

NPAFC
Doc. 1759
Rev.

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in the North Pacific Ocean in 2017**

by

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Submitted to the

NORTH PACIFIC ANADROMOUS FISH COMMISSION

by

Japan

April 2018

THIS PAPER MAY BE CITED IN THE FOLLOWING MANNER:

Suzuki, K., and S. Urawa. 2018. Incidental catches of anadromous fishes by Japanese research vessels in the North Pacific Ocean in 2017. NPAFC Doc. 1759. 2 pp.
Hokkaido National Fisheries Research Institute, Japan Fisheries Research and Education Agency (Available at <http://www.npafc.org>).

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Keywords: Japanese research vessels, pelagic fish, squid, incidental salmon catch, North Pacific Ocean, 2017

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 2017). A total of 388 salmon including 139 chum, 92 pink, 119 coho, two Chinook salmon, and 36 steelhead trout was incidentally caught during the research surveys between June and October 2017 (Table 1).

Reference

Japan Fisheries Research and Education Agency. 2017. Cruise plans of Japanese research vessels involving incidental takes of anadromous fishes in the North Pacific Ocean in 2017. NPAFC Doc. 1679. 3 pp. Japan Fisheries Research and Education 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 2017.

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 29 (Kushiro) – June 2 (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 29 – May 31	0	0	0	0	0	0	0
<i>Hokushin maru</i>	June 20 (Kushiro) – June 29 (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	June 21 – June 29	0	0	0	0	0	0	0
<i>Hokushin maru</i>	July 6 (Kushiro) – July 19 (Kushiro)	Western North Pacific (38° - 50°N, 142° - 165°E) excluding Russian 200 NMZ	Abundance of Pacific saury	Surface trawl or Driftnets	July 9 – July 17	16	28	0	4	0	0	48
<i>Hokushin maru</i>	August 29 (Kushiro) – September 6 (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	August 30 – September 6	0	0	0	0	0	0	0
<i>Hokushin maru</i>	October 17 (Kushiro) – October 25 (Kushiro)	Western North Pacific (38° - 50°N, 142° - 165°E) excluding Russian 200 NMZ	Abundance of Pacific saury	Surface trawl or Driftnets	October 17 – October 25	0	0	0	0	0	0	0
<i>Hokuho maru</i>	June 6 (Hakodate) – July 23 (Hakodate)	Central and western North Pacific (30° - 50°N, 140°E - 160°W) excluding Russian 200 NMZ	Abundance of Pacific saury	Surface trawl	June 11 - July 12	87	3	0	4	2	2	98
<i>Hokko maru</i>	June 17 (Kushiro) – July 13 (Kushiro)	Western North Pacific (36° - 47°N, 142° - 165°E) excluding Russian 200 NMZ	Abundance of Pacific saury	Surface trawl	June 18 - July 13	1	60	0	0	0	0	61
<i>Kaiun maru</i>	June 24 (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	June 26 - August 1	20	1	0	111	0	34	166
<i>Hokuho maru</i>	September 6 (Hakodate) – October 5 (Hakodate)	Western North Pacific (36° - 50°N, 140° - 175°E) excluding Russian 200 NMZ	Abundance of small pelagic fishes	Mid-water trawl	September 12 - October 1	15	0	0	0	0	0	15
Total						139	92	0	119	2	36	388