

Final Report
Coffee and Primate Conservation Project 2019



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SWARAOWA

2019

Summary

We have propose to enhance forest protection status of Petungkriyono forest, through collaborative forest management approach. A forum collaborative management have been submitted to local province government of Central Java. Biodiversity monitoring als have been found new record on Javan leopard on camera trap, and new record on Javan Blue Banded kingfisher. Annual activities, Sokokembang primate field course have been done for the 7th in 2019. We have been distribute and planting about 25000 coffee plants for farmers group in Petungkriyono. We have been developing agroforest plot, to study pollination, beekeeping and coffee production, located at Mendolo village. We

have success to create Javan gibbon board game for educational purposes, and potential to be developed for conservation and education program in the near future.

Activities :

To initiate enhancement forest protection status of Javan gibbon habitat in Central Java.

Series of meeting with local stake holders have been started in February 2019, this activities is to promote forest protection status of Javan gibbon habitat in Petungkriyono district and surrounding areas. Meeting with local government as policy makers conducted to open communication among policy implication for the forest as habitat for endangered species, preserving ecological function, economy and social value of the forest. So far we have meet with Perhutani; BKSDA: Dinas Kehutanan province, to communicates

We the concept (read here) of collaborative forest management in Petungkriyono.

<https://swaraowa.blogspot.com/2019/03/menggagas-pengelolaan-kolaboratif-hutan.html>

Update 1

Series of meeting, have been done with local government of Pekalongan regency, the meeting is initiate process to enhance forest protection status for Javan gibbon habitat, especially in the Petungkriyono Regency. First stakeholder meeting was done in 28 June 2019 to start regional forum for relevant stakeholder. In this meeting we present a talk about Javan gibbon and biodiversity important value in Petungkriyono forest. Participants of this meeting are government agencies such as : PERHUTANI, BKSDA, DLHK, CDK Pekalongan, BAPPEDA, Village government, youth organization (POKDARWIS), and NGO.



Participants stake holder meeting to initiate collaborative forum

Update 2

A collaborative forum for Petungkriyono forest management have been established, based on the latest stakeholder meeting on 14 November 2019 hosted by Forestry Agency of Central Javan Province. We joint as a member of this forum and all agree to propose petungkriyono as Essential Ecosystem Area, a new conservation area form that managed based on collaborative management under Ministry of Forestry Republic of Indonesia . in the forum we proposed an area about 7,6833 Ha for essential ecosystem.



Group photo collaborative forum for Petungkriyono forest management (foto by official committee)

To mainstream biodiversity value in the Javan gibbon habitat

1. Bird monitoring, new record on Javan blue banded kingfisher reported during fieldwork in 2018, collaborative publication with ornithologist and have been submitted for publication in Birding Asia June Edition.
2. 5 camera traps have been deployed in the shade grown coffee and forested habitat, as initiate assessment for mammals diversity in the shade grown coffee habitat.



Update

Since April 2019, five camera trap have been deployed in Sokokembang forest, to invent wildlife species that still occurred along with shade grown coffee habitat in the surrounding villages, we left camera in a location about 30 days, and move to other locations. So far we have identify these wildlife in the shade grown coffee habitat:

No	Local names / common name	Species
1.	<i>Macan tutul / Javan leopard</i>	<i>Phantera pardus</i>
2.	<i>Trenggiling/ Panggolin</i>	<i>Manis javanica</i>
3.	<i>Ayam hutan Merah/ Red jungle fowl</i>	<i>Galus galus</i>
4.	<i>Tupai / common threeshrew</i>	<i>Tupai glis</i>
5.	<i>Landak/Sunda Porcupine</i>	<i>Hystrix javanica</i>
6.	<i>Babi hutan/ wild boar</i>	<i>Sus scrofa</i>
7.	<i>Kijang/ Muntjak deer</i>	<i>Mutiacus muntjak</i>
9.	<i>Longtailed macaques</i>	<i>Macaca fascicularis</i>
10.	<i>Rekrekan / Javan surili</i>	<i>Presbytis comata</i>
11.	<i>Tikus / Rat</i>	<i>Rattus sp</i>
12.	<i>Ciung / Whistling thrush</i>	<i>Myophonus glaucinus</i>
13.	<i>Paok/Javan banded pitta</i>	<i>Hydrornis guajana</i>
14.	<i>Linsang/Banded linsang</i>	<i>Prionodon linsang</i>
15.	<i>Garangan/small Asian Mongoose</i>	<i>Herpestes javanicus</i>

All these data have been prepare for further research to enhance biodiversity value in the shade grown coffee habitat.

3. Establish conservation network

In February 2012 we have guest from east Kalimantan, [The Nature Conservansi](#), visit with his 10 staff and 2 staff of forestry official from east Kalimantan ([Balitek KSDA](#)) to learn method for gibbon survey.



Conservation discussion series conducted with special guest from TNC to learn about orangutan and Bekantan. <https://swaraowa.blogspot.com/2019/02/seri-diskusi-konservasi-2-bekantan-dan.html>

End of April 2019, there are 50 student from Jakarta (University of Nasional) doing short course in Welo asri, Petungkriyono, doing fieldwork and survey for birds, mammals, reptile and amphibian, forest plants, and also working with community to give training about masroom cultivation.

Update

1. We have been invited by Borneo Nature Foundation in central Kalimantan on 2-3 July 2019 to present a talk on our project, we promote our grassroots conservation approach through coffee and primate conservation project. This event including class presentation, workshop/Focus Group Discussion and Field Trip.

2. Conservation Discussion series #3

It was done in Sokokembang village, with topic “ avitourism “ invited two guest speaker from two birding tour in Yogyakarta and East Java. This event is attended by 28 participants from central Java. Read here for full report : <https://swaraowa.blogspot.com/2019/07/seri-diskusi-konservasi-3-avitourism.html>

3. The 7th Sokokembang Primate Field Course

Sokokembang primate field course 2019, it was done in 11-13 October 2019, it was annual event in the javan gibbon habitat to rise young primatologist in the habitat of endangered primates. This the 7th training since 2013, there are 25 participants representative of students university, forestry officials, NGO and nature youth club. There are two invited speaker who share their field experience to participants, first Anton Nurcahyo (BOS Foundation) from east Kalimantan and Salmah Widyastuti (Bogor Agricultur University). Full report of the training can be read here : <https://swaraowa.blogspot.com/2019/10/pelatihan-metode-survey-primata-untuk.html>

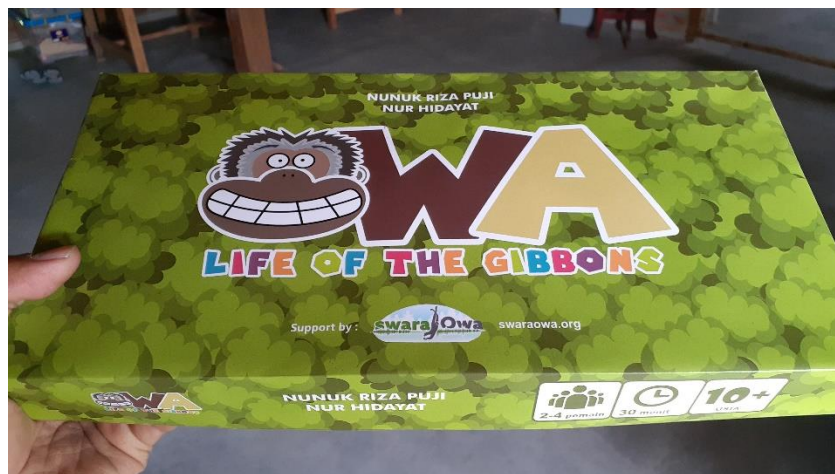


4. Javan gibbon Board Game.

Collaborative work with local educative game maker, we have succeed to create board game for educational purposes for the Javan gibbon. "OWA Life of the Gibbon" is a package educative game that inspired by Javan gibbon in Sokokembang forest, this game is suitable for school kids (5-16 years old), learn about gibbon life history. Product prototype have been try in the schools in Petungkriyono district, and received high appreciation. Team who create this game also presented a talk and launch the game during Indonesian gibbon symposium at Congress of Indonesian Primate 18-20 Sept 2019. Read here for coverage : <https://swaraowa.blogspot.com/2019/09/konservasi-primata-jawa-dengan-board.html>



Nur hidayat, presented board game OWA at Indonesian Primate Congress



OWA BOARDGAME package

4. Publications, presentation and public dissemination

We always acknowledge Fortwayzoo and others donors who support directly our conservation project, here some public presentation and publication related to the project.

Conservation talk/ presentations at:

1. [Ecotourism and Conservation seminar, organized by Biologi Faculty of Atmajaya University Yogyakarta](#), 14 April 2019
2. [Symposium and Workshop "Integrating Ecological and Ethnographic Research To Develop Effective Conservation in the threatened Rungan Landscape"](#), organized by Borneo Nature Foundation, Central Kalimantan 2 July 2019
3. [Symposium and Congress of Indonesian Primates](#), 18 September 2019.
4. Training for Yogyakarta ecotourism guide association, 20 November 2019

5. Conservation Schools, organized by Faculty of Veterinary, Gadjah Mada University, Yogyakarta 23 November 2019.

Other conservation impact for of the project is publish new record finding on critically endangered kingfisher birds, Blue Banded Kingfisher. This finding is published in [Birding ASIA \(31\) 2019](#).

To support sustainable business initiative for Javan Gibbon conservation

1. Enhance coffee production in Sokokembang, we assist coffee farmer in Sokokembang to enhance their coffee roasting process with new standard for coffee roaster.
2. Coffee nursery, we have been working in the nursery for 6 months already, and the coffee plants have been prepare about 18,000 seedlings ready to be planted. We have been collaborate with Tlogohendro village to plant the coffee in the surrounding the village and we have send 5000 coffee seedlings and planted in the Tlogohendro village.

The coffee seedling also have been used for fundrising , so we get revenue to support nursery operation.

There is a student volunteered in the nursery, doing work for nursery activities with local assistant. Read here for his experience during join in the nursery team :

<https://medium.com/@herdiansyahikbal/sebuah-konsep-memahami-arti-konservasi-melalui-pembibitan-kopi-di-hutan-sokokembang-8702c01a3a2>

3. Coffee festival and conservation talk

To promote conservation of Javan gibbon , we have joit in coffee festival, and [give a talk in the local university](#). We target for wider audience to know javan gibbon and it's conservation initiative, through sustainable forest products such as coffee, palm sugar, and honey.

Update

We have been intensively work in Mendolo village, Lebakbarang district, in this village we will focused to establish agroforestry sites that promote wildlife and sustainable eco-friendly farming. We have been prepare a demonstration farm/plot for educational purposes, enhance farmers knowledge and experience, and to promote conservation, beekeeping and combine with coffee and durian farming, under shade of natural forest trees. We have already about 25 colonies of stingless bee and small building for farmers discussion also established. Series of meetings with mendolo farmers and village government have been done to enhance knowledge and develop collaborative plan for sustainable agroforest farming.



Build a facility for stingless bee collection and propagation in Mendolo village.

Post-harvest coffee training for Mendolo youth people.

6 people from Mendolo village have joint in post-harvest coffee processing (include coffee roasting, packaging, and marketing), this group of youth people who want to produce their our agroforest product. Training conducted in Mendolo and Swaraowa's coffee roaster.



with all coffee training participants

The facility is ready to use now, and organizing farmers have been established also to manage this facilities.

In Mendolo village we have been conducted series of meeting with community and village government to arrange agreement and activities to promote agroforest farming, which include combine beekeeping and enhance forest product commodities.

Demonstration plot, have been established and ready to use, a building in the field are ready to use for farmers meeting and group discussion, including field practice. The facilities include beekeeping 20 colonies, room for meeting, and agroforest plants (durian, coffee, cloves, mangosteen, etc) that already grown in the about 3000 m2 area.



Community building have ready to use



. Aerial view Mendolo agroforest plot

Financial Report

We have received \$ 30,000 for both Project in Java and Mentawai, and we allocated budget \$20,000 for Coffee and Primate Conservation Project, as amount IDR 283,000,000

Item/Activities	Total Expenses (IDR)	Total expense (USD)
office based activities	22,432,059	1,585.30
Field Equipment's (field vehicle, community development stuff)	14,490,000	1,024.03
Project activities		
Conservation Education activities	4,500,000	318.02
Collaborative Management activities (series of meeting with forestry stakeholders/villages/)		
Community development activities (nursery establishment, beekeeping, coffee processing, training and community development networking)	62,515,000	4,418.02
Public dissemination (seminar, conferences, symposium)	600,000	42.40
Primate monitoring and biodiversity inventory	3,150,000	222.61
supporting sales and marketing of forest products, community development for coffee, warehouse activities and team capacity developments	5,656,000	399.72
Travel and accommodation Field works (monthly field work, local transport and field accommodation, vehicle maintenance)	41,452,000	2,929.47
personnel salaries (Project manager, beekeeping expert, community development specialist, coffee processing team, and book keeper and field guide)	73,800,000	5,215.55
Total expenses	228,595,059	16,155.13
Balance fund 2019	54,404,941	3,844.87

Acknowledgement

On behalf of our team, We would like to thanks for Fortwayne Children's Zoo for whole support and contribution for the project and conservation of Javan gibbon in Central Java.



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