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Recoveries of Coded Wire Tag for Chum Salmon in Korea in 2011

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 2011. Among 21 chum salmon, 11 salmon were female and 10 were male. Most salmon sampled were age 2 (4.8 %) and age 3 (81%) and age 5 (14.2%), which were released in 2010 and 2009 and 2007.

CWT recoveries

The CWTs were recovered from the spawning season of 2011, and 21 chum salmon with CWT were collected at Namdae-cheon and harbor of coastal area (set net). Among 21 chum salmon, 11 salmon were female and 10 were male. The fork length of chum salmon at each age were 54.4 cm (age 2), and 61.1 cm (age 3), and 66.9 cm (age 5). Body weight of age 2 chum salmon was 1.6 kg and age 3 chum salmon was 2.3 kg and those of age 5 chum salmon were 3.2 kg.

Most chum salmon sampled were age 2, age 3 and age 5 released in 2010 and 2009 and 2007, The return rate of chum salmon released in late February was apparently higher (61.9 %) than that of those in early or mid march(38.1 %).

Table2. Information on CWT tagged chum salmon caught in 2011

CWT number	# of catch (percent)	released month		age	
		female	male		
270904	1 (4.8 %)	-	1	mid March 2010	2
270901	13 (61.9 %)	6	7	late Feb 2009	3
270908	4 (19 %)	3	1	early March 2009	3
279114	1 (4.8%)	-	1	mid March 2007	5
279113	2 (9.5 %)	1	1	early March 2007	5
Total	21 (100%)	10	11		