

NPAFC
Doc. 1691
Rev.

**Incidental Catches of Anadromous Fishes by Japanese Research Vessels in
the North Pacific Ocean in 2016**

by

Kengo Suzuki and Shigehiko Urawa

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

Submitted to the

NORTH PACIFIC ANADROMOUS FISH COMMISSION

by

Japan

April 2017

THIS PAPER MAY BE CITED IN THE FOLLOWING MANNER:

Suzuki, K., and S. Urawa. 2017. Incidental catches of anadromous fishes by Japanese research vessels in the North Pacific Ocean in 2016. NPAFC Doc. 1691. 2 pp. Hokkaido National Fisheries Research Institute, Japan Fisheries Research and Education Agency (Available at <http://www.npafc.org>).

Incidental Catches of Anadromous Fishes by Japanese Research Vessels in the North Pacific Ocean in 2016

Kengo Suzuki and Shigehiko Urawa

Hokkaido National Fisheries Research Institute, Japan Fisheries Research and Education Agency

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

Keywords: Japanese research vessels, pelagic fish, squid, incidental salmon catch, North Pacific Ocean, 2016

Japanese research vessels conducted scientific fishing operations to assess stock status of Pacific saury, and other pelagic fishes and squids using surface and midwater trawls, and drift gillnets in the western and central North Pacific Ocean (Japan Fisheries Research and Education Agency 2016). A total of 563 salmon including 351 chum, 108 pink, one sockeye, 98 coho, four Chinook salmon, and one steelhead trout was incidentally caught during the research surveys between May and October 2016 (Table 1).

Reference

Fisheries Research Agency. 2016. Cruise plans of Japanese research vessels involving incidental takes of anadromous fishes in the North Pacific Ocean in 2016. NPAFC Doc. 1628. 3 pp. Fisheries Research Agency, Yokohama, Japan. (Available at <http://www.npafc.org>).

Table 1. Number of incidental catches of anadromous fish during research surveys for pelagic fishes and squids onboard Japanese research vessels in the North Pacific Ocean in 2016.

Vessel	Cruise period	Survey area	Research objects	Gear	Sampling period	Number of catches						
						Chum	Pink	Sockeye	Coho	Chinook	Steelhead	Total
<i>Hokushin maru</i>	May 30 (Kushiro) – June 3 (Kushiro)	Western North Pacific (38° - 50°N, 142° - 165°E) excluding Russian 200 NMZ	Abundance of chub mackerel, blue mackerel, Japanese sardine, and Japanese anchovy	Driftnets	May 30 - June 3	0	0	0	0	0	0	0
<i>Hokushin maru</i>	July 6 (Kushiro) – July 21 (Kushiro)	Western North Pacific (38° - 50°N, 142° - 165°E) excluding Russian 200 NMZ	Abundance of Pacific saury	Surface trawl or Driftnets	July 13 - July 16	0	0	0	0	0	0	0
<i>Hokushin maru</i>	October 18 (Kushiro) – October 27 (Kushiro)	Western North Pacific (38° - 50°N, 142° - 165°E) excluding Russian 200 NMZ	Abundance of Pacific saury	Surface trawl or Driftnets	October 19 - October 25	0	0	0	0	0	0	0
<i>Hokuho maru</i>	June 4 (Hakodate) – July 21 (Hakodate)	Central and western North Pacific (30° - 50°N, 140°E - 160°W) excluding Russian 200 NMZ	Abundance of Pacific saury	Surface trawl	June 9 - July 21	331	14	0	11	4	0	360
<i>Hokko maru</i>	June 20 (Kushiro) – July 17 (Kushiro)	Western North Pacific (36° - 47°N, 142° - 165°E) excluding Russian 200 NMZ	Abundance of Pacific saury	Surface trawl	June 24 - July 15	9	92	0	0	0	0	101
<i>Kaiun maru</i>	June 26 (Hachinohe) - August 4 (Hachinohe)	Central and western North Pacific (30° - 46°N, 144°E - 176°E) excluding Russian 200 NMZ	Stock assessment of neon flying squid	Driftnets	July 5-July 7	11	2	0	87	0	1	101
<i>Hokuho maru</i>	Sep. 7 (Hakodate) – Oct. 6 (Hakodate)	Western North Pacific (36° - 50°N, 140° - 175°E) excluding Russian 200 NMZ	Abundance of small pelagic fishes	Mid-water trawl	Sep. 14 - Oct. 1	0	0	1	0	0	0	1
Total						351	108	1	98	4	1	563