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.)

	2015.5.15
Affiliation/Position	Wildlife Research Center/M1
Name	Natsuko Tajima

1. Country/location of visit

Jeju Island, Korea

2. Research project

Observation of Indo-Pacific bottlenose dolphins around Jeju Island

3. Date (departing from/returning to Japan)

2015.4.29-2015.5.5

4. Main host researcher and affiliation

Ms. Soojin Jang (Ph.D student of Ewha Womans University), Dr. Byung-Yup Kim (Professor of Jeju National

University)

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.

The aim of this trip was to observe Indo-Pacific bottlenose dolphins around Jeju Island underwater preliminary, and share the information with local researcher. In this trip, we could research Dolphins for 4days, and observe them for 3days. We could not observe Dolphins underwater because of the weather and sea condition, but we could observe from seashore for 6times, and we could talk about researches of both in Mikura Island and Jeju Island with Ms.Soojin, who researches Dolphins in Jeju Island.

Schedules

30th April 9:00-16:00 Observe the Dolphins from seashore road (Northwest side-Southwest side)

1st May 9:00-15:00 Observe the Dolphins from seashore road (Northwest side-Southwest side)

2nd May 9:00-16:00 Observe the Dolphins from seashore road (Northwest side-Southwest side)

4th May 6:30-16:00 Observe the Dolphins from seashore road (Northeast side-Southeast side, Southwest side-Northwest side)

We observed Dolphins from seashore, and recorded the numbers of individuals in the groups, behaviors, the distance from the shore when we found Dolphins. The number of individuals in the groups were various from 5 to over20. We could observe resting, travelling, and jumping, which is seldom seen by the groups around Mikura Island.



Dolphins near the shore

Find Dolphins from the car

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Observe Dolphins from seashore

In this trip, we could not research Dolphins underwater, but we could find jumping, which is seldom seen by the groups around Mikura Island so often in Jeju Island. So, there are possibly some differences between the groups in Jeju and Mikura Island. I want to observe the sex and age class of the members of the groups in Jeju populations through underwater observation and compare with the groups from populations in Mikura Island in the future. From this study, the social structure of the Dolphins will be revealed.



With Ms. Soojin and Prf. Kim

6. Others

I would like to express my gratitude to Jae C. Choe at Ewha University for introducing us to Ms.Soojin. I would also like to appreciate to professor Tetsuro Matsuzawa at PRI, professor Masaki Tomonaga at PRI, and professor Shiro Kohshima at WRC for supporting this trip. And I would like to express my deepest appreciation to Ms,Soojin at Enwa University and professor Byung-Yup Kim at Jeju National University for your big help in this trip. I am looking forward to research Dolphins underwater in Jeju together in the near future. Finally, this trip was supported by PWS program. I am appreciate all PWS program participants.

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