

Recoveries of Coded Wire Tag for Chum Salmon in Korea in 2010

by

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Abstract

Korea has released CWT tagged juvenile chum salmon since 2003 and 15 CWT chum salmon were recovered at Namdae-cheon and harbor of coastal area(set net) during the spawning seasons in 2010. Among 15 chum salmon, 7 salmon were female and 8 were male. Most salmon sampled were age 4 (66.6 %) and age 5 (33.4%), which were released in 2007 and 2006.

CWT recoveries

The CWTs were recovered from the spawning season of 2010, and 15 chum salmon with CWT were collected at Namdae-cheon and harbor of coastal area (set net). Among 15 chum salmon, 7 salmon were female and 8 were male. The fork length of chum salmon at each age were 69.6 cm (age 4), and 72.9 cm (age 5). Body weight of age 4 chum salmon was 3.1 kg and those of age 5 chum salmon were 3.3 kg.

Most chum salmon sampled were age 4 and age 5 released in 2007 and 2006. The return rate of chum salmon released in mid or late March was apparently higher (66.6 %) than that (33.4 %) in February or early March.

Table2. Information on CWT tagged chum salmon caught in 2010

CWT number	# of catch (percent)	female	male	released month and year	age
279112	5 (33.3%)	2	3	mid March 2006	5
279113	5 (33.3%)	2	3	early March 2007	4
279114	5 (33.3%)	3	2	mid March 2007	4
Total	15 (100%)	7	8		