


**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.)

2015.7.27

<b>Affiliation/Position</b>	Wildlife Research Center/M1
<b>Name</b>	Natsuko Tajima

<b>1. Country/location of visit</b>
Mikurashima, Tokyo
<b>2. Research project</b>
Observation of pair swimming and individual identification of Indo pacific bottlenose dolphin around Mikura island
<b>3. Date (departing from/returning to Japan)</b>
2015.6.18-2015.7.18(30days)
<b>4. Main host researcher and affiliation</b>
Mikurashima tourist association
<b>5. Progress and results of your research/activity</b> (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 schedule of this trip is as follows.          6/18 Departure from Tokyo port          6/19 Arrival at Mikurashima          6/20-7/17 Individual identification survey          7/18 departure from Mikurashima to Kyoto</p> <p>The aim of this trip is to do individual identification survey of Indo-pacific bottlenose dolphin around Mikura island.          I got on the boat and searched the dolphin. When I found the dolphins, I snorkeled and recorded dolphins using waterproof video camera (Fig. 1).          We could ride the Dolphin watching boat 47 times and the total recording time was 1210 minutes. After we recorded dolphins, we identified each Dolphins using recorded video data (Fig 2). I identified 106 individuals in total. Also I identified 8 mother-infant pairs and found 2 new infants with adult female in this survey. In future, I will identify whether this 2 pairs are mother-infants or babysitting.          And we get 26 samples of Dolphin feces to analyze kinships.          In next field trip, I will analyze social behavior and pair matching while pair swimming (Fig. 3).</p>

Fig. 1 (Photo : Minako Fijusato)

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Fig. 2 individual identification



Fig. 3 pair swimming pairs (right side)

## 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.