

Research Activity Report
Supported by “Leading Graduate Program in Primatology and Wildlife Science”
 (Please be sure to submit this report after the trip that supported by PWS.)

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Affiliation/Position	IPB University/M2
Name	Achmad Alfian

1. Country/location of visit
Japan, Yakushima
2. Research project
Yakushima Field Course
3. Date (departing from/returning to Japan)
2019. 5. 25 – 2019. 5. 31 (7 days)
4. Main host researcher and affiliation
Dr. Goro Hanya, Professor at Primate Research Institute, Kyoto University
5. Progress and results of your research/activity (You can attach extra pages if needed)
Please insert one or more pictures (to be publicly released). Below each picture, please provide a brief description.
<p>During this course, I and some other students conducted research on flies which visit faeces of Yakushima monkeys and deers.</p> <p>Our team used this opportunity to know if there is any preferences of flies in visiting monkey and deer faeces and if there is any flies that only found only visiting one of the faeces (monkey/deer faeces) [specific flies for specific faeces].</p> <p>First day, arrival at Yakushima Island (25 May 2019)</p> <p>In the first day, after all of student arrived, Hanya-sensei give us explanation about the disaster management and the dormitory’s rule in the afternoon. And in the evening, the lecturer (of each group) give us some brief explanation about how we will do in the next day, about flies (for Fly group) and give us some tools which we will use.</p> <p>Second day, Fly group (26 May 2019)</p> <p>In the second day, from morning until before noon, Hanya-sensei and the teacher assistants give us some example in observing flies which visiting the monkey/deer faeces, in general way. After that we get back to the dormitory and had discussion about how the observation will be done (method observation) based on example which have been given and in the afternoon we do observation by ourselves (observing the flies and collecting the faeces to measure its weight) with some help from the lecturer. In the evening we do discussion again, to revise some part of the observation method.</p> <p>Third-Fifth day, Fly group (27-29 May 2019)</p> <p>In the third day we do the observation all day from morning till afternoon but in the fifth day we do the observation only until noon. Our group divided in to 2 smaller group and go to different area to maximise the observation. Beside observing the flies, we were also collecting DNA of Yakushima’s monkey from their faeces in the third and fifth day. In the fourth day we have discussion about our observation results and do some analysis from morning till afternoon without any observation because the weather and we also had another discussion about observation results and doing another analysis in the fifth day afternoon. In the fifth day evening, after dinner we had discussion again about preparing the presentation. From analysis we know there is preferences in flies in visiting monkey or deer faeces and we also found that there is some spesieses of flies that only can be found in monkey or deer faeces.</p> <p>Sixth day, Presentation day (30 May 2019)</p> <p>Like in the third day, we dont do observation but not due to weather but due to preparing the presentation. We were preparing the presentaion file and short video about our group’s observation from morning till 2/3 p.m. and in the 3 p.m. we had presentation.</p>

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Seventh day, Departure from Yakushima Island (31 May 2019)

Before departing from Yakushima Island, the lecturers brought us to Yakusugi Land. In there we can see many big old tree and also stream. Hanya sensei give us some explanation in there. It was enjoyable experience after we had some observation work.

Through this experience, my field study experience was enriched especially how we observe animal in their natural habitat and also how to do non invasive sampling method (collecting faecal sampel) and i can meet and interact with other people from many different country, making friend with them, do work together, do conversation about many things, like the culture in our country.



Fig 1. Yakushima's Monkey



Fig 2. Yakushima's Deer

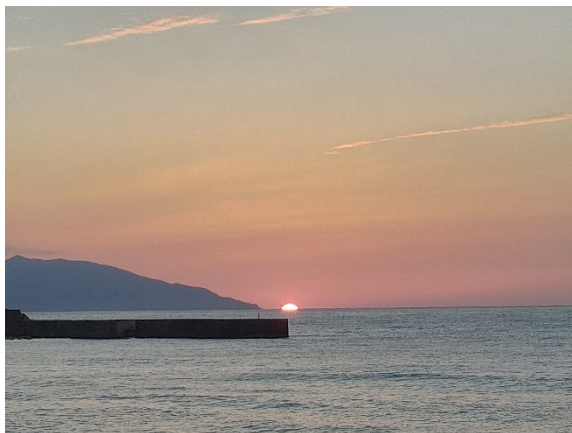


Fig 3. Yakushima's Sunset



Fig 4. Stream in Yakusugi Land

6. Others

I would like to thank Dr. Goro Hanya, Dr Hirokazu Toju, Dr Akiko Sawada, Mr Honda, Mr He, Mr Tabuse, Ms Lee, Ms Hanzawa and other lecturers, for sharing their knowledge and also their guidance during this course. And also I would like to thank to PWS for organizing and supporting the Field Course.