

(For JSPS Fellow)

Form B-5

Date (日付)

21/12/2015 (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): Ram Keshari DUWAL (ID No. P15085)

- Participating school (学校名): Takamori High school

- Date (実施日時): 16/12/2015 (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.

The class started with the self introduction and brief information on my home country Nepal. The topic for the lecture was on "General concept of Entomology, a study on classification, morphology and economic values of insects". Therefore, first, definition and characteristics of insects were precisely explained by displaying illustrations of different body parts of insect and types of insects. Next, general ideas on life cycle of insects were shared. Then, food and shelter of insects were shortly explained with several examples in different groups of insects. The superficial knowledge on pest, natural enemies, parasitic and medically important insects were described. Also, in few slides several collection techniques were displayed.

In experimental activity section of lecture, a quiz was conducted to see understanding level of students which was satisfactory. Then, after brief explanation about the experiment, students were divided into four groups and were distributed a set of insect specimens to each group including beetles, bugs, butterflies, moths, grasshoppers and bees. They examined mouthparts, wings, leg and antennae, and matched with the correct illustration and finally divide them into five different higher groups of classification Coleoptera, Lepidoptera, Hymenoptera, Hemiptera and Orthoptera.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) about 100 min (分) lecture including experiment, 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))

used projector, and for experiment insect specimens were distributed and observe body parts_____

- ◆ 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))

Japanese explanation was provided by accompanied person_____

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

My host, Professor Toshiya Hirowatari_____

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

I am surprise with students comments that the lecture was inspiring to them for learning english and some were even motivated to love creature in nature after calss.

- 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。):

The following are the opinion by Professor Hirowatari who joined a lecture with me:

高校生にとって外国人研究者から研究の話を知るの刺激があったようで、外国人特別研究員にとっても日本の高校で講演をすることはよい経験になったようだ。双方にとって、有意義な事業であると感じた。広渡俊哉