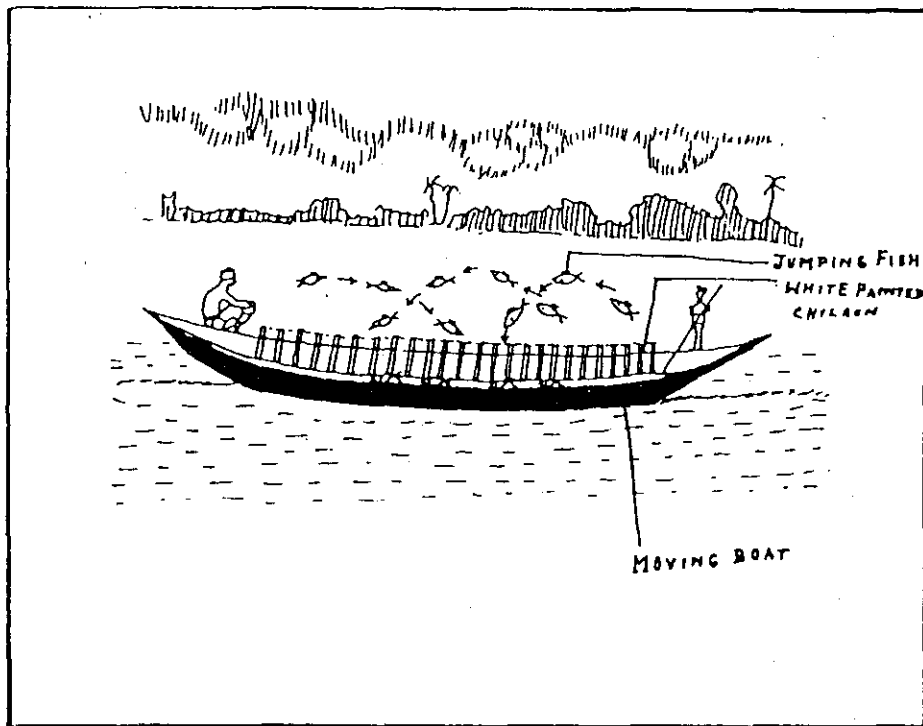


FIG.—KHOLNAI-DENGI (WHITE SHALLOP-TRAP)

SHABIH

APPENDIX 3: HYDROLOGICAL DATA FROM THE ALLAHABAD REGION

HYDROLOGICAL AND CHEMICAL DATA

AUGUST 1994

Sampling Stations	MEHDORI			RASOOLABAD			SHIVKUTI			DARAGANJ			SANGAM			SADIAPUR			GAUGHAT			
Parameters	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	
Air Temp. (°C)	27.6	32.5	30.1	27.9	29.0	28.5	27.5	26.6	27.0	28.6	<u>26.0</u>	27.3	<u>32.6</u>	30.6	31.6	27.7	28.3	28.0	29.4	29.3	29.3	
Water Temp. (°C)	29.3	29.1	29.2	29.1	28.8	28.8	29.2	29.1	29.1	29.3	28.6	28.9	<u>29.8</u>	29.7	29.7	<u>28.1</u>	28.9	28.5	28.6	29.6	29.1	
pH	8.0	7.9	8.0	<u>8.5</u>	7.7	8.1	7.8	<u>7.7</u>	7.8	7.7	<u>7.6</u>	7.6	7.7	7.9	7.8	7.7	7.6	7.7	7.8	7.6	7.7	
Conductivity (µS)	212	212	213.5	197.9	211	204.4	202	208	205	208	226	217	235	245	240	<u>151.6</u>	<u>260</u>	205.8	171.3	256	213.6	
D.O. (ppm)		5.4	5.4		6.1	6.1	5.6	5.6	5.6	<u>6.3</u>	5.0	5.6	4.4	<u>4.0</u>	4.2	5.8	6.0	5.9	6.0	6.1	6.0	
Water level							<u>279</u>	<u>266</u>	<u>272.5</u>													

HYDROLOGICAL AND CHEMICAL DATA

SEPTEMBER 1994

SAMPLING STATIONS	MEHDORI			RASOOLABAD			SHIVKUTI			DARAGANJ			SANGAM			SADIAPUR			GAUGHAT		
	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN
Air Temp. (°C)	26.3	28.3	27.3	27.8	28.2	28.0	28.1	26.8	27.5	<u>31.3</u>	26.7	29.0	28.8	27.1	27.9	27.4	<u>25.4</u>	26.4	27.8	26.4	27.1
Water Temp. (°C)	<u>26.4</u>	28.8	27.6	28.9	28.7	28.8	28.5	28.5	28.5	<u>30.1</u>	27.4	28.7	29.3	27.6	28.5	29.0	27.8	28.4	29.1	28.1	28.6
pH	7.6	<u>7.3</u>	7.5	8.0	7.8	7.9	7.7	<u>8.0</u>	7.9	7.6	7.5	7.6	7.6	7.6	7.6	7.8	7.9	7.9	7.6	7.7	7.6
Conductivity (µS)	240	258	249	211	256	233.5	<u>203</u>	254	228.5	232	253	242.5	214	223	218.5	311	<u>373</u>	342	261	370	315.5
D.O. (ppm)	5.6	7.0	6.3	6.2	6.5	6.3	8.0	<u>7.3</u>	7.6	6.1	6.6	6.3	<u>4.5</u>	4.9	4.7	7.5	7.9	7.7	<u>10.0</u>	8.7	9.3
Water level							<u>264</u>	258	261									259	<u>247</u>	253	

HYDROLOGICAL AND CHEMICAL DATA

OCTOBER 1994

SAMPLING STATIONS	MEHDORI			RASOOLABAD			SHIVKUTI			DARAGANG			SANGAM			SADIABUR			GAUGHAT		
	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN
Air Temp. (° C).	26.3	24.6	25.4	27.1	23.9	25.5	<u>28.2</u>	24.3	26.2	25.7	26.1	25.9	25.1	26.0	25.5	25.1	<u>21.8</u>	23.4	24.5	23.7	24.1
Water Temp. (° C)	<u>27.6</u>	24.9	26.2	26.9	<u>24.8</u>	25.8	<u>27.7</u>	25.1	26.4	25.3	25.4	25.3	24.9	26.4	25.6	26.8	25.8	26.3	26.7	<u>23.5</u>	25.1
pH	8.1	8.0	8.1	8.0	8.0	8.0	8.0	8.2	8.1	7.9	8.4	8.2	<u>7.6</u>	8.1	7.8	<u>8.6</u>	8.0	8.3	8.2	8.0	8.1
Conductivity (µS)	297	388	342.5	327	381	354	310	373	341.5	383	311	347	<u>229</u>	437	333	368	<u>446</u>	407	385	<u>457</u>	421
D. O. (ppm)	6.8	6.4	6.5	6.7	6.5	6.6	8.2	6.6	7.4	6.8	6.9	6.8	<u>5.3</u>	5.7	5.5	8.5	8.6	8.5	9.2	<u>9.3</u>	9.2
Water level							<u>249</u>	245	247										<u>237</u>	237	237

HYDROLOGICAL AND CHEMICAL DATANOVEMBER 1994

SAMPLING STATIONS PARAMETERS	MEHDORI			RASOOLABAD			SHIVKUTI			DARAGANJ			SANGAM			SADIAPUR			GAUGHAT		
	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN
Air Temp. (°C)	23.5	20.4	21.9	22.5	21.0	21.7	22.2	19.9	21.0	<u>23.6</u>	22.8	23.2	22.6	21.3	21.9	19.7	<u>18.0</u>	18.8	19.3	18.4	18.8
Water Temp. (°C)	23.6	21.2	22.4	23.3	21.9	22.6	23.1	20.7	21.9	23.4	20.8	22.1	<u>23.8</u>	21.5	22.6	23.3	<u>20.2</u>	21.7	22.4	21.1	21.7
pH	8.0	8.3	8.1	<u>7.9</u>	8.1	8.0	8.4	<u>8.8</u>	8.5	8.1	8.3	8.2	8.1	8.1	<u>8.1</u>	8.0	8.1	8.1	8.0	8.1	8.1
Conductivity (µS)	359	361	360	361	371	366	302	<u>284</u>	293	364	400	382	369	465	417	445	481	463	469	<u>489</u>	479
D. O. (ppm)	13.2	12.4	12.8	11.9	11.7	11.8	12.4	12.6	12.5	9.6	<u>8.8</u>	9.2	10.6	9.6	10.1	11.1	10.3	10.7	12.3	<u>13.5</u>	12.9
Water level							<u>258</u>	257	257.5										<u>234</u>	234	234

HYDROLOGICAL AND CHEMICAL DATA

DECEMBER-1994

SAMPLING STATIONS	MEHDORI			RASOOLABAD			SHIVKUTI			DARAGANJ			SANGAM			SADIAPUR			GAUGHAT			
	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	
Air Temp. (°C)	16.1	10.3	13.2	15.5	<u>9.7</u>	12.6	<u>20.5</u>	10.7	15.6	<u>20.3</u>	14.0	17.1	15.4	20.2	17.8	11.7	12.0	11.8	14.5	11.4	12.9	
Water Temp. (°C)	19.5	15.9	17.7	19.6	<u>15.5</u>	17.5	20.0	<u>15.5</u>	17.7	<u>20.5</u>	16.9	18.7	18.5	18.1	18.3	19.2	16.9	18.0	18.5	16.5	17.5	
pH	8.4	8.4	8.4	<u>7.8</u>	<u>8.5</u>	8.1	8.1	8.4	8.3	8.1	8.4	8.2	<u>8.0</u>	8.3	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
Conductivity (µS)	<u>343</u>	432	387.2	407	428	417.5	419	453	436	375	443	409	466	466	466	608	620	614	543	<u>624</u>	583.5	
D.O. (ppm)	11.8	10.8	11.3	11.6	10.4	11.0	12.8	10.0	11.4	9.2	12.8	11.0	11.2	10.0	10.6	12.0	<u>8.0</u>	10.0	<u>13.4</u>	11.0	12.2	
Water level							<u>257</u>	256	256.5										230	<u>228</u>	229	

HYDROLOGICAL AND CHEMICAL DATA

JANUARY-1995

SAMPLING STATIONS	MEHDORI			RASOOLABAD			SHIVKUTI			DARAGANJ			SANGAM			SADIAPUR			GAUGHAT		
	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN
Air Temp. (°C)	13.2	<u>9.8</u>	11.5	14.6	10.9	12.7	15.0	12.0	13.5	16.9	12.7	14.8	16.2	<u>24.3</u>	20.2	13.2	13.7	13.4	13.8	14.1	13.9
Water Temp. (°C)	15.5	14.4	14.9	15.3	14.6	14.9	15.4	14.8	15.1	16.6	15.0	15.8	14.7	<u>18.6</u>	16.6	<u>14.0</u>	15.3	14.6	14.2	14.6	14.4
pH	8.2	<u>8.0</u>	8.1	<u>8.3</u>	8.1	8.2	8.2	8.1	8.2	8.1	8.1	8.1	8.0	8.0	8.0	8.0	8.1	8.1	8.0	8.1	8.1
Conductivity (µS)	441	<u>621</u>	531	427	480	453.5	445	479	462	<u>364</u>	487	425.5	517	522	519.5	604	589	596.5	610	596	603
D.O. (ppm)	10.4	8.5	9.4	10.7	8.0	9.3	<u>12.8</u>	10.0	11.4	10.8	8.4	9.6	7.6	<u>5.6</u>	6.6	9.3	9.5	9.4	11.2	10.9	11.0
Water level							255	255	<u>255</u>										226	226	<u>226</u>

HYDROLOGICAL AND CHEMICAL DATA

FEBRUARY 1995

SAMPLING STATIONS	MEHDORI			RASOOLABAD			SHIVKUTI			DARAGANJ			SANGAM			SADIAPUR			GAUGHAT		
	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN
Air Temp. (° C)	16.4	15.2	15.8	16.2	17.0	16.6	<u>14.8</u>	15.3	15.0	20.3	20.3	20.3	21.4	<u>21.7</u>	21.5	19.6	19.2	19.4	20.6	19.7	20.1
Water Temp. (° C)	17.6	17.6	17.6	17.7	18.2	17.9	<u>17.2</u>	17.8	17.5	19.8	19.4	19.6	21.5	20.3	20.9	20.0	20.8	20.4	<u>22.2</u>	21.0	21.6
pH	<u>8.4</u>	8.0	8.2	<u>8.4</u>	8.0	8.2	8.4	8.3	8.3	8.3	8.1	8.2	<u>7.7</u>	8.2	7.8	8.1	8.3	8.2	8.0	8.2	8.1
Conductivity (µS)	472	<u>551</u>	511.5	467	531	499	430	493	461.5	<u>426</u>	493	459.5	518	487	502.5	523	542	532.8	534	527	530.5
D.O. (ppm)	10.4	5.8	8.1	11.6	5.7	8.6	<u>11.8</u>	9.5	10.6	9.2	9.3	9.2	<u>4.4</u>	4.7	4.5	9.4	9.5	9.4	9.7	9.7	9.7
Water level							254	254	<u>254</u>										226	226	<u>226</u>

HYDROLOGICAL AND CHEMICAL DATAMARCH 1995

SAMPLING STATIONS	MEHDORI			RASOOLABAD			SHIVKUTI			DARAGANJ			SANGAM			SADIAPUR			GAUGHAT		
	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN	I	II	MEAN
Air temp. (°C)	18.3	22.8	20.5	18.7	21.6	20.1	18.1	22.0	20.0	23.3	<u>27.9</u>	25.6	18.0	<u>17.0</u>	17.5	19.9	24.0	21.9	20.5	25.0	22.7
Water Temp. (C)	18.9	24.3	21.6	20.1	23.2	21.6	<u>18.9</u>	24.5	21.7	22.1	<u>25.1</u>	23.6	21.5	20.4	20.9	21.2	23.1	22.1	21.6	22.0	21.8
pH	8.0	8.0	8.0	8.1	7.9	8.0	8.4	7.9	8.1	<u>8.6</u>	8.2	8.4	7.7	7.9	7.8	8.0	8.2	8.1	<u>7.5</u>	8.0	7.7
Conductivity (µS.)	532	545	538.5	544	552	548	476	508	492	<u>430</u>	467	448.5	462	452	457.	553	<u>630</u>	591.5	501	506	503.5
D.O. (ppm)	6.3	6.0	6.1	6.1	6.4	6.2	<u>9.7</u>	4.8	7.2	8.0	6.4	7.2	6.4	6.0	6.2	6.8	6.5	6.6	<u>4.5</u>	8.6	6.5
Water level							<u>253</u>	252	252.5										225	<u>224</u>	224.5

APPENDIX 4: EXTRACTS DAILY STAR, DHAKA, 13 DECEMBER 1996

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30-year historic water treaty

From M Ashwarul Haq

NEW DELHI, Dec 12: Bangla-desh and India today signed a landmark 30-year agreement ending the contentious dispute over Ganges water sharing between the two countries.

The historic deal was signed between the prime ministers of Bangladesh and India in the heart of the Indian capital. The signing ceremony was a brief, five-minute affair beginning at 11-25 am.

The treaty enters into force with its signing and is renewable on the terms of mutual agreement on the expiry of the 30-year period.

The agreement guarantees Bangladesh 35,000 cusecs of water from the Ganges starting January 1 to May 31, when the flow here is 70,000 cusecs or more. Below 70,000 cusecs, as it usually does between March and May every year, the two countries would share the water equally, 35,000 cusecs of water, India will get 40,000 cusecs and Bangladesh the rest.

The two prime ministers had a second round of talks before signing the treaty at the New Delhi hotel.

Highlights of treaty

Following are the highlights of the 30-year treaty between India and Bangladesh on sharing of the Ganges water. It was signed in New Delhi on December 12, 1986.

The treaty provides for a minimum flow of 35,000 cusecs of water to Bangladesh from the Ganges at Farakka during the period from January 1 to May 31, when the flow here is 70,000 cusecs or more.

The joint committee constituted under the treaty will meet annually to monitor the implementation of the treaty and to advise the governments of India and Bangladesh on any matters relating to the treaty.

The treaty is a landmark agreement in the history of India-Bangladesh relations and will ensure a steady flow of water to Bangladesh.



Prime Minister Sheikh Hasina and her Indian counterpart P V Narasimha Rao shaking hands in New Delhi yesterday after the two signed the landmark accord to share the Ganges water for 30 years. — AP/PHOTO

River treaty with India

Strike in Kathmandu: 150 protestors arrested

KATHMANDU, Dec 12: Police arrested 150 people taking part in anti-government demonstrations in the Nepal capital today as the communist opposition enforced a general strike, reports AFP.

Almost all businesses and schools were closed and traffic stayed off roads in Kathmandu and other main towns because of the strike, called to protest a treaty made with India on the Mahakali river.

Around 500 people staged a demonstration in the middle of Kathmandu which riot police moved in to disperse with batons. The arrests were made at the demonstration.

Police said other arrests had been made for stoning vehicles at various places in the capital.

Police were posted at post-offices, telephone exchange and

banks in the capital. Security forces were also posted at all bridges on roads out of Kathmandu.

Communist groups and left-wing allies called the strike to protest against the Mahakali River Treaty signed by India and Nepal in February.

The project was intended to harness the waters of the Mahakali river, which marks part of the border between India and Nepal, and use it for power generation and irrigation.

But opposition groups in Nepal say it is against the national interest. They also demanded the release of dozens of detained Maoists.

Police detained more than 80 people on the eve of the strike in what they said was an effort to prevent troubles.

Two murdered in city

By Staff Correspondent

Two persons were murdered in Moltzeel and Daura areas of the city yesterday.

A guard of a commercial building at Moltzeel was stabbed to death alleged by another guard in the early hours of Thursday. Moltz, son of the late Alaar Uddin of Honma in Comilla district, was stabbed and later thrown from the sixth floor of the Padma Printers building on Rajuk Avenue, police said. He died on the spot. Moltz had reportedly an altercation with his colleague Salahuddin alias Selu Wednesday night.

Later, at about 3 am Selu and three of his accomplices attacked Moltz in front of the Sabina Bhaban and took him to the sixth floor of the Padma Printers building.

A special squad of Moltzeel police during a raid in Daura arrested the main accused

See Page 12 col 5

NGO to collect garbage from door to door

By Morshed Ali Khan

The Dhaka City Corporation (DCC) has, for the first time, allowed an NGO to collect garbage from door to door in Ward No

Bazar and other areas in the Ward and will ensure a clean environment making better use of the de-mountable containers and other related places, he

area for its services. "We are encouraging private sector to take over the initial garbage collection in the city," he said.

When contacted, Harunur