

# Gorilla Monitoring Program

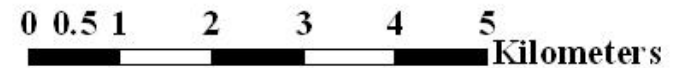
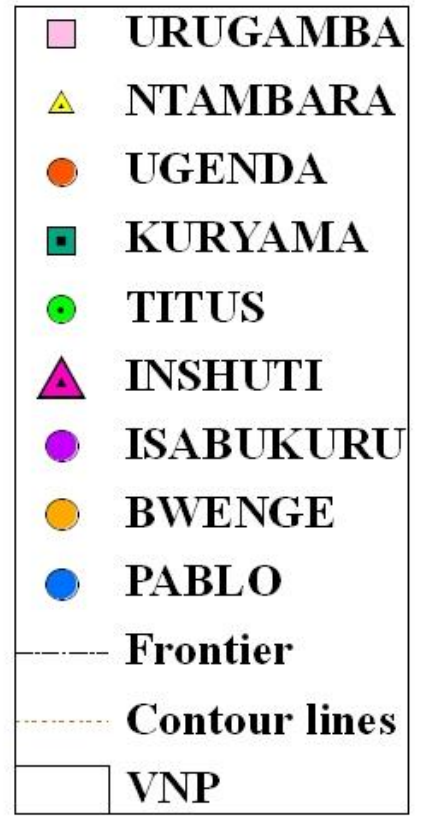
## RWANDA

# KRC Gorilla Research Groups, 2010



Visoke

Karisimbi



# Births

	Name	Mother	Sex	Date of Birth	Group	Date of Death
1	Gasore*	Maggie	M	19-Jan-10	Bwenge	
2	Agatako*	Bukima	M	26-Jan-10	Isabukuru	15-July-10
3	Isooko*	Mitimbili	M	9-Mar-10	Pablo	
4	Sabato*	Kurudi	M	25-Mar-10	Ugenda	
5	Imvune INF	Imvune	M	29-Apr-10	Ugenda	17-May-10
6	Turate*	Pasika	M	4-May-10	Urugamba	
7	Kubaka INF	Kubaka	F	16-May-10	Ntambara	
8	Ikaze INF	Ikaze	M	1-Jun-10	Isabukuru	
9	Umuco INF	Umuco	F	1-Jun-10	Pablo	
10	Kwiruka INF	Kwiruka	F	14-Jul-10	Bwenge	29-Jul-10
11	Nyabitondore INF	Nyabitondore	F	3-Oct-10	Pablo	
12	Afrika INF	Afrika	F	26-Nov-10	Pablo	

# Deaths

	Name	Date of Death	Group	Sex/Age	Age at Death	Cause	MGVP necropsy
1	Cyiza	25-Jan-10	Bwenge	AF	42.08	Old age	done
2	Inwali	16-May-10	Pablo	AF	24.29	Unknown	done
3	Mahane INF	16-May-10	Pablo	IF	0.49	Unknown	done
4	Mutesi	16-May-10	Pablo	IF	1.7	Dehydration	done
5	Imvune INF	17-May-10	Ugenda	IM	0.08	Unknown	done
6	Agatako	15-Jul-10	Isabukuru	IM	0.51	Infanticide	done
7	Kwiruka INF	29-Jul-10	Bwenge	IF	0.05	Unknown	done
8	Kwiruka	25-Aug-10	Bwenge	AF	33.66	old age	done
9	Tuck	6-Sep-10	Titus	AF	38.29	old age	done

# Female transfer

	Name	Age at Transfer	Date	From	To
1	Umutuzo	8.4	9-Jan-10	Ntambara	Umubano*
2	Umwana**	26.67	16-Jan-10	Kuryama	Titus
3	Imvune	11.21	30-Oct-10	Ugenda	Titus

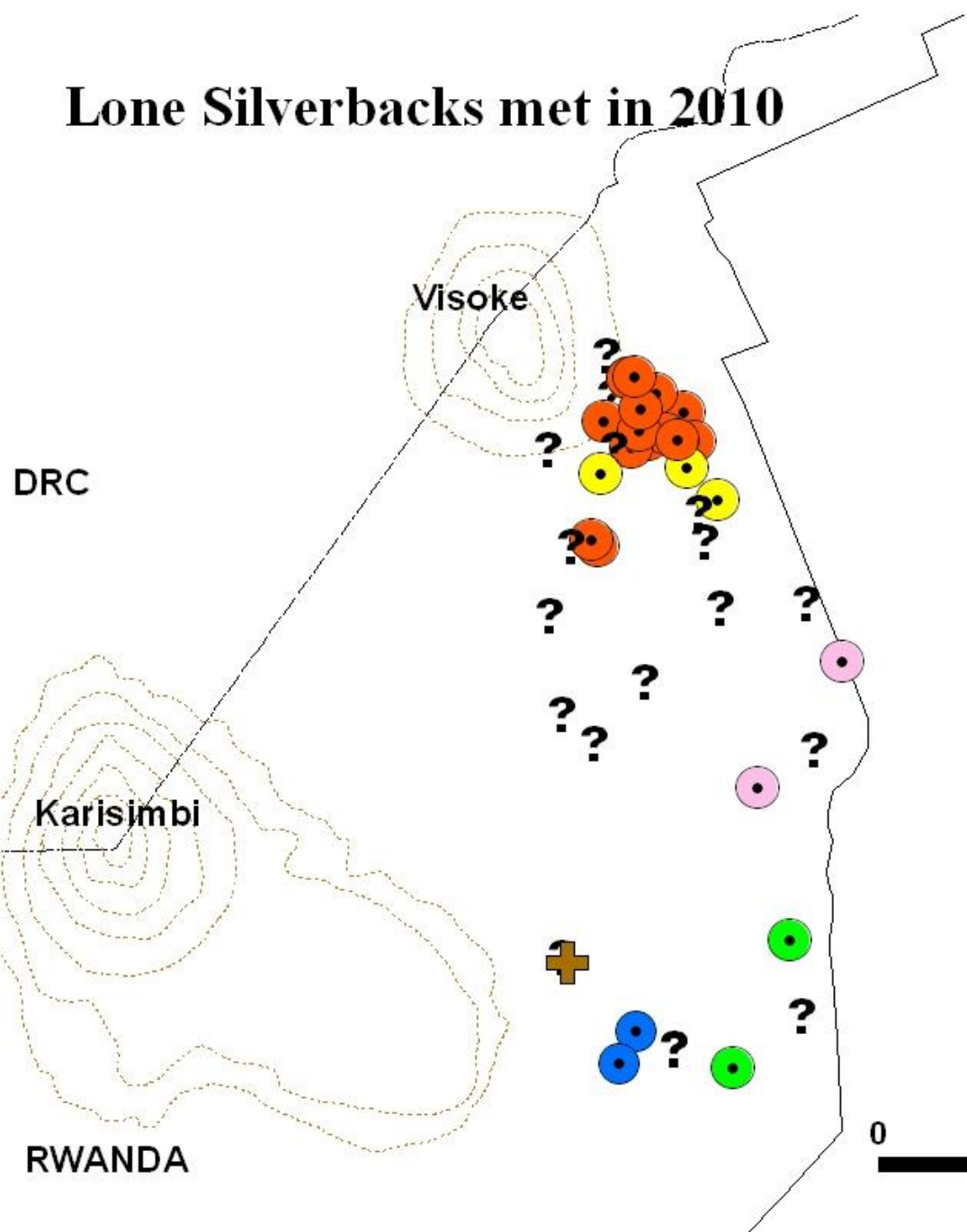
# Inkumbuza case



13 changes between Urugamba and Uganda



# Lone Silverbacks met in 2010



- Gwiza
- Giraneza
- Rukundo
- Twizere
- Tuyizere
- Dead LSB (Bikwi)
- Unknown LSB
- Frontier
- Contour lines
- VNP



# Interactions

- 38 interactions: 28 with groups and 10 with LSB
- 5 with tourist groups :Umubano and Amahoro
- 37 Auditory interactions: 23 groups and 14 with LSB



# Tourists

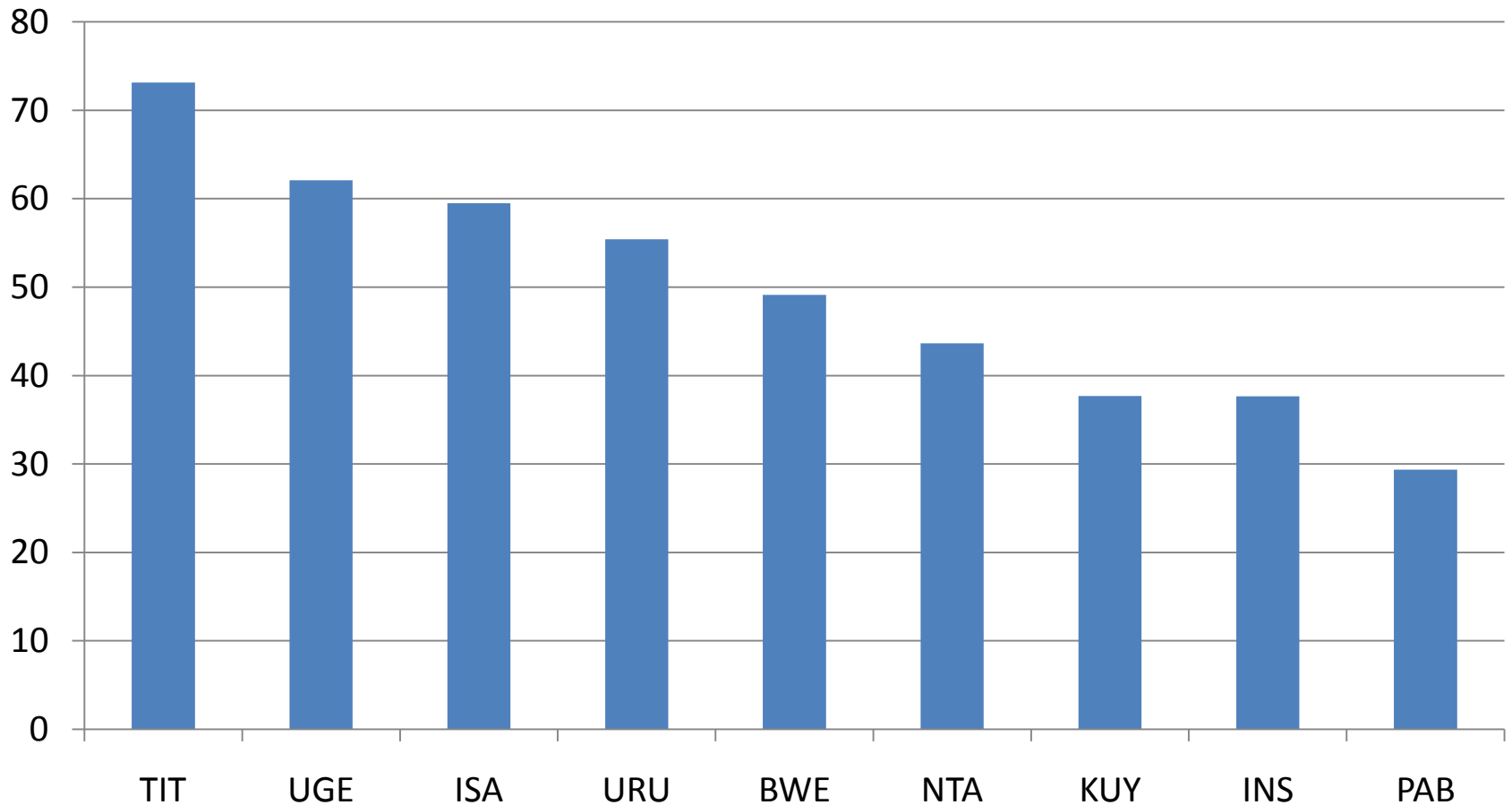
<b>Group</b>	<b># Tourists</b>	<b># Visits</b>
Ugenda	661	99
Bwenge	292	44
Ntambara	283	41
Kuryama	165	27
Titus	91	15
Isabukuru	88	13
Urugamba	8	1
<b>Total</b>	<b>1588</b>	<b>240</b>

# Data collection

- 7 Data Technicians
- Training of one more
- 2 Research assistants
- Program coordinator Joel Glick
- 12 successful Inter Observer Reliability Test
- 5205 focal animal sessions

# Data collection

Average nr of focals per gorilla



# Feeding Ecology of the Virunga Mountain Gorillas

*Cyril C. Grueter, Katie A. Fawcett and Martha M. Robbins*

- Field Data: Sep 2009 Dec 2010
- Research Assistant: Didier Abavandimwe
- 2 Field teams led by Avit Nkurikiyumukiza and Ferdinand Ndamiyabo

# Hormonal correlates of socio-sexual behaviors in female mountain gorillas

*Sosthène Habumuremyi, Tobias Deschner Katie A. Fawcett & Martha M Robbins*

- Field Data: Oct 2009 Mar 2011
- Data technician: Joseph MUTABAZI
- Lab Assistant: Rose UMUHOZA

# Mountain Gorilla Skeletal Project (MGSP)

- Field excavation
- Preparation, storage and preservation of skeletal samples
- Assist in post-mortem examination
- Supervise and document the burial
- Collect and archive related records of the skeletal collection
- Enter all data and manage the MGSP database
- 3-Dimension Laser Scanning of bones (started in 2011)

# Census 2010

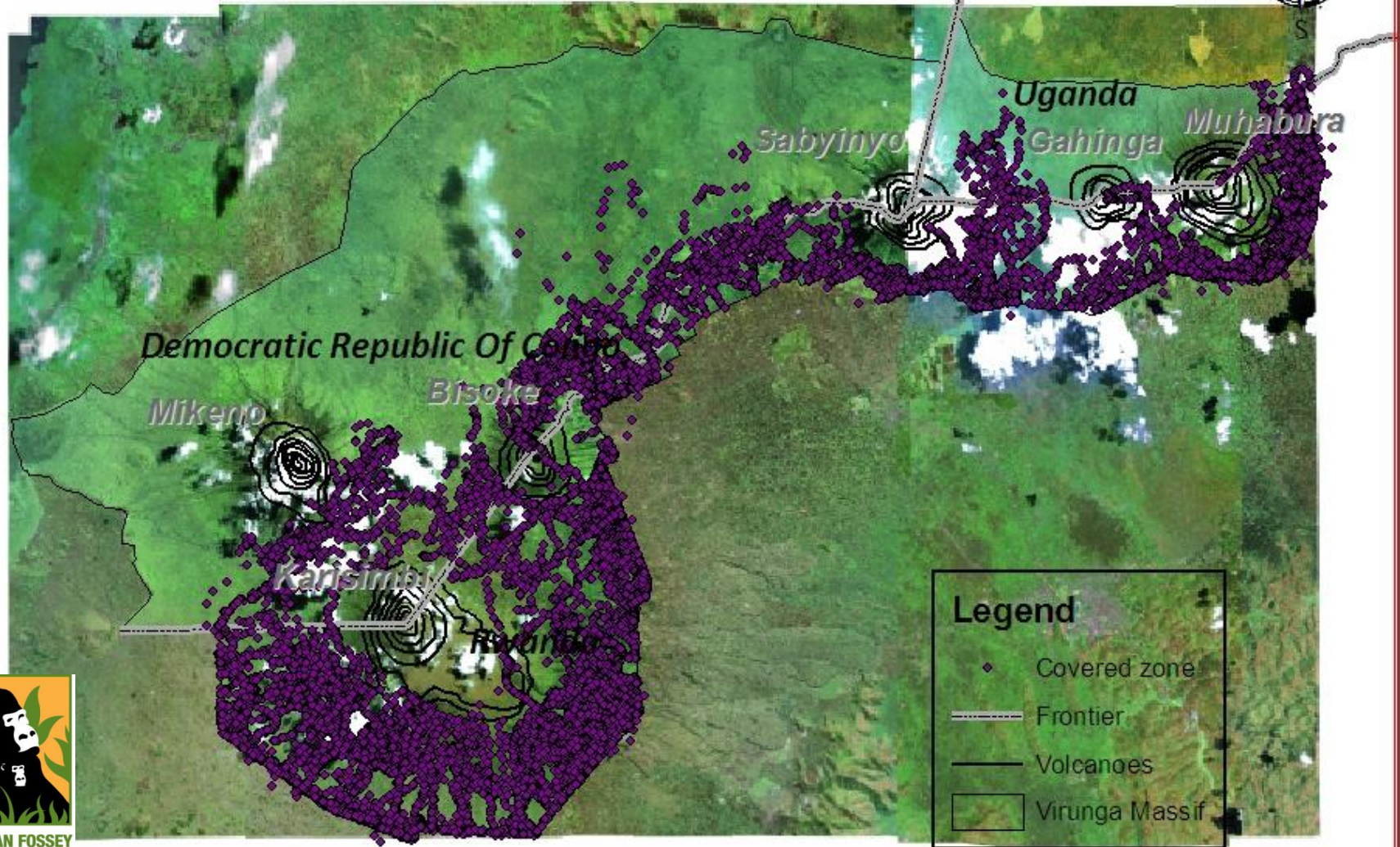
- 480 gorilla
- Max Planck Institut (MPI); the Mountain Gorilla Veterinary Project (MGVP), The Dian Fossey Gorilla Fund International (DFGFI); the International Gorilla Conservation Program (IGCP); The Rwandan Development Board (RDB); The ICCN (Congolese Park Authority); the UWA (Ugandan Park Authority).
- 13 KRC staff participated



# KRC anti-poaching

- 352 patrols of which
- 269 with RDB
- 16 with ICCN
- 11 with UWA
  
- 1083 SNARES REMOVED

# Patrol coverage in VNP 2010

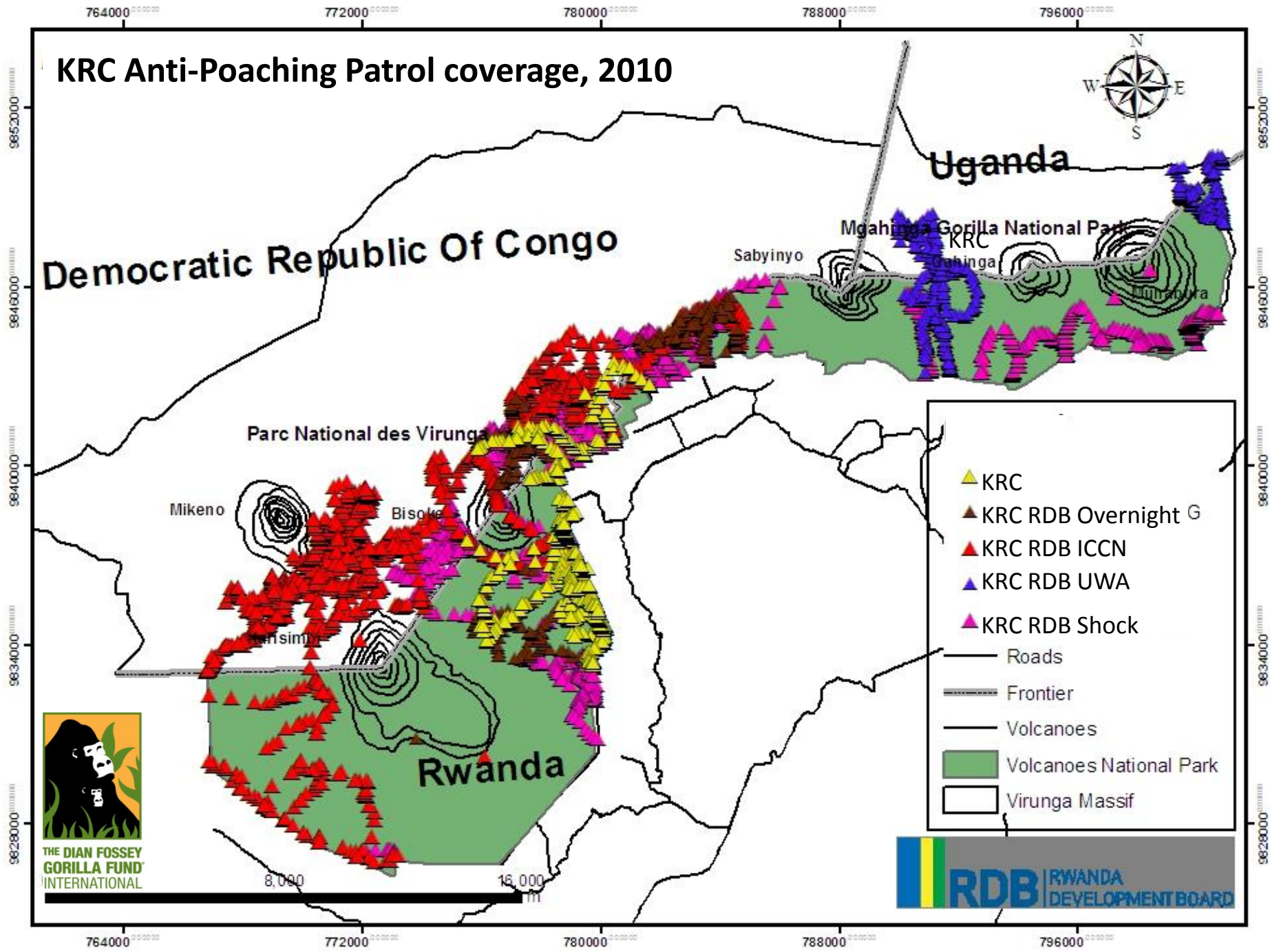


THE DIAN FOSSEY  
GORILLA FUND  
INTERNATIONAL

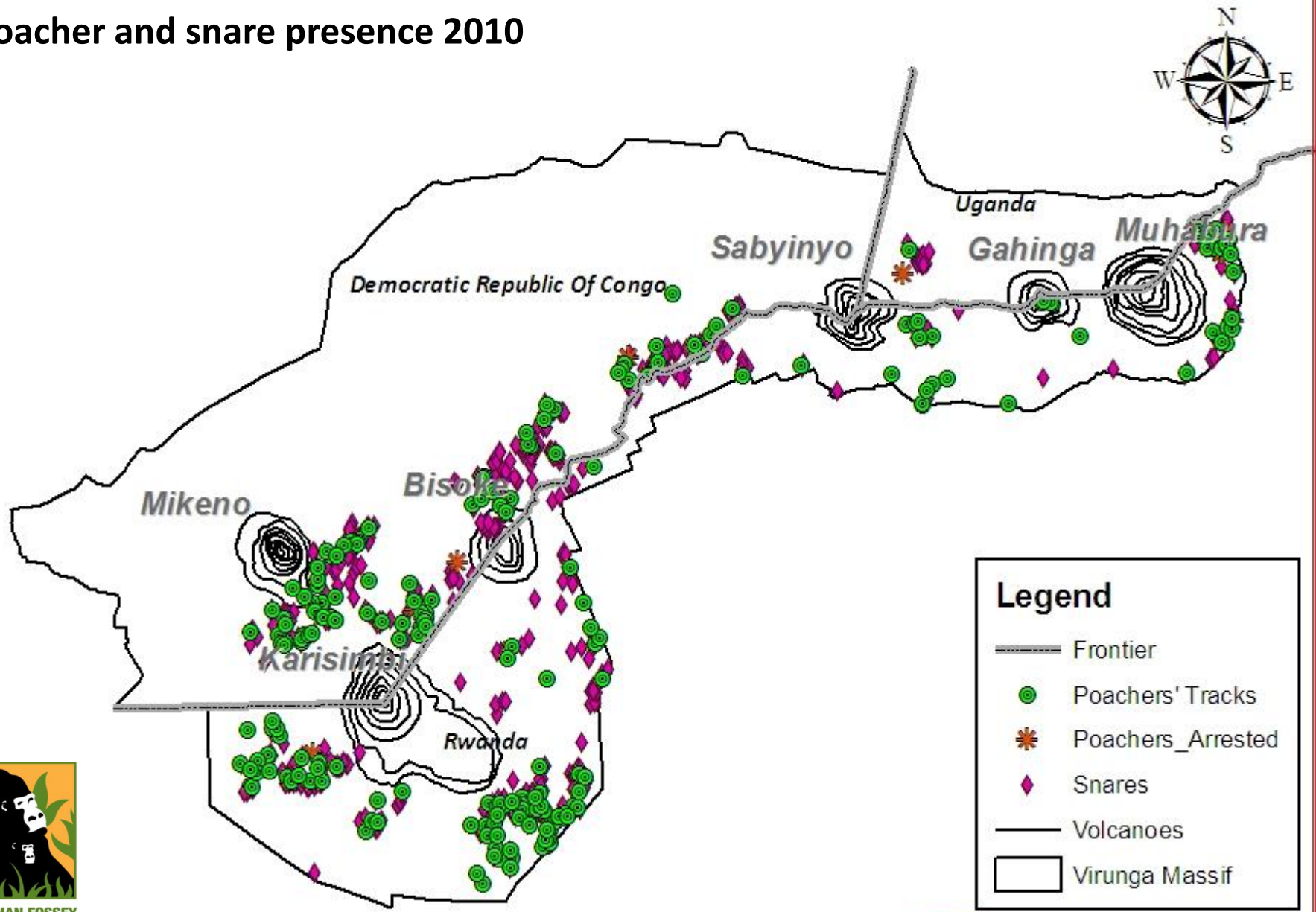




# KRC Anti-Poaching Patrol coverage, 2010



# Poacher and snare presence 2010



THE DIAN FOSSEY  
GORILLA FUND  
INTERNATIONAL

0 9,000 18,000 m



# Number of patrols a year

- KRC carried out 352 patrols (24% of all patrols of VNP)
- Increased number of coordinate patrol with ICCN and UWA
- Increased number of people involved in shock patrols

# Number of snares

- 1927 snares found in the Park in 2010 of which 1087 destroyed during patrol with KRC (56%)
- The number of snares slightly changed over years but patrol effort increased
- We are observing a decrease of snares in VNP in the last 2 years
- 856 found by coordinate patrols cross DRC border
- 70 snares found by gorilla trackers

# Gorilla caught in snares

- 8 gorillas caught in snares in the past 4 years
- Infant/juveniles are the most vulnerable
- In 6 cases trackers cut the rope with machete
- Intervention needed to remove the remaining part of rope
- In two cases 1 silverback and 1 blackback free themselves



# Patrol post camp close to forest

- Started in June 2010 to improve control of forest access and address the high number of snares found in sector III



**The end**