

Form B-5

Date (日付)

18 Nov, 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): Craig Barnett (ID No. P11701 )

- Participating school (学校名): Hikawa High School Yamanashi

- Date (実施日時): 18 Nov, 2012 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) How the study of life, the universe and everything, can help you

(in Japanese)

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

My lecture was divided into three parts. In the first section, I introduced myself and talked a little about my research interests in biology. I then talked about why science is fun and important in society and how science can help increase international understanding before I outlined why learning English is important if students are going to pursue an international career in science. In the second section, I talked about evolution and population biology and some of the mechanisms that are responsible for evolution. I then talked about evolution on islands and why islands are important for the study of evolution. At this point, I stopped the lecture and conducted a small activity with the students where we watched a video of a marmot in order to measure different behaviours. I used this to demonstrate that different people counted different numbers of behaviours. I then made the point that how can we then be sure of what is objective knowledge. I then pointed out some of the similarities of the wildlife between New Zealand and Japan and gave some examples of adaptive radiation in these countries. In the final section, I talked a little about some of my research findings which included the fact that I found that New Zealand robins can recognise individual humans, but that this ability was also related to the bird's personality type. I finished the session by answering various questions of the students.

- Language used (使用言語): English, with translation

- Lecture format (講演形式): Spoken

◆Lecture time (講演時間) 75 min (分), Q&A time (質疑応答時間) 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))

I used powefpoint and had a task which was a video analysis of behaviour

◆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))

I was assisted by a teacher at the school

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

◆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。)

I was impressed by the student's enthusiasm and knowledge of biology and science.