



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.)

2016.3.10

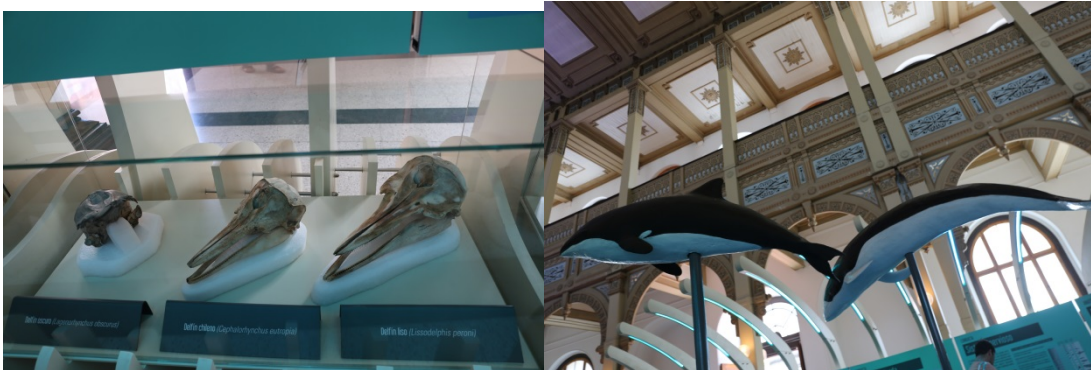
Affiliation/Position	Wildlife Research Center/M1
Name	Natsuko Tajima

1. Country/location of visit
Chile republic (Puelto monnt, Rauka national park)
2. Research project
Observation of wild Dusky dolphin, Peale’s dolphin, Chilian dolphin and mountain vizcacha
3. Date (departing from/returning to Japan)
2016.1.28-2016.3.1
4. Main host researcher and affiliation
Jose Luis Urrutia(CONAF)
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 is to observe wild dolphins and mountain vizcacha in chile In Santiago, I went to Chile national zoo, Chile national history museum, and Buin zoo. In Chile national zoo, there are many Chilean animals. This was my first time to observe vicuñas, Guanacos, Darwin's Rheas, Otarias. There were many family visitors, so I found zoo was also popular in Chile.
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Otaria</p> </div> <div style="text-align: center;">  <p>Guanacos</p> </div> </div>
In Chile national history museum, there are exhibition about vegetation and ecosystem of Chile. Vegetation and ecosystem of Chile vary from dessert in north and Antarctic in South. There are many georama about wildlife and people live in each region. There was also special exhibition for cetaceans. It was very interesting.

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Chile National history Museum Georama exhibition



Exhibition about Cetaceans Exhibition about Cetaceans

Buin zoo was a very huge. There are many animals from Chile and other countries. Each space for animals was very big and explanation was very precise. It was very good zoo,



Buin Zoo chinchilla

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Exhibition for redlist



Darwin's Rhea

From Santiago, we went to Chiloe Island with Dr. Yayoi Yoshida to observe wild dolphins. I stayed on Chiloe Island with Dr. Totto, who was a marine biologist in Chile. I observed dolphins from the hills for 5 hours during high tide in 3 days. On the first day, I could observe dusky dolphins or Peals Dolphins. On the 3rd day, I could observe Chilean dolphins. They swim randomly and slowly, so they may come to this bay to catch some fish. I was lucky to observe 2 species of dolphins in Chile. Also, Dr. Yoshida and I set an acoustic tag in the bay to record the dolphin's voice. Unfortunately, we could not record their voice this time, but we found there were very good places to research dolphins in Chile. I look forward to visiting this place for some research again.



Observation point



Setting Acoustic tag



Dusky Dolphins or Peals Dolphins



Chilian Dolphins

I went to Arica and met Mr. Jose Luis Urrutia, the staff of CONAF. I went to Putre with him and try to adapt the

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altitude. I went Mt. Tarapaka, which was 5200m high with Mr. Jose. It was so hard to walk at that altitude, but it was good experience for me. After I adapt to altitude, I went Parinacota for help Ms. Ichiyama to observe mountain viscacha. We set video camera in front of small mountain of rocks, and record viscacha’s behavior and voice by focal sampling. It was little bit hard to collect data because it was rainy season. But we could record alarm call of viscacha. Also we set Traps and caught one young viscacha with Prf. Pablo Valladares from University of Tarapaka. Total observation time of focal sampling was 78hours, Total recording time was 51hours. I am looking forward to see analysis results.



Feeding



Viscacha in Trap

6. Others

I would like to express my gratitude to Mr. Jose Luis Urrutia (CONAF), Mr. Tarsicio antezana (California University), Prf. Pablo Valladares (Universidad Tarapaka) to support this trip and arrange about research permission. I would also like to appreciate to Dr. Yayoi Yoshida for teaching many things for us. And I would like to express my appreciation to Mr. Makoto Tsutsumi for your support in santiago. Finally, this trip was supported by PWS program. I am appreciate all PWS program participants.