

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.)

	2015.12.5
Affiliation/Position	Wildlife Research Center/M1
Name	Natsuko Tajima

1. Country/location of visit
Minami chita Beach Land, Aich pref.
2. Research project
Observation of pair swimming between mother and neonate in captive Bottlenose dolphin
3. Date (departing from/returning to Japan)
2015.11.30
4. Main host researcher and affiliation
Natsuko Sakurai (Minami chita Beach Land)
5. Progress and results of your research/activity (You can attach extra pages if needed)
<p>Please insert one or more pictures (to be publicly released). Below each picture, please provide a brief description</p> <p>The aim of this trip was to collect the video recording data of pair swimming and social behaviors between mother and neonate.</p> <p>To record this behavior, I set two video cameras (SONY XR550v and SONY XR590v) with tripods. One set outside to record the pool form upper side and the other set in front of underwater observation window to record the underwater behavior. (Fig1,2)</p> <p>But The video set outside did not work well, so I collected recording data from the one in front of the pool.</p> <p>In the observation pool, there are two female dolphins. One is 13-years-old and she is pregnant. The other is 6-years-old. But 6-old -year female died before calf was born, So I recorded only mother and neonate behavior.</p> <p>Neonate was male and born at 9:38am in 30th June. So recording period was from 30th June to 31th October.</p> <p>Total recording days was 123days, and total recording time was 935 hours.</p> <p>I observed 5-month-old neonate does some social behavior with his mother such as touch, bite, chase etc.</p> <p>I will analyze how to develop social behavior of this neonate from birth to 4-month-old.</p>

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Fig1. Outside video camera

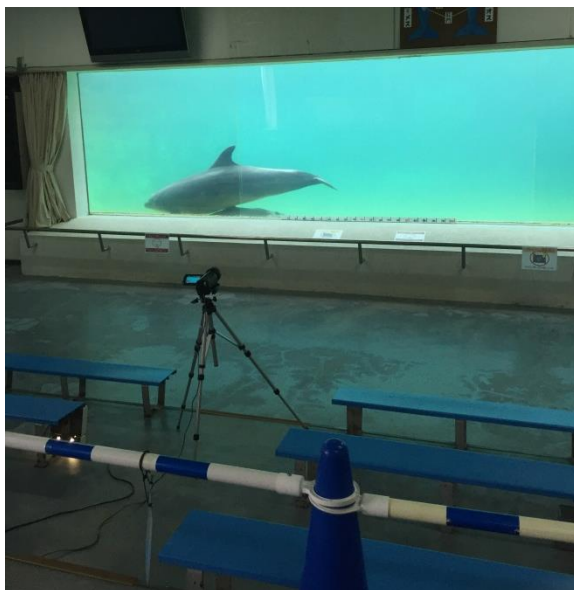


Fig2. Inside video camera

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Fig3. Mother and neonate

6. Others

I appreciate Staffs at Minami chita Beach Land, especially Ms. Natsuko Sakurai for accept and help this observation. And I am grateful to the PWS program and members.