

Division of Behavioral Neurobiology
Hokkaido University
(日本動物学会北海道支部第 575 回支部講演会)

Special Seminar

26 (Wed) July, 2017

17 : 00 ~ 18 : 00

Room 407 (4th fl.) - Science #5 bld.

三谷 曜子

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Movements of killer whales off
Hokkaido

北海道沿岸のシャチの動き

Recent studies around Hokkaido, Japan revealed that killer whales (*Orcinus orca*) appear in Nemuro Strait in May and June, and off Kushiro in October and November. More than 200 animals have been identified in Nemuro Strait and 100 animals off Kushiro since 2010. Although these two areas are only 250 km apart, less than 20 animals have been matched between these areas. ...

函館を拠点として海棲哺乳類の行動生態を追いかけている三谷先生に、シャチの生態に関するお話を伺う機会を得ました。是非、おいでください。(Host: 松島俊也)

... We deployed LIMPET satellite tags on killer whales to identify their unknown movement paths. Whales tagged in Nemuro Strait traveled along the Kuril Islands, on the Sea of Okhotsk side. And two of them moved south over the Kuril-Kamchatka Trench and stayed in the western North Pacific for 2 months, and eventually returned to the Sea of Okhotsk. One whale tagged off Kushiro first stayed around the Kushiro Canyon, and then made a round-trip movement along the 1000 m bathymetric line and reached Vries Strait, on the Pacific side. Although the tracking period was short, the whale didn't move north into the Sea of Okhotsk nor to the Kamchatka Peninsula, where killer whales are often observed. Whales there share the same call type with the Kushiro whales, so additional tracking and photo-identification work will be required to reveal the level of interchange of killer whales in these areas.