

Project Update: October 2020

Introduction

Around protected areas, problem animals have been increasingly reported mostly in Africa. This issue is being reported around Nyungwe National Park, where wild felids are suspected to range out the park boundaries and kill livestock. In order to assess this issue, there was a reason of submitting a research project proposal to Rufford Small Grants, requesting a grant in order to document this issue with the topic entitled “Identifying Felids ranging out park boundaries, assessing their impacts on community properties around Nyungwe National Park and proposing mitigation measures”. The project was granted and after receiving a grant, the research activities are in progress. This narrative report summarizes how far the project is being implemented.

Progressive activities

- a) **Community Inception Meetings:** The meetings have been conducted in three administrative sectors, with the participation of local officials and the park management staff. A total number of 227 persons have attended the meetings.



Inception meetings in Kivu, Nyabimata and Ruheru Sectors, Nyaruguru District

- b) **Camera Trapping:** 26 camera traps have been set at the first trapping round. WCS field staff participated to help local field assistant in setting and handling camera traps.



Camera trapping in core forest, buffer zone and around home place/community farmland

Challenges in face and how are being handled.

- Mountainous terrain and current rainy season did not allow quick access to trapping points as well as delaying trapping sub-activities. This required the allocation of additional time on planned days for site visits. To deal with this issue, the technical and consultation meeting was done between WCS and the Nyungwe National Park management. It is now noted that the camera traps will be installed and shifted according to the seasons (rainy or dry seasons) rather than keeping camera traps consecutively in the field. This will allow us to capture different species over the year while allocating the resources effectively.
- One camera trap had technical issues and was not set. This issue was reported to the technician for further help, and once the camera is operational, it will be set in second round.

Budget use and proposed adjustments

- The budget is being used as planned in proposal, but few changes have been suggested through ideas from project stakeholders for better implementing the projects, and those inputs are recommended on the line concerning 9 Reconyx Security Enclosure (£450 / \$ 557.685) as follow:

During inception meetings conducted with local communities, the participants have attributed the high value towards the research activities. They have proposed that there should be a group of local communities that will be doing volunteering activities by mobilising other local communities for ensuring the safety of the camera traps, mainly those ones set in community farmlands/home places. The participants also proposed that there should be food allowances (meals) for feeding those community mobilisers in order to help them to be productive.

For this reason, it was proposed that 10 people (three people per site and one coordinator) be nominated from the former poacher's cooperative. And now, it is being suggested that the budget provided for nine Reconyx Security Enclosure (£450 / \$

557.685) be reallocated in order to be used as food allowances for those 10 community mobilisers for better helping in reducing interference in camera trap data collection.



A Picture taken with some of nominated community mobilizers

Way Forward:

- Continuous site visits for data collection and any interventions.
- Work closely with nominated community mobilisers.
- Interviews / questionnaires will be conducted and guided by continuous camera trapping data/steps.

Activity Plan: Research Project

Order	Activity	Time flame
1	Creating research design	October, 2020
2	Choosing study sites	
3	Acquiring research permit	
4	Inception meetings with local communities	
5	Acquisition of camera traps, accessories and installation	
6	Data collection and site visits	November 2020 to September 2021
7	Data Analysis	September – October 2021
8	Writing a final report	October – November 2021
9	Publication of research in peer-reviewed journal	February, 2022

Attendance list for community inception meeting for research on identification of animals that kill livestock in Nyaruguru District

Date: 2/1/2020

No.	Names	Village	Cell	Sector
1.	Murimihalo Gaspard	Murimihalo	Gakuni go	Kivu
2.	Murimihalo Christian	"	"	"
3.	Murimihalo Emmanuel	Murimihalo	Rugerezo	Kivu
4.	Murimihalo Yohana	Murimihalo	Gakuni go	Kivu
5.	Murimihalo Yohana	"	"	"
6.	Murimihalo Alex	Kintama	Gakuni go	Kivu
7.	Murimihalo Yohana	Murimihalo	Gakuni go	Kivu
8.	Murimihalo Yohana	Murimihalo	Gakuni go	Kivu
9.	Murimihalo Yohana	"	"	"
10.	Murimihalo Yohana	"	"	"
11.	Murimihalo Yohana	"	"	"
12.	Murimihalo Yohana	"	"	"
13.	HAKIZIMANA Patrice	GAKUTA	CHANYIMAKORA	Kivu
14.	KUBWIMANA Innocent	RUGEREZO	RUGEREZO	Kivu
15.	RUBENGERANTWARI	GASEZO	GASEZO	Kivu
16.	NSENGIMANA Ignace	"	"	"
17.	RUCAMINGO Yohane	GASEZO	GASEZO	Kivu
18.	KANAMU Yohane	Murimihalo	Gakuni go	Kivu
19.	NSABIMANA Yohane	KINTAMA	Gakuni go	Kivu
20.	NSABIMANA Yohane	Kintama	"	Kivu
21.	ANICO Ndayimana	Murimihalo	Gakuni go	Kivu
22.	NSABIMANA Yohane	KINTAMA	Gakuni go	Kivu
23.	NSABIMANA Yohane	Kintama	Gakuni go	Kivu
24.	HABIMANA FAUSTIN	KABINGO	KIMINA	Kivu
25.	NSABIMANA Yohane	Gasezo	Gasezo	Kivu
26.	KURUBA Gaspard	Rugerezo	Gakuni go	Kivu
27.	MURIMIHALO Yohana	Murimihalo	Gakuni go	Kivu
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Signature

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Attendance list for community inception meeting for research on identification of animals that kill livestock in Nyaruguru District

Date: 21/10/2020

No.	Names	Village	Cell	Sector
1.	MUSHIMINIMANA dherange	GASEZO	GATHURIZO	KIVU
2.	N. BAGANWA Josephine	KINTAMA	GATHURIZO	KIVU
3.	DUSABIMANA Annonciata	RUGERERO	RUGERERO	KIVU
4.	BUKUSENGE Eugénie	RUGERERO	RUGERERO	KIVU
5.	KAMANA Xoline	UNAMIZIRIKANO	GATHURIZO	KIVU
6.	NEURIKININKA dherange	UNAMIZIRIKANO	GATHURIZO	KIVU
7.	MUKAMANA Vierge	RUGERERO	RUGERERO	KIVU
8.	NTAHIMPEREYE Evariste	UNAMIZIRIKANO	GATHURIZO	KIVU
9.	MUTUYIMANA JMY	UNAMIZIRIKANO	GATHURIZO	KIVU
10.	NGIMIMANA Emmanuel	UNAMIZIRIKANO	GATHURIZO	KIVU
11.	AMAMUKIYE Christine	UNAMIZIRIKANO	GATHURIZO	KIVU
12.	NSAMIMANA Bosco	UNAMIZIRIKANO	GATHURIZO	KIVU
13.	MBONINPAYE Seraphe	GATUTI	CYANGIRANKORA	KIVU
14.	MUKAMUNIZA moffe rose	UNAMIZIRIKANO	GATHURIZO	KIVU
15.	NTAHAMANA dherange	UNAMIZIRIKANO	GATHURIZO	KIVU
16.	MUKAMUNIZA Vierge	UNAMIZIRIKANO	GATHURIZO	KIVU
17.	NGIRUMUNYANGA Celeste	UNAMIZIRIKANO	GATHURIZO	KIVU
18.	MUKAMUNIZA Claudine	UNAMIZIRIKANO	GATHURIZO	KIVU
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Attendance list for community inception meeting for research on identification of animals that kill livestock in Nyaruguru District

Date: 21/10/2020

No.	Names	Village	Cell	Sector
1.	uwamaliya ndahatol	Rugenero	Rugenero	Kivu
2.	Mukashyaka Laurent	Gashurizo	uwamizirikano	11
3.	ingabire Faime	11	Gasezo	11
4.	Kabanza Gerard	11	uwamizirikano	11
5.	Ndagizimana Belverick	Gashurizo	11	11
6.	Ni Gonziwa Sylvestre	11	Kintama	11
7.	Nyousaba Pauline	Gashurizo	Rugenero	11
8.	Nyagizimana Simeon	Gashurizo	uwamizirikano	11
9.	Sesemi Veronique	11	11	11
10.	Nyagizimana Mediane	Rugenero	Rugenero	11
11.	Nyagisho Fumal	Gashurizo	Gasezo	11
12.	Nyagizimana Cele	11	uwamizirikano	11
13.	Nyandimana Veronique	Rugenero	Rugenero	11
14.	Sibomurama Jeanette	Gashurizo	uwamizirikano	11
15.	Nyamukera Théophile	Gashurizo	Kintama	11
16.	Nyagizimana Silephane	Rugenero	Rugenero	11
17.	Nyandimana Bosco	Gashurizo	uwamizirikano	11
18.	NIYONSHUTI Emmanuel	Rugero	Rugero	11
19.	NKUNDIMANA Bosco	Uwamizirikano	Gashurizo	11
20.	Nyirizere Forstine	Rugero	Kivu	11
21.	ABIMANIROBA Chantal	Kinuna	Kinuna	11
22.	UWA MARIYA Jean	Kivumu	Rugero	11
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Attendance list for community inception meeting for research on identification of animals that kill livestock in Nyaruguru District

Date: 21/10/2020

No.	Names	Village	Cell	Sector	Signature
1.	Kelapimano John	Mishungu	Mishungu	Nyabimata	
2.	MAKUPA Egarali	Mishungu	Mishungu	Nyabimata	
3.	UGABIMATA Joseph	Mishungu	Mishungu	Nyabimata	
4.	MICHO	Mishungu	Mishungu	Nyabimata	
5.	BABANIWEZA Samuile	Mishungu	Mishungu	Nyabimata	
6.	Nyigabuta Charles	Mishungu	Mishungu	Nyabimata	
7.	Mumutani Zikate	Mishungu	Mishungu	Nyabimata	
8.	MUKSINDI J. Kete	Mishungu	Mishungu	Nyabimata	
9.	MUWATUMU Mucip	Mishungu	Mishungu	Nyabimata	
10.	KAYE KUWA Mucip	Mishungu	Mishungu	Nyabimata	
11.	ZIHERAMBE RE Samuile	Mishungu	Mishungu	Nyabimata	
12.	KAYATAMBE KE Mucip	Mishungu	Mishungu	Nyabimata	
13.	SEMUSIWA Mucip	Mishungu	Mishungu	Nyabimata	
14.	KAREMUTA A. Mucip	Mishungu	Mishungu	Nyabimata	
15.	MUKAMUTABA Mucip	Mishungu	Mishungu	Nyabimata	
16.	KUCU Mucip	Mishungu	Mishungu	Nyabimata	
17.	UWUSIWE Mucip	Mishungu	Mishungu	Nyabimata	
18.	MUKAMUTABA Mucip	Mishungu	Mishungu	Nyabimata	
19.	Nyigabuta Mucip	Mishungu	Mishungu	Nyabimata	
20.	NYIRAMUTA Mucip	Mishungu	Mishungu	Nyabimata	
21.	SIPABUBUKE Mucip	Mishungu	Mishungu	Nyabimata	
22.	NATAYAYISE Mucip	Mishungu	Mishungu	Nyabimata	
23.	Nyigabuta Mucip	Mishungu	Mishungu	Nyabimata	
24.	MUKAMUTABA Mucip	Mishungu	Mishungu	Nyabimata	
25.	UWUSIWE Mucip	Mishungu	Mishungu	Nyabimata	
26.	UTAKI KASO Mucip	Mishungu	Mishungu	Nyabimata	
27.	UWUSIWE Mucip	Mishungu	Mishungu	Nyabimata	
28.	MUKAMUTABA Mucip	Mishungu	Mishungu	Nyabimata	
29.	Nyigabuta Mucip	Mishungu	Mishungu	Nyabimata	
30.	UTAKI KASO Mucip	Mishungu	Mishungu	Nyabimata	
31.	MUKAMUTABA Mucip	Mishungu	Mishungu	Nyabimata	
32.	MUKAMUTABA Mucip	Mishungu	Mishungu	Nyabimata	
33.	UWUSIWE Mucip	Mishungu	Mishungu	Nyabimata	
34.	ZIHERAMBE RE Mucip	Mishungu	Mishungu	Nyabimata	
35.	UWUSIWE Mucip	Mishungu	Mishungu	Nyabimata	
36.	UTAKI KASO Mucip	Mishungu	Mishungu	Nyabimata	
37.	UWUSIWE Mucip	Mishungu	Mishungu	Nyabimata	
38.	UTAKI KASO Mucip	Mishungu	Mishungu	Nyabimata	
39.	UWUSIWE Mucip	Mishungu	Mishungu	Nyabimata	
40.	UWUSIWE Mucip	Mishungu	Mishungu	Nyabimata	
41.	YAMBABABA Mucip	Mishungu	Mishungu	Nyabimata	

42. Nyigabuta Samuile MISHUNGU NYABIMATA
 43. Nyigabuta Mucip MISHUNGU NYABIMATA

Attendance list for community inception meeting for research on identification of animals that kill livestock in Nyaruguru District

Date: 21/10/2020

No.	Names	Village	Cell	Sector
1.	NGENBAHAY	BUTHINGA	BUTHINGA	NYABINATA
2.	UWINNAN J. Sankoro	MISTHUNGERO	MISTHUNGERO	NYABINATA
3.	ASHIMI Ruygo J. M	MISTHUNGERO	MISTHUNGERO	NYABINATA
4.	NAABETIMANA Jean	NSABANA	MISTHUNGERO	NYABINATA
5.	SEMURZA Idriss	MUYIKA	MISTHUNGERO	NYABINATA
6.	NINYEZAHAKA Moku	UWINDHIGI	MISTHUNGERO	NYABINATA
7.	MUNANI Samuele	CYUMORI	BUTHINGA	NYABINATA
8.	UBIKEMWENYO Kiprot	NELARO	BUTHINGA	NYABINATA
9.	UWIMURU E. Catorino	MISTHUNGERO	MISTHUNGERO	NYABINATA
10.	SINDA K. M. M. M. M. M.	CYUMORI	BUTHINGA	NYABINATA
11.	UWIREYIMURU Charles	NSABO	BUTHINGA	NYABINATA
12.	HAKIZIMURU J. B	NSABO	BUTHINGA	NYABINATA
13.	NYIRAMURU J. B	MUTHINGA	MISTHUNGERO	NYABINATA
14.	BHZA B. M. M. M. M.	MUTHINGA	MISTHUNGERO	NYABINATA
15.	NIRIRUGYIMURU	MUYIKA	MISTHUNGERO	NYABINATA
16.	MUKATODANOA Mervin	BUTHINGA	BUTHINGA	NYABINATA
17.	NAIRUTSE Sylvain	BUTHINGA	BUTHINGA	NYABINATA
18.	NYIRAHIREZA Thacienne	BUTHINGA	BUTHINGA	NYABINATA
19.	DISHYI R. M. M. M. M.	NSABO	BUTHINGA	NYABINATA
20.	NYABUYENAH Camel	NSABANA	MISTHUNGERO	NYABINATA
21.	EMAH GATU Tiphine	NSABANA	MISTHUNGERO	NYABINATA
22.	GUIMIKA Edith	BUTHINGA	MISTHUNGERO	NYABINATA
23.	NGIRAHAKIZI Victor	BUTHINGA	BUTHINGA	NYABINATA
24.	SEBAGE M. Celestin	MUTHINGA	MUTHINGA	NYABINATA
25.	KIRANYANGE Bernadette	BUTHINGA	BUTHINGA	NYABINATA
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Attendance list for community inception meeting for research on identification of animals that kill livestock in Nyaruguru District

Date: 22/10/2020

No.	Names	Village	Celi	Sector	Signature
1.	Rutaganda Paul	Rukarakara	Rugenzi	Rutaguru	
2.	Nyirirere Innocent	Rukarakara	Rugenzi	Rutaguru	
3.	Uwase Emmanuel	Rugenzi	Rugenzi	Rutaguru	
4.	Mwambura Hilda	Rugenzi	Rugenzi	Rutaguru	
5.	Mwambura Hilda	Rukarakara	Rugenzi	Rutaguru	
6.	Hategekimana Joseph	Tamburanga	Rugenzi	Rutaguru	
7.	Uwizeye Claude	Rukarakara	Rugenzi	Rutaguru	
8.	Nyirirere Paul	Rugenzi	Rugenzi	Rutaguru	
9.	Nyirirere Paul	Rugenzi	Rugenzi	Rutaguru	
10.	Uwizeye Claude	Rugenzi	Rugenzi	Rutaguru	
11.	Nyirirere Paul	Rugenzi	Rugenzi	Rutaguru	
12.	Nyirirere Paul	Rugenzi	Rugenzi	Rutaguru	
13.	Nyirirere Paul	Rugenzi	Rugenzi	Rutaguru	
14.	Nyirirere Paul	Rugenzi	Rugenzi	Rutaguru	
15.	Nyirirere Paul	Tamburanga	Rugenzi	Rutaguru	
16.	Nyirirere Paul	Rugenzi	Rugenzi	Rutaguru	
17.	Nyirirere Paul	Rugenzi	Rugenzi	Rutaguru	
18.	Nyirirere Paul	Rugenzi	Rugenzi	Rutaguru	
19.	Nyirirere Paul	Rukarakara	Rugenzi	Rutaguru	
20.	Nyirirere Paul	Rukarakara	Rugenzi	Rutaguru	
21.	Hategekimana Joseph	Rukarakara	Rugenzi	Rutaguru	
22.	Nyirirere Paul	Rukarakara	Rugenzi	Rutaguru	
23.	Nyirirere Paul	Rugenzi	Rugenzi	Rutaguru	
24.	Nyirirere Paul	Rugenzi	Rugenzi	Rutaguru	
25.	Nyirirere Paul	Rugenzi	Rugenzi	Rutaguru	
26.	Nyirirere Paul	Rukarakara	Rugenzi	Rutaguru	
27.	Nyirirere Paul	Rugenzi	Rugenzi	Rutaguru	
28.	Nyirirere Paul	Rugenzi	Rugenzi	Rutaguru	
29.	Nyirirere Paul	Rugenzi	Rugenzi	Rutaguru	
30.	Nyirirere Paul	Rukarakara	Rugenzi	Rutaguru	
31.	Nyirirere Paul	Rugenzi	Rugenzi	Rutaguru	
32.	Nyirirere Paul	Rugenzi	Rugenzi	Rutaguru	
33.	Nyirirere Paul	Rukarakara	Rugenzi	Rutaguru	
34.	Nyirirere Paul	Tamburanga	Rugenzi	Rutaguru	
35.	Nyirirere Paul	Rukarakara	Rugenzi	Rutaguru	
36.	Nyirirere Paul	Rukarakara	Rugenzi	Rutaguru	
37.	Nyirirere Paul	Rukarakara	Rugenzi	Rutaguru	
38.	Nyirirere Paul	Tamburanga	Rugenzi	Rutaguru	
39.	Nyirirere Paul	Rukarakara	Rugenzi	Rutaguru	
40.	Nyirirere Paul	Rukarakara	Rugenzi	Rutaguru	
41.	Nyirirere Paul	Rukarakara	Rugenzi	Rutaguru	

42. Nyirirere Paul
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Attendance list for community inception meeting for research on identification of animals that kill livestock in Nyaruguru District

Date: 22/10/2020

No.	Names	Village	Cell	Sector
1.	MUKABUTERA Marceline	Mubuga	Uwumusebeya	RUHERU
2.	NABIGSIMANA Faustin	Mubuga	Uwumusebeya	RUHERU
3.	MUHIMPUNYA Karoline	Mubuga	Uwumusebeya	RUHERU
4.	NANGWAHAFI Charles	RUKARAKA	RUYENZI	RUHERU
5.	BWENGE J. Claude	RUKARAKA	RUYENZI	RUHERU
6.	UWONKUNDA Jacqueline	Mutumba	Remera	RUHERU
7.	MUKAMUGEMA Emerica	Mutumba	Remera	RUHERU
8.	DUSABIMBABAZI, Deloce	Uwinyana	Remera	RUHERU
9.	SIBOMANA Alexis	Mutumba	Remera	RUHERU
10.	BIKOSIKI Rose	Gitwa	Remera	RUHERU
11.	NYIRABANDORA tripleline	Gitwa	Remera	RUHERU
12.	MUNYEMBABAZI	KIRWA	Remera	RUHERU
13.	NYIRABANA tripleline	KIRWA	Remera	RUHERU
14.	MUHITIRA Innocent	KIRWA	Remera	RUHERU
15.	HISHAMUNISHA	RUKARAKA	RUYENZI	RUHERU
16.	MUKANDERA Francine	Mubuga	Uwumusebeya	RUHERU
17.	SHIRIMPUMPU Annociah	MUKAKA	KABERE	RUHERU
18.	NYIRABWASHA seaphline	Senyi	KABERE	RUHERU
19.	MUHIZI Rose	GAMBIRI	KABERE	RUHERU
20.	MUGEMANGA NGO	GAMBIRI	KABERE	RUHERU
21.	NYIRIMANA Jean	UWIGISURA	KABERE	RUHERU
22.	KANYANSE Beatrice	GAMBIRI	KABERE	RUHERU
23.	RUKUSAYI HUNGA paul	GAMBIRI	KABERE	RUHERU
24.	NSHIMISIMANA Leonard	GAMBIRI	KABERE	RUHERU
25.	VITA Sgnance	UWIGISURA	KABERE	RUHERU
26.	MUKABUCYANA bonifada	RUKARAKA	RUYENZI	RUHERU
27.	NATINO Anastase	ZIRAMBI	RUYENZI	RUHERU
28.	BUKOYA Samuel	Tambananga	RUYENZI	RUHERU
29.	NYIRAHIRWA Anastasia	Tambananga	RUYENZI	RUHERU
30.	HABERIMANA Vianney	Zirambi	RUYENZI	RUHERU
31.	NYIRABUKUNDA Jeanette	RUVURU	RUYENZI	RUHERU
32.	NIKIZE Solaphine	Gakaranka	Uwumusebeya	RUHERU
33.	NYIRASHONGORE	Tambananga	RUYENZI	RUHERU
34.	MUHIGI, Faugace	RUVURU	RUYENZI	RUHERU
35.	NGAYABERUKA Dange	RUVURU	RUYENZI	RUHERU
36.	NYITUGIZE Tancienne	RUGOGE	Uwumusebeya	RUHERU
37.	KYABAZOHA Bernard	RUKARAKA	RUYENZI	RUHERU
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