

Table S2. The frequency (FR), biomass (g) and abundance of native and non-native adult fish caught from main channel and floodplain of the Mamberamo River in June 2016. CPUE: Catch per Unit Effort.

No	Local name	Species	Main channel (Station 1/Kalimerah and Station 4/S. Putus)				Floodplain (Station 2/Kerumi and Station 3/Talaga)			
			N	FR (%)	biomass (g)	CPUE(g/h)	N	FR (%)	biomass (g)	CPUE (g/h)
1	Duri kepala besar	<i>Arius sp1</i>	2	0.91	42	2.80	0	0	0	0
2	Duri kepala kecil	<i>Arius sp2</i>	1	0.45	15	1.00	1	2.86	15	1
3	Gabus	<i>Channa striata</i>	1	0.45	637	42.47	0	0	0	0
4	Gete-gete	<i>Glossamia sp1</i>	25	11.36	1,586	105.73	3	8.57	171	11.4
5	Gete-getebelang	<i>Glossamia sp2</i>	0	0	0	0	0	0	0	0
6	Julung-julung	<i>Strongylura krefftii</i>	0	0	0	0	0	0	0	0
7	Mas	<i>Cyprinus carpio</i>	17	7.73	555	37.00	0	0	0	0
8	Mata merah	<i>Leptobarbus melanopterus</i>	6	2.73	259	17.27	17	48.57	716	47.73
9	Mujair	<i>Oreochromis mozambicus</i>	16	7.27	1,420	94.67	0	0	0	0
10	Nila	<i>Oreochromis niloticus</i>	6	2.73	192	12.8	0	0	0	0
11	Pelangi	<i>Chilatherina fasciata</i>	47	21.36	339	22.60	5	14.29	33	2.2
12	Tawes	<i>Barbonymus gonionotus</i>	99	45.00	6,833	455.53	0	0	0	0
13	Sumpit	<i>Toxotes oligolepis</i>	0	0	0	0	0	0	0	0
14	Lele	<i>Clarias gariepinus</i>	0	0	0	0	9	25.71	1,617	107.8

Table S3. The frequency (FR), biomass (g) and abundance of native and non-native adult fish caught from main channel and floodplain of the Mamberamo River in September 2016. CPUE: Catch per Unit Effort.

No	Local name	<i>Species</i>	Main channel (Station 1/Kalimerah and Station 4/S. Putus)				Floodplain (Station 2/Kerumi and Station 3/Talaga)			
			N	FR (%)	biomass (g)	CPUE (g/h)	N	FR (%)	biomass (g)	CPUE (g/h)
1	Duri kepala besar	<i>Arius sp1</i>	0	0	0	0	0	0	0	
2	Duri kepala kecil	<i>Arius sp2</i>	1	2.38	263	17.53	23	33.82	2,195	146.33
3	Gabus	<i>Channa striata</i>	1	2.38	57	3.8	1	1.47	1,342	89.47
4	Gete-gete	<i>Glossamia sp1</i>	3	7.14	71	4.73	0	0	0	0
5	Gete-gete belang	<i>Glossamia sp2</i>	6	14.29	344	22.93	0	0	0	0
6	Julung-julung	<i>Strongylura krefftii</i>	1	2.38	18	1.2	0	0	0	0
7	Mas	<i>Cyprinus carpio</i>	3	7.14	424	28.27	0	0	0	0
8	Mata merah	<i>Leptobarbus melanopterus</i>	1	2.38	83	5.53	20	29.41	870	58
9	Mujair	<i>Oreochromis mozambicus</i>	0	0	0	0	0	0	0	0
10	Nila	<i>Oreochromis niloticus</i>	5	11.90	180	12	0	0	0	0
11	Pelangi	<i>Chilatherina fasciata</i>	0	0	0	0	6	8.82	61	4.07
12	Tawes	<i>Barbonymus gonionotus</i>	21	50.00	378	25.20	16	23.53	1,887	125.8
13	Sumpit	<i>Toxotes oligolepis</i>	0	0	0	0	0	0	0	0
14	Lele	<i>Clarias gariiepinus</i>	0	0	0	0	2	2.94	756	50.4

Table S4. The frequency (FR), biomass (g) and abundance of native and non-native adult fish caught from main channel and floodplain of the Mamberamo River in October 2016. CPUE: Catch per Unit Effort.

No	Local name	Species	Main channel (Station 1/Kalimerah and Station 4/S. Putus)				Floodplain (Station 2/Kerumi and Station 3/Talaga)			
			N	FR (%)	biomass (g)	CPUE (g/h)	N	FR (%)	biomass (g)	CPUE (g/h)
1	Duri kepala besar	<i>Arius sp1</i>	3	8.82	1,482	98.8	0	0	0	0
2	Duri kepala kecil	<i>Arius sp2</i>	4	11.76	502	33.47	0	0	0	0
3	Gabus	<i>Channa striata</i>	2	5.88	57	3.8	0	0	0	0
4	Gete-gete	<i>Glossamia sp1</i>	4	11.76	212	14.13	1	1	48	3.2
5	Gete-gete belang	<i>Glossamia sp2</i>	0	0	0	0	0	0	0	0
6	Julung-julung	<i>Strongylura krefftii</i>	0	0	0	0	0	0	0	0
7	Mas	<i>Cyprinus carpio</i>	0	0	0	0	0	0	0	0
8	Mata merah	<i>Leptobarbus melanopterus</i>	5	14.71	517	34.47	14	23.00	1,237	82.47
9	Mujair	<i>Oreochromis mozambicus</i>	0	0	0	0	1	2	43	2.87
10	Nila	<i>Oreochromis niloticus</i>	0	0	0	0	0	0	0	0
11	Pelangi	<i>Chilatherina fasciata</i>	0	0	0	0	9	10	76	5.07
12	Tawes	<i>Barbonymus gonionotus</i>	16	47.06	598	39.87	9	9.00	456	30.4
13	Sumpit	<i>Toxotes oligolepis</i>	0	0	0	0	0	0	0	0
14	Lele	<i>Clarias gariepinus</i>	0	0	0	0	3	6	443	29.53