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Recoveries of Coded Wire Tag for Chum Salmon in Korea in 2008

by

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Abstract

Korea has released CWT tagged juvenile chum salmon since 2003 and 67 CWT chum salmon were recovered at Namdae-cheon and harbor of coastal area(set net) during the spawning seasons in 2008. Among 67 chum salmon, 39 salmon were female and 28 were male. Most salmon sampled were age 3 (40.3 %) and age 4 (44.8%), which were released in 2006 and 2005.

CWT recoveries

The CWTs were recovered from the spawning season of 2008, and 67 chum salmon with CWT were collected at Namdae-cheon and harbor of coastal area (set net). Among 67 chum salmon, 39 salmon were female and 28 were male. The fork length of chum salmon at each age were 59.0 cm (age 2), 59.6 cm (age 3), 64.7 cm (age 4), and 67.6 cm (age 5). Body weight of age 2 chum salmon was 2.1 kg and those of age 3, 4 and 5 chum salmon were 2.1 kg, 2.8 kg and 3.1 kg, respectively.

Most chum salmon sampled were age 3 and age 4 released in 2006 and 2005. The return rate of chum salmon released in mid or late March was apparently higher (64 %) than that (36 %) in February or early March. Age 2 chum salmon, having CWT 279113 was only 1 male.

Table2. Information on CWT tagged chum salmon caught in 2008

CWT number	# of catch (percent)	female	male	released month and year	age
279003	3 (5%)	2	1	early March 2004	5
279004	6 (9%)	4	2	late March 2004	5
279005	8 (12%)	3	5	early March 2005	4
279006	22 (33%)	15	7	mid March 2005	4
279111	12 (18%)	7	5	early March 2006	3
279112	15 (22%)	8	7	mid March 2006	3
279113	1 (1%)	0	1	early March 2007	2
Total	67 (100%)	39	28		