

Form B-5

Date (日付)

28/11/2012 (Date/Month/Year: 日/月/年)

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 (講師氏名): Rebecca Leigh Payne (ID No. P 11531)

- Participating school (学校名): Fujishima Senior High School (Fukui Prefecture)

- Date (実施日時): 22/11/2012 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Why and how do we reconstruct paleoclimate?

(in Japanese) なぜ?どのようにして?過去の気候をしらべるの?

- Lecture summary (講演概要): Please summarise your lecture 200-500 words.

This was an introductory lecture as to why and how scientists study paleoclimate (past climate). I started the presentation by providing an overview of my research interests and life in the UK. The motivation to understand the global climate system was then explained. The different types of archives that scientists use to reconstruct climate were outlined focusing on polar ice, marine and terrestrial records. The "SG06" sediment core taken from Lake Suigetsu (Fukui Prefecture, Japan: www.suigetsu.org) was used as an extended example as to what scientists can learn about climate using lake cores. Explanation of the Lake Suigetsu coring campaign in 2006 was also provided.

1. Introduction (about me) 序説 (私 について) 2. Why do we study climate? なぜ私達は気候について研究するのか? 3. What is paleoclimatology? 古気候学とは何か? 4. How do we study paleoclimate? どのようにして古気候学を研究するのか? 5. Example: Lake Suigetsu, Fukui Prefecture 研究例: 水月湖、福井県

- Language used (使用言語): English

- Lecture format (講演形式): PowerPoint presentation

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

◆Lecture style (ex.: used projector, conducted experiments)

(講演方法 (例: プロジェクター使用による講演、実験・実習の有無など))

PowerPoint presentation

◆Interpretation (ex.: assistance by accompanied person, provided Japanese explanation by yourself) (通訳 (例: 同行者によるサポート、講師本人による日本語説明))

Two slides containing key information were provided in Japanese. Also, Mr. Osamu Sakai (a teacher at Fujishima Senior High School) kindly provided assistance with translation

◆Name and title of accompanied person (同行者 職・氏名)

N/A

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

N/A

- Impressions and opinions from accompanied person (同行者の方から、本事業に対する意見・感想等がありましたら、お願いいたします。)