

Javan Rhino Study and Conservation Area (JRSCA)

**UJUNG KULON NATIONAL PARK
QUARTERLY ACTIVITY
AND PERFORMANCE REPORT
01 February – 31 March 2015
1st Quarter Report (Q1)**

Highlights

- 11.17 of field day patrol per person per month
- 2 times Patrol/Survey, 155 km distance walked
- 88 independent signs of rhino encountered
- 1 case of illegal activity had been detected



Reported by : Ir. M. Waladi Isnani and Hayani Suprahman, MSc. DVM.

Achievements of habitat monitoring, during Q1 2015

1. Rhino and Plots Monitoring

- encountered a Rhino's foot print with a measurement of 25-26 cm on January 20, 2015 at Karang Ranjang .
- rhino foot prints with measurement of 24-25 cm in 11 locations at 16 points of coordinate and 25-26 cm in 5 locations at 5 points of coordinate.
- Found and identified 10 species of plants that evidently eaten by Javan Rhino among others: kecap (*Sandoricum sp*), sulangkar (*Leea indica*), kicebreng (*Gliricidia sepium*), kilalayu (*Erioglossum sp*), harendong (*Melastoma polyanthum*), hantap (*Sterculia sp*), wareng (*Gmelina asiatica*), bisoro (*Ficus hispida*), banyaran (?), laja goah (*Alpinia malaccensis*), bangban (*Donax canaeformis*).
- Dominant trees species surrounding the foot-prints in local names are: Langkap (*Arenga obtusifolia*), Bangban (*Donax canaeformis*), Rotan seel (*Daemonorops melanochaetes*), Tepus (*Achasma megalochilos*), Parengpen (*Croton sp.*) and Cacabea (*Polygonum hydropiper*).
- Encountered a Javan Rhino's foot print at Hanja wallow on March 3, 2015.
- Encountered a Javan Rhino's foot print with a size 25-26 cm on March 15, 2015 at Bangkonol with an evidence that it has moved across over the block.
- Encountered a Rhino's foot print with a measurement of 24-25 cm on March 16, 2015 at Geundir Block.
- Encountered a Rhino's foot print on March 28, 2015 at Bulakan Bangkonol with a measure 25-26 cm and there was an evidence that the rhino moved across to the south.
- Encountered a Rhino's foot print with a measurement of 23-24 cm on March 29, 2015 outside of the south fence, and the JRSCA's team has been confirmed that the Rhino has entered back to the JRSCA's area .

2. Another animal encountered

- 10 of January 2015, encountered a wild dog (*Cuon alpinus*) that was looking for food at Selokan Duyung.
- The other animals encountered (both direct and indirect) were : birds of bucerotidae families, wild fowl (partridge), monkey (*Macaca fascicularis*), wild dog, wild pig, the wild ox of Java, buffaloes (domestic buffaloes) and estuarine crocodiles (*Crocodylus porosus*).

3. JRSCA's fence

- Detected disturbed fence's mesh of about 136 m length, could be stolen.
- Detected a lost of 4 span murs in Pole No.220.
- Detected disturbed fence' mesh of about 40 m in Selokan Bayun and Legon Pakis.
- Detected cutted wire in Pole No.150.

4. Other activities

- Visit of Director of Biodiversity Conservation of the Directorate General of the Forest Protection and Nature Conservation to the JRSCA on January 27, 2015. He asked for The National Park to elaborate any possibility to participate in

increasing the community welfare in relation with the usefulness of a national park existence for the surrounding people.

- Visit of Ms. Mini Nagendran, PhD, DVM of the US Fish & Wildlife Service on February 7, 2015 (). She was accompanied by the Executive Director of YABI. It had been presented RPU activities during her visit to Peucang and Handeuleum islands and also the habitat management activity in the area of the JRSCA, also she visited JRSCA base camp in Legon Pakis.
- Community meetings 25 and 26 of March 2015, which attended by Local Informal leaders, Chief of village, police, Park Staff, Local NGO and JRSCA team in Sub Villages Lg. Pakis and Kampung Peuteuy. The agreement was reached between JRSCA and community on how to install hot wire and how to keep buffalos out side of JRSCA. The agreement would be formalized under the administration of the Park.

The Achievements of patrol during February and March 2015 able to be explored by using RPU and ILEU data base as follows :

BASIC POPULATION PARAMETERS

Number of Rhino signs	Number of Locations with rhino signs					
	Footprints	Wallows	Feces	Feeding	Other Signs*	Direct Sighting
88	60	5	0	23	0	0

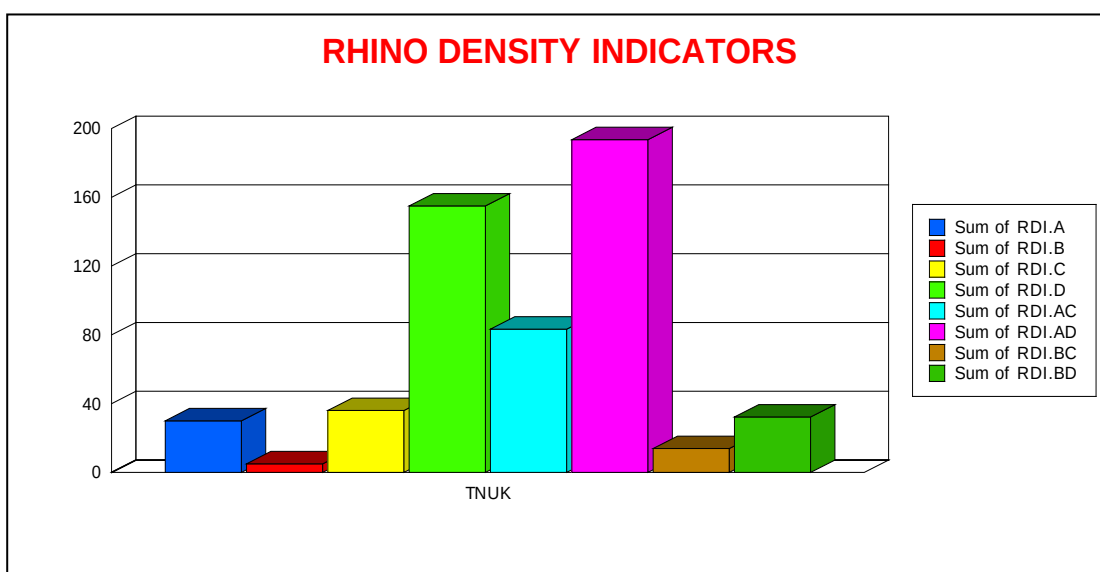
** Include Urine, Scratches, Rubs.*

During the 2 patrol / survey in February – March 2015 period, 88 independent signs of rhino had been encountered.

RHINO DENSITY INDICATORS

Rhino		RPU Field Presence		Density Indicators			
A	B	C	D	A/C	A/D	B/C	B/D
Number of print locations	Number of Rhino Signs*	Field Days**	Distance Walked** *	Rhino prints/ 100 days	Rhino prints/ 1000 km	Rhino signs/ 100 days	Rhino signs/ 1000 km
30	5	36	155	83.33	193.55	13.89	32.26

** The total number of sign (excluding footprints) of rhino found. ** Total number of RPU group field days. (Footprints are not included, because the number provided in the table is the number of individual footprints and not the number of separate tracks).*



ILLEGAL ACTIVITIES ENCOUNTERED

Encroachment	Timber Theft	Forest Product Theft	Illegal Hunting		
			Rhino / Trap	Non Rhino (Mammals)	Other
0	0	0	0	0	1

In JRSCA, during the survey and patrol the total 1 case of illegal activity were detected.
i.e . sea grass collection.

ENCOUNTERED ANIMALS

Areas	Rhino	banteng	Leopard	Tapir	Other	Offences
Cilintang, kr.ranjang, kalejetan,seuseupan, cimahi	✓	✓	0	0	✓	✓
Cilintang, kr.ranjang, kalejetan,seuseupan, cimahi	✓	✓	0	0	✓	0

DETAILS OF RHINO SIGN

Area	Foot-print	Direct sighting	Wallow	Feeding	Dung	Other signs
Cilintang, kr.ranjang, kalejetan,seuseupan, cimahi	21	0	1	28	0	21
Cilintang, kr.ranjang, kalejetan,seuseupan, cimahi	12	0	4	18	0	15

PATROL DATA

Location	Activities	Start Date	End Date	Days	No. of Person	Length (Km)	Remarks
Cilintang, kr.ranjang, kalejetan,seuseupan, cimahi	Patrol/survey	2/1/2015	2/5/2015	5	6	35	Detected disturbance of the fence .
Cilintang, kr.ranjang, kalejetan,seuseupan, cimahi	Patrol/survey	3/1/2015	3/31/2015	31	12	120	Detected disturbance of the fence .

GENERAL PERFORMANCE PARAMETERS

Number of general activities	2
Number of Patrol and Surveys	2
Distance Walked (Kilometers)	155
Distance Walked for Patrol and Survey	155
Number of Field Days	36
Number of Field Days for Patrol and Survey	36
Field Days per-person per-month	11.17

A total of 2 activities were carried out during this quarter (February-March) of 2015, among them 2 patrol / survey, which includes mileage 155 Km, the patrol / survey reached 36 days in the field with an average of 11.17 days per person per month.

PROGRAM PERSONNEL

(Summary of Field Days Per-Person Per-Month 01 Jan – 31 Mar 2015)

Personnel	Days	Average	
		Field days / month	
Ade Nurbakar	36	18.00	2 (Months)
Ade Romdhani	36	18.00	2 (Months)
Asep Rahman	31	31.00	1 (Month)
Cecep	31	31.00	1 (Month)
Endang Wahyudin	31	31.00	1 (Month)
Jarsani	31	31.00	1 (Month)
Rifky Saprudin	31	31.00	1 (Month)
Saprudin	36	18.00	2 (Months)
Sarian	31	31.00	1 (Month)
Sarid	36	18.00	2 (Months)
Sarkim	36	18.00	2 (Months)
Sucipto	36	18.00	2 (Months)

Other personnels :

1.	M. Waladi Isnan	Manager Protection for Javan Rhino
2.	Hayani Suprahman, MSc., DVM	Field Coordinator JRSCA
3.	Yanky Agung Wahyudi	Field data and report
4.	Indra Iriana	Admin. and Finance
5.	Endang Ruswandi	Driver / Mechanics
6.	Rifky Saprudin	Electric Fence
7.	Sucipto	Cook
8.	Endang Wahyudin	Office boy

For patrol and maintain The Southern Fence, there had been selected and trained 4 local Cegok personnels as follow name list :

	Name	Task	Residence
1	Kato	Patrol and maintenance of Southern Fence area.	Sub Village Cegok
2	Haryanto	Patrol and maintenance of Southern Fence area.	Sub Village Cegok
3	Erli	Patrol and maintenance of Southern Fence area.	Sub Village Cegok
4	Madsupi	Patrol and maintenance of Southern Fence area.	Sub Village Cegok

Remarks : They had been recruited and trained in the field in March 2015.

Map of rhino encountered Q1 2015, in JRSCA UKNP

