



Research Activity Report
Supported by “Leading Graduate Program in Primatology and Wildlife Science”
 (Please be sure to submit this report after the trip that supported by PWS.)

2018. 02. 04	
Affiliation/Position	Wildlife Research Center/D3
Name	Kasumi Sakakibara

1. Country/location of visit
Japan, Kumamoto Misumi-city
2. Research project
Drone observation in wild sunameri and meeting about researches
3. Date (departing from/returning to Japan)
2018. 1. 26 – 2018. 02. 04 (10 days)
4. Main host researcher and affiliation
Dr. Morimura Naruki
5. Progress and results of your research/activity (You can attach extra pages if needed)
Please insert one or more pictures (to be publicly released). Below each picture, please provide a brief description.
<p>I went to Kumamoto sanctuary to observe finless porpoises, Neophocaena phocaenoides, sunameri using by drone in Misumi western port and to set the hydrophone to clarify the presences of sunameri all day.</p> <p><Schedule> 26th Jan. : Movement to Kumamoto from Kyoto, Observation of sunameri in Evening 27th Jan. : Previous-recording by hydrophone, Observation in Evening 28st Jan. : Changing the setting for hydrophone 29nd Jan. : Setting the hydrophone(A-tag) on the raft 30th Jan. : Observation of wild finless porpoise in all day ~3rd Feb. 4th Feb. : Movement to Kyoto from Kumamoto</p> <p>I observed also sunameri in not only spring and fall season but also winter season in this trip. Its group size looked like the smaller than spring then and we could not find any school of fish. We clarify the diurnal and seasonal change of sunamri movement, so that we set the hydrophone, two A-tags, on the raft in Misumi western port. I recorded the feeding behaviour of sunameri around them. Therefore, we will combine the data of the behaviour recorded by the drone and of the acoustics recorded by underwater hydrophone after we will pick up the hydrophones in middle March.</p>
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>↑ Setting the hydrophone under the sea</p> </div> <div style="text-align: center;">  <p>↑ Environments around the direction of hydrophone</p> </div> </div>

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↑ Sunameri around the raft set the hydrophones



↑ Ship going to the raft and the owner of the ship

6. Others

I appreciate Ms. Nasu and Dr. Morimura for their help to my staying in Kumamoto Sanctuary. Also, a lot of thanks for Mr. Yusuke MORI and his family to guide the visiting sea area to set the hydrophone using by boat and car.