

Species	First sampling year: September 2006 – August 2007													Second sampling year: September 2007 – August 2008													
	S	O	N	D	J	F	M	A	M	J	J	A	Mean	S	O	N	D	J	F	M	A	M	J	J	A	Mean	
<i>Beauchampiella</i> sp.	1													2													
<i>Chromatogaster</i>														200													
<i>Chromatogaster</i> sp.														127													
<i>Diplois daviesiae</i>														2													
<i>Keratella vulga</i>	3 4 1													2 3 2 5 8 3 2													
<i>K. cochlearis</i>	2													1													
<i>Epiphene</i> sp.	188													2 5 3 2 2													
<i>Filinia terminalis</i>	11 25 29 118 245 33 447 146 16 3													3 15 28 20 26 67 777 12 162 121 93													
<i>F. longiseta</i>	11 11 11 16 3													4±1.37 2 2 7 2 3 513 2													
<i>F. opolensis</i>	1													1±6.14 2													
<i>Hexarthra</i> sp.	3													1 1±0.10 3 2 18 10 3 67													
<i>Monostylla</i>	1													1 1±0.10 2													
<i>Monostylla</i> sp.	1													1 1±0.10 7 2 2													
<i>Notholca acuminata</i>	1													1±6.14 2													
<i>Notholca</i> sp.	24 6 19 41													8±2.23													
<i>Polyarthra vulgaris</i>	1 45 48 15 35 1 8 14													18 15±3.17 32 95 23 10 25 63 2 68 4 12 23													
<i>Pompholyx sulcata</i>	9 80 1													8±4.49 2 1													
<i>Platylabus patulus</i>														2 1													
<i>P. polycanthus</i>	1													1±8.33 2													
<i>P. quadricomis</i>	1													1±6.14 2													
<i>Trichocerca capucina</i>	3 2 4 1 21 19 34													7±2.19 8 12 28 20 3 3 3 2													
<i>T. longiseta</i>														32 5 7 153 10													
<i>T. porcellus</i>	14 3 13 6 4 13 27													7±1.74 7 7 15 20 5													
<i>T. cylindrica</i>	21 4 5 8 2 6 16													14 6±1.67 2 3 15 2 18 27 12 10 23 20													
<i>Trichocerca</i> sp.	13 1 3 5 11 1 33													3 6±1.89 10 10 3													
<i>Euchlanis dilatata</i>														3 2													
<i>Tripleuchlanis plicata</i>														2 2													
<i>Lindia</i> sp.														5 2 2 3 2													
<i>Rotaria neptunia</i>														2 23 10 2 5													
Total Rotifera	42 137 136 120 149 429 616 43 956 707 203 12 338±51.6													233 268 100 25 361 557 133 70 336 181 148 755 901±155.3													
Copepoda																											
<i>Bryocamptus</i> sp.	1													1±6.14 3 2													
<i>Skistodiaptomus</i>	1													1±6.14 2 2													
<i>Neodiaptomus</i> sp.	26													2±1.37 3													

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<i>Diaptomus</i> sp.				3	1	2	2	16	3	206		1	20±9.74	2				2		2	2		2	5	1±0.49		
<i>Microcyclops</i>												9	1±0.52	2											1±0.13		
<i>M. rubellus</i>	1	1										6	1±0.37	2											1±0.13		
<i>Microcyclops</i> sp.	3	1	1						1				1±0.20	2		5									1±0.13		
<i>Mesocyclops leukerti</i>	1										13	4	2±0.71	3		2			2					3	1±0.42		
<i>M. edax</i>											6.25		1±0.32					2				18	2	2	3	2±1.08	
<i>Mesocyclops</i> sp.						1						8	1±0.49	13	2							114	2	7		12±8.31	
<i>Macrocyclops</i> sp.											6		1±0.36						3			1			1±0.28		
<i>Orthocyclops</i>											6		1±0.50														
<i>Eucyclops agilis</i>											6		1±0.35										2		1±0.13		
<i>Cyclops</i> sp.							1	1				41	4±1.93					3	2			39	5		4±2.78		
Nauplius	8	18	23	11	37	29		19	270	31	19	39±14.57	42	7	38	15	12	8	3	2	159	35	30	20	150±81.80		
Metanauplius	1		10	5	4	21	20		2	30	3	22	10±2.74	3	2	3							2		1±0.37		
Total Copepoda	2	12	30	32	16	62	52	19	24	532	127	54	80±26.37	68	15	43	22	17	17	8	3	176	47	47	27	173±91.28	
Cladocera																											
<i>Alona</i> sp.											4		1±0.24					1				2				1±0.15	
<i>Cydorus</i> sp.				1	1								1±8.45									1				1±5.55	
<i>Diaphanosoma</i>										38	19		5±2.07			2			3	2						1±0.26	
<i>Diaphanosoma</i> sp.										30	6	1	3±1.62						2							1±0.13	
<i>Moina brachiata</i>	1					1	1				199		15±10.07			2			8	8	117			10		12±8.39	
<i>Moina</i> sp.										41			3±1.97		2							7				1±0.56	
Total Cladocera	1	0	0	0	1	2	10	0	46	233	25	1	27±14.09	0	2	4	0	1	10	3	10	126	0	0	10	14±8.44	
Total zooplankton	55	332	172	296	211	647	739	46	100	158	358	21	488±79.3	419	478	126	31	402	610	148	77	533	186	447	1401	1231±241.6	

Table 3: Monthly variations in mean of benthic species abundance of newly dredged Harda baor of Meherpur district.

pecies	September 2006 - August 2007													September 2007 – August 2008													
	S	O	N	D	J	F	M	A	M	J	J	A	Mean	S	O	N	D	J	F	M	A	M	J	J	A	Mean	
Chironomids																											
<i>Chironomus</i> sp.		44		222	178	400	133	133	89	89	133	89	126±31.34	74	44	15	133					44		29	15	30±9.68	
<i>Tanytus</i> sp.		44				89				133		44	89	33±13.52	15	74	104	89	311		400	89	104	74	74	89	119±25.16
<i>Ceratopogon</i> sp.																							15	29		4±2.05	
Total Chironomids	0	88		222	178	489	133	133	222	89	177	178	159±31.88	89	118	119	222	311	0	400	89	148	74	118	133	153±25.01	
Oligochaetes																											
<i>Lumbriculus</i> sp.				44	533	178	222				44		85±46.22	30		356	178	192	237	504	15	30		44	15	133±32.65	
<i>Tubifex tubifex</i>				44									4±3.66														
<i>Branchiura sowerbyi</i>				44									4±3.66			30	15										4±2.72
<i>Nais simplex</i>								44	222				22±18.53	30	44	44		74	59				30			24±7.81	
<i>Chaetogaster diastrophus</i>							44						4±3.66							15						1±1.00	
<i>C. crystalinus</i>																				15						1±1.00	
<i>Chaetogaster</i> sp.								222					19±18.50	15	44		74	59								16±8.14	
<i>Eiseniella</i> sp.															30											3±2.47	
<i>Stylaria</i> sp.																				15						1±1.00	
<i>Branchiodrillus semperi</i>		44	178			178	44					44	41±19.33	15			59	15		15		30				11±4.46	
<i>Branchiodrillus hortensis</i>																			15			15				3±1.70	
<i>Aelosoma leidy</i>					44								4±3.36						15							1±1.00	
<i>Aelosoma</i> sp.							44						4±3.36	44			15	148				15				19±9.43	
Unidentified oligochaets	44			400	311	44	133	133					89±39.06	15		89			30				15			16±7.10	
Total Oligochaetes	44		44	622	976	400	487	399	222	0	44	44	273±62.04	149	118	519	267	414	445	608	30	45	45	89	15	229±44.19	
Molluscs																											
<i>Viviperus bengalensis</i>												44	4±3.36				15			15	15		15	15		6±2.57	
<i>Lymnea acuminata</i>				44									4±3.36						15							1±1.00	
<i>Pila globosa</i>											44		4±3.36														
<i>Bithynia</i> sp.						44							4±3.36														
Total Molluscs	0	0	0	44	0	44	0	0	44	0	0	44	15±5.18			15		15		15	15		15	15	0	8±2.77	
Total Benthos	44	88	44	888	1154	933	620	532	488	89	221	266	447±81.82	238	236	653	489	740	445	1023	134	193	134	222	148	389±60.81	