

Supplementary material

Flow structure and fish passage performance of a brush-type fish way: a field study in the İyidere River, Turkey

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Supplementary data associated with fish ascending times are given below.

Table S1. Fish ascending times in brush fish pass in 2017

L_f , fish total body length. Fish species: A, *Alburnoides fasciatus*; B, *Barbus tauricus*; S, *Squalius orientalis*; SC, *Salmo coruhensis*; C, *Capoeta banarescui*. The level difference between the upstream and downstream antennas is 4 m

Tag number	Fish species	L_f (mm)	Detection time in fish pass entrance		Detection time in fish pass exit		Ascending time (hour)
			Date	Time	Date	Time	
2099	B	195	19-May-2017	08:06	19-May-2017	10:41	02:34
2057	B	160	16-Jun-2017	18:27	14-Jun-2017	18:43	00:15
2229	B	215	18-Jun-2017	02:18	18-Jun-2017	02:45	00:27
1965	B	132	4-Apr-2018	15:30	06-Apr-2018	09:17	41:46
1947	B	193	4-Apr-2018	10:26	05-Apr-2018	12:36	26:09
1994	B	210	8-May-2018	05:44	08-May-2018	16:11	10:27
2005	B	158	18-May-2018	12:48	18-May-2018	23:73	10:25
1966	B	187	27-May-2018	14:04	27-May-2018	23:55	9:51
2227	A	105	22-Jun-2017	10:28	22-Jun-2017	10:31	00:03
2109	A	95	15-Jun-2017	07:30	15-Jun-2017	08:01	00:31
2198	A	112	11-Aug-2017	09:17	11-Aug-2017	10:08	00:51
1855	A	113	18-Oct-2017	11:30	18-Oct-2017	20:12	08:43
2208	A	115	24-Jul-2017	13:54	19-Aug-2017	04:47	609:06
1855	A	113	18-Oct-2017	11:30	18-Oct-2017	20:12	08:42
1919	A	110	09-Nov-2017	11:28	09-Nov-2017	18:17	05:43
1865	A	130	09-Nov-2017	00:09	09-Nov-2017	04:18	04:08
1891	A	110	09-Nov-2017	06:32	09-Nov-2017	09:43	03:18
1868	A	110	09-Nov-2017	12:12	09-Nov-2017	21:01	08:48
1961	A	116	04-Apr-2018	15:25	06-Apr-2018	11:07	43:42

Tag number	Fish species	L_f (mm)	Detection time in fish pass entrance		Detection time in fish pass exit		
			Date	Time	Date	Time	Ascending time (hour)
2003	A	120	04-Apr-2018	14:40	06-Apr-2018	09:40	18:59
1995	A	102	04-Apr-2018	12:55	07-Apr-2018	01:26	36:31
1997	A	120	17-Apr-2018	02:26	18-Apr-2018	09:36	30:69
1998	A	106	19-Apr-2018	20:25	20-Apr-2018	14:36	18:49
1981	A	100	22-Apr-2018	17:24	30-Apr-2018	21:57	196:32
2013	A	103	04-Apr-2018	15:24	24-Apr-2018	09:08	473:06
2130	S	176	03-Jun-2017	14:35	03-Jun-2017	14:58	00.23
2096	S	142	25-May-2017	11:00	27-May-2017	11:26	48.27
1938	S	200	08-Nov-2017	08:57	8-Nov-2017	20:08	11:10
1880	S	180	08-Nov-2017	09:27	8-Nov-2017	18:21	08:54
1930	SC	165	09-Oct-2017	02:03	09-Oct-2017	12:00	09.57
1929	SC	145	09-Oct-2017	02:29	09-Oct-2017	12:14	09.44
1861	SC	160	09-Oct-2017	04:24	09-Oct-2017	14:29	10.04
1932	SC	180	09-Oct-2017	08:49	09-Oct-2017	19:00	13.49
1852	SC	170	10-Oct-2017	00:01	10-Oct-2017	10:01	14.00
1863	SC	190	10-Oct-2017	00:06	10-Oct-2017	10:01	14.05
1857	SC	185	10-Oct-2017	00:09	10-Oct-2017	13:13	10.55
1860	SC	205	10-Oct-2017	06:01	10-Oct-2017	16:05	10.03
1944	SC	144	14-Oct-2017	04:45	14-Oct-2017	14:35	09.50
1978	SC	145	05-Apr-2018	10:25	05-Apr-2018	21:42	11:16
2033	SC	200	05-Apr-2018	11:35	05-Apr-2018	22:06	10:30
7570	SC	160	18-Apr-2018	06:40	18-Apr-2018	08:15	01:35
7624	SC	130	17-Apr-2018	13:53	18-Apr-2018	04:18	14:25
2037	SC	150	01-May-2018	01:02	01-May-2018	08:29	07:26
7642	SC	200	01-May-2018	02:35	01-May-2018	12:58	10:22
7551	SC	190	26-Apr-2018	03:47	26-Apr-2018	13:56	10:08
2008	SC	180	08-May-2018	00:28	08-May-2018	10:11	10:17
1983	SC	135	06-May-2018	08:49	06-May-2018	14:00	05:10
2236	C	210	10-Oct-2017	02:03	10-Oct-2017	17:47	15.44
2170	C	151	27-Oct-2017	09:28	27-Oct-2017	19:27	09.59
7569	C	140	17-Apr-2018	19:33	18-Apr-2018	11:10	15:36
7638	C	160	26-Apr-2018	11:22	26-Apr-2018	21:28	11:53