

琵琶湖固有ハゼ科魚類イサザ *Gymnogobius isaza*を1962年から毎年複数回・不定期に収集し、ホルマリンで固定した後70%エタノールに浸し標本として保存した。

L.Biwa : *Chaenogobius isaza*

Label	Collected Lives Name	Number	Collected Place	Collected Date	Note
Isz001	Chaenogobius isaza・Carassius spp.・Cottus pollux・Pseudogobio esocinus・Zacco platypus・Palaemoninae	many	Shiozu bay st. A	1962.3.28	Isaza seine net
Isz002	Chaenogobius isaza・Pelteobagrus nudiceps・Pseudogobio esocinus・Gnathopogon or Squalidus・Carassius spp.・Acheilognathinae	many	Onoe st. 1	1962.3.28	Isaza seine net
Isz003	Chaenogobius isaza・Carassius spp.	many	St. Be (Station of BST)	1962.5.17	Isaza seine net
Isz004	Bdellocephala annandalei・Palaemoninae (absence of Chaenogobius isaza)	many	St. Be (Station of BST)	1962.5.17	Isaza seine net
Isz005	Silurus spp.・Sarcocheilichthys spp.・Gnathopogon or Squalidus・Acheilognathinae・Palaemoninae	many	South of Southern Basin L.Biwa	1962.5.17	Isaza seine net
Isz006	Pelteobagrus nudiceps・Misgurnus spp.・Gnathopogon or Squalidus・Sarcocheilichthys spp.・Silurus spp.・Biwia zezera	many	St. J (off) (Station of BST)	1962.5.17	Isaza seine net
Isz007	Chaenogobius isaza	7	offMinamihira Depth25m	1962.5.20	Isaza seine net
Isz008	Hemibarbus spp.・Pseudogobio esocinus・Biwia zezera・Gnathopogon or Squalidus・Palaemoninae・Corbiculidae・Cottus pollux・Semisulcospira spp.・Viviparidae・Rhinogobius spp.	many	Kensaki st.A	1962.8.28	(1)5:35～6:07 (2)6:25～6:55
Isz009	Rhinogobius spp.・Biwia zezera・Palaemoninae	many	offHayazaki	1962.9.26	Isaza seine net 8:20
Isz010	Palaemoninae・Pseudogobio esocinus・Cottus pollux	many	offHachimann	1962.10.23	Isaza seine net 12:00
Isz011	Pseudogobio esocinus・Chaenogobius isaza・Palaemoninae	many	off the southeast coast of the island of Okshima	1962.10.23	Isaza seine net 13:00
Isz012	Carassius spp.・Procambarus clarkii・Palaemoninae・Gnathopogon or Squalidus・Bdellocephala annandalei	many	offChinai	1962.10.23	Isaza seine net 10:40
Isz013-a	Pseudogobio esocinus・Chaenogobius isaza・Palaemoninae	many	offInae	1962.10.23	Isaza seine net 8:15
Isz013-b	Chaenogobius isaza・Gnathopogon or Squalidus	many	offIshidera	1962.10.23	Isaza seine net 9:10
Isz014	Pseudogobio esocinus・Chaenogobius isaza・Biwia zezera・Palaemoninae・Rhinogobius spp.	many	the center of Shiozu bay	1962.10.24	Isaza seine net
Isz015	Biwia zezera・Chaenogobius isaza・Palaemoninae・Rhinogobius spp.	many	offHayasaki	1962.10.24	Isaza seine net
Isz016	Biwia zezera・Chaenogobius isaza・Palaemoninae・Rhinogobius spp.	many	offNkahama	1962.10.24	Isaza seine net
Isz017	Cottus pollux・Carassius spp.・Gnathopogon or Squalidus・Biwia zezera・Rhinogobius spp.	many	the mouth of Shiozu bay	1962.10.24	Isaza seine net
Isz018	Gnathopogon or Squalidus・Pseudogobio esocinus・Chaenogobius isaza・Palaemoninae	many	offKizu 36(m:Depth?)	1962.10.26	Isaza seine net
	Cottus pollux・Carassius spp.・Bdellocephala annandalei				

Label	Collected Lives Name	Number	Collected Place	Collected Date	Note
Isz019	Biwia zezera・Pseudogobio esocinus・Gnathopogon or Squalidus・Cottus pollux・Palaemoninae・Chaenogobius isaza Pseudogobio esocinus・Cottus pollux・Chaenogobius isaza・Carassius spp.・Gnathopogon or Squalidus・Palaemoninae	many	offHachimann 20(m:Depth?)	1962.10.26	Isaza seine net
Isz020		many	offOihake	1962.10.26	Isaza seine net
Isz021	Chaenogobius isaza	31	the island of Chikubu	1962.11.2	
Isz022	Chaenogobius isaza・Carassius spp.・Pelteobagrus nudiceps Opsariichthys uncirostris・Pseudogobio esocinus・Biwia zezera・Gnathopogon or Squalidus・Chaenogobius isaza・Pelteobagrus nudiceps・Palaemoninae	many	the mouth of Shiozu bay,deep parts (1/14?)	1962.12.9	Gnathopogon seine net
Isz023		many	bought in Imazu	1963.2.5	
Isz024	Chaenogobius isaza	about 30	?	1963.2.5	
Isz025	Carassius spp.・Acheilognathinae (absence of Chaenogobius isaza)	≥10	(ERI) fixed net near the shore in Onoe	1963.3.24	
Isz026	Chaenogobius isaza Cyprinus carpio・Pseudogobio esocinus・Carassius spp.・Chaenogobius isaza・Oncorhynchus masou rhodurusの幼魚・Cottus Chaenogobius isaza・Gnathopogon or Squalidus・Acheilognathinae・Plecoglossus altivelis altivelis・Pseudogobio esocinus・Palaemoninae・Silurus spp.・tadpole・Sarcocheilichthys spp.Sarcocheilichthys spp.	many	4 Oosaki	1963.4.18	Isaza (spawner)
Isz027		many	offHayasaki	1963.5.25	Gnathopogon seine net
Isz028		many	bought these caught in fixed net in Nishino	1963.6.17	
Isz029	Biwia zezera・Chaenogobius isaza・Palaemoninae	many(sma II individual)	Kitakomatsu	1963.9.	
Isz030	Chaenogobius isaza・Palaemoninae	>30	Kitakomatsu	1963.9.	Isaza seine net
Isz031	Chaenogobius isaza	about 20		1963.9.	
Isz032	Chaenogobius isaza・Palaemoninae	many	Onoe	1963.9.11	am1-2 Isaza 40-50, am2:30-3:30 Isaza 40 ~50, am5-6 Isaza 4Kg, am6:30-7:30 Isaza
Isz033	Chaenogobius isaza・Palaemoninae	many	Onoe Depth30～38m	1963.9.25	Isaza seine net
Isz034	Chaenogobius isaza	<20	Kitakomatsu	1963.1	
Isz035	Chaenogobius isaza・Palaemoninae	<50	Kitakomatsu	1963.1	
Isz036	Chaenogobius isaza・Palaemoninae・Bdellocephala annandalei・Jesogammarus annandalei	<30	offSuginohana Depth50m	1963.10.19	Isaza seine net 7:30～9:30
Isz037	Chaenogobius isaza・Palaemoninae	many	Western of the island of Chikubu Depth60～75m	1963.10.25	Isaza seine net
Isz038	Chaenogobius isaza	>100	Kitakomatsu	1963.11.10	Isaza seine net
Isz039	Chaenogobius isaza Carassius spp.・Chaenogobius isaza・Acheilognathinae・Biwia zezera・Plecoglossus altivelis altivelis(fry)Plecoglossus altivelis altivelis	>100	Kitakomatsu	1963.11.10	Isaza seine net
Isz040		many	bought in Onoe	1963.11.9	(spawner)
Isz041	Chaenogobius isaza・Palaemoninae	many	offSugnoihana Depth53～60m	1963.11.10	Isaza seine net
Isz042	Chaenogobius isaza・Palaemoninae・Cottus pollux・Gnathopogon or Squalidus	many	offKensaki in Onoe Depht60～68m	1963.11.25	

Label	Collected Lives Name	Number	Collected Place	Collected Date	Note
Isz043	Palaemoninae·Chaenogobius isaza	<50	offSugnoihana	1963.11.27	Isaza seine net 6:30~8:00
Isz044	Palaemoninae·Chaenogobius isaza·Carassius spp.	<50	offSugnoihana	1963.11.27	am9:30~10:30
Isz045	Opsariichthys uncirostris·Chaenogobius isaza·Palaemoninae·Biwia zezera	many	bought in Kensaki(Onoe)	1964.1.2	Isaza seine net
Isz046	Chaenogobius isaza·Opsariichthys uncirostris	many	Onoe	1964.2.12	Isaza seine net
Isz047	Spongillidae·Pseudogobio esocinus·Chaenogobius fry of isaza·Procambarus clarkii	many	Between Hyasaki and the island of Chikubi	1964.7.3	Isaza seine net
Isz048	Chaenogobius isaza·Pseudogobio esocinus·Cottus pollux	many	offHayasaki	1964.7.28	Isaza seine net
Isz049	Chaenogobius isaza·Cottus pollux	many	offChinai	1964.7.28	Isaza seine net
Isz050	Chaenogobius isaza·Bdellocephala annandalei	3	offTsuzuraozaki	1964.7.3	Isaza seine net
Isz051	Chaenogobius isaza·Palaemoninae·Cottus pollux	many	offHayasaki	1964.8.27	Isaza seine net 7:20
Isz052	Chaenogobius isaza	many	offChinai	1964.8.27	Isaza seine net 9:00
Isz053	Chaenogobius isaza	many	offChinai	1964.8.27	Isaza seine net 8:00
Isz054	Chaenogobius isaza·Palaemoninae	many	the island of Okisima	1964.10.25	Isaza seine net
Isz055	Chaenogobius isaza	many	offKensaki in Onoe	1964.10.27	Isaza seine net
Isz056	Chaenogobius isaza	many	Onoe	1964.11.10	Isaza seine net
Isz057	Chaenogobius isaza	many	Onoe	1964.11.10	Isaza seine net
Isz058	Chaenogobius isaza	many	Onoe	1964.11.25	Isaza seine net
Isz059	Chaenogobius isaza·Palaemoninae	many	Onoe	1964.12.10	Isaza seine net ,South
Isz060	Chaenogobius isaza	many	Onoe	1964.12.10	Isaza seine net ,North
Isz061	Chaenogobius isaza	many	Tinai	1964.12.10	
Isz062	Chaenogobius isaza·Palaemoninae	many	Onoe	1964.12.25	Isaza seine net
Isz063	Chaenogobius isaza	about 30		1965.1.25	
Isz064	Chaenogobius isaza	many	Onoe	1965.2.25	Isaza seine net
Isz065	Chaenogobius isaza	many	offOnoe	1965.8.11	test net
Isz066	Chaenogobius isaza·Palaemoninae	many	offSugoshi	1965.11.26	Isaza seine net
Isz067	Plecoglossus altivelis altivelis·Cottus pollux·Carassius spp.	many	offOnoe	1966.1.8	test net
Isz068	Chaenogobius isaza·Plecoglossus altivelis altivelis	many	Onoe	1967.7.16	test net, 1 time
Isz069	Chaenogobius isaza·Palaemon paucidens·Palaemon paucidens·Pelteobagrus nudiceps	several hundred	close to Okshima	1964.1.7	
Isz070	Chaenogobius isaza·Palaemon paucidens	several hundred	offTsuzuraozaki	1964.1.13	
Isz071	Chaenogobius isaza·Biwia zezera	several hundred	Okshima	1964.1.19	
Isz072	Chaenogobius isaza	many	Mizuho Oosakiide Dept30~35m	1964.1.25	
Isz073	Chaenogobius isaza·Palaemon paucidens	>100		1964.2.5	
Isz074	Chaenogobius isaza·Biwia zezera	decades	Katata	1964.2.17	
Isz075	Chaenogobius isaza	decades	bought in Katata	1964.3.7	
Isz076	Chaenogobius isaza·Opsariichthys uncirostris	many		1964.4.9	Isaza seine net the final in this season (ERI) fixed net near the shore
Isz077	Chaenogobius isaza·Carassius cuvieri·Palaemon paucidens	many	Onoe	1964.5.10	
Isz078	Chaenogobius isaza·Pseudogobio esocinus	several hundred	Between Hyasaki and the island of Chikubi	1964.7.3	
Isz079	Chaenogobius isaza	many	Between Tsuzuraozaki and Kensaki2	1964.7.28	Isaza seine net
Isz080	Chaenogobius isaza	several hundred	offChinai	1964.7.28	

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Isz081	Chaenogobius isaza	many	Between Tsuzuraozaki and Kensaki1	1964.7.28	Isaza seine net
Isz082	Chaenogobius isaza·Palaemon paucidens	several hundred	Kensaki	1964.8.27	
Isz083	Chaenogobius isaza·Palaemon paucidens	several hundred	offChinai Depth8–10m	1964.8.27	Isaza seine net, 2 times
Isz084	Chaenogobius isaza·Palaemon paucidens	several hundred	Kensaki	1964.8.27	Isaza seine net 11:00
Isz085	Chaenogobius isaza·Plecoglossus altivelis altivelis·Pseudogobio esocinus·Palaemon paucidens·Astacidea	many	offHayasaki1	1964.8.31	
Isz086	Chaenogobius isaza·Palaemon paucidens	several hundred	Onoe	1964.9.10	
Isz087	Chaenogobius isaza·Palaemon paucidens	several hundred	offSuginohana in Onoe	1964.10.10	Isaza seine net
Isz088	Chaenogobius isaza·Palaemon paucidens·Jesogammarus	many	Southern of Kensaki(Oosakiide)	1964.10.10	
Isz089	Chaenogobius isaza·Palaemon paucidens·Jesogammarus annandalei·Cottus pollux	many	offSuginohana	1964.10.12	Isaza seine net
Isz090	Chaenogobius isaza	many	Kensaki in Onoe	1964.10.27	Isaza seine net
Isz091	Chaenogobius isaza	many	Onoe	1964.11.25	
Isz092	Chaenogobius isaza·Palaemoninae	many	Chinai	1964.12.3	
Isz093	Chaenogobius isaza	many	Onoe	1964.12.25	
Isz094	Chaenogobius isaza·Palaemoninae·Carassius spp.	many	Onoe	1965.1.10	Isaza seine net ,North
Isz095	Chaenogobius isaza·Palaemon paucidens·Biwia zezera·Cottus pollux	many	Southern of Onoe	1965.1.10	
Isz096	Chaenogobius isaza·Palaemoninae	many	Onoe	1965.1.25	Isaza seine net ,North
Isz097	Chaenogobius isaza·Palaemon paucidens	many	Southern of Onoe	1965.1.25	
Isz098	Chaenogobius isaza·Carassius spp.·Silurus spp.	many	Onoe	1965.2.10	
Isz099	Chaenogobius isaza·Palaemon paucidens	many	Onoe	1965.2.10	
Isz100	Chaenogobius isaza·Palaemon paucidens·Carassius spp.	many	Onoe	1965.2.25	
Isz101	Chaenogobius isaza·Palaemoninae	many	Onoe	1965.3.10	Isaza seine net
Isz102	Chaenogobius isaza·Palaemoninae·Plecoglossus altivelis altivelis	many	Onoe	1965.3.10	Isaza seine net
Isz103	Chaenogobius isaza·Palaemoninae·Plecoglossus altivelis altivelis	many	Onoe	1965.3.25	
Isz104	Chaenogobius isaza·Palaemoninae	many	Onoe	1965.3.25	
Isz105	Chaenogobius isaza·Opsariichthys uncirostris·Palaemoninae	many	Chinai	1965.3.	Isaza seine net
Isz106	Chaenogobius isaza·Opsariichthys uncirostris	many	Onoe	1965.4.15	(spawner)
Isz107	Chaenogobius isaza·Biwia zezera·Palaemoninae·Cottus pollux	many		1965.5.16	(spawner)
Isz108	Chaenogobius isaza·Jesogammarus annandalei·Cottus pollux·Palaemoninae·Plecoglossus altivelis altivelis	many	Onoe(Kensaki)	1965.7.12	test net
Isz109	Chaenogobius isaza·Palaemoninae·Plecoglossus altivelis altivelis·Cottus pollux	many	offOnoe	1965.8.12	Isaza seine net
Isz110	Chaenogobius isaza	many	offOnoe(test net)	1965.8.12	test net
Isz111	Chaenogobius isaza·Jesogammarus annandalei·Palaemoninae·Biwia zezera	many	Kensaki_Kazedai in Onoe	1965.9.14	Isaza seine net
Isz112	Chaenogobius isaza·Jesogammarus annandalei·Palaemoninae	many	Onoe	1966.10.10	

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Isz113	Chaenogobius isaza	many	offOnoe	1965.10.11	
Isz114	Chaenogobius isaza・Palaemoninae	many	offOnoe(1)	1965.10.11	Isaza seine net
Isz115	Chaenogobius isaza・Palaemoninae	many	offSugoshi	1965.10.28	Isaza seine net
Isz116	Chaenogobius isaza・Palaemoninae・Biwia zezera	many	offOnoe	1965.11.11	Isaza seine net
Isz117	Chaenogobius isaza・Palaemoninae・Biwia zezera	many	Onoe	1965.12.10	Isaza seine net
Isz118	Chaenogobius isaza・Palaemoninae	many	Sugoshi	1965.12.	Isaza seine net
Isz119	Chaenogobius isaza・Palaemoninae・Biwia zezera・Opsariichthys uncirostris・Carassius spp.	many	Onoe	1966.1.10	
Isz120	Chaenogobius isaza・Palaemoninae	many	Sugoshi	1966.1.	Isaza seine net
Isz121	Chaenogobius isaza・Palaemoninae・Biwia zezera・Opsariichthys uncirostris・Carassius spp.	many	Onoe	1966.2.10	
Isz122	Chaenogobius isaza・Palaemoninae・Plecoglossus altivelis altivelis	many	Onoe	1966.5.10	
Isz123	Chaenogobius isaza・Palaemoninae・Biwia zezera	many	Onoe	1966.3.10	Isaza seine net
Isz124	Chaenogobius isaza・Palaemoninae	many	Onoe	1966.4.9	Isaza seine net
Isz125	Chaenogobius isaza・Acheilognathus cyanostigma・Palaemoninae	many	Ootsu (ERI) fixed net near the shore in Onoe	1966.4.17	Isaza seine net (spawner)
Isz126	Chaenogobius isaza・Palaemoninae・Acheilognathus cyanostigmaAcheilognathus cyanostigma・Plecoglossus altivelis altivelis	many	(ERI) fixed net near the shore in Ooura	1966.4.24	Isaza seine net (spawner)
Isz127	Chaenogobius isaza・Palaemoninae	many	(ERI) fixed net near the shore in Onoe	1966.5.25	Isaza seine net (spawner)
Isz128	Chaenogobius isaza・Palaemoninae	many	Onoe	1966.7.10	Isaza seine net
Isz129	Chaenogobius isaza・Palaemoninae	many	Onoe	1966.9.10	
Isz130	Chaenogobius isaza・Palaemoninae	many	Onoe	1966.11.10	
Isz130	Chaenogobius isaza・Palaemoninae・Cottus pollux・Acheilognathus cyanostigma	many	Onoe	1970.5.28	(ERI) fixed net near the shore(spawner)
Isz132	Chaenogobius isaza・Biwia zezera・Palaemoninae・Carassius spp.	many	Onoe	1967.1.10	
Isz133	Chaenogobius isaza・Palaemoninae・Squalidus spp.	many	Onoe	1967.2.10	
Isz134	Chaenogobius isaza・Palaemoninae・Squalidusspp.・Plecoglossus altivelis altivelis・Opsariichthys uncirostris	many	Onoe	1967.3.10	
Isz135	Chaenogobius isaza・Palaemoninae	decades	Onoe	1967.8.12	test net
Isz136	Chaenogobius isaza・Palaemoninae・Jesogammarus annandalei	many		1967.9.23	
Isz137	Chaenogobius isaza・Palaemoninae	many	Onoe	1967.10.10	Isaza seine net
Isz138	Chaenogobius isaza・Biwia zezera・Palaemoninae	many	Onoe	1967.11.10	Isaza seine net
Isz139	Chaenogobius isaza・Palaemoninae・Oncorhynchus masou rhodurus	many	Onoe	1968.1.10	
Isz140	Chaenogobius isaza・Palaemoninae・Squalidus spp.・Plecoglossus altivelis altivelis・Oncorhynchus masou rhodurusOncorhynchus masou rhodurus	many	Onoe	1968.2.10	
Isz141	Chaenogobius isaza・Opsariichthys uncirostris・Plecoglossus altivelis altivelis(fry)・Oncorhynchus masou rhodurus・Palaemoninae・デメ or スゴGnathopogon or Squalidus・Pelteobagrus nudiceps	several hundred	Onoe	1968.3.10	
Isz142	Chaenogobius isaza・Palaemoninae	many	Onoe	1968.8.25	
Isz143	Chaenogobius isaza・Palaemoninae	many	Onoe	1968.9.10	
Isz144	Chaenogobius isaza・Palaemoninae	many	Onoe	1968.10.10	Isaza seine net

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Isz145	Chaenogobius isaza・Palaemoninae	many	Onoe	1968.11.13	
Isz146	Chaenogobius isaza・Palaemoninae	decades		1968.11.13	
Isz147	Chaenogobius isaza・Palaemoninae・Squalidus spp.・Cottus pollux	many	Onoe	1968.12.10	
Isz148	Chaenogobius isaza・Cottus pollux	decades		1968.12.10	
Isz149	Chaenogobius isaza・Palaemoninae・Opsariichthys uncirostris	many	Onoe	1969.1.10	
Isz150	Chaenogobius isaza・Palaemoninae	decades		1969.1.10	
Isz151	Chaenogobius isaza・Palaemoninae	many	Onoe	1969.2.10	
Isz152	Chaenogobius isaza・Palaemoninae	several		1969.2.10	
Isz153	Chaenogobius isaza・Palaemoninae・Biwia zezera・Carassius spp.	many	Onoe	1969.3.10	
Isz154	Chaenogobius isaza・Palaemoninae	decades		1969.3.10	
Isz155	Chaenogobius isaza・Palaemoninae	many	Onoe	1969.4.9.	
Isz156	Chaenogobius isaza・Palaemoninae	decades		1969.4.9.	
Isz157	Chaenogobius isaza (spawner)・Palaemoninae・Cottus pollux	decades	Onoe	1969.5.15	
Isz158	Chaenogobius isaza	decades		1969.5.15	
Isz159	Chaenogobius isaza・Palaemoninae	many	Onoe	1969.9.20	
Isz160	Chaenogobius isaza・Palaemoninae	many	Onoe	1969.10.9	
Isz161	Chaenogobius isaza・Palaemoninae	many	Onoe	1969.11.7	
Isz162	Chaenogobius isaza・Palaemoninae	many	Onoe	1969.12.5	
Isz163	Chaenogobius isaza・Palaemoninae・Squalidus spp.・Carassius spp.・Biwia zezera	many	Onoe	1970.1.10	
Isz164	Chaenogobius isaza・Palaemoninae・Squalidus spp.・Carassius spp.	many	Onoe	1970.2.10	
Isz165	Chaenogobius isaza産卵群・Cottus pollux・Palaemoninae	many	Onoe	1971.4.10	(ERI) fixed net near the shore
Isz166	Chaenogobius isaza産卵群・Palaemoninae	many	Onoe	1971.6.5	(ERI) fixed net near the shore
Isz167	Chaenogobius isaza・Palaemoninae	many	Onoe	1970.3.9	
Isz168	Chaenogobius isaza産卵群・Palaemoninae・Plecoglossus altivelis altivelis・Biwia zezera・Acheilognathus cyanostigma	many	Onoe	1970.4.9	(ERI) fixed net near the shore
Isz169	Chaenogobius isaza・Palaemoninae・Squalidus spp.	many	Onoe	1970.4.9	
Isz170	Chaenogobius isaza産卵群・Palaemoninae・Acheilognathus cyanostigma・Oncorhynchus masou	many	Onoe	1970.5.8	(ERI) fixed net near the shore
Isz171	rhodurus・Plecoglossus altivelis altivelis				
Isz171	Chaenogobius isaza・Palaemoninae・Jesogammarus annandalei	many	Onoe	1970.10.10	
Isz172	Chaenogobius isaza・Palaemoninae・Carassius spp.	many	Onoe	1970.11.10	
Isz173	Chaenogobius isaza・Palaemoninae	many	Onoe	1970.12.10	
Isz174	Chaenogobius isaza・Palaemoninae・Gnathopogon or Squalidus	many	Onoe	1971.1.10	
Isz175	Chaenogobius isaza・Palaemoninae・Gnathopogon or Squalidus・Biwia zezera	many	Onoe	1971.2.10	
Isz176	Chaenogobius isaza・Palaemoninae	many	Onoe	1971.3.10	
Isz177	Chaenogobius isaza・Palaemoninae	many	Onoe	1971.4.8	
Isz178	Chaenogobius isaza・Palaemoninae	many	Onoe	1971.10.12	
Isz179	Chaenogobius isaza・Palaemoninae	many	Onoe	1971.11.10	
Isz180	Chaenogobius isaza・Palaemoninae・Gnathopogon or Squalidus	many	Onoe	1971.12.10	
Isz181	Chaenogobius isaza・Palaemoninae・Gnathopogon or Squalidus・Zacco platypus	many	Onoe	1972.1.10	
Isz182	Chaenogobius isaza・Palaemoninae・Biwia zezera・Gnathopogon or Squalidus	many	Onoe	1972.2.10	

Label	Collected Lives Name	Number	Collected Place	Collected Date	Note
Isz183	Chaenogobius isaza産卵群・ Palaemoninae・Plecoglossus altivelis many altivelis	Onoe		1972.5.10	
Isz184	Chaenogobius isaza産卵群・ Palaemoninae・Plecoglossus altivelis many altivelis	Onoe		1972.5.24	
Isz185	Chaenogobius isaza産卵群・ Palaemoninae・Opsariichthys uncirostris・Plecoglossus altivelis altivelis	many	Onoe	1972.4.8	
Isz186	Chaenogobius isaza産卵群・ Palaemoninae	many	Onoe	1972.4.25	
Isz187	Chaenogobius isaza産卵群・ Palaemoninae	many	Onoe	1972.4.25	
Isz188	Chaenogobius isaza・Palaemoninae	many	Onoe	1972.3.10	
Isz189	Chaenogobius isaza産卵群・ Palaemoninae・Plecoglossus altivelis	many	Onoe	1972.6.10	
Isz190	Chaenogobius isaza・Palaemoninae	many	Onoe	1972.9.7	
Isz191	Chaenogobius isaza・Palaemoninae	many	Onoe	1972.10.10	
Isz192	Chaenogobius isaza・Palaemoninae	many	Onoe	1972.11.9	
Isz193	Chaenogobius isaza・Palaemoninae	many	Onoe	1972.12.8	
Isz194	Chaenogobius isaza・Palaemoninae・ Zacco platypus	many	Onoe	1973.1.10	
Isz195	Chaenogobius isaza・Palaemoninae	many	Onoe	1973.2.13	
Isz196	Chaenogobius isaza(spawner)・ Palaemoninae・Acheilognathinae・ Cottus pollux・Plecoglossus altivelis altivelis	many	Onoe	1973.4.8	(ERI) fixed net near the shore
Isz197	Chaenogobius isaza・Palaemoninae・ Plecoglossus altivelis altivelis・ Pelteobagrus nudiceps・ Jesogammarus annandalei	many	Onoe	1973.4.8	a trawl net
Isz198	Chaenogobius isaza・Palaemoninae・ Plecoglossus altivelis altivelis・ Pseudorasbora parva	many	Onoe	1973.3.8	
Isz199	Palaemoninae・Cottus pollux・ Acheilognathus cyanostigma	many	Onoe	1973.5.13	
Isz200	Chaenogobius isaza・Palaemoninae・ Cottus pollux	many	Onoe	1973.5.16	
Isz201	Chaenogobius isaza・Palaemoninae・ Plecoglossus altivelis altivelis	many	Onoe	1973.10.10	
Isz202	Chaenogobius isaza・Palaemoninae・ Zacco platypus	many	Onoe	1973.11.12	
Isz203	Chaenogobius isaza・Palaemoninae	many	Onoe	1973.12.10	
Isz204	Chaenogobius isaza・Palaemoninae・ Opsariichthys uncirostris・Carassius spp.	many	Onoe	1974.1.12	
Isz205	Chaenogobius isaza・Palaemoninae	many	Onoe	1974.2.14	
Isz206	Chaenogobius isaza・Palaemoninae・ Pelteobagrus nudiceps	many	Onoe	1974.3.15	
Isz207	Chaenogobius isaza・Palaemoninae	many	Onoe	1974.4.9	
Isz208	Chaenogobius isaza・Palaemoninae	many	Onoe	1974.9.26	
Isz209	Chaenogobius isaza・Palaemoninae	many	Onoe	1974.10.17	
Isz210	Chaenogobius isaza・Palaemoninae・ Jesogammarus annandalei	many	Onoe	1974.11.3	
Isz211	Chaenogobius isaza・Palaemoninae・ Plecoglossus altivelis altivelis・ Pseudogobio esocinus	many	Onoe	1974.11.30	
Isz212	Chaenogobius isaza・Palaemoninae・ Pelteobagrus nudiceps	many	Onoe	1974.12.22	
Isz213	Chaenogobius isaza・Palaemoninae	many	Onoe	1975.1.10	
Isz214	Chaenogobius isaza・Palaemoninae・ Carassius spp.	many	Onoe	1975.2.10	

Label	Collected Lives Name	Number	Collected Place	Collected Date	Note
Isz215	Chaenogobius isaza·Palaemoninae·Gnathopogon or Squalidus	many	Onoe	1975.3.10	
Isz216	Chaenogobius isaza	many	Onoe	1975.4.8	
Isz217	Chaenogobius isaza(spawner)·Cottus pollux	many	(ERI) fixed net near the shore in Onoe	1975.4.26	
Isz218	Chaenogobius isaza	many	Onoe	1975.9.30	
Isz219	Chaenogobius isaza·Palaemoninae	many	Onoe	1975.10.28	
Isz220	Chaenogobius isaza	many	Onoe	1975.11.10	
Isz221	Chaenogobius isaza·Palaemoninae·Jesogammarus annandalei	many	Onoe	1975.12.10	
Isz222	Chaenogobius isaza	many	Onoe	1976.1.10	a trawl net
Isz223	Chaenogobius isaza	many	Onoe	1976.2.10	
Isz224	Chaenogobius isaza	many	Onoe	1976.9.10	
Isz225	Chaenogobius isaza	many	Onoe	1976.10.10	
Isz226	Chaenogobius isaza	many	Onoe	1976.11.10	
Isz227	Chaenogobius isaza	many	Onoe	1976.2.10	rotten
Isz228	Chaenogobius isaza	many	Onoe	1977.1.10	
Isz229	Chaenogobius isaza	many	Onoe	1977.2.10	a trawl net (Depth 60m)
Isz230	Chaenogobius isaza	many	Onoe	1977.2.28	
Isz231	Chaenogobius isaza(spawner)	many	(ERI) fixed net near the shore in Onoe	1977.4.24	
Isz232	Chaenogobius isaza	many	Onoe	1977.9.7	
Isz233	Chaenogobius isaza	many	Onoe	1977.11.17	
Isz234	Chaenogobius isaza	many	Onoe	1977.12.10	
Isz235	Chaenogobius isaza	many	Onoe	1978.1.10	
Isz236	Chaenogobius isaza	many	Onoe	1978.2.10	
Isz237	Chaenogobius isaza	many	Onoe	1978.3.10	
Isz238	Chaenogobius isaza	many	(ERI) fixed net near the shore in Onoe	1978.4.10	
Isz239	Chaenogobius isaza·Palaemoninae		Onoe	1978.8.29	
Isz240	Chaenogobius isaza	many	Onoe	1978.9.10	
Isz241	Chaenogobius isaza	many	Onoe	1978.11.10	
Isz242	Chaenogobius isaza	many	Onoe	1978.12.13	
Isz243	Chaenogobius isaza	many	Onoe	1979.1.10	
Isz244	Chaenogobius isaza	many	Onoe	1979.2.11	
Isz245	Chaenogobius isaza	many	Onoe	1979.3.14	
Isz246	Chaenogobius isaza(spawner)	many	Onoe	1979.4.10	
Isz247	Chaenogobius isaza(spawner)	many	Onoe	1979.5.16	
Isz248	Chaenogobius isaza	many	Onoe	1979.9.10	
Isz249	Chaenogobius isaza	many	Onoe	1979.10.10	
Isz250	Chaenogobius isaza	many	Onoe	1979.11.9	
Isz251	Chaenogobius isaza	many	Onoe	1980.2.10	
Isz252	Chaenogobius isaza	many	Onoe	1980.3.10	
Isz253	Chaenogobius isaza·Palaemoninae	many	Onoe	1980.4.5	
Isz254	Chaenogobius isaza	many	offSuginohana	1980.9.10	Isaza seine net
Isz255	Chaenogobius isaza	many	Onoe	1980.10.10	
Isz256	Chaenogobius isaza		Onoe	1980.11.10	rotten
Isz257	Chaenogobius isaza·Palaemoninae	many	Onoe	1981.1.10	
Isz258	Chaenogobius isaza	many	Onoe	1981.2.10	
Isz259	Chaenogobius isaza·Palaemoninae	many	Onoe	1981.3.10	
Isz260	Chaenogobius isaza	many	Onoe	1981.9.10	
Isz261	Chaenogobius isaza	many	Onoe	1981.10.10	
Isz262	Chaenogobius isaza	many	Onoe	1981.11.10	
Isz263	Chaenogobius isaza·Palaemoninae	many	Onoe	1981.12.10	
Isz264	Chaenogobius isaza	many	Onoe	1982.3.10	
Isz265	Chaenogobius isaza·Cottus pollux	many	Onoe	1982.9.20	
Isz266	Chaenogobius isaza	many	Onoe	1982.10.10	
Isz267	Chaenogobius isaza	many	Onoe	1982.11.10	
Isz268	Chaenogobius isaza	many	Onoe	1982.12.10	
Isz269	Chaenogobius isaza	many	Onoe	1983.3.10	
Isz270	Chaenogobius isaza	many	Onoe	1983.3.29	
Isz271	Chaenogobius isaza	many	Onoe	1983.10.10	
Isz272	Chaenogobius isaza	many	Onoe	1983.11.10	
Isz273	Chaenogobius isaza	many	Onoe	1983.12.10	
Isz274	Chaenogobius isaza	many	Onoe	1983.1.10	

Label	Collected Lives Name	Number	Collected Place	Collected Date	Note
Isz275	Chaenogobius isaza	many	Onoe	1984.2.10	
Isz276	Chaenogobius isaza	many	Onoe	1984.3.10	
Isz277	Chaenogobius isaza	many	Onoe	1984.3.12	
Isz278	Chaenogobius isaza・Palaemoninae	many	Onoe	1984.3.20	a trawl net
Isz279	Chaenogobius isaza (spawner)	many	(ERI) fixed net near the shore in Onoe	1984.4.10	a trawl net
Isz280	Chaenogobius isaza	many	Onoe	1984.4.10	
Isz281	Chaenogobius isaza	many	Onoe	1984.9.10	
Isz282	Chaenogobius isaza	many	Onoe	1984.10.10	rotten
Isz283	Chaenogobius isaza	many	Onoe	1984.11.10	
Isz284	Chaenogobius isaza	many	Onoe	1984.12.10	
Isz285	Chaenogobius isaza	many	Onoe	1986.10.10	
Isz286	Chaenogobius isaza	many	Onoe	1985.1.10	
Isz287	Chaenogobius isaza	many	Onoe	1985.3.10	
Isz288	Chaenogobius isaza (spawner)	many	(ERI) fixed net near the shore in Onoe	1985.4.10	
Isz289	Chaenogobius isaza	many	Onoe	1985.11.10	
Isz290	Chaenogobius isaza	many	Onoe	1985.12.10	
Isz291	Chaenogobius isaza・Palaemoninae	many	Onoe	1986.1.10	
Isz292	Chaenogobius isaza	many	Onoe	1986.2.10	
Isz293	Chaenogobius isaza・Jesogammarus annandalei	many	Onoe	1986.3.10	
Isz294	Chaenogobius isaza・Palaemoninae・Jesogammarus annandalei	many	a trawl net in Onoe	1986.4.10	
Isz295	Chaenogobius isaza (spawner)・Palaemoninae	many	(ERI) fixed net near the shore in Onoe	1986.4.10	
Isz296	Chaenogobius isaza (spawner)・Palaemoninae	many	(ERI) fixed net near the shore in Onoe	1986.4.27	
Isz297	Chaenogobius isaza (spawner)	many	(ERI) fixed net near the shore in Onoe	1986.5.2	
Isz298	Chaenogobius isaza (spawner)	many	(ERI) fixed net near the shore in Onoe	1986.5.15	
Isz299	Chaenogobius isaza	many	Onoe	1986.9.10	
Isz300	Chaenogobius isaza	many	Onoe	1986.11.10	
Isz301	Chaenogobius isaza	many	Onoe	1986.12.10	
Isz302	Chaenogobius isaza	many	Onoe	1987.1.15	
Isz303	Chaenogobius isaza	many	Onoe	1987.2.10	
Isz304	Chaenogobius isaza	many	Onoe	1987.3.10	
Isz305	Chaenogobius isaza・Jesogammarus annandalei	many	Onoe	1987.10.15	
Isz306	Chaenogobius isaza・Jesogammarus annandalei	many	Onoe	1987.11.11	
Isz307	Chaenogobius isaza	many	Onoe	1987.12.9	
Isz308	Chaenogobius isaza	many	Onoe	1988.1.10	
Isz309	Chaenogobius isaza・Palaemoninae	many	Onoe	1988.2.10	
Isz310	Chaenogobius isaza	many	Onoe	1988.3.10	
Isz311	Chaenogobius isaza・Palaemoninae	many	Onoe	1988.4.7	a trawl net
Isz312	Chaenogobius isaza	many	Onoe	1988.4.19	(ERI) fixed net near the shore
Isz313	Chaenogobius isaza・Palaemoninae	many	Onoe	1988.4.21	(ERI) fixed net near the shore
Isz314	Chaenogobius isaza	many	Onoe	1988.5.6	(ERI) fixed net near the shore
Isz315	Chaenogobius isaza	many	Onoe	1988.10.10	
Isz316	Chaenogobius isaza	many	Onoe	1988.11.9	
Isz317	Chaenogobius isaza	many	Onoe	1988.12.10	
Isz318	Chaenogobius isaza・Palaemoninae	many	Onoe	1989.1.12	
Isz319	Chaenogobius isaza	many	Onoe	1989.2.14	
Isz320	Chaenogobius isaza・Palaemoninae	many	Onoe	1989.3.9	
Isz321	Chaenogobius isaza	many	Onoe	1989.5.10	a trawl net
Isz322	Chaenogobius isaza	many	Onoe	1989.12.8	
Isz323	Chaenogobius isaza・Palaemoninae	many	Onoe	1990.3.10	
Isz324	Chaenogobius isaza・Palaemoninae	many	Onoe	1990.12.13	
Isz325	Chaenogobius isaza・Palaemoninae	many	Onoe	1991.3～4.	(ERI) fixed net near the shore

Label	Collected Lives Name	Number	Collected Place	Collected Date	Note
Isz326	Chaenogobius isaza	decades	Onoe	1992.12.15	
Isz327	Chaenogobius isaza (spawner)	many	Onoe	1975.5.25	a trawl net (ERI) fixed net near the shore
Isz328	Chaenogobius isaza・Palaemoninae	many	Onoe	1972.3.8	
Isz329	Chaenogobius isaza・Palaemoninae	many	Onoe		
Isz330	Chaenogobius isaza・Gnathopogon or Squalidus・Biwia zezera	many	on the shore in Tsuzuraozaki Northern of the island of Chikubushima Depth55-60m	1964.1.10	Isaza seine net (Isaza 1)
Isz331	Chaenogobius isaza・Palaemon paucidens・Cottus pollux・Bdellocephala annandalei・Jesogammarus annandalei	many		1964.11.4	Isaza seine net (Isaza 2)
Isz332	Chaenogobius isaza・Palaemon paucidens	about 50	Onoe	1967.12.6	Isaza seine net (Isaza 3)
Isz333	Chaenogobius isaza	about 20	Onoe	1993.12.25	Isaza seine net (Isaza 4)
Isz334	Chaenogobius isaza	many		1953.1.31	Isaza seine net (Isaza 5)
Isz335	Chaenogobius isaza	many	Onoe	1994.12.25	
Isz336	Chaenogobius isaza	many	Onoe	1995.10.10	
Isz337	Chaenogobius isaza	many	Onoe	1996.10.20	
Isz338	Chaenogobius isaza	many	Onoe	1997.4.5	
Isz339	Chaenogobius isaza	many	offOnoe	1997.5.30	
Isz340	Chaenogobius isaza	many	a trawl net in Onoe (ERI) fixed net near the shore in Onoe	1997.7.11	
Isz341	Chaenogobius isaza	many		1998.3.26	
Isz342	Chaenogobius isaza	many	offOnoe	1998.3.26	
Isz343	Chaenogobius isaza	many	(ERI) fixed net near the shore in Onoe	1998.5.27	
Isz344	Chaenogobius isaza	many	Onoe	1998.10.9	
Isz345	Chaenogobius isaza	many	offOnoe	1998.11.24	
Isz346	Chaenogobius isaza	many	offOnoe	1998.12.9	
Isz347	Chaenogobius isaza	many	offOnoe	1999.1.23	
Isz348	Chaenogobius isaza	many	offOnoe	1999.2.15	
Isz349	Chaenogobius isaza	many	offOnoe	1999.3.9	
Isz350	Chaenogobius isaza	many	a trawl net in Onoe (ERI) fixed net near the shore in Onoe (spawner)	1999.4.10	
Isz351	Chaenogobius isaza	many		1999.4.12	
Isz352	Chaenogobius isaza	many	(ERI) fixed net near the shore in Onoe	1999.4.13	
Isz353	Chaenogobius isaza	many	(ERI) fixed net near the shore in Onoe	1999.5.13	
Isz354	Chaenogobius isaza	many	Onoe	1999.9.15	
Isz355	Chaenogobius isaza	many	(ERI) fixed net near the shore in Onoe	1999.9.15	
Isz356	Chaenogobius isaza	many	Onoe	1999.9.16	
Isz357	Chaenogobius isaza	many	Onoe	1999.10.10	
Isz358	Chaenogobius isaza	many	Onoe	1999.12.15	
Isz359	Chaenogobius isaza	many		1999.4.	
Isz360	Chaenogobius isaza	many	Onoe	2000.3.8	Isaza seine net
Isz361	Chaenogobius isaza・Palaemoninae (他冷凍サンプル有り)	many	Onoe	2000.12.13	Isaza seine net
Isz362	Chaenogobius isaza・Plecoglossus altivelis altivelis(Plecoglossus altivelis altivelis(fry))・Palaemoninae	many	(ERI) fixed net near the shore in the southern part of Onoe fishing port Depth 12m	2001.5.15	
Isz363	Chaenogobius isaza・Plecoglossus altivelis altivelis(Plecoglossus altivelis altivelis(fry))・Palaemoninae・又マチチブ (他冷凍サンプル有り)	many	(ERI) fixed net near the shore in the northern part of Onoe fishing port Depth 18m	2001.5.16	
Isz364	Chaenogobius isaza・(Palaemon paucidens)・Plecoglossus altivelis altivelis(fry)very few	many	offOnoe	2001.11.7	Isaza seine net

Label	Collected Lives Name	Number	Collected Place	Collected Date	Note
Isz365	Chaenogobius isaza	many	offOnoe	2001.12.15	Isaza seine net
Isz366	Chaenogobius isaza	many	offOnoe	2002.1.14	Isaza seine net
Isz367	Chaenogobius isaza	many	offOnoe	2002.2or3.	Isaza seine net
Isz368	Chaenogobius isaza	many	offOnoe	2002.2or3.	Isaza seine net
Isz369	Chaenogobius isaza	many × 2bottles	(ERI) fixed net near the shore in Onoe	2002.4.23	
Isz370	Chaenogobius isaza	many	(ERI) fixed net near the shore in Onoe	2002.5.25	
Isz371	Chaenogobius isaza	about 30	(ERI) fixed net near the shore in Onoe	2002.7.22	
Isz372	Chaenogobius isaza	many	offOnoe	2002.12.12	Isaza seine net
Isz373	Chaenogobius isaza	about 40	offOnoe	2003.4.4	Isaza seine net
Isz374	Chaenogobius isaza	about 40	offOnoe	2003.11.5	
Isz375	Chaenogobius isaza	many	offOnoe	2003.12.5	
Isz376	Chaenogobius isaza	many	offOnoe	2004.1.11	Isaza seine net
Isz377	Chaenogobius isaza	many	offOnoe	2004.2.17	Isaza seine net
Isz378	Chaenogobius isaza	many	offOnoe	2004.3.10	Isaza seine net
Isz379	Chaenogobius isaza	many	offOnoe	2004.4.6	Isaza seine net
Isz380	Chaenogobius isaza	many	offOnoe	2004.5.1	Isaza seine net
Isz381	Chaenogobius isaza	many	offOnoe	2004.12.30	Isaza seine net
Isz382	Chaenogobius isaza・Palaemoninae (a few)	many	offOnoe	2005.1.10	Isaza seine net
Isz383	Chaenogobius isaza	many	offOnoe	2005.2.24	Isaza seine net
Isz384	Chaenogobius isaza・Palaemoninae (a few)	many	offOnoe	2005.4.29	Isaza seine net
Isz385	Chaenogobius isaza・Palaemoninae・ Rhinogobius spp. (a few)	many	(ERI) fixed net near the shore in Onoe	2005.5.30	Isaza seine net
Isz386	Chaenogobius isaza・Palaemoninae (a few)	many	offOnoe	2009.1	Isaza seine net
Isz387	Chaenogobius isaza	< 100	offOnoe	2005.9.3	Isaza seine net
Isz388	Chaenogobius isaza・Palaemoninae (a few)	many	offOnoe	2005.10.	Isaza seine net
Isz389	Chaenogobius isaza・Palaemoninae (a few)	2— 3hounred	offOnoe	2005.10.	Isaza seine net
Isz390	Chaenogobius isaza・Palaemoninae (a few)	many	offOnoe Depth 60m	2006.1.12	Isaza seine net
Isz391	Chaenogobius isaza・Palaemoninae (a few)	many	offOnoe	2006.2.3	Isaza seine net
Isz392	Chaenogobius isaza・Palaemoninae (a few)	many	offOnoe	2006.4.29	Isaza seine net
Isz393	Chaenogobius isaza・Plecoglossus altivelis altivelis・Palaemoninae(a	about 100	offOnoe	2006.9.8	Isaza seine net
Isz394	Chaenogobius isaza・Palaemoninae (a few)	many	offOnoe	2006.12.9	Isaza seine net
Isz395	Chaenogobius isaza・Palaemoninae (a few)	many	offOnoe	2006.12.15	Isaza seine net
Isz396	Chaenogobius isaza・Palaemoninae (a few)	many	offOnoe	2007.1.8	Isaza seine net
Isz397	Chaenogobius isaza・Palaemoninae (a few)	many	offOnoe	2007.2.10	Isaza seine net
Isz398	Chaenogobius isaza・Palaemoninae (a few)	many	offOnoe	2007.3.10	Isaza seine net
Isz399	Chaenogobius isaza・Palaemoninae (many)	many	offOnoe	2007.9.23	Isaza seine net
Isz400	Chaenogobius isaza・Palaemoninae	many	offOnoe	2007.12.10	Isaza seine net
Isz401	Chaenogobius isaza・Palaemoninae	many	offOnoe	2008.3.5	Isaza seine net