

Form B-2
(FY2020)
Must be typed

Date (日付)
28/09/2020 (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): BALLARIN Francesco (ID No. 18380)
- Name and title of the accompanying person (講義補助者の職・氏名)

- Participating school (学校名): Tokyo Metropolitan Tama High School of Science and Technology
- Date (実施日時): 24/09/2020 (Date/Month/Year: 日/月/年)
- Lecture title (講義題目):
Life in darkness. Why cave animals are so strange and what can they teach us
- Lecture format (講義形式):
◆Lecture time (講義時間) 45 min (分), Q&A time (質疑応答時間) 10 min (分)
◆Lecture style (ex.: used projector, conducted experiments)
(講義方法 (例: プロジェクター使用による講義、実験・実習の有無など))
Power Point oral presentation using a projector _____
- Lecture summary (講義概要): Please summarize your lecture within 200-500 words.
The lecture starts with a brief introduction about myself, my homecountry and my scientific career. After this I shortly discuss the main feature of the subterranean habitats and cave-adaped as well as their importance to study evolution, environmental changes and animal protection. A cave is a special kind of habitat. Inside a cave there is no light, no days and no seasons, temperature and humidity are the same along the whole year and the food is scarce. To survive in a so strange and difficult environment cave animals need special adaptations such as loss of eyes and colors, elongation of legs, change of habits, and so on. Because of these special features, studying cave animals we can get important information about the evolution of living organisms. In addition, since the cave environment is always uniform, cave animals are also very sensitive to any change of their habitat, they need special protection and can also be used as a model subject to explore the effects of ancient end recent climate changes.
- ◆Other noteworthy information (その他特筆すべき事項):
Some specimens of cave-adapted animals (mainly spiders) collected during previous field trips in Japan were showed to the students using a stereomicroscope with a camera attached on it.

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※弊会記入欄

- Impressions and comments from the accompanying person (講義補助者の方から、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。):