


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.)

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Affiliation/Position	Wildlife Research Center/M2
Name	Natsuko Tajima

1. Country/location of visit
Mikurashima, Tokyo
2. Research project
Observation of pair swimming and individual identification of Indo pacific bottlenose dolphin around Mikura island
3. Date (departing from/returning to Japan)
2016.6.10-2016.6.23
4. Main host researcher and affiliation
Mikurashima tourist association
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>The aim of this trip is to do individual identification survey and to analyze pair swim behavior of Indo-pacific bottlenose dolphin around Mikura island.</p> <p>In this research, I got on the dolphin watching boat and searched dolphins around Mikura island. When I found dolphins, I dived into the ocean and recorded dolphins using waterproof video camera(Fig.1). I could ride the Dolphin watching boat 6 times in this trip.</p> <p>After I recorded dolphins, we identified each dolphins in recorded video data by clacks of fins and scars in each dolphins body. I analyzed most of all recording data I took in this trip. I observed 10 mother-infant pairs, and I could find one new mother-infant pairs in this trip. And I get 10 samples of Dolphin feces to analyze kinships.</p> <p>Using these data, I will analyze pair swim behavior of focal animals (Fig.2). In this trip, I could observe pair swim of old adult females. Also adult males and adult females with infants are do pair swim with same age class individuals. I will analyze whether there are some same age pairs which often do pair swim and which does not.</p>

Fig.1 (Photo : Yuri Nagao)

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Fig.2 pair swimming pairs

6. Others

I appreciate Mikurashima tourist association and captains of Dolphin watching boat for supporting this survey. And I am grateful to the PWS program and members.