

# **Incidental Catches of Anadromous Fish by Japanese Research Vessels in the North Pacific Ocean in 2011**

by

**Shigehiko Urawa and Toru Nagasawa**

Hokkaido National Fisheries Research Institute, Fisheries Research Agency  
2-2 Nakanoshima, Toyohira-ku, Sapporo 062-0922, Japan

**Submitted to the**

**NORTH PACIFIC ANADROMOUS FISH COMMISSION**

by

**JAPAN**

**March 2012**

**THIS PAPER MAY BE CITED IN THE FOLLOWING MANNER:**

Urawa, S. and T. Nagasawa. 2011. Incidental catches of anadromous fish by Japanese research vessels in the North Pacific Ocean in 2011. NPAFC Doc. 1384. 2 pp. Hokkaido National Fisheries Research Institute, Fisheries Research Agency, Sapporo, Japan. (Available at [www.npafc.org](http://www.npafc.org).)

# Incidental Catches of Anadromous Fish by Japanese Research Vessels in the North Pacific Ocean in 2011

Shigehiko Urawa and Toru Nagasawa

*Hokkaido National Fisheries Research Institute, Fisheries Research Agency*

*2-2 Nakanoshima, Toyohira-ku, Sapporo 062-0922, Japan*

Japanese research vessels conducted scientific fishing operations to assess Pacific saury, and other pelagic fishes using midwater trawls, drift gillnets, and saury dip net with possibilities of the incidental catch of anadromous fish in the western and central North Pacific Ocean in 2011 (Fisheries Research Agency 2011). During these research surveys, a total of 674 salmonids including 141 chum salmon, 481 pink salmon, 32 coho salmon, 19 chinook salmon, and one steelhead trout were caught in the summer of 2011 (Table 1).

Table 1. Number of incidental catches of anadromous fish during research surveys for pelagic fishes onboard Japanese research vessels in the North Pacific Ocean in 2011. WNP, western North Pacific; CNP, central North Pacific.

Research vessel	<i>Hokuho maru</i>	<i>Hokushin maru</i>	<i>11 Gon-ei maru</i>	<i>15 Mikasa maru</i>	<i>37Den maru</i>
Sampling period	June 8 - July 24	July 6 – July 20	June 15 - July 20	June 8 - July 16	June 17 - June 28
Survey area	WNP, CNP	WNP	WNP	WNP	WNP
Fishing gear	Trawl	Gillnet	Dip net	Dip net	Dip net
Catch					
chum	82	55	0	3	1
pink	200	141	62	47	31
coho	27	5	0	0	0
chinook	19	0	0	0	0
steelhead	1	0	0	0	0
Total	329	201	62	50	32

## References

Fisheries Research Agency. 2011. Cruise plans of Japanese research vessels involving incidental takes of anadromous fish in the North Pacific Ocean in 2011. NPAFC Doc. 1309. 3 pp. Fisheries Research Agency, Yokohama, Japan. (Available at [www.npafc.org](http://www.npafc.org)).