

Form 3

Date (日付)

27/05/2011

**Activity Report -Science Dialogue Program-**  
**(サイエンス・ダイアログ事業 実施報告書)**

Fellow's name (参加外国人研究者氏名): Carlos B. Zavalaga

(ID No. P09317)

Participating school (参加機関(受入学校名)): Atsuta High School

Date (実施日時): 25/05/2011 Time: from 1:30 PM : to 3:30 PM :

Lecture title (講演題目): (in English) An introduction to the world of biologging

(in Japanese)

Lecture summary (講演概要): The presentation started with a brief introduction of the speaker, highlighting the role of JSPS in the promotion of scientific collaboration between Japanese and foreigner scientists. After this brief introduction, I started to explain the concepts of biologging, explained in detail how of the electronic devices to track free-ranging animals work, their applicability and how seabird biologists work in the field. Several short videos of fieldwork experience were shown (example: researchers checking seabird nests, trapping birds, videos captured by mounted cameras on seabirds). Finally, I explained specific research with seabird GPS-tracking. I showed GPS to students, demonstrated how they are used in the field and display some real data of Streaked shearwater tracks. As an epilogue, two students carried GPS units outside the school. They came back to class after 15 minutes. I downloaded the information and the class could see the track of the two students in GoogleMap. I distributed printed copies of the PowerPoint presentation to students at the beginning of the class.

Language used (使用言語): English

Lecture format (講演形式):

Lecture time (講演時間) 90 min (分), Q&A time (質疑応答時間) 10 min (分)

Lecture style (examples: used projector, conducted experiments)

(講演方法 (例: プロジェクター使用による講演、プレ実験など))

I used projectors, board, videos and real instruments used in seabird research

Interpreter (example: assistance by host or colleague, provided Japanese explanation by yourself)

(通訳 (例: 受入研究者によるサポート、外国人研究者本人による日本語説明))

Assistance by a PhD student from host researcher lab at Nagoya University \_\_\_\_\_

Name and title of assistant (協力者 職・氏名) (example: host or colleague)

Mr. Shirai Masaki (colleague)

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○Other note worthy information (その他特筆すべき事項):

None

Impressions and opinions of assistant (協力者から本事業に対する意見・感想等がございましたら、お願いいたします。):

Shirai -san was very kind and helpful during the presentation. He did an excellent job