

(For JSPS Fellow)

Form B-5

Date (日付)

5/10/2015 (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): Elizabeth Sheedy (ID No. P15714)
- Participating school (学校名): Utsunomiya Girls' High School
- Date (実施日時): 2/10/2015 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): (in English) Mushrooms that moved me: How science can take you places
(in Japanese) _____
- Lecture summary (講演概要): Please summary your lecture 200-500 words.

How did a girl from a small town in Victoria, Australia, end up working for the National Museum of Nature and Science in Tsukuba, Japan, and what is she doing? The lecture began with an introduction to my home country and hometown with images of the flora and fauna and some cultural icons. I then described my motivation for becoming a scientist and some of my experiences along the way. This section also included a discussion of how science can enable you to visit many different places in the world and how English is an important language for scientific communication.

Next was an introduction to basic mushroom biology to assist with the explanation of my own research. Basic biology covered a general mushroom life-cycle, identification of genetic individuals using DNA fingerprints, and an overview of mushroom feeding strategies with a focus on mutualism and ectomycorrhizae. I then described my research on wild mushroom distributions in southeast Australia. This included how DNA data was used to find evidence of where a species survived during the last period of glaciation in southeast Australia and the importance of spore dispersal. Finally, I briefly described my current project on mushrooms that were introduced to the Ogasawara (Bonin) Islands, and what I expect to find.

- Language used (使用言語): English
- Lecture format (講演形式):
 - ◆Lecture time (講演時間) 45 min (分), Q&A time (質疑応答時間) 10-15 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 with use of projector
 - ◆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))

Accompanying person was in attendance but did not contribute during the presentation. At the request of the teacher, I provided key words and an abstract of the presentation in advance so the students could research some of the vocabulary.

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

Dr Kentaro Hosaka

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

- 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。):