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**Incidental Catches of Anadromous Fish by Japanese Research Vessels in the  
North Pacific Ocean in 2020**

by

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# **Incidental Catches of Anadromous Fish by Japanese Research Vessels in the North Pacific Ocean in 2020**

**Keywords:** Japanese research vessels, pelagic fish, squid, incidental salmon catch, North Pacific Ocean, 2020

## **Abstract**

Japanese research vessels conducted scientific fishing operations to assess stock status of Pacific saury, 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 2020). A total of five coho salmon was incidentally caught during the research surveys between May and October 2020 (Table 1).

## **Reference**

Japan Fisheries Research and Education Agency. 2020. Cruise plans of Japanese research vessels involving incidental takes of anadromous fish in the North Pacific Ocean in 2020. N. Pac. Anadr. Fish Comm. Doc. 1875 Rev. 1. 2 pp. Japan Fisheries Research and Education Agency, Yokohama, Japan (Available at <https://npafc.org>).

**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 2020. CH, chum salmon; PS, pink salmon; SS, sockeye salmon; CO, coho salmon; CN, Chinook salmon; ST, steelhead trout.

Vessel	Cruise period	Survey area (excluding Russian 200 NMZ)	Research objects	Gear	Sampling period	Number of catches						
						CH	PS	SS	CO	CN	ST	Total
<i>Hokushin maru</i>	May 12 (Kushiro) –May 17 (Kushiro)	Western North Pacific (38°–43°N, 142°–148°E) excluding Russian 200 NMZ	Abundance of chub mackerel, blue mackerel, Japanese sardine, and Japanese anchovy	Surface trawl	May 12 –May 17	0	0	0	0	0	0	0
<i>Hokushin maru</i>	June 19 (Kushiro) –June 26 (Kushiro)	Western North Pacific (38°–43°N, 142°–148°E) excluding Russian 200 NMZ	Abundance of chub mackerel, blue mackerel, Japanese sardine, and Japanese anchovy	Driftnets	June 19 –June 26	0	0	0	0	0	0	0
<i>Hokushin maru</i>	September 3 (Kushiro) –September 9 (Kushiro)	Western North Pacific (38°–43°N, 142°–148°E) excluding Russian 200 NMZ	Abundance of chub mackerel, blue mackerel, Japanese sardine, and Japanese anchovy	Driftnets	September 3 –September 9	0	0	0	0	0	0	0
<i>Hokushin maru</i>	October 16 (Kushiro) –October 21 (Kushiro)	Western North Pacific (38°–43°N, 142°–148°E) excluding Russian 200 NMZ	Abundance of Pacific saury	Surface trawl	October 16 –October 21	0	0	0	0	0	0	0
<i>Kaiun maru</i>	June 24 (Hachinohe) –August 2 (Hachinohe)	Central and western North Pacific (30°–46°N, 144°–176°E) excluding Russian 200 NMZ	Stock assessment of neon flying squid	Driftnets	July 1 –August 1	0	0	0	5	0	0	5
<i>No.6 Kaiyo maru</i>	June 29 (Shiogama) –July 24 (Kushiro)	Western North Pacific (34°–44°N, 140°–160°E) excluding Russian 200 NMZ	Abundance of Japanese common squid and Pacific saury	Surface trawl	July 3 –July 22	0	0	0	0	0	0	0
<i>Hokuho maru</i>	September 10 (Hakodate) –October 10 (Hakodate)	Western North Pacific (36°–50°N, 140°–175°E) excluding Russian 200 NMZ	Abundance of small pelagic fishes	Mid-water trawl	September 11 –October 4	0	0	0	0	0	0	0