



JANUARY 2009

Prepared by:

YAYASAN BADAK INDONESIA

Reviewed by:

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HEAD QUARTER (HQ) – BOGOR OFFICE:

Program Highlights/Accomplishment:

1. YABI prepared recommendation letter to the Director of Biodiversity Conservation, Ministry of Forestry. This Letter is needed to process permits from the Department of Research and Technology of Republic Indonesia in related Proposal Disease Survey of Domestic Animals around Ujung Kulon NP on January 12th, 2009.
2. YABI materialized Alarm purchasing for SRS-YABI on January 16th, 2009. With effort and assisting from Ms. Kerry Crosbie and GALLAGHER NZ team of their generous offer of a highly reduced price for the purchase of the equipments.
3. YABI's Executive Director visited SRS-YABI and RPU-YABI, Way Kambas NP on January 16th-18th, 2009. To discuss and evaluate breeding and protection program.
4. YABI' staff and Finance Process the Steel Wire Rope purchasing to repair some fences in SRS-YABI.
5. Prepare invitation letter from the Directorate General of PHKA, Ministry of Forestry to invite all participants in Asian Rhino Specialist Group (AsRSG) and Global Management Propagation Board (GMPB) meetings on March 2009, at Hotel Salak Bogor.
6. YABI's Executive Director, participates the ceremony of award presentation by Directorate General of PHKA to the winners of Design Poster "Rhino Care" Contest on January 21st, 2009 in Manggala Wanabakti building, Jakarta.
7. Executive Director with RPU Manager, Research and Education Manager visited Ujung Kulon NP on January 26th - 30th, 2009 to discus and evaluate of RPU's program in Ujung Kulon NP.
8. YABI's Finance sends the Financial Report for 4th Quarter 2008 and the YABI's Annual Financial Report 2008.
9. YABI is being audited by Public Accountant 'Gatot Permadi Joewono'. The audit will be finished by end of February 2009.
10. YABI's sends out SRS and RPU 4th Quarter 2008 reports to IRF on January 2009.

Important Staff News and Changes:

Ms. Kurnia Octavia Khairani, DVM starts working as Research and Education YABI's staff on January 2009. She will be conduct Disease Survey of Domestic Animals around Ujung Kulon NP.

News Publications:

1. YABI's Head Quarter, SRS and RPU 4th Quarterly Report 2008.
2. YABI's Annual Financial Report 2008.
3. The New Comic for children "Turtle and Rhino" in collaboration with Mr. Koen Setyawan, a popular children books author in Indonesia and one of the Indonesian Rhino Forum member.
4. The new Newsletter in electronic format issued in February 2009 on YABI's website.

Photos:



1. Presentation and appreciation to the winners of Design Poster Contest in Collaboration between YABI and WWF - Indonesia.
2. Workshop on Rhino Conservation in Northern Sumatra in Medan - Indonesia.
3. Inauguration of one new RPU-YABI, Ujung Kulon NP in Tamanjaya Village.
4. Quick Ground Survey in Ujung Kulon NP.
5. Received donation IDR 5.000.000 from Mr. Koichi Yamasaki for YABI's Program.
6. Comic for Children "Turtle and Rhino"

COMMUNICATION & INFORMATION:

Program Highlights/Accomplishment:

1. Preparing a new newsletter in electronic format and be issue in February.
2. Update website YABI: www.badak.or.id.
3. Communication with Indonesian broadcasting television "Rajawali Citra Televisi Indonesia" (RCTI), who will make a wildlife documentary program in SRS-YABI.
4. Communication with Dr. Silje Hvarnes from "Veterinaerconsult" who will make a film about wildlife veterinary work in Sumatran Rhino Sanctuary (SRS-YABI).
5. With staff from WWF - Indonesia to visit SRS with all of the winners of Design Poster "Rhinocare" Contest.

Other Issues: New Partnerships/Collaborations, Problems, Funding Opportunities etc

Labuan Maringgai Shrimps Farmer - Way Kambas, Lampung Province, through Ms. Rosida Idriss commits will donate US\$ 200 every shrimps export to Asia/Japan. The donation is to support the proposed second breeding area that is issued in YABI website.

FUNDRAISING & ECOTOURISM:

Program Highlights/Accomplishment:

1. With YABI Executive Director, meeting with Mr. Dedi Setiadi & his fundraiser staff, looking for collaborations to develop Funding Strategy/Planning and Implementation of YABI on January 10th.
2. Meeting with Tourism Department of Lampung Timur District, Way Kambas Ecotourism Team (WKET), Lampung NGO's in develop collaboration of Festival Way Kambas as a top events of Lampung Visit Year 2009 on January 15th and 20th, 2009.
3. Discussion with WKET to develop Ecotourism Cooperation in connection with National Park's problems, human resources and developing proposal for funding from Debt Nature Swap (DNS) Program on January 17th, 2009.
4. Welcoming and guiding Staff from WWF - Indonesia and all of the winners of Design Poster "Rhino Care" Contest in SRS-YABI.
5. Meeting with Mr. Joel C. Tukan as Program Developing Manager in AusAid Jakarta office, to looking for funding opportunities on January 31st, 2009.

Other Issues: New Partnerships/Collaborations, Problems, Funding Opportunities etc

1. Further collaboration with WWF-Indonesia: "Rhino Care Program" on Design Poster Contest, and in progress of developing promotion of "Rhino Adoption" with make advertising in media using the best poster; good possibility will sponsored by National Geographic Indonesia and Kompas Gramedia (national big newspaper company).
2. *Funding Opportunities*: Make communication with Ms. Maaike Lenen as the President from Asian Rhino Foundation (Netherlands), she need YABI's program-budgeting 2009 and will help to fund raise in Europe.
3. *Funding Opportunities*: After meeting with Mr. Joel C. Tukan from AusAid, he is willing to have partnership and get funding for support YABI's programs.
4. Get Funding Conservation Fund AUS \$ 5,000 from INIRADEF, an Ecolodge Indonesia NGO's.

RESEARCH & EDUCATION:

Program Highlights/Accomplishment:

1. Preparation proposal and document project of Disease Survey of Domestic Animals around Ujung Kulon National Park (NP).
2. Field Activity Survey in Ujung Kulon NP on January 26th-30th, 2009.
3. Evaluation YABI's proposal: "*Reinventing Sumatran Rhino in Northern Sumatra*" to IRF RFPP.
4. YABI got recommendation letter from Head of Ujung Kulon NP related Disease Survey of Domestic Animals around Ujung Kulon NP.

Other Issues: New Partnerships/Collaborations, Problems, Funding Opportunities etc

1. Issuance of recommendation Letter from the Director of Biodiversity Conservation, Ministry of Forestry to process permits from the Department of Research and Technology of Republic Indonesia.
2. Ms. Kathryn Elizabeth Seely is student from the Cornell University; she will be assist on Disease Survey of Domestic Animals around Ujung Kulon NP.

New Publications:

1. Report of Seminar activity, with the title: Identification of Sumatran Rhino in Northern Sumatra.
2. Report of Field Survey activity in Ujung Kulon NP on January 26th-30th.

RHINO PROTECTION UNIT (RPU):

Program Highlights/Accomplishment:

1. RPU-YABI, Ujung Kulon NP base camp moved from Sumur village and resides in Tamanjaya village, which close to National Park area.
2. Inaugurated 1 new RPU-YABI, Ujung Kulon NP in Tamanjaya.

Other Issues: New Partnerships/Collaborations, Problems, Funding Opportunities etc

Executive Director, Secretary of YABI's, Research and Education Manager attended the Workshop on Rhino Conservation in Northern Sumatra in Medan - Indonesia, and disseminate Rhino Conservation Strategy and Action Plan on January 11th - 12th, 2009.

INTELLIGENT AND LAW ENFORCEMENT UNIT (ILEU):

Program Highlights/Accomplishment:

ILEU - Bukit Barisan Selatan National Park (BBSNP)

1. On January 6th, 2009: Observation and investigation activity after getting information from some people in Sinar Ogan village about sounds of weapon from Tampang, Kaur Gading and Pematang Sawa in last week. The result is not founded wildlife-hunting evidence near Tampang, Kaur Gading and Pematang Sawa in January 11th, 2009.
2. Observation and investigation information of illegal logging activities in Simpang luh, Way Tenumbang on January 17th, 2009.
3. On January 25, 2009 ILEU team Found 2 pieces of traditional weapon (Senjata Locok) evidence in BBSNP forest (Way Basohan, Way Tenumbang, Biha). This evidence used by poacher from Bengkulu province to kill Sumatran elephant and Sambar deer in BBSNP one year ago.
4. On January 28th, 2009: Observation and investigation activity in Blok III Suoh, Ulu Belu, Talang Padang and near Tanggamus after get information from some people, indicating group of deer poacher is on active status and will be using Suoh areas to entering BBSNP.

ILEU - Way Kambas National Park (WKNP)

On January 13th - 29th, 2009: Observation and investigation activities in Brajayekti, Margahayu, Meranggi, Rajawali, Gaya Baru, Way Kambas after get information, indicating group of Sumatran elephant poacher using traditional weapon "*Senjata Locok*" and steel rope trap is on active status and will be using Rantau Jaya areas to entering WKNP. ILEU team found illegal logging activity evidence in WKNP (Sungai Nibung areas) with perpetrator from Umbul Salam Village.

SUMATRAN RHINO SANCTUARY (SRS) – BREEDING REPORT PROGRAM

Program Highlights/Accomplishment:

Health:

All of the Sumatran rhinos are healthy and in excellent body condition and activity. Routine blood collection showed near normal parameters with a bit low for Torgamba and Andalas. Ratu conditioning for routine blood collection is ongoing.

During this month body weight of all rhino are stable with a bit fluctuation

Torgamba:

- ❖ Still stays in small “boma” with more walking, 3 times hand feeding during 24 hour after success breeding with Bina. Better activities and easy to drive him back to the stall, founded few time natural salt lick (*ate mud on the track or wallow*).
- ❖ Torgamba has a mild anemia (*hematology always low*) and kidney problem (*ureum and creatinin always high and polyuria*).
- ❖ Torgamba has a sole lesion (fibrous tissue) on his left front leg.
Treatments: Continue cleaning, resection, hoof solution and topical ointment.
- ❖ The Blood Test Results on January 12 (*Little bit down*): Hb 9.6, PCV 28.8, RBC 3.62; blood chemistry is ureum (*BUN*) 18 (*better*) and creatinin 3.2 (*high*).
- ❖ Re-check blood on January 26 (looks stable hematology result): Hb 9.7, PCV 28.4, RBC 3.6; but increased chemistry like ureum 39 and creatinin 3.8 (*had better result*).

Andalas:

- ❖ Andalas is in a good condition, but still low browse in the forest, hand feeding includes drink still a lot in the stall.
- ❖ Week 2 and 3, more rain and he better wallowing at am to pm about 2 hours.
- ❖ Not too much change activities in the stall and he spent mote time sleep on the concrete.
- ❖ The blood test results on January 6. (Better than before, indicate that he has increased hematology result): Hb 12.2, PCV 34.1 and RBC 4.69.
- ❖ The blood test results on January 18 (Better than January 6, indicate that he has increased hematology result): Hb 12.9, PCV 37.8 and RBC 5.2.
- ❖ Re-check blood on January 26 (looks stable hematology result): Hb 12.7, PCV 36 and RBC 4.98.

Ratu:

- ❖ She is in a good condition and very active in the forest such as wallowing, foraging and others activities.
- ❖ Founded few time ate natural mud (*saltlick*).
- ❖ Every day move to other wallow for wallowing and she have a lot wallow in paddock 3, she is real wild Sumatran rhino.

Rosa:

- ❖ She is in a good condition and still active in the forest but for wallowing just short time, this situation not too much change since previously. In the forest keeper founded sign she sleeps on the ground at the night.
- ❖ Founded few time natural salt lick (*ate mud on the track or wallow*).
- ❖ She has fluke problem but under control with weekly fecal analysis, just found 1-2 egg/slide.
- ❖ The blood sample results on January 6 (Indicate that she has good hematology): Hb 13.6, PCV 38.8 and RBC 5.39.
- ❖ Re-check blood on January 26 (Indicate that he has stable hematology with a bit low): Hb 11.6, PCV 37 and RBC 5.15.

Bina:

- ❖ She is in a good condition with good forest activities. Week-2 and 3 more rain and she make few wallow for wallowing, usually every day she move to other wallow.
- ❖ She had has eye problem (ophthalmic) with clinical sign white spot on the eyes. Implement treatment with Zink Sulfate and better after that.
- ❖ The blood test results on January 30 (Indicate that he has good hematology): Hb 14.9, PCV 42.6, RBC 5.81.

Health Routine Treatment:

- ❖ Since 2006 all rhinos had has foot problem like corona eruption, small holes on the pad, soft and a bit smell.
Treatment:
 - ✓ Cleaning with warm water, antiseptic, hoof dressing and topical ointment.
 - ✓ Routine and intensive foot cares make the problem under control.
- ❖ Tick, lice and flies are endemic in SRS location.
Treatment:
 - ✓ For control keepers cleaning rhino, remove manual and collect parasites daily.
 - ✓ For preventive give, fly repellent.
- ❖ Supplement.
 - ✓ Provision of mineral block daily for Bina, Ratu and Rosa.
 - ✓ Give normal salt for Torgamba and Andalas, they need normal salt for mix with drink water.
 - ✓ If the rhinos founded weakness and looks tired, give vitamin B (Neurobion).
- ❖ Planning for Next Month.
 - ✓ Send serum sample, fecal sample and blood smear to reference laboratory in Bogor.

Reproduction:

Introduce and pairing Andalas with Ratu in the center area on December 16-19.

- Jan 16 : Ratu looks afraid and did not approaching Andalas and walked away.
- Jan 17 : Better sexual behavior and Ratu approach Andalas for few minutes.
- Jan 18 : Ratu was ready to mix with a male with Pre-ovulatory follicle measured 19.6 mm on Left ovary. First, Ratu looks alert but not afraid and after that looks very good response both of them. They are to do serious courtship between gates. Than paired in the center area, she always avoids and walking away. About 2 hours there and separated them.
- Jan 19 : Good courtship.
- Jan 20 : Ratu ovulation confirmed on left ovary without breeding.

Introduce and pairing Torgamba with Rosa

- Jan 12 : Result of Rosa ultrasound found good follicle on left ovary 22.3 mm. First introduce them between fences for few minutes. When Torgamba was released to the center area Rosa avoid him, they never contact each other. About 2 hours after that Rosa hit the fence and escapes to her area (paddock 4).
- Jan 16 : Rosa ovulation confirmed on left ovary without breeding.

Introduce and pairing Torgamba with Bina

- Jan 1 : Result of Bina ultrasound founded good follicle on left ovary 32 mm (*very big but good shape*). Good response both of them without fighting. At the night they are successful breeding with 11 minutes intromission. Good news because they are last breeding on March 2008 and Bina still has reproductive cycle. Ovulation confirmed on left ovary on Jan 6 (a week after breed).
- Jan 23 : Result of Bina ultrasound found a good follicle on right ovary 27 mm (this follicle too big for other female but not for Bina). At am introducing them in the Torgamba's gate and paired in the center area. Courtship-fighting close the wallow and forest activities until night. On early night start to courtship again with good response both of them and he tries to mounting. Successful breeding with 2 times full intromission. Keeper success collects semen post breeding. Not found sperm under microscope. She has potential to breed although low priority at SRS reproduction program.

Prediction:

- ❖ Prediction Ratu next cycle February 8-12, 2009.
- ❖ Prediction Rosa next cycle? Still irregular cycle and continue monitoring.
- ❖ Prediction Bina next cycle February 13-20, 2009

Torgamba and Bina Pairing on January:



Andalas and Ratu Pairing on January:



Torgamba's Foot Problem on January:



SUMATRAN RHINO SANCTUARY (SRS) – FACILITIES REPORT PROGRAM

Program Highlights/Accomplishment:

Routine Maintenances:

1. All Car Vehicles in good condition, except Isuzu Phanter Touring is being service to repair Boos-wing, Boos steering arm, Brake, tune up machine, oil filter, solar filter, fanbelt.
2. Genset Kubota 20kva & 8 kva in good condition, except Diesel MWM 40kva has been alternator repaired.
3. Bobcat, all Bicycles, Computers, Radio Communication and Repeater are in good condition.
4. Motorcycle model Honda GL - Max is in good condition but three motorcycles (Honda GL PRO, Suzuki TS-125 & Honda SUPRA) is usable but unsuitable in use condition.
5. Electric Fence and 2 units Energizer are in a good condition.
6. Fence around the SRS about 4 Km and 6 units Stall for Rhino (6 m x 8 m) are in good condition.
7. All Water Pump are in a good condition:
 - a. Artesian Well (3 Kva 1 unit).
 - b. Pull up Pump (5 Kva 2 unit).
 - c. Pull up Pump (1 Kva 1 unit).
8. All infrastructures and building are in a good condition.

Security and Safety in SRS:

1. Security on site SRS assisted by 5 (five) people Ranger from Way Kambas NP, one person on day duty and two person on night duty.
2. Every night Torgamba taken care of by 2 (two) keepers.

Problems:

Three motorcycles is SRS (Honda GL PRO, Suzuki TS-125 & Honda SUPRA) unsuitable in use condition and needs to be scraped.

SRS's Visitors in October 2008:

1. Jan 15 : Arif Rahmat, reporter from Television of Republic Indonesia (TVRI).
2. Jan 15 - 19 : Akmal and Julhan, Reporter from Rajawali Citra Television (RCTI).
3. Jan 15 - 18 : Executive Director and Mr. Koichi Yamasaki from Japan.
4. Jan 21 : Dipo Subroto and Wahyu Akhirudin from Departement of Tourism, East Lampung.
5. Jan 21 : WWF Indonesia staff and 5 winner Design Poster Contest "Rhino Care".
6. Jan 24 : Gandi, Firman Seponada and Supriyono, from Inspectorat, Ministry of Forestry.
7. Jan 24 : Herman from Indovision Lampung, to service antenna Cable Tv.