

(For JSPS Fellow)

Form B-5

Date (日付)

25/09/2014 (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): BOBER Beata (ID No. P 13804)- Participating school (学校名): Aichi Prefectural Kariya High School- Date (実施日時): 24/09/2014 (Date/Month/Year: 日/月/年)- Lecture title (講演題目): (in English) The influence of cyanobacterial blooms on aquatic environment(in Japanese) 水環境におけるラン藻(アオコ)の影響

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

The lecture was divided into three parts. The first part of the lecture was concentrated on some information about my home country – Poland, its geography, nature and culture. Furthermore, I presented my research background including motives for becoming a scientist, description of researcher's life and my home university. I also included my impression of living and working at university in Japan. The next section was dedicated to my research area. I presented the current state of knowledge on cyanobacteria. Taking into consideration that the students were especially interested in environmental science, the influence of cyanobacterial blooms on aqueous environment was presented in details. The last part of the lecture was the experiment. It was made microscopic examination of several species of cyanobacteria to show their morphological diversity. During the Q&A Time it was interesting discussion about presented research and scientific career.

- Language used (使用言語): ENGLISH

- Lecture format (講演形式):

◆Lecture time (講演時間) 150 min (分), Q&A time (質疑応答時間) 30 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; conducted experiment (microscopic examination)

◆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 undergraduate student

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

Mai ASAKURA

◆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。):

高度な研究内容をさらに英語で説明するため、理系選択でない高校生がすべて理解するのは困難に感じました。しかし実際の質問の内容や研究者と意見を交わしながら実験する姿を見ると、何かしら捉えて自分のものにする様子が伺え、良い会となりました。高校生の時にこのような体験をすることは研究する楽しさを知る貴重な機会だと思います。