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**Incidental Catches of Anadromous Fishes by Japanese Research Vessels in the
North Pacific Ocean in 2021**

by

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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 2021). A total of 43 Pacific salmon (22 chum, one pink, 15 coho, and one Chinook salmon and four steelhead trout) was incidentally caught during the research surveys between July and October 2021 (Table 1).

Reference

Japan Fisheries Research and Education Agency. 2021. Cruise plans of Japanese research vessels involving incidental takes of anadromous fishes in the North Pacific Ocean in 2021. NPAFC Doc. 1934. 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 by Japanese research vessels in the North Pacific Ocean in 2021. 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>	October 19 (Kushiro) -October 30 (Kushiro)	Western North Pacific (38°-43°N, 143°-148°E)	Abundance of Pacific saury	Surface trawl	October 19- October 30	1	0	0	0	0	0	1
<i>Kaiun maru</i>	June 23 (Hachinohe) -August 1 (Hachinohe)	Western and central North Pacific (30°-46°N, 144°-176°E)	Stock assessment of neon flying squid	Driftnets	July 2-July 31	21	1	0	15	1	4	42
<i>No.6 Kaiyo maru</i>	July 2 (Shiogama) -July 25 (Shiogama)	Western North Pacific (34°-44°N, 140°-160°E)	Abundance of Japanese common squid and Pacific saury	Surface trawl	July 4-July 25	0	0	0	0	0	0	0
<i>Hokuho maru</i>	September 9 (Hakodate) -October 10 (Hakodate)	Western North Pacific (36°-50°N, 140°-180°E)	Abundance of small pelagic fishes	Mid-water trawl	September 10- September 29	0	0	0	0	0	0	0