

PROGRAM PENYELAMATAN DAN KONSERVASI HARIMAU SUMATERA ~SUMATRAN TIGER TRUST CONSERVATION PROGRAMM~

Summary Activity
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Some activity of Program Penyelamatan dan Konservasi harimau Sumatera/Sumatran Tiger Trust Conservation Programm (PKHS/STTCP) in the year 2008 representing continuation activity year 2007 and some of activity development. Summary activity year 2008 the following:

1. Handling of Human -Tiger Conflict

In the year 2008 not many happened conflict between human being with Sumatran tiger. Handling activity of conflict only in the form monitoring of location previously have been happened the conflict. In the year 2008 STCP not keeping and evacuation wild Sumatran tiger.

2. Monitoring of Wild Sumatra Tiger

Monitoring of wild tiger always continue through survey by foot or also with installing camera trap. Camera type used is Cuddeback digital camera and Trailmaster TM 1500 second edition. Mostly used Cuddeback digital camera, because some several things:

- Cuddeback digital camera cheaper in operational because using memory card
- Besides record in the form photo also can record wildlife in the form of video.

At April 2008 have been obtained photo and video 2 individual cub of wild Sumatran tiger which playing at Way Kambas National Park. Until now have succeeded recorded some video of wild Sumatran tiger as well as other wildlife.

In this year conducted analysis of data to estimate wild Sumatran tiger population in Bukit Tigapuluh National Park. Pursuant to result camera trap which installation since May 2007-December 2008 estimated 13-43 individual adult wild Sumatra tiger in BTNP with density 0.9-2.978 individual per 100 km².

3. Protection.

Patrol also continue to be conducted and have succeeded to deactivate at one blow confiscate hundred of trap install in national park area, at the same time also found some animal of tiger prey kill by trap like deer. In WKNP in the year 2008 succeed to confiscate and deactivate hundreds of animal trap, whereas in BTNP and Senepis although also found of trap however amount low in number.

In Bukit Tigapuluh National Park, activity of protection coupled with community awareness activity and expected a society earn more involved active in protection of the park which is true also represent requirement of their life specially the society which stay in area BTNP. Since of August 2008 have been conducted effort of approach and counselling to society, heads of

custom and also peripheral of countryside to make a countryside regulation which aim to protect resource of nature having an effect on to life socialize. This countryside regulation still in process course and have got input and approval from BTNP and Head of District, so that existence of countryside regulation expected to earn more improve security of national park area.

In Tiger Conservation Area of Senepis protection activity still in the form of monitoring of trouble because form and status of area which still in the form of concession. In consequence have been conducted communications with company having concession in Senepis to increase security of area their concession.

4. Coordination and Awareness of Socialize

In awareness activity several things which have and continue to be conducted, among other things:

a. Education for Talang Mamak and Melayu Tua tribe.

This Activity represent continuation from previous year, however in the year 2008 have been started the tighter cooperation with relevant governmental institution especially on duty education.

b. Counselling and Exhibition of Activity.

Counselling of conservation also still be in Way Nambas National Park, besides to common society, the counselling of conservation is also conducted to people who prediction as hunter. Counselling to hunter conducted as a mean to the approach in the pertinent familiarity so that will lose face to conduct hunt, also strategy to break hunter group.

In the year 2008 STTCP Way Kambas also follow exhibition in activity of Week Conservation of Nature Resource (PKSDA) performed by Society of Biological Student of Lampung University.

Activity awareness to young generation is also continue to be conducted in this year, like to loving nature group, scout and student.

c. Meeting and coordination

In year 2008 STTCP have followed involved by active in workshop of Stabilization of Buffer Zone Management of Bukit Tigapuluh National Park date of 6 March 2008.

Others meeting and coordination is also to be conducted with others NGO conservation, governmental institution as well as existing company around area of location of STTCP.

5. Making of Conservation Media.

a. Conservation Bulletin “The TIGER”.

This bulletin to conduct socialization of conservation and also exposed of field activity include result of activity. Therefore since early year 2008 have been designed produce of conservation bulletin named Buletin Konservasi HARIMAU “Conservation Bulletin The Tiger”.

First edition of conservation bulletin have been produce at April 2008 whereas edition of second published at December 2008, and henceforth planned will be published every 6 month, June and December. The Bulletin printed as much 500 exemplar every published (edition) and thickly about 50-60 page A4.

First edition of conservation bulletin take theme of Human – Tiger Conflict by special info entitle “**Human vs Tiger Conflict: Searching for Cause and Solution**”

For second edition have theme about Monitoring Wild Sumatra Tiger with title of Especial Info “**Getting Close to Tuk Bolang:Monitoring Sumatran Tiger in Way Kambas, Bukit Tigapuluh and Senepis**

In this bulletin edited by Prof. Dr editor. Sugeng P. Harianto (University of Lampung/Lecture of Forest Management), Elly L. Everlasting, M.Sc (University of Lampung/Lecture of Conservation Biology), and Agus Subagyo M.Si (University of Jambi/ Lecture of Conservation Biology).

b. Booklet and Leaflet

In this year have been printed 3000 leaflet about conservation specially tiger conservation, and also printed about 100 exemplar booklet of education for hinterland tribe BTNP.

Besides used by PKHS/STTCP to make socialization media, result of PKHS/STTCP activity especially which is in the form of wildlife photo also a lot of used by forestry department to make conservation media like calendar, leaflet, booklet and also bulletin.

c. Other Conservation Media

Other conservation media produce by PKHS/STTCP is printed exhibition substance.

Also conducted a conservation campaign through athletic race. This matter is important and strategic because every year especially the moment will independence day Republic of Indonesia celebrate always conducted a athletics race followed and attended by many people.



Figure 1. Some conservation media produce by PKHS/STTCP in year 2008

6. Sumatra Tiger Information Center

Collaboration with Way Kambas National Park, PKHS/STTCP have also made Sumatran tiger information center. In this case PKHS/STTCP provide data and substance about conservation of Sumatran tiger and hereinafter collected in one building provided by WKNP. This Sumatran Tiger Information Center have place in Plang Ijo or near by gateway of Way Kambas.National Park



Figure 2. Staff of PKHS/STTCP on the front of information center at WKNP

7. Report and Publishing

Three monthly progress report continue to be made and have been distributed to related party. In the year 2008 report which have been made and distributed is:

- Progress Report to 3 period of January-March 2008
- Progress Report to 4 April period- June 2008
- Progress Report to 5 period of July-September 2008
- Report of Activity of Education for Talang Mamak and Melayu Tua tribe

Publishing conducted to overspread result of activity. Planned publishing of activity PKHS/STTCP will be conducted especially at erudite journal exist in local university. This way expected besides as publishing the result of activity, also expected can improve student enthusiasm about conservation. In the year 2008 publishing is which have been done is:

1. Publishing at Research Journal XVII (1):11-17 June edition 2008 University of Riau with title:

**Mammalia Taman Nasional Bukit Tigapuluh: Keberadaan, Distribusi dan Ancamannya)
(Mammals of Bukit Tigapuluh National Park: Existence, Distribution And its Threat)**

by:
Muhammad Yunus¹, Santoso¹ and Hisan²

Abstract

Bukit Tigapuluh National Park which is located in province of Riau and Jambi represent one of area having high conservation value. Area broadly 144.223 ha and having properties of high biodiversity. According to result of research from June 2003 until June 2008, by using infrared camera, survey, patrol and interview noted more than 7 Ordo, 19 family and 42 species of origin big mammals in this area, also recorded 5 mammals livestock of society which the wild free life. Some of the wildlife represent is endanger species such as Sumatran tiger (*Panthera tigris sumatrae*), Sumatra elephant (*Elephas maximus sumatranus*), tapir (*Tapirus indicus*), golden cat (*Catopuma temminckii*), and marbled cat (*Pardofelis marmorata*). Threats to life of Mammals are assembly weapon, harpoon, trap trap (4 type), hang entrap, belantik and poison.

2. Publishing and presentation at National Seminar of Science and Technological in University of Lampung at 17-18 November 2008.

**Pemangsa dan Hewan Mangsa di Taman Nasional Bukit Tigapuluh
(Predators and Preys at The Bukit Tigapuluh National Park)**

By
Muhammad Yunus¹, Santoso¹ dan Hisan²

Abstract

Bukit Tigapuluh National Park which have location in Riau and Jambi Provinsi broadly 144.223 ha represent conservation area having high conservation value. Pursuant result of research since January 2005 up to August 2008 with camera trap, survey, patrol and interview noted at least there are 7 Ordo and 19 family big mammalia original in this area, also known 5 livestock mammals type let a free life in national park area. Pursuant to camera installation result have been obtained 1243 animal photo consisted of 12% predator (F. Canidae and Felidae) and 88% animal prey. Number of predator Animal amount start from highest Clouded leopard (*Neofelis nebulosa*) 34%, Sumatran tiger (*Panthera tigris sumatrae*) 30%, wild dog (*Cuon alpinus*) 13,33%, Go;den cat (*Catopuma temminckii*) 12%, marbled cat (*Pardofelis marmorata*) 4,67%, Jungle cat (*Prionailurus bengalensis* and *P. viverina*) 3,33% and also dog (*Canis Familiaris*) 2,67%. For the animal prey from highest amount primata 39,16%, then porcupine 20,49%, bear (*Helarctos malayanus*) 8,42%, Cervidae 7,14%, tapir (*Tapirus indicus*) 6,77%, pig (*Sus scrofa* and *Sus barbatus*) 6,04%, civets 4,76% and others animal (bird, iguana, mouse) 7,22%.

8. Staff.

In executing activity in field, besides permanent staff also have a share staff of national park having the character not permanent. Following permanent staff of PKHS/STTCP in the year 2008.

Tabel 1. List of staff PKHS/STTCP year 2008

Location /No	Way Kambas NP.		Bukit Tigapuluh NP.		KKH Senepis	
	Name	note	Name	note	Name	note
1	Ali Mashuri		Ahmad Fanani		Bastoni	
2	Apriawan	Pendamping	Hendri Muliadi		Andi	
3	Maryo		Hisan	Pendamping	Roni M.	
4	Nur Alim		Lancar	Pendamping	Mukhtar	
5	Ponadi		M. Yunus		Ahmad kodri	
6	Rustanto	Pendamping	Najarlagu Sinaga	Pendamping	Masriadi	
7	Sumianto		Santoso		Mahali	
8	Sunarwanto		Sumarto			
9			Syafaruddin			
10			Syaharuddin			
11			Ujang			

9. Equipment

Equipment used by PKHS/STTCP for execute activity in the field are:

Tabel 2. List of Equipment used by PKHS/STTCP until year 2008

Equipment	Way Kambas NP	Bukit Tigapuluh NP	KKH Senepis
car	1 Unit Hardtop th 80	-	1 Unit Landrover th 80
Pompong	-	-	1 unit
Speedboat	1 Unit	-	1 Unit
motorbike	2 Unit	3 Unit	2 Unit
Camera trap	7 unit	10 unit	5 unit
Hand camera	2 Unit	3 Unit	3 Unit
Hand vidio	1 unit	1 unit	1 unit
Desktop computer	2 unit	2 unit	2 Unit
Laptop computer	1 Unit	1 Unit	1 Unit
Trangia	2 unit	3 unit	1 Unit
GPS	2 Unit	3 Unit	2 Unit

10. Plan of Year 2009.

Besides continuing activity which have been done, some special activity also will be conducted like:

- * Up dating data of tiger population in Way Kambas NP repeatedly.
- * Monitoring and Up dating data of tiger population in Senepis and its surroundings.
- * Finishing making and conduct socialization of Countryside Regulation about Protection and Sustainability exploiting of Nature Resources pursuant to customary law in Rantau Langsat Countryside, Regency of Indragiri Hulu, Riau
- * Improving cooperation with related institution for the construction activity hinterland socialize.