

平成 24 年 3 月 8 日

## JSPS 先端拠点形成事業による派遣研究者研究報告書

所属部局・職 霊長類研究所附属国際共同先端研究センター

・外国人研究員（客員教授）

氏 名 HILL David Anthony

1. 派遣国名 マレーシア

2. 研究課題名 Assessing the importance of tropical rain forest fragments on the Malay-Thai border for conservation of forest bat diversity.

3. 派遣期間（本邦出発から帰国まで）

平成 24 年 11 月 25 日 ~ 平成 24 年 12 月 6 日（12 日間）

4. 主な受入機関及び受入研究者

Perlis State Park (ペルリス州立公園), Universiti Sains Malaysia; Dr Shahrul Anuar

5. 所期の目的の遂行状況及び成果（研究内容、調査等実施の状況とその成果）

Aims: Pilot survey to assess the suitability of Perlis State Park for developing protocols for rapid assessment of tropical forest bat diversity. Although Dr Anuar has conducted previous surveys of bats at the site he has used only capture. In this collaboration we introduced acoustic (ultrasound) monitoring and acoustic lure to enhance the survey methodology. Over 6 survey nights using four harp traps we captured 256 bats including 17 species. One of these was a new species record for Malaysia. We also established that several species of horseshoe bat could be surveyed using acoustic monitoring. The results were encouraging, although the methods need to be optimized for the site. We plan to build on these results to develop a protocol for systematic assessment of bat diversity and distribution.

6. その他（特記事項など） 特になし