



Correction to: Post-release behaviors and movements of cultured and wild Japanese eels (*Anguilla japonica*) in a shallow brackish water lagoon in northeastern Japan

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The original version of this article unfortunately contained mistakes introduced during the production process. Some of the datetime and date in Tables 1, 2 and 3 were incorrectly shown as “#####”. The correct Tables are now given below:

The online version of the original article can be found at <https://doi.org/10.1007/s10641-019-00917-z>

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Table 1 Details of the tagged cultured and wild Japanese eels (*Anguilla japonica*) that were used in this study. *1: AP transmitters

ID	Category	Body mass (g)	Total length (mm)	Released date	Detection window (days)	No of days detected	Last date detected	Total no. of detections
CAP1*1	Cultured	480.1	637	Jun 5, 2014	13	13	Jun 17, 2014	107
CAP2*1	Cultured	435	653	Jun 5, 2014	2	2	Jun 06, 2014	44
CAP3*1	Cultured	445.6	623	Jun 5, 2014	9	3	Jun 13, 2014	64
CAP4*1	Cultured	448.7	665	Jun 5, 2014	124	43	Oct 06, 2014	259
CAP5*1	Cultured	469.4	650	Jun 5, 2014	22	12	Jun 26, 2014	67
CAP6*1	Cultured	422.4	639	Jun 5, 2014	13	10	Jun 17, 2014	88
CID1	Cultured	327.3	605	Jun 5, 2014	278	24	Mar 09, 2015	151
CID2	Cultured	349.2	604	Jun 5, 2014	167	55	Nov 18, 2014	240
CID3	Cultured	366.6	638	Jun 5, 2014	4	3	Jun 08, 2014	41
CID4	Cultured	327	584	Jun 5, 2014	124	116	Oct 06, 2014	1319
CID5	Cultured	377.6	634	Jun 5, 2014	162	83	Nov 13, 2014	502
CID6	Cultured	480.6	596	Jun 5, 2014	124	17	Oct 06, 2014	154
CID7	Cultured	362.1	593	Jun 5, 2014	136	35	Oct 18, 2014	528
CID8	Cultured	308.2	588	Jun 5, 2014	166	72	Nov 17, 2014	345
CID9	Cultured	359.6	586	Jun 5, 2014	173	20	Nov 24, 2014	77
CID10	Cultured	320.5	575	Jun 5, 2014	124	99	Oct 06, 2014	629
CID11	Cultured	347.4	611	Jun 5, 2014	73	12	Aug 16, 2014	126
CID12	Cultured	362.6	626	Jun 5, 2014	163	96	Nov 14, 2014	2198
CID13	Cultured	346.1	595	Jun 5, 2014	11	5	Jun 15, 2014	23
CID14	Cultured	369.5	590	Jun 5, 2014	5	4	Jun 09, 2014	79
CID15	Cultured	343.4	590	Jun 5, 2014	124	24	Oct 06, 2014	128
CID16	Cultured	364.3	634	Jun 5, 2014	164	136	Nov 15, 2014	2869
CID17	Cultured	384.4	616	Jun 5, 2014	96	56	Sep 08, 2014	336
CID18	Cultured	339.7	607	Jun 5, 2014	124	73	Oct 06, 2014	472
CID19	Cultured	384.5	610	Jun 5, 2014	319	32	Apr 19, 2015	88
CID20	Cultured	353.1	595	Jun 5, 2014	5	3	Jun 09, 2014	67
CID21	Cultured	332.6	575	Jun 5, 2014	383	111	Jun 22, 2015	631
CID22	Cultured	396.8	601	Jun 5, 2014	132	102	Oct 14, 2014	913
CID23	Cultured	345.2	596	Jun 5, 2014	167	33	Nov 18, 2014	302
CID24	Cultured	358.6	603	Jun 5, 2014	412	201	Jul 21, 2015	857
WAP2*1	Wild	522.8	704	Jul 15, 2014	7	5	Jul 21, 2014	33
WAP3*1	Wild	734.37	760	Sep 11, 2014	86	25	Dec 05, 2014	239
WID4	Wild	82.2	420	Sep 11, 2014	269	37	Jun 06, 2015	180
WID5	Wild	131.3	497	Sep 11, 2014	263	54	May 31, 2015	272
WID6	Wild	441.3	692	Oct 8, 2014	287	103	Jul 21, 2015	1924
WID7	Wild	301.3	660	Oct 8, 2014	182	9	Apr 07, 2015	77
Residence Index (night)	Residence Index (day)	Last Place Detected	Total No. of Residency Event	Total Hour of Residency Event (min)	Residency at North (%)	Residency at South (%)	Residency at River (%)	Residency at Out (%)
0.92	0.38	St28	23	714	3.6	96.4	0.0	0.0
1.00	1.00	Out2	6	407	100.0	0.0	0.0	0.0
0.33	0.22	St21	14	825	100.0	0.0	0.0	0.0
0.27	0.15	St9	61	2153	38.8	58.0	3.2	0.0

Table 1 (continued)

0.41	0.18	St27	15	583	100.0	0.0	0.0	0.0
0.46	0.46	St9	16	639	100.0	0.0	0.0	0.0
0.07	0.05	St20	29	1192	100.0	0.0	0.0	0.0
0.31	0.05	Out1	42	1502	40.3	59.7	0.0	0.0
0.75	0.75	Out2	8	226	41.6	0.0	0.0	58.4
0.90	0.43	Out1	295	11,202	11.4	88.4	0.0	0.1
0.46	0.05	Out2	112	3770	7.6	92.4	0.0	0.0
0.13	0.09	Out2	31	960	100.0	0.0	0.0	0.0
0.24	0.18	St10	115	4488	100.0	0.0	0.0	0.0
0.39	0.11	Out2	69	2185	10.3	89.7	0.0	0.0
0.09	0.05	St3	16	512	100.0	0.0	0.0	0.0
0.70	0.14	Out2	142	4917	5.0	95.0	0.0	0.0
0.14	0.05	St16	27	1106	98.3	1.7	0.0	0.0
0.55	0.45	Out	508	20,724	3.1	96.9	0.0	0.0
0.36	0.27	St27	5	124	100.0	0.0	0.0	0.0
0.60	0.80	St15	17	779	84.7	15.3	0.0	0.0
0.19	0.04	Out2	28	729	6.2	93.8	0.0	0.0
0.81	0.70	Out2	658	24,606	98.2	0.0	0.0	1.8
0.53	0.29	St15	76	2250	6.3	88.4	5.3	0.0
0.54	0.17	Out1	89	3107	98.0	0.0	0.0	2.0
0.06	0.06	St16	13	409	18.1	81.9	0.0	0.0
0.60	0.60	St18	13	543	93.7	6.3	0.0	0.0
0.21	0.10	St14	156	4572	0.7	99.3	0.0	0.0
0.72	0.28	Out2	185	7779	3.3	96.7	0.0	0.0
0.18	0.10	Out2	60	2323	36.2	63.8	0.0	0.0
0.41	0.21	St15	201	5891	9.3	90.7	0.0	0.0
0.57	0.43	St15	5	148	25.0	75.0	0.0	0.0
0.03	0.03	St25	45	2069	6.3	93.7	0.0	0.0
0.36	0.11	St18	35	1078	3.7	80.2	16.0	0.0
0.03	0.00	St13	59	2081	3.6	96.4	0.0	0.0
0.12	0.02	St27	401	17,470	1.0	99.0	0.0	0.0
0.27	0.03	St30	20	612	32.7	67.3	0.0	0.0

Table 2 Detailed information on the cultured and wild Japanese eels (*Anguilla japonica*) that were detected in the rivers. Um: Ume River; N: Nikkeshi River; Ud: Uda River; K: Koizumi River

Fish ID	First detection time	River	Period after release (day)	Num of detection	Total stay period (day)
Cultured Eel					
CAP4	June 11, 2014, 20:45:27	Ud	6.46	7	0.88
CID2	October 07, 2014, 18:42:07	Um	124.38	1	0.04
CID5	June 10, 2014, 01:47:56	Um	4.67	1	0.03
CID9	June 11, 2014, 21:52:46	K	6.51	1	0.02
CID11	June 11, 2014, 03:28:39	Um	5.74	1	0.69
CID11	June 12, 2014, 23:58:30	Um	7.60	1	0.12
CID17	June 10, 2014, 21:28:30	N	5.49	7	0.12
CID17	June 11, 2014, 00:39:05	N	5.63	3	0.04
CID17	June 11, 2014, 02:10:36	N	5.69	1	0.02
CID17	June 11, 2014, 03:21:39	N	5.74	3	0.57
CID22	July 20, 2014, 21:24:10	Um	45.49	1	0.15
CID22	October 06, 2014, 21:01:38	Um	123.48	2	0.16
CID22	October 08, 2014, 01:56:28	Um	124.68	1	0.04

Table 2 (continued)

Fish ID	First detection time	River	Period after release (day)	Num of detection	Total stay period (day)
Wild Eel					
WAP2	July 17, 2014, 20:51:48	Um	2.14	1	0.01
WID4	September 13, 2014, 21:39:23	N	4.17	11	0.85
WID4	September 15, 2014, 20:12:57	N	8.22	11	3.29
WID4	September 22, 2014, 01:13:23	Um	164.51	1	0.01
WID4	October 15, 2014, 18:52:55	Um	2.26	1	0.97
WID4	October 16, 2014, 18:13:58	Um	4.20	1	0.08
WID4	April 16, 2015, 03:02:18	Um	10.41	2	3.01
WID5	November 04, 2014, 23:57:27	Um	34.14	1	0.02
WID6	October 12, 2014, 18:50:05	Um	35.12	1	0.01
WID6	October 16, 2014, 19:58:18	Um	216.48	1	0.02
WID7	March 22, 2015, 02:59:57	Um	54.35	1	120.88

Table 3 Environments at the time of last detection and movement speeds of the cultured Japanese eels (*Anguilla japonica*) that undertook seaward migration. NA indicates ‘not applicable’

ID	Last day detected	Last time detected	Temperature (°C)	Salinity (psu)	Total rain in a day (mm)	Tide	Speed (km/h)	Moon age	Name of typhoon
CID2	November 18, 2014	18:08:20	12.1	31.9	0.0	ebb	2.9	25.2	NA
CID4	October 6, 2014	17:22:32	18.1	23.8	146.0	ebb	3.1	11.9	No.18
CID5	November 13, 2014	20:41:53	14.9	32.3	0.0	ebb	0.8	20.2	NA
CID6	October 6, 2014	18:23:47	17.7	21.9	146.0	ebb	5.2	11.9	No.18
CID8	November 17, 2014	17:21:53	13.5	32.2	0.0	ebb	0.2	24.2	NA
CID10	October 6, 2014	18:22:02	17.7	21.9	146.0	ebb	0.3	11.9	No.18
CID12	November 14, 2014	18:28:57	15.3	32.6	0.0	flood	1.8	21.2	NA
CID15	October 6, 2014	18:25:34	17.7	21.9	146.0	ebb	2.6	11.9	No.18
CID16	November 15, 2014	18:23:40	14.1	32.2	0.0	flood	2.2	22.2	NA
CID18	October 6, 2014	18:14:55	17.7	21.9	146.0	ebb	NA	11.9	No.18
CID22	October 14, 2014	19:39:46	18.3	21.1	108.0	ebb	3.3	19.9	No.19
CID23	November 18, 2014	17:46:26	12.8	32.1	0.0	ebb	4.5	25.2	NA

The original article has been corrected.

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