

(For JSPS Fellow)

Form B-5

Date (日付)

19/06/2014 (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): SKRZYPEK ETIENNE (ID No. P13715 )

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

- Date (実施日時): 12/06/2014 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): ( in English) Problematic Geosciences  
( in Japanese) 地質学の問題

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

The main goal of my presentation was to present my home country as well as basic information about Earth Sciences. My presentation was divided into three parts:

- (i) a short self-introduction and presentation of my home country/region (France/Alsace),
- (ii) a presentation of research topics in Earth Sciences,
- (iv) practical exercises about rocks and minerals.

First, I briefly talked about my home country, France, but spent more time on the history of the region I come from, Alsace, and its capital city, Strasbourg. I decided to present this simple historical review because Alsace forms a unique part of Europe with mixed French and German cultural influences, and this may appear quite uncommon for Japanese people. The students were able to feel how this part of Europe has been evolving during the last two thousand years.

Second, I explained why I decided to do scientific research and presented my current activities. I could show that geology is a natural science which requires not only laboratory work, but also field observations. I illustrated the techniques that I am generally using and the different types of analyses that I can perform.

The final part of the lecture was made of practical exercises in order to interact with the students. These were short questions around the theme "The different types of rocks and minerals". The logical exercises did not require advanced geological knowledge, but tried to make the students think about geological processes. The very end of the lecture was dedicated to the recognition of mineral samples, giving the students the possibility to touch geological objects and discover the world of mineralogy.

- Language used (使用言語): English, with Japanese translation by accompanying colleague

- 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 (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))

Mostly using projector. Practical exercises on the blackboard and handouts. Final part with observation of rock samples.

- ◆ 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))

The accompanying Japanese colleague translated difficult parts of the presentation, and helped to answer to the student's questions. \_\_\_\_\_

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

TAKATSUKA KOTA, 4th year Undergraduate student \_\_\_\_\_

- ◆ 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。)

今回の SKRZYPEK 博士の講演では多くの生徒がメモを取りながら聞き、実際のサンプルに対してはとても興味をもって観察しているように見えた。高校生にとっては普段馴染みのない地質学に接することができたのでよかったと思う。

また、私自身がそうであったが高校の授業で外国人の講演を聞く機会はないため、学校の英語の授業では経験できない“生きた英語”を聞くことができるのはとても良いことであると思う。残念なことは、生徒も恥ずかしがったり、間違いを恐れたりすることなく質問などを通して英語を使うことができたらより充実した講演会になったのではないかと思う。