Table S1 The eDNA reads of fish species detected at each sampling site

Species	Site-1	Site-2	Site-3	Site-4	Site-5	Site-6	Site-7	Site-8	Site-9	Site-10	Site-11	Site-12	Site-13	Site-14	Site-15	Site-16
Abbottina rivularis	6	1	3	1	0	0	46	2	3	3	6	2	13	231	2	131
Acheilognathus chankaensis	47	1169	69	41	735	39	47	30	34	6	17	15	7	4	41	33
Acheilognathus gracilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acheilognathus imberbis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acheilognathus macropterus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
***Acipenser* sp.**	0	1	0	0	2	1	52	2	0	0	0	0	0	0	1	0
Acrossocheilus paradoxus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristichthys nobilis	19	82	242	153	42	44	99	123	140	83	103	159	258	99	234	336
Bostrychus sinensis	1	0	6	1	74	0	16	2	0	12	6	0	1	0	0	0
Carassius auratus	98	94	519	157	56	3	141	480	33	106	368	6	979	472	236	1853
Channa argus	9	3	2	2	3	4	20	4	161	5	12	10	6	1	62	132
Chanodichthys dabryi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Chanodichthys erythropterus	0	1	0	352	2	0	1	0	0	0	0	0	0	0	0	3
Chanodichthys mongolicus	14	1	11	17	33	4	23	16	8	11	3	0	10	5	157	0
Cobitis macrostigma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83
Coilia brachygnathus	60	174	17	208	13	2	155	4	8	169	112	20	7	0	3	812
Coilia ectenes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coreius heterodon	0	0	0	0	1	0	4	0	0	2	3	2	0	0	0	0
Ctenopharyngodon idellus	7301	25186	23218	38066	29385	21859	36835	26663	26671	27142	5096	23864	19593	5042	11505	60
Culter alburnus	51	397	1693	2116	116	96	80	87	2420	589	11	0	1	1	41	13
Culter oxycephaloides	5	14	4	10	1	0	0	3	33	0	0	0	0	0	1	0
Cyprinus carpio	7292	9020	8599	5138	502	3765	6888	`	1944	3376	3191	9588	5270	1836	3507	1523
Elopichthys bambusa	7	1	0	1	3	1	66	28	7	0	3	1	12	74	385	0
Gnathopogon imberbis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gobiobotia filifer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Hemibarbus labeo	585	7	7	11	9	5	61	1257	24	20	1002	29	14	5	8	0
Hemiculter bleekeri	1	0	164	5	2	0	4	2	9	1	1	0	0	0	0	0
Hemiculter leucisculus	46	54	444	1488	95	1389	377	59	80	74	2	5	31	0	31	8
Hemirhamphus intermedius	5	1	4	5	2	0	19	1	0	13	7	6	0	0	0	28
Hypophthalmichthys molitrix	651	1298	2622	3891	743	1032	1330	2212	2205	1658	1276	508	4737	1144	4074	515
Leiocassis crassilabris	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Megalobrama amblycephala	214	79	104	462	432	125	188	133	247	126	11	10	14	13	45	1026
Megalobrama terminalis	12	0	2	4	1	2	70	735	6	18	15	3	2451	5	0	0
Microphysogobio elongatus	0	0	0	0	0	0	0	0	0	6	11	901	8	6	0	0

Species	Site-1	Site-2	Site-3	Site-4	Site-5	Site-6	Site-7	Site-8	Site-9	Site-10	Site-11	Site-12	Site-13	Site-14	Site-15	Site-16
Misgurnus anguillicaudatus	323	7	0	1	2	75	16	1	4	0	0	0	0	0	1	0
Monopterus albus	4	3	1	215	1	5	6	6	6	0	0	0	0	0	5	0
Mugilogobius myxodermus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Mylopharyngodon piceus	407	2524	2096	2358	307	1030	1375	625	1998	26	504	32	19	10	91	41
Ochetobius elongatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
Odontobutis potamophila	1096	876	3374	8303	11087	47987	1390	4626	821	346	535	2682	583	590	678	3
Odontobutis sinensis	7	7	6	4	5	560	6	3	3	11	10	9	12	4	6	0
Opsariichthys acutipinnis	24	168	125	90	18	48	97	32	79	26	6	53	22	2	7	1644
Parabotia fasciata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parabramis pekinensis	623	103	188	11	120	33	5250	33	12	8	11	2	10	64	536	0
Paramisgurnus dabryanus	420	0	1	2	0	0	22	0	0	0	0	4	0	1	0	0
Pelteobagrus eupogon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43
Pelteobagrus fulvidraco	200	416	440	20	16	18	61	205	300	354	876	12	17	4	112	44574
Pelteobagrus nitidus	0	0	1	0	0	0	21	4	0	13	10	0	0	0	0	484
Planiliza affinis	1	1	0	7	0	0	6	2	3	4	3	0	0	3	0	0
Pseudobagrus ussuriensis	2	90	0	1	2	3	1	1	1	0	6	6	2	0	3	0
Pseudobrama simoni	0	0	0	0	61	0	0	0	1	1	0	0	0	0	0	299
Pseudolaubuca engraulis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Pseudolaubuca sinensis	13	3	5	1	2	2	77	221	15	3	4	0	12	0	433	31
Pseudorasbora parva	4	307	3	0	0	4	3	1	3	0	0	0	0	0	0	26468
Rhinogobius cliffordpopei	6	0	0	1	0	0	1323	3	1	1	0	0	1	0	54	42
Rhinogobius giurinus	291	71	70	73	3579	613	122	89	204	7	15	4	2921	10	52	52
Rhodeus fangi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Rhodeus ocellatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodeus sinensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Rhynchocypris oxycephalus	6	6	12	5	3	622	5	5	2	0	0	1	0	0	2	0
Sarcocheilichthys sinensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Saurogobio dabryi	474	15	19	21	29	34	67	1642	19	8	13	661	15	102	14	241
Saurogobio dumerili	0	1	0	0	0	24	6	0	0	142	1	0	0	0	0	5
Saurogobio gracilicaudatus	0	3	1	5	2	3	5	5	247	0	0	1	1	0	3	0
Saurogobio gymnocheilus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	160
Saurogobio lissilabris	1	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0
Silurus asotus	103	117	31	349	51	21	154	374	987	9	23	16	8	58	493	1444
Silurus meridionalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55

Species	Site-1	Site-2	Site-3	Site-4	Site-5	Site-6	Site-7	Site-8	Site-9	Site-10	Site-11	Site-12	Site-13	Site-14	Site-15	Site-16
Siniperca chuatsi	228	0	53	4	0	0	8	0	0	1	0	0	0	0	0	18
Siniperca roulei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Siniperca scherzeri	273	49	91	70	2759	42	62	50	144	22	24	3040	27	27	54	0
Sinobdella sinensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Squalidus argentatus	0	0	0	0	1	0	3	0	0	2	1	1	0	0	0	708
Squaliobarbus curriculus	16	57	39	166	24	2	32	94	48	4	40	16	8	78	124	0
Toxabramis swinhonis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Xenocypris davidi	721	27	2	1	9	1	64	11	1197	1	5	1	7	1	5	15
Xenocypris fangi	0	0	0	0	0	0	0	0	0	30	15	32	6	10	0	0

Species	Site-17	Site-18	Site-19	Site-20	Site-21	Site-22	Site-23	Site-24	Site-25	Site-26	Site-27	Site-28	Site-29	Site-30	Site-31
Abbottina rivularis	1515	111	29	284	463	79	24	2	2	22	72	7	21	1	12
Acheilognathus chankaensis	25	31	14	50	8	9	9	27	12	8	3	2	3	14	7
Acheilognathus gracilis	5	1	0	5	8	4	0	0	0	1	0	0	1	0	0
Acheilognathus imberbis	5	1	0	5	8	4	0	0	0	1	0	0	1	0	0
Acheilognathus macropterus	0	2	0	0	4	0	2	0	0	0	0	0	0	0	2
***Acipenser* sp.**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acrossocheilus paradoxus	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristichthys nobilis	953	356	3241	289	165	802	5441	74	77	124	54	140	2129	110	56
Bostrychus sinensis	0	0	0	0	0	0	0	4	6	0	0	3	0	1	0
Carassius auratus	606	785	691	742	693	915	492	79	591	488	2447	691	2476	85	1941
Channa argus	26	22	26	34	1285	75	32	10	439	14	33	5	8	9	104
Chanodichthys dabryi	6	1	0	9	1	0	0	0	0	2	0	0	3	0	2
Chanodichthys erythropterus	1	10	14	3	4	8	2	0	0	2	5	0	1	0	0
Chanodichthys mongolicus	0	0	0	0	0	0	0	2	2	0	0	6	0	1	0
Cobitis macrostigma	115	35	15	16	21	8	4	0	0	0	2	0	0	0	0
Coilia brachygnathus	337	470	2034	813	1033	2980	124	100	1427	5352	17846	135	74	8	2192
Coilia ectenes	0	0	0	0	0	0	0	0	0	3	5	0	0	0	1
Coreius heterodon	0	0	0	0	0	0	0	2	3	0	0	6	0	0	0
Ctenopharyngodon idellus	223	186	32	1158	117	125	66	22068	5829	15	2065	12205	24	14678	151
Culter alburnus	16	30	0	0	0	4	0	2	3	0	5	1	0	0	4
Culter oxycephaloides	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Cyprinus carpio	950	847	2963	1684	1415	6042	2669	422	2206	1574	240	2155	2034	5231	1156
Elopichthys bambusa	0	0	0	0	0	0	0	2	1	0	0	5	0	0	0
Gnathopogon imberbis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Gobiobotia filifer	0	1	2	0	0	1	4	0	0	0	3	0	1	0	2
Hemibarbus labeo	22	24	9	54	11	7	0	16	20	2	0	15	0	15	6
Hemiculter bleekeri	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Hemiculter leucisculus	4	6	6	4	0	31	7	4	2	10	0	0	0	3	7
Hemirhamphus intermedius	14	27	37	32	27	23	2365	8	13	73	5	5	13	0	26
Hypophthalmichthys molitrix	240	548	216	353	260	5050	637	1709	2113	1436	1738	4626	71	1279	405
Leiocassis crassilabris	43	5	1	8	7	5	19	0	0	2	6	0	4	0	12
Megalobrama amblycephala	581	969	466	1285	501	9660	15168	10	8	572	501	11	2789	17	796
Megalobrama terminalis	0	0	0	0	0	0	0	2	3	0	0	19	0	785	0
Microphysogobio elongatus	0	0	0	0	0	0	0	9	9	0	0	6	0	11	0

Species	Site-17	Site-18	Site-19	Site-20	Site-21	Site-22	Site-23	Site-24	Site-25	Site-26	Site-27	Site-28	Site-29	Site-30	Site-31
Misgurnus anguillicaudatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monopterus albus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mugilogobius myxodermus	3	3	0	0	0	2	1	0	0	7	1	0	1	0	1
Mylopharyngodon piceus	159	47	53	18	205	195	101	42	26	43	1205	11	34	46	16
Ochetobius elongatus	40	141	21	33	76	32	17	0	0	16	26	0	12	0	428
Odontobutis potamophila	0	0	1	0	0	1	3	589	742	1	0	393	3	8794	0
Odontobutis sinensis	0	0	0	0	0	0	0	25	19	0	0	12	0	23	0
Opsariichthys acutipinnis	1116	13454	489	1171	1917	1173	6270	15	14	666	305	0	215	77	4949
Parabotia fasciata	0	0	7	2	0	0	0	0	0	0	0	0	0	0	0
Parabramis pekinensis	0	0	0	0	0	0	0	4	5	0	0	4	0	323	0
Paramisgurnus dabryanus	1	0	4	0	0	0	2	0	0	0	1	0	3	0	8
Pelteobagrus eupogon	14	22	13	14	3113	32	66	0	0	8	26	0	14	0	51
Pelteobagrus fulvidraco	48910	15000	20708	18197	465830	23673	410240	8	10	9573	12781	9	70762	7	123670
Pelteobagrus nitidus	197	124	227	157	363	252	691	3	2	323	1585	2	147	0	283
Planiliza affinis	0	0	0	0	0	0	0	1	1	0	0	3	0	2	0
Pseudobagrus ussuriensis	0	0	0	0	0	0	0	4	1	0	0	4	0	2	2
Pseudobrama simoni	953	304	126	219	164	802	5496	0	0	109	58	0	2187	0	51
Pseudolaubuca engraulis	0	32	6	10	4	9	8	0	0	6	2	0	0	0	6
Pseudolaubuca sinensis	35	29	12	77	10	6	14	0	4	9	15	5	4	0	8
Pseudorasbora parva	7839	100149	5385	12645	16032	11934	18364	0	0	3243	3562	0	3285	0	10042
Rhinogobius cliffordpopei	25	28	17	23	190	28	3	0	6	8	5	1	95	0	7
Rhinogobius giurinus	506	30	18	29	105	24	2	6	17	14	8	21	6	7	42
Rhodeus fangi	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodeus ocellatus	23	24	9	54	12	8	6	0	0	2	2	0	0	0	8
Rhodeus sinensis	0	2	0	4	18	0	1	0	0	3	0	0	0	0	0
Rhynchocypris oxycephalus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sarcocheilichthys sinensis	2	1	1	1	0	3	0	0	0	4	0	0	0	0	0
Saurogobio dabryi	135	141	782	157	86	45	62	14	9	23	25	24	27	24	33
Saurogobio dumerili	5	3	3	0	2	1	2	0	0	0	2	0	0	0	2
Saurogobio gracilicaudatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saurogobio gymnocheilus	39	99	44	33	41	122	26	0	0	33	31	0	13	0	163
Saurogobio lissilabris	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0
Silurus asotus	341	971	1670	22220	826	5258	215	1	1	590	340	0	371	0	4408
Silurus meridionalis	21	45	18	570	26	43	16	0	0	16	5	0	1536	0	17

Species	Site-17	Site-18	Site-19	Site-20	Site-21	Site-22	Site-23	Site-24	Site-25	Site-26	Site-27	Site-28	Site-29	Site-30	Site-31
Siniperca chuatsi	10	401	16	11	11	1808	2	0	0	358	17	2	5	0	4
Siniperca roulei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Siniperca scherzeri	0	0	0	0	0	0	0	43	32	0	0	24	0	40	0
Sinobdella sinensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Squalidus argentatus	444	754	479	3507	595	489	3726	1	0	427	3205	3	170	0	256
Squaliobarbus curriculus	0	0	0	2	0	0	1	12	47	0	0	42	0	49	0
Toxabramis swinhonis	0	33	23	0	0	3	0	0	0	940	0	0	0	0	0
Xenocypris davidi	14	23	5	3	12	72	111	0	0	3	1	0	47	1	3
Xenocypris fangi	0	0	0	0	0	0	0	28	17	0	0	13	0	17	0

Species	Site-32	Site-33	Site-34	Site-35	Site-36	Site-37	Site-38	Site-39	Site-40	Site-41	Site-42	Site-43	Site-44	Site-45	Site-46
Abbottina rivularis	11	24	16	2	13	24	3781	210	15	32	5	13	5	18	17
Acheilognathus chankaensis	16	7	4	7	8	8	14	8	8	5	11	15	3	5	241
Acheilognathus gracilis	0	1	1	0	1	0	1	25	0	0	0	3	0	0	1
Acheilognathus imberbis	0	1	1	0	1	0	1	25	0	0	0	3	0	0	1
Acheilognathus macropterus	0	0	0	0	0	1	0	2	6	0	0	0	0	0	1
Acipenser **sp.**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acrossocheilus paradoxus	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristichthys nobilis	64	14664	2325	80	108	10496	599	188	25	776	168	196	29	52	67
Bostrychus sinensis	0	0	0	75	0	0	0	0	0	0	2	0	0	0	0
Carassius auratus	137	1555	902	31	12594	2349	196	2381	78	344	156	386	314	138	626
Channa argus	7	18	7	5	10	16	2653	85	103	151	12	19	116	4	177
Chanodichthys dabryi	2	0	2	0	14	6	144	3	3	4	0	4	0	0	0
Chanodichthys erythropterus	3	3	0	0	29	0	1	24	9	2	0	1	0	0	0
Chanodichthys mongolicus	0	0	0	4	0	0	0	0	0	0	2	0	0	0	0
Cobitis macrostigma	0	0	0	0	3	0	12	24	3	0	0	0	0	0	117
Coilia brachygnathus	2035	3614	545	135	91	134	203	10145	350	3044	38	1381	1058	134	545
Coilia ectenes	0	2	0	0	0	1	0	1	0	0	0	0	2	0	0
Coreius heterodon	0	0	0	6	0	0	0	0	0	0	4	0	0	0	0
Ctenopharyngodon idellus	22	354	18	2932	17	19	53	136	83	45	8005	25	4	27	75
Culter alburnus	0	0	0	0	2	0	0	9	0	6	0	3	0	0	0
Culter oxycephaloides	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0
Cyprinus carpio	3827	2474	397	1735	165	188	7707	6706	451	2786	5954	544	51	30069	829
Elopichthys bambusa	0	0	0	8	0	0	0	0	0	0	7	0	0	0	0
Gnathopogon imberbis	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Gobiobotia filifer	0	0	1	0	1	9	1	4	1	0	0	0	0	1	0
Hemibarbus labeo	0	6	0	13	0	0	4	0	0	0	20	0	0	0	2
Hemiculter bleekeri	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Hemiculter leucisculus	0	37	0	0	329	19	65	214	0	0	11	42	0	0	0
Hemirhamphus intermedius	25	80	18	7	6919	72	19	669	30	30	1	25	124	12	21
Hypophthalmichthys molitrix	68	4045	2172	6079	190	6429	220	371	48	1229	12692	1435	205	35	76
Leiocassis crassilabris	5	7	3	0	0	6	6	2090	3	7	0	6	5	12	1
Megalobrama amblycephala	942	8809	264	11	29654	7993	3775	33401	439	397	88	1886	454	339	750
Megalobrama terminalis	0	0	0	28	0	1	3	0	0	0	23	0	0	0	0
Microphysogobio elongatus	0	0	0	5	0	0	0	0	0	0	13	0	0	0	0

Species	Site-32	Site-33	Site-34	Site-35	Site-36	Site-37	Site-38	Site-39	Site-40	Site-41	Site-42	Site-43	Site-44	Site-45	Site-46
Misgurnus anguillicaudatus	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Monopterus albus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mugilogobius myxodermus	0	0	677	0	2	0	1	0	8	2	0	4	0	8	0
Mylopharyngodon piceus	19	1034	356	20	20109	270	54	39	32	61	534	44	7	8	6
Ochetobius elongatus	11	9	14	0	90	26	7	45	11	68	0	3	0	5	6
Odontobutis potamophila	0	0	1	427	3	64	0	4	3	1	1103	1	0	0	0
Odontobutis sinensis	0	0	0	16	0	0	0	0	0	0	21	0	0	0	0
Opsariichthys acutipinnis	342	601	935	20	14768	18319	696	1792	275	5293	14	206	4192	216	300
Parabotia fasciata	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
Parabramis pekinensis	0	0	0	20	0	0	0	0	0	0	15	0	0	0	0
Paramisgurnus dabryanus	0	1	0	0	1	2	2	14	1	1	0	0	43	3	0
Pelteobagrus eupogon	5	7	8	0	9	4633	5	88	20	52	0	12	0	16	20
Pelteobagrus fulvidraco	4635	6618	6772	13	4811	810728	8146	194204	41636	93622	30	26222	10901	66905	70220
Pelteobagrus nitidus	132	1664	72	10	38	279	6226	5503	228	1562	0	95	23	7690	896
Planiliza affinis	0	0	0	3	0	0	0	0	0	0	3	0	0	0	0
Pseudobagrus ussuriensis	2	0	0	73	0	0	0	0	0	0	1	0	0	0	0
Pseudobrama simoni	23	15091	2356	0	154	85	471	161	22	767	0	193	17	42	37
Pseudolaubuca engraulis	9	82	1	0	0	3	27	6	28	15	0	22	1	1	4
Pseudolaubuca sinensis	1	24	13	2	21	9233	23	17	8	238	30	6	3	2	3
Pseudorasbora parva	2783	8287	11676	2	2963	27851	3794	98026	1782	15571	0	4531	6456	17381	7903
Rhinogobius cliffordpopei	6	6	19	5	4	2	6	15	4	55	3	71	1	3	411
Rhinogobius giurinus	4	128	7	13	8	28	18	58	2	26	9	8	2	9	540
Rhodeus fangi	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0
Rhodeus ocellatus	0	3	0	0	1	0	4	1	0	1	0	0	1	0	1
Rhodeus sinensis	0	1	2	0	3	0	2	25	0	1	0	0	0	0	0
Rhynchocypris oxycephalus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sarcocheilichthys sinensis	0	0	42	0	1	0	0	1	1	0	0	0	0	0	0
Saurogobio dabryi	41	54	22	308	27	104	29	168	58	59	15	24	4	16	44
Saurogobio dumerili	0	1	1	6	0	2	0	9	0	3	0	0	0	0	1
Saurogobio gracilicaudatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saurogobio gymnocheilus	143	329	27	0	15	16	25	179	272	936	0	46	14	25	12
Saurogobio lissilabris	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Silurus asotus	145	384	253	3	195	505	204	1322	215	30966	1	1394	51	114	230
Silurus meridionalis	8	15	6	0	9	149	12	30	240	122	0	2	2	0	7

Species	Site-32	Site-33	Site-34	Site-35	Site-36	Site-37	Site-38	Site-39	Site-40	Site-41	Site-42	Site-43	Site-44	Site-45	Site-46
Siniperca chuatsi	62	310	11	0	5	8	10	13	6	5	0	362	1	6	36
Siniperca roulei	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Siniperca scherzeri	0	0	0	31	0	0	0	0	0	0	42	0	0	0	0
Sinobdella sinensis	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0
Squalidus argentatus	511	487	4114	2	5853	19600	6407	1909	160	537	1	150	388	140	244
Squaliobarbus curriculus	0	0	0	22	0	3	0	0	0	0	115	0	0	0	0
Toxabramis swinhonis	0	0	0	0	4	0	5	0	0	0	0	0	0	0	0
Xenocypris davidi	0	339	69	1	0	2	20	15	2	10	15	8	4	3	2
Xenocypris fangi	0	0	0	1067	0	0	0	0	0	0	29	0	0	0	0

Species	Site-47	Site-48	Site-49	Site-50	Site-51	Site-52	Site-53	Site-54	Site-55	Site-56	Site-57	Site-58	Site-59	Site-60	Site-61
Abbottina rivularis	29	44	12	6	12	20	12	10	85	22	4	219	23	7	19
Acheilognathus chankaensis	11	449	3	17	9	14	7	11	13	3	9	4	29	593	7
Acheilognathus gracilis	1	32	0	2	0	2	0	1	10	1	0	1	16	1	2
Acheilognathus imberbis	1	32	0	2	0	2	0	1	10	1	0	1	16	1	2
Acheilognathus macropterus	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Acipenser **sp.**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acrossocheilus paradoxus	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristichthys nobilis	654	249	80	27415	117	55	36	81	197	59	47	149	83	235	168
Bostrychus sinensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carassius auratus	23523	11723	8781	25521	3482	144	608	118	498	834	286	465	201	82	136
Channa argus	2	29	4	240	4	410	19	3077	430	29	812	12	10	8	228
Chanodichthys dabryi	3	21	9	0	0	3	2	0	23	3	0	16	5	2	2
Chanodichthys erythropterus	0	1	0	1	9	2	1	0	10	0	0	4	0	1	0
Chanodichthys mongolicus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cobitis macrostigma	0	4	0	2	0	4	0	0	97	0	0	3	18	11	0
Coilia brachygnathus	1660	2310	1933	148	2349	244	126	829	3784	83	209	1438	1924	371	931
Coilia ectenes	0	0	0	1	0	0	1	0	6	0	0	0	0	0	0
Coreius heterodon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ctenopharyngodon idellus	79	134	6069	35	18	26	19	20	56	11	179	78	111	17	47
Culter alburnus	0	189	0	17	2	3	0	4	3	0	0	1728	29	4	2
Culter oxycephaloides	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyprinus carpio	4500	4839	2089	262	225	909	494	205	3558	2111	421	1505	1725	3228	1266
Elopichthys bambusa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gnathopogon imberbis	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
Gobiobotia filifer	3	0	1	1	124	0	0	2	3	1	0	2	2	1	0
Hemibarbus labeo	4	12	0	0	0	3	0	0	2	0	0	0	0	12	2
Hemiculter bleekeri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hemiculter leucisculus	0	20	98	205	0	3	0	0	5	0	0	0	3	8	0
Hemirhamphus intermedius	779	253	6	23	40	9	7	3	38	8	1	19	16	14	3
Hypophthalmichthys molitrix	161	451	385	343	73	84	95	68	222	30	3888	151	297	391	213
Leiocassis crassilabris	31	3	1	7	0	6	1	4	72	3	8	2	166	1	20
Megalobrama amblycephala	2292	1543	17735	25934	419	467	198	153	2618	164	392	1126	1021	1919	2599
Megalobrama terminalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microphysogobio elongatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Species	Site-47	Site-48	Site-49	Site-50	Site-51	Site-52	Site-53	Site-54	Site-55	Site-56	Site-57	Site-58	Site-59	Site-60	Site-61
Misgurnus anguillicaudatus	0	0	0	0	0	0	0	0	0	0	0	0	0	210	0
Monopterus albus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mugilogobius myxodermus	0	14	1	0	0	0	0	2	0	0	0	4	0	0	2
Mylopharyngodon piceus	18	37	28	105	80	10	7	3	40	26	17	68	18	28	14
Ochetobius elongatus	314	43	699	12	12	20	40	19	183	6	109	74	59	9	38
Odontobutis potamophila	0	0	1	0	7491	62	0	0	0	1	0	2	8	1	0
Odontobutis sinensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opsariichthys acutipinnis	11143	1044	30413	570	348	538	822	313	10239	1418	2142	8722	5402	201	516
Parabotia fasciata	0	0	0	0	0	0	0	0	85	0	0	0	0	0	0
Parabramis pekinensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paramisgurnus dabryanus	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0
Pelteobagrus eupogon	16	14	14	23	59	131	90	404	148	26	131	12	3	32	75
Pelteobagrus fulvidraco	46295	30958	68923	71967	210866	358869	418183	328286	187111	83948	768435	15734	13501	207574	82739
Pelteobagrus nitidus	125	360	51	293	8542	3465	963	414	2074	109	77	159	436	120	995
Planiliza affinis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudobagrus ussuriensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudobrama simoni	646	247	74	28392	62	43	27	77	85	42	30	141	70	227	113
Pseudolaubuca engraulis	11	18	4	6	1	2	0	13	4	171	2	2	14	4	3
Pseudolaubuca sinensis	359	9	4	2	39	1	5	5	6	5	23	18	8	7	7
Pseudorasbora parva	50506	24981	9592	45574	9046	4390	9743	3085	121728	4314	8774	34954	100623	3822	4899
Rhinogobius cliffordpopei	6	1751	3	74	0	67	7	15	55	3	0	9	17	3	7
Rhinogobius giurinus	15	193	5	10	7	45	5	29	419	209	21	104	161	8	414
Rhodeus fangi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodeus ocellatus	3	11	316	0	0	2	0	0	2	0	0	1	1	12	2
Rhodeus sinensis	6	0	0	0	0	0	0	0	6	0	57	0	0	0	0
Rhynchocypris oxycephalus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sarcocheilichthys sinensis	8	0	1	0	1	1	0	1	1	1	0	7	3	0	0
Saurogobio dabryi	36	38	25	32	5838	105	16	24	495	21	31	37	1111	134	83
Saurogobio dumerili	1	1	0	1	284	3	0	1	2	1	1	0	26	0	0
Saurogobio gracilicaudatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saurogobio gymnocheilus	41	76	32	29	49	195	225	25	314	13	9	30	50	19	37
Saurogobio lissilabris	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Silurus asotus	370	851	114	64586	6369	7071	557	459	4254	162	1413	23452	3140	913	1167
Silurus meridionalis	7	18	63	19	7282	40	15	11	23	3	26	21	20	13	12

Species	Site-47	Site-48	Site-49	Site-50	Site-51	Site-52	Site-53	Site-54	Site-55	Site-56	Site-57	Site-58	Site-59	Site-60	Site-61
Siniperca chuatsi	10	374	10	113178	8	14	10	280	5	5	9	39	11	5	5
Siniperca roulei	0	0	0	63	0	0	0	0	0	0	0	0	0	0	0
Siniperca scherzeri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sinobdella sinensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Squalidus argentatus	561	195	136	111	299	127	60	89	331	215	425	2470	406	109	240
Squaliobarbus curriculus	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Toxabramis swinhonis	6	4	0	3	0	0	5	0	8	0	0	12	0	0	0
Xenocypris davidi	15	16	71	506	2	1	0	5	6	1	0	5	2	0	1
Xenocypris fangi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Species	Site-62	Site-63	Site-64	Site-65	Site-66
Abbottina rivularis	15	34	18	10	5434
Acheilognathus chankaensis	23	1	69	6	1
Acheilognathus gracilis	2	0	0	2	0
Acheilognathus imberbis	2	0	0	2	0
Acheilognathus macropterus	0	5	1	0	0
***Acipenser* sp.**	0	0	0	0	0
Acrossocheilus paradoxus	1	0	0	0	0
Aristichthys nobilis	30	75	126	882	35
Bostrychus sinensis	0	0	0	0	0
Carassius auratus	2999	288	104	73	4089
Channa argus	11	24	5	17	20
Chanodichthys dabryi	43	0	2	0	129
Chanodichthys erythropterus	3	0	0	1	0
Chanodichthys mongolicus	0	0	0	0	0
Cobitis macrostigma	4	2	3	0	0
Coilia brachygnathus	2332	162	101	187	963
Coilia ectenes	0	0	0	0	0
Coreius heterodon	0	0	0	0	0
Ctenopharyngodon idellus	28	73	57	98	189
Culter alburnus	3	0	0	0	0
Culter oxycephaloides	0	0	0	0	0
Cyprinus carpio	1916	2208	400	360	12800
Elopichthys bambusa	0	0	0	0	0
Gnathopogon imberbis	0	0	0	0	0
Gobiobotia filifer	0	0	1	2	1
Hemibarbus labeo	4	6	0	0	8
Hemiculter bleekeri	0	0	0	0	0
Hemiculter leucisculus	0	0	0	0	0
Hemirhamphus intermedius	3	1407	5	92	2
Hypophthalmichthys molitrix	85	595	68	46	120
Leiocassis crassilabris	1	5	1	89	1
Megalobrama amblycephala	219	303	278	170	466
Megalobrama terminalis	0	0	0	0	0
Microphysogobio elongatus	0	0	0	0	0

Species	Site-62	Site-63	Site-64	Site-65	Site-66
Misgurnus anguillicaudatus	0	0	0	0	0
Monopterus albus	0	0	0	0	0
Mugilogobius myxodermus	0	7	0	1	2
Mylopharyngodon piceus	13	15	12	14	8
Ochetobius elongatus	16	8	10	0	20
Odontobutis potamophila	0	5	1	1	0
Odontobutis sinensis	0	0	0	0	0
Opsariichthys acutipinnis	256	306	1170	501	434
Parabotia fasciata	0	0	0	0	8
Parabramis pekinensis	0	0	0	0	0
Paramisgurnus dabryanus	0	0	0	0	1
Pelteobagrus eupogon	0	75	3	28	20
Pelteobagrus fulvidraco	8979	379630	8907	33393	31339
Pelteobagrus nitidus	355	156	579	129	14521
Planiliza affinis	0	0	0	0	0
Pseudobagrus ussuriensis	0	0	0	0	0
Pseudobrama simoni	20	76	117	22	22
Pseudolaubuca engraulis	12	0	3	9	6
Pseudolaubuca sinensis	5	12	3	4	25
Pseudorasbora parva	6927	2634	16973	5761	3869
Rhinogobius cliffordpopei	6	5	7	6	27
Rhinogobius giurinus	4	4	6	17	4
Rhodeus fangi	0	0	0	0	0
Rhodeus ocellatus	4	6	2	0	8
Rhodeus sinensis	3	0	1	3	2
Rhynchocypris oxycephalus	0	0	0	0	0
Sarcocheilichthys sinensis	1	4	0	0	4
Saurogobio dabryi	36	83	108	491	1786
Saurogobio dumerili	1	0	5	32	39
Saurogobio gracilicaudatus	0	0	0	0	0
Saurogobio gymnocheilus	20	1597	23	161	7
Saurogobio lissilabris	0	0	0	0	0
Silurus asotus	169	309	144	559	99
Silurus meridionalis	3	9	5	7	2

Species	Site-62	Site-63	Site-64	Site-65	Site-66
Siniperca chuatsi	3	10	1	11	7
Siniperca roulei	0	0	0	0	0
Siniperca scherzeri	0	0	0	0	0
Sinobdella sinensis	0	0	0	0	0
Squalidus argentatus	142	147	124	85	4088
Squaliobarbus curriculus	0	0	0	0	0
Toxabramis swinhonis	0	0	0	0	0
Xenocypris davidi	0	4	3	0	0
Xenocypris fangi	0	0	0	0	0