

(For JSPS Fellow)

Form B-5

Date (日付)

2/11/2016 (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): RAM KESHARI DUWAL (ID No. P15085)

- Participating school (学校名): Kawaura High School

- Date (実施日時): 31/10/2016 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) General concept on Entomology, a study on classification, morphology and economic values of insects

(in Japanese)

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

Insects are important creatures of the nature which are tiny but plays important role in ecosystem. Despite of small size, they are divided into three body parts: head, thorax and abdomen, and bears segmented appendages and two pairs of wings. Mouth parts of insects are modified variously according to their feeding habit, e.g., biting and chewing (Beetles, grasshoppers); chewing and lapping (Bees), Piercing and Sucking (butterflies, moths, bugs), sponging (flies) etc. Insects occupy wide range of habitat such as deep forest, agriculture farm, orchards, water, etc. Insects have direct/ or indirect effect on human/ or human economy as some of the insects are considered as plant pest, some are known for transmitting different disease but some beneficial insects help in pollination, scavenging, and controlling other pest insects in agro-ecosystem.

Finally, we wrap up our lecture with short Quiz and experimental studies.

- Language used (使用言語): English and Japanese

- Lecture format (講演形式):

◆ Lecture time (講演時間) 90 min (分), Q&A time (質疑応答時間) 30 min including experiment (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))

Used projector for power point presentation and microscopes for to observe specimens

- ◆ 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))

Assistance by accompanied person

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

Professor, TOSHIYA HIROWATARI (My host)

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

Great experience interacting with students and teachers of Kawaura high school

- 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。):

外国の優れた研究者の話を英語で聞くのは、高校生にとって刺激になると思います。また、外国人特別研究員にとっても、自分の研究内容を平易に説明するのはよい経験になると思います。また、受入研究者にとっても、高校教育の現場をみたり、外国人特別研究員との親睦を深めたりすることができて有意義でした。