



**The United Republic of Tanzania
Ministry of Natural Resources and Tourism**

TANZANIA WILDLIFE CORRIDORS ASSESSMENT,
PRIORITIZATION, AND ACTION PLAN

"Appendix D"



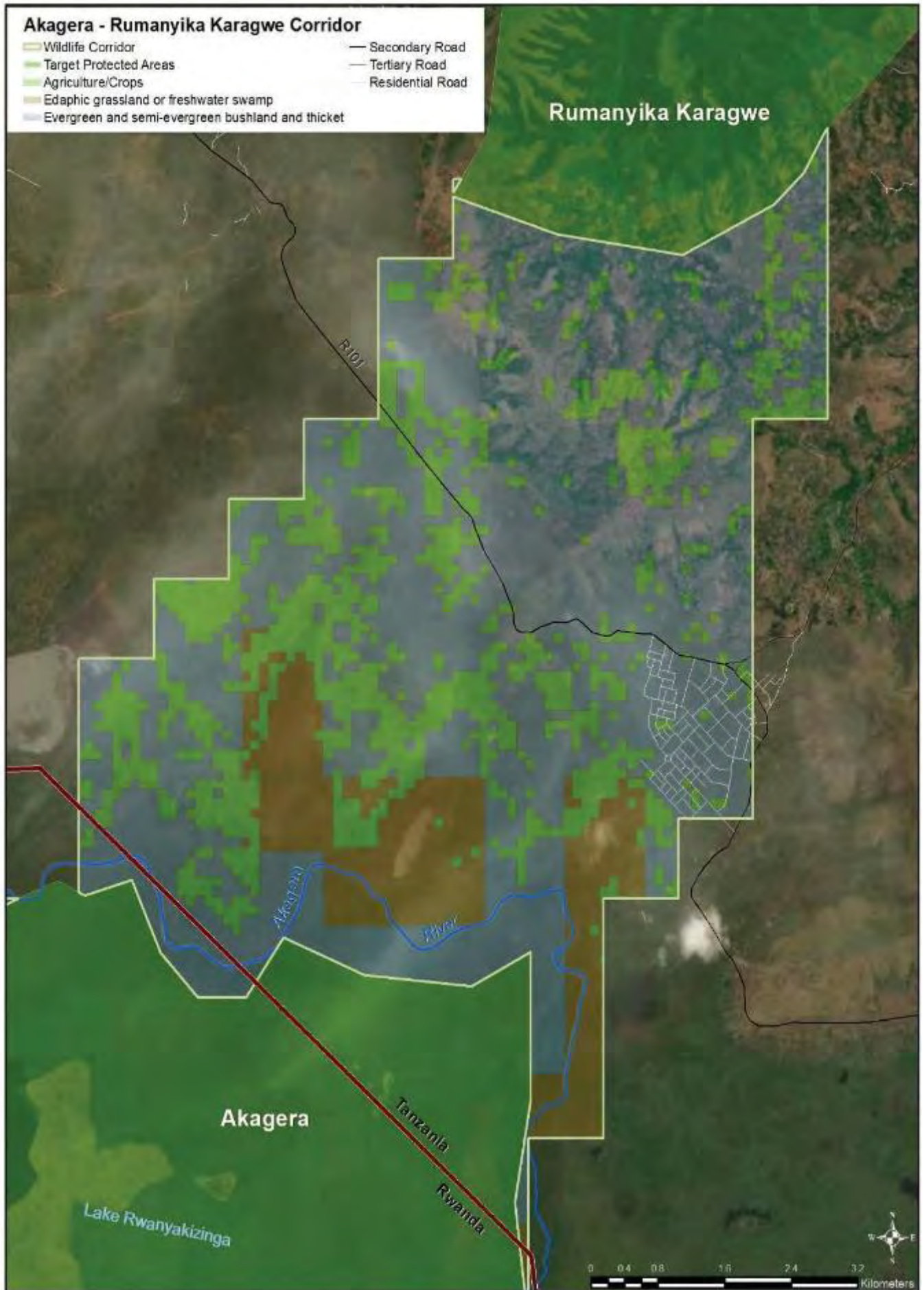
2022 - 2026

Results Summaries for Each Individual Corridor, with Detailed Maps

The purpose of this section is to provide detailed information for each corridor that may assist working group members with implementation. The maps and tables in this chapter were purposefully not given figure or table numbers to allow working group members, or anyone working on corridor implementation, to easily utilize the maps and tables in other endeavors, such as activities listed in the Priority Corridor Action Plan in Section 5, grant applications for conducting research, or activities related to community engagement for corridor implementation. The following information is provided for each corridor:

- A summary table with the results of all the analyses for each corridor.
- A fine-scale vegetation map using a “potential vegetation map of eastern Africa” developed by van Breugel et al. (2015b) (<http://vegetationmap4africa.org/Data.html>) updated to account for habitat conversion to agriculture, settlements and other developed areas using Copernicus Global Land Service 100 m data for agriculture and urban land cover in Africa for 2018 (Buchhorn et al. 2019; <https://africa.lcviewer.vito.be/download>). Other data included on the corridor maps includes transportation and infrastructure (i.e., Hoima-Tanga Pipeline); rivers, streams, and water bodies (lakes and wetlands); and villages, towns and cities in the vicinity. Note on the maps - only the target protected areas linking the corridors are displayed on the corridor maps in Appendix D; bright green within the corridor boundaries depicts agricultural land cover.
- A table of vegetation and land cover in each corridor (van Breugel et al. 2015b, Buchhorn et al. 2019).
- A table of IUCN listed species whose range overlaps each corridor.

Akagera (Rwanda) – Rumanyika Karagwe



Summary of Results for Conservation Value Criteria for Akagera – Rumanyika Karagwe					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	58	2	11		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	0	126,645	0		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	102,091	24,554	Small - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	5598	75	25	1398	0
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	25.0	1260	1866	606	18
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	50	0	50	TANAPA working reports	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	11676	3473	15149	9372	162%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	5598	75	25	1398	0
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	2.13	100	97.87	14035.73	51.984
Existing & Planned Infrastructure Density	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	55.98	31.812	0.5683	0.503	8.829
Threat from Invasive Species	Invasive Species Count				
	0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	0	1	1		

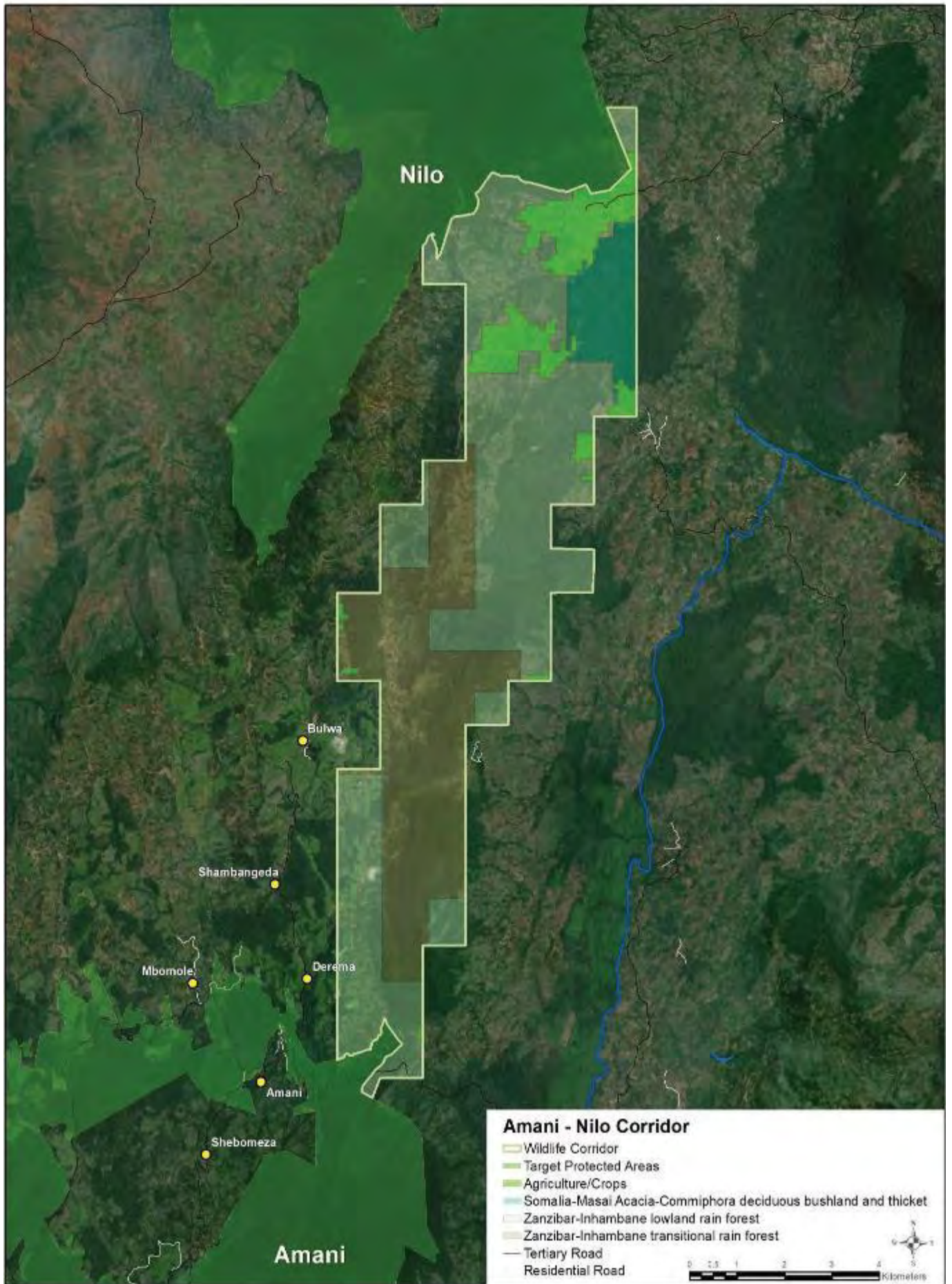
Vegetation and Land Cover Akagera – Rumanyika Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Evergreen and semi-evergreen bushland and thicket	3,491
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	708
Agriculture/Crops	1398

IUCN listed species whose range overlap the Akagera – Rumanyika Karagwe Corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Labeo victorianus</i>	CR	Extant (resident)	2016	FishBase
<i>Labeobarbus acuticeps</i>	NT	Possibly Extant (resident)	2016	FishBase
<i>Oreochromis variabilis</i>	CR	Extant (resident)	2006	IUCN
<i>Synodontis ruandae</i>	VU	Possibly Extant (resident)	2016	FishBase
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI
<i>Ardeola idea</i>	EN	Extant (non-breeding)	2010	BLI
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI
<i>Calamonastides gracilirostris</i>	VU	Possibly Extant (resident)	1999	BLI
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI
<i>Gyps rueppelli</i>	CR		2017	BLI
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI
<i>Lybius rubrifacies</i>	NT		2009	BLI
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI
<i>Neophron percnopterus</i>	EN	Extinct	2017	BLI
<i>Neotis denhami</i>	NT		2013	BLI
<i>Numenius arquata</i>	NT	Extant (non-breeding)	2011	BLI
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI
<i>Sagittarius serpentarius</i>	VU		2006	BLI

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Scleroptila streptophora</i>	NT		2007	BLI
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI
<i>Terathopius ecaudatus</i>	NT		2006	BLI
<i>Torgos tracheliotos</i>	EN		2019	BLI
<i>Trigonoceps occipitalis</i>	CR		2015	BLI
INSECTA				
<i>Agriocnemis palaeforma</i>	VU	Extant (resident)	2016	IUCN
MAMMALIA				
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Possibly Extant (resident)	1979	IUCN/SSC - AESG
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera pardus</i>	VU	Extant (resident)	2019	PG
<i>Phataginus tricuspis</i>	EN	Extant (resident)	2019	IUCN SSC PSG
<i>Smutsia gigantea</i>	EN	Extant (resident)	2019	IUCN SSC PSG
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Cyperus afroalpinus</i>	NT	Probably Extant (resident)	2010	IUCN



Summary of Results for Conservation Value Criteria for Amani - Nilo					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	93	48	7		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	15085	15,085	100%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	9,151	5,933	Small - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	5743	91	9	529	0
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	30.0	230	1384	1154	35
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	89	0	89		
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	0	0	0	0	0%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	5743	91	9	529	0
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	22.3	81.84	59.54	22723.97	56.668
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	57.43	2.515	0.0438	0.0361	0.7267
Threat from Invasive Species	Invasive Species Count 33				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	0	1	2		

Vegetation and Land Cover Amani - Nilo Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Zanzibar-Inhambane transitional rain forest	1,802
Zanzibar-Inhambane lowland rain forest	3,045
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	367
Agriculture/Crops	529

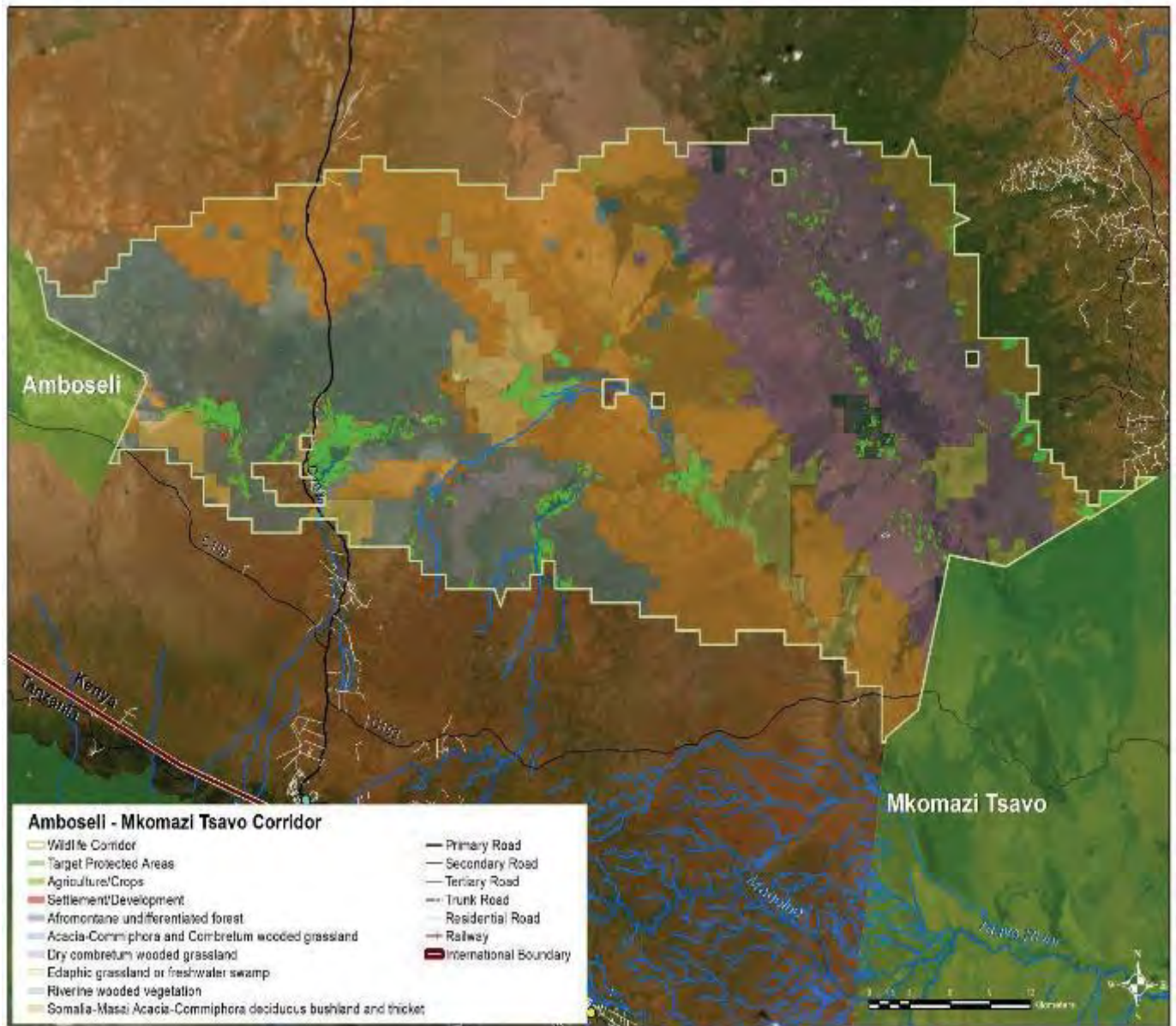
IUCN listed species whose range overlap the Amani - Nilo corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Oreochromis esculentus</i>	CR	Possibly Extant & Introduced (resident)	2006	IUCN
AMPHIBIA				
<i>Afrivalus dorsimaculatus</i>	EN	Extant (resident)	2015	IUCN
<i>Arthroleptides martiensseni</i>	EN	Extant (resident)	2013	IUCN
<i>Arthroleptis xenodactylus</i>	EN	Extant (resident)	2015	IUCN
<i>Hoplophryne rogersi</i>	EN	Extant (resident)	2012	IUCN
<i>Hyperolius burgessi</i>	VU	Extant (resident)	2014	IUCN
<i>Leptopelis grandiceps</i>	VU	Extant (resident)	2015	IUCN
<i>Leptopelis parkeri</i>	EN	Extant (resident)	2012	IUCN
<i>Leptopelis uluguruensis</i>	NT	Extant (resident)	2015	IUCN
<i>Leptopelis vermiculatus</i>	EN	Extant (resident)	2013	IUCN
<i>Mertensophryne usambarae</i>	CR	Extant (resident)	2008	IUCN
<i>Phrynobatrachus krefftii</i>	EN	Extant (resident)	2012	IUCN
<i>Probreviceps macrodactylus</i>	EN	Extant (resident)	2013	IUCN
AVES				
<i>Acrocephalus griseldis</i>	EN	Extant (non-breeding)	2003	BLI
<i>Anthreptes reichenowi</i>	NT	Extant (resident)	2009	BLI
<i>Anthreptes rubritorques</i>	VU		2016	BLI
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI
<i>Arcanator orostruthus</i>	VU		2012	BLI
<i>Ardeola idea</i>	EN	Extant (non-breeding)	2010	BLI
<i>Artisornis moreau</i>	CR		2017	BLI
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI
<i>Buteo oreophilus</i>	NT		2014	BLI
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI
<i>Cinnyris usambaricus</i>	NT		2016	BLI

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Circaetus fasciolatus</i>	NT		2009	BLI
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI
<i>Falco concolor</i>	VU		2019	BLI
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI
<i>Gyps rueppelli</i>	CR		2017	BLI
<i>Haematopus ostralegus</i>	NT	Extant (non-breeding)	2019	BLI
<i>Hedydipna pallidigaster</i>	EN		1998	BLI
<i>Hyliota usambara</i>	EN		2007	BLI
<i>Limosa lapponica</i>	NT	Extant (passage)	2006	BLI
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI
<i>Numenius arquata</i>	NT	Extant (non-breeding)	2011	BLI
<i>Otus ireneae</i>	EN		2000	BLI
<i>Phyllastrephus albigula</i>	NT		2016	BLI
<i>Ploceus nicolli</i>	EN		1998	BLI
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI
<i>Sagittarius serpentarius</i>	VU		2006	BLI
<i>Sheppardia gunning</i>	NT		2016	BLI
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI
<i>Swynnertonia swynnertoni</i>	VU		2012	BLI
<i>Tauraco fischeri</i>	NT		2013	BLI
<i>Terathopius ecaudatus</i>	NT		2006	BLI
<i>Torgos tracheliotos</i>	EN		2019	BLI
<i>Trigonoceps occipitalis</i>	CR		2015	BLI
<i>Zosterops winifredae</i>	VU		2016	BLI
INSECTA				
<i>Allocnemis abbotti</i>	NT	Probably Extant (resident)	2010	ODA
<i>Amanipodagrion gilliesi</i>	CR	Extant (resident)	2010	ODA
<i>Micromacromia miraculosa</i>	CR	Probably Extant (resident)	2010	ODA
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
<i>Potamonautes infravallatus</i>	VU	Extant (resident)	2006	IUCN
<i>Potamonautes raybouldi</i>	VU	Extant (resident)	2006	IUCN
<i>Potamonautes xiphoidus</i>	VU	Extant (resident)	2013	IUCN
MAMMALIA				
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Crocidura tansaniana</i>	NT	Extant (resident)	2019	IUCN SSC - SMSG
<i>Crocidura usambarae</i>	VU	Extant (resident)	2017	IUCN SSC - SMSG
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera pardus</i>	VU	Extinct	2019	PG
<i>Paragalago orinus</i>	NT	Extant (resident)	2008	IUCN
<i>Rhinolophus deckenii</i>	NT	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Taphozous hildegardeae</i>	VU	Extant (resident)	2008	IUCN
REPTILIA				
<i>Agama montana</i>	VU	Extant (resident)	2013	IUCN
<i>Atheris ceratophora</i>	VU	Extant (resident)	2013	IUCN
<i>Gastropholis prasina</i>	NT	Extant (resident)	2013	IUCN
<i>Kinyongia matschiei</i>	EN	Extant (resident)	2014	IUCN
<i>Kinyongia tenuis</i>	EN	Extant (resident)	2014	IUCN
<i>Kinyongia vosseleri</i>	EN	Extant (resident)	2014	IUCN
<i>Lygodactylus gravis</i>	VU	Extant (resident)	2010	RLI, ZSL
<i>Rhampholeon spinosus</i>	EN	Extant (resident)	2014	IUCN
<i>Rhampholeon temporalis</i>	EN	Extant (resident)	2014	IUCN
<i>Thelotornis usambaricus</i>	VU	Extant (resident)	2013	IUCN
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Amboseli - Mkomazi-Tsavo (KENYA)



Summary of Results for Conservation Value Criteria for Amboseli – Mkomazi Tsavo					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	115	16	16		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	11454	2,418,299	0.5%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	38,989	2,379,310	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	177612	96.5	3.5	6128	118
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	43.8	168	2007	1839	57
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	73	0	73	BCI, ATE, IFAW, KWS, SFS, Masenga et al. 2016, TAWIRI Ojwang' et al. 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	60587		60587	78928	77%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	177612	96.5	3.5	6128	118
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	2.29	100	97.71	61230	43.333
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	1776.12	31.54	0.0175	0.0192	1.3042
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	NO DATA	0			

Vegetation and Land Cover Amboseli - Mkomazi Tsavo Corridor. Sources: van Bruegeletal. 2015 and Buchhornetal. 2019

Vegetation / Land Cover Type	Hectares
Afromontane undifferentiated forest	1,361
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	66,189
Riverine wooded vegetation	2,063
Dry combretum wooded grassland	44,399
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	14,896
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	42,458
Agriculture/Crops	6,128
Settlement/Development	118

IUCN listed species whose range overlap the Amboseli - Mkomazi Tsavo corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
ACTINOPTERYGII				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Ctenochromis aff. pectoralis</i>	VU	Extant (resident)	2004	IUCN
<i>Enteromius amboseli</i>	EN	Extant (resident)	2020	IUCN
<i>Haplochromis sp. nov. 'Amboseli'</i>	CR	Extant (resident)	2004	IUCN
<i>Labeo sp. nov. 'Mzima'</i>	VU	Extant (resident)	2004	IUCN
<i>Labeo trigliceus</i>	VU	Extant (resident)	2006	IUCN
<i>Marcusenius sp. nov. 'Malindi'</i>	VU	Extant (resident)	2004	IUCN
AVES				
<i>Acrocephalus griseldis</i>	EN	Extant (passage)	2003	BLI 2017
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Aquila heliaca</i>	VU	Extant (non-breeding)	2019	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeola idae</i>	EN		2010	BLI 2019
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Cinnyris usambaricus</i>	NT		2016	BLI 2019
<i>Circaetus fasciolatus</i>	NT		2009	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco cherrug</i>	EN	Extant (non-breeding)	2014	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Possibly Extinct	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)	2017	BLI 2019
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Poeyoptera femoralis</i>	VU		1998	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Probably Extant (resident)	2010	ODA
<i>Pseudagrion bicoerulans</i>	VU	Extant (resident)	2016	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Ceratotherium simum</i>	NT	Extant & Assisted Colonisation (resident)	2020	IUCN
<i>Ceratotherium simum ssp. cottoni</i>	CR	Extant & Assisted Colonisation (resident)	2020	IUCN
<i>Ceratotherium simum ssp. simum</i>	NT	Extant & Assisted Colonisation (resident)	2020	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Litocranius walleri</i>	NT	Extant (resident)	2008	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Loxodonta africana</i>	VU	Extant (resident)	2002	IUCN/SSC - AESG
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN
<i>Otomops harrisoni</i>	VU	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Redunca fulvorufula</i>	EN	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Carex monostachya</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Carex phragmitoides</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Lagarosiphon hydrilloides</i>	EN	Extant (resident)	2016	IUCN

Summary of Results for Conservation Value Criteria for Arusha - Longido					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	71	9	14		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	38721	78,570	49%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	31,727	46,843	Small - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	29945	92.5	7.5	1962	284
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	42.5	1171	4254	3083	66
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	64	2	66	TAWIRI report	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	648		648	33891	2%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	29945	92.5	7.5	1962	284
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	14.08	100	85.92	29721.78	46.512
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	299.45	37.548	0.1254	0.1315	1.2271
Threat from Invasive Species	Invasive Species Count				
	3				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	58	5	3		

Vegetation and Land Cover Arusha - Longido Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Afromontane rain forest	226
Afromontane undifferentiated forest	315
Afromontane dry transitional forest	188
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	1,000
Montane Ericaceous belt	6
Halophytic vegetation	544
Edaphic grassland on volcanic soils	22,376
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	3,043
Agriculture/Crops	1,962
Settlement/Development	284

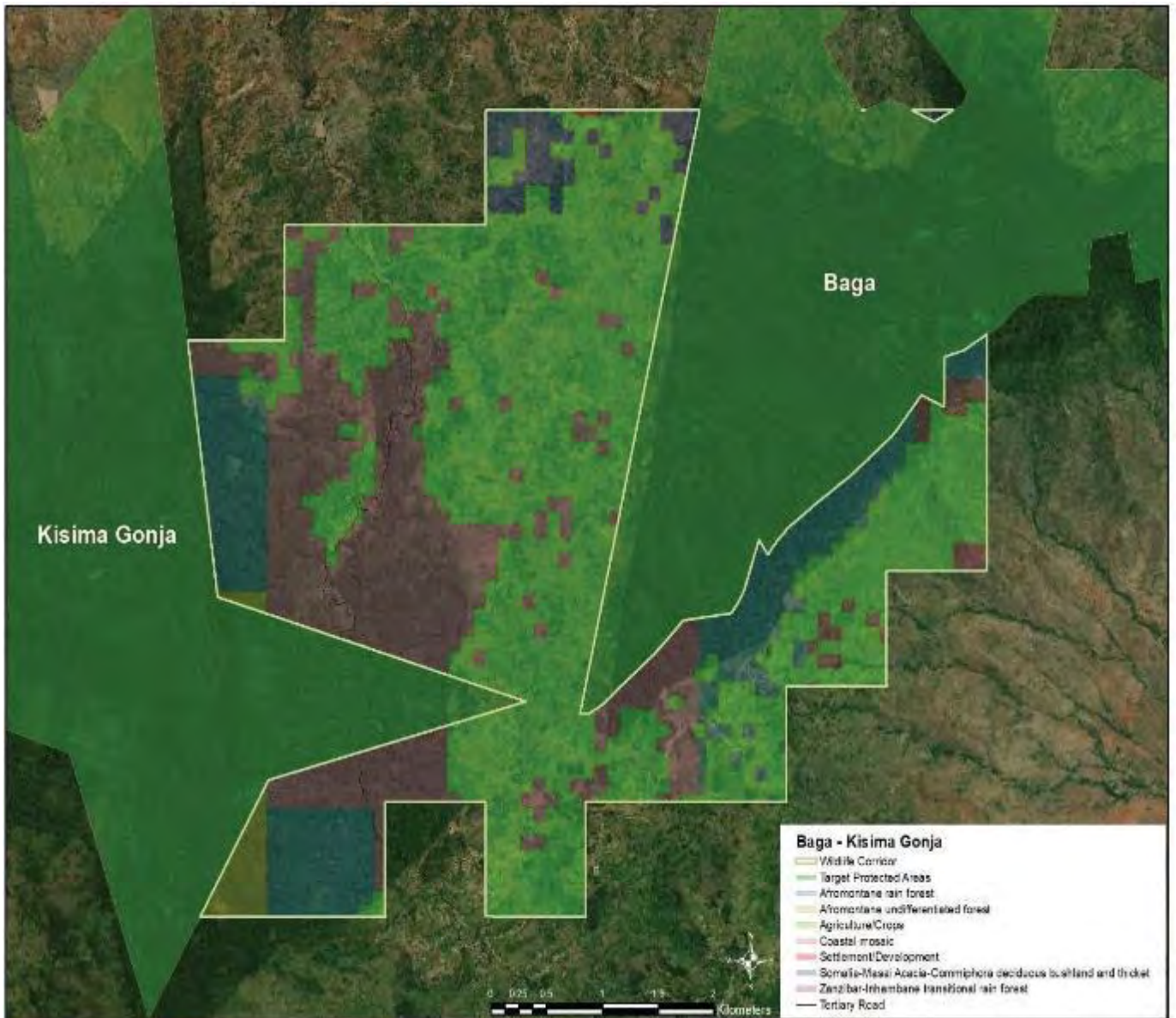
IUCN listed species whose range overlap the Arusha - Longido corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Haplochromis sp. nov. 'Amboseli'</i>	CR	Extant (resident)	2004	IUCN
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Aquila heliaca</i>	VU	Extant (non-breeding)	2019	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idea</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco cherrug</i>	EN	Extant (non-breeding)	2014	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Completed	Citation
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)	2017	BLI 2019
<i>Numenius arquata</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Poeyoptera femoralis</i>	VU		1998	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Alloccnemis abbotti</i>	NT	Probably Extant (resident)	2010	ODA
<i>Pseudagrion bicoerulans</i>	VU	Extant (resident)	2016	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Crocidura allea</i>	VU	Extant (resident)	2008	IUCN
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Litocranius walleri</i>	NT	Extant (resident)	2008	IUCN
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Redunca fulvorufula</i>	EN	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>REPTILIA</i>				
<i>Kinyongia tavetana</i>	NT	Extant (resident)	2014	IUCN
<i>PLANTAE</i>				
<i>LILIOPSIDA</i>				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Carex monostachya</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Carex phragmitoides</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Cyperus afroalpinus</i>	NT	Probably Extant (resident)	2010	IUCN

Baga – Kisima Gonja



Summary of Results for Conservation Value Criteria for Baga – Kisima Gonja					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	87	40	9		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	4797	4,797	100%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	1,585	3,212	Small - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	2273	44	56	1273	1
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	22.5	1208	1944	736	21
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	81	0	81	TAWIRI report	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	0	0	0		0%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	2273	44	56	1273	1
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	25.02	100	74.98	15317.21	55.296
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	22.73	5.588	0.2458	0.2943	1.0308
Threat from Invasive Species	Invasive Species Count 1				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	0	1	1		

Vegetation and Land Cover Baga - Kisima Gonja Corridor. Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019

Vegetation / Land Cover Type	Hectares
Afromontane rain forest	299
Afromontane undifferentiated forest	35
Zanzibar-Inhambane transitional rain forest	32
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	63
Coastal mosaic	570
Agriculture/Crops	1,273
Settlement/Development	1

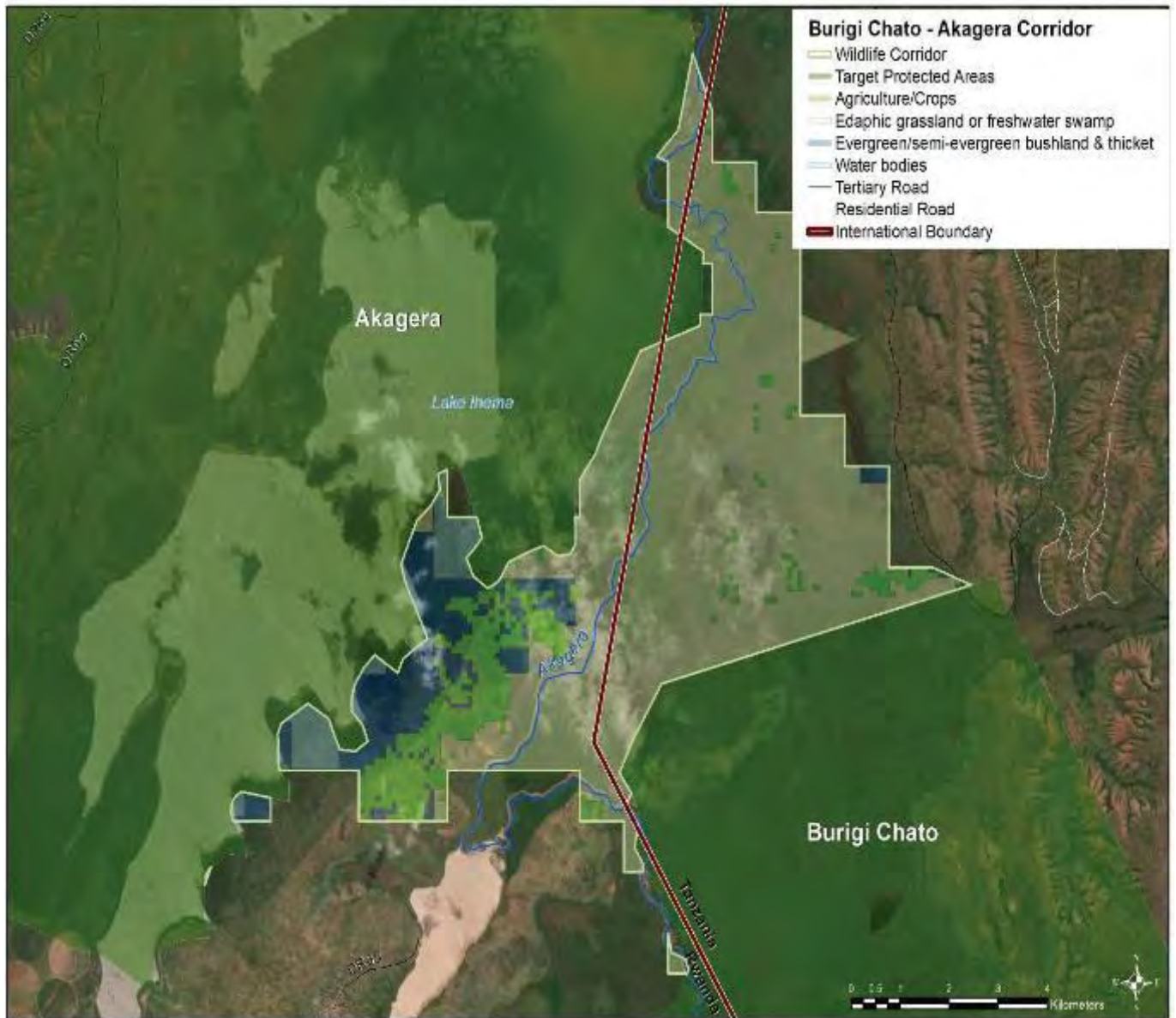
IUCN Listed Species whose range overlap the Baga - Kisima Gonja corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Oreochromis esculentus</i>	CR	Possibly Extant & Introduced (resident)	2006	IUCN
<i>AMPHIBIA</i>				
<i>Afrivalus dorsimaculatus</i>	EN	Extant (resident)	2015	IUCN
<i>Arthroleptis fichika</i>	EN	Extant (resident)	2010	IUCN & CI
<i>Arthroleptis tanneri</i>	EN	Extant (resident)	2014	IUCN & CI
<i>Callulina kisiwamsitu</i>	EN	Extant (resident)	2013	IUCN & CI
<i>Leptopelis parkeri</i>	EN	Extant (resident)	2012	IUCN & CI
<i>Leptopelis uluguruensis</i>	NT	Extant (resident)	2015	IUCN
<i>Leptopelis vermiculatus</i>	EN	Extant (resident)	2013	IUCN & CI
<i>Nectophrynoides vestergaardi</i>	EN	Extant (resident)	2014	IUCN & CI
<i>Phrynobatrachus krefftii</i>	EN	Extant (resident)	2012	IUCN & CI
<i>AVES</i>				
<i>Acrocephalus griseldis</i>	EN	Extant (non-breeding)	2003	BLI 2017
<i>Anthreptes reichenowi</i>	NT	Extant (resident)	2009	BLI 2016
<i>Anthreptes rubritorques</i>	VU		2016	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Cinnyris usambaricus</i>	NT		2016	BLI 2019
<i>Circaetus fasciolatus</i>	NT		2009	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco concolor</i>	VU		2019	BLI 2019
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Haematopus ostralegus</i>	NT	Extant (non-breeding)	2019	BLI 2019
<i>Limosa lapponica</i>	NT	Extant (passage)	2006	BLI 2016
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)	2017	BLI 2019
<i>Numenius arquata</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Phyllastrephus albigula</i>	NT		2016	BLI 2019
<i>Ploceus nicolli</i>	EN		1998	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Sheppardia gunningi</i>	NT		2016	BLI 2019
<i>Sheppardia montana</i>	EN		1998	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopus ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
<i>Turdus roehli</i>	NT		2016	BLI 2019
<i>Zosterops winifredae</i>	VU		2016	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Extant (resident)	2010	ODA
<i>Amanipodagrion gilliesi</i>	CR	Extant (resident)	2010	ODA
<i>Micromacromia miraculosa</i>	CR	Probably Extant (resident)	2010	ODA
<i>Nepogomphoides stuhlmanni</i>	VU	Probably Extant (resident)	2009	ODA
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
<i>Potamonautes infravallatus</i>	VU	Extant (resident)	2006	IUCN
<i>Potamonautes raybouldi</i>	VU	Extant (resident)	2006	IUCN
<i>Potamonautes xiphoidus</i>	VU	Probably Extant (resident)	2013	IUCN
MAMMALIA				

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Cephalophus spadix</i>	EN	Extant (resident)	2016	IUCN
<i>Crocidura tansaniana</i>	NT	Extant (resident)	2019	IUCN SSC - SMSG
<i>Crocidura usambarae</i>	VU	Extant (resident)	2017	IUCN SSC - SMSG
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera pardus</i>	VU	Extinct / Extant (resident)	2019	Gerngross, P.
<i>Paragalago orinus</i>	NT	Extant (resident)	2008	IUCN
<i>Rhinolophus deckenii</i>	NT	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Taphozous hildegardeae</i>	VU	Extant (resident)	2008	IUCN
REPTILIA				
<i>Afrotyphlops gierrai</i>	EN	Extant (resident)	2010	RLI & ZSL
<i>Agama montana</i>	VU	Extant (resident)	2013	IUCN
<i>Atheris ceratophora</i>	VU	Extant (resident)	2013	IUCN
<i>Elapsoidea nigra</i>	EN	Extant (resident)	2008	RLI & ZSL
<i>Kinyongia multituberculata</i>	EN	Extant (resident)	2014	IUCN
<i>Lygodactylus gravis</i>	VU	Extant (resident)	2010	RLI & ZSL
<i>Rhampholeon spinosus</i>	EN	Extant (resident)	2014	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Burigi Chato - Akagera (Rwanda)



Summary of Results for Conservation Value Criteria for Burigi Chato - Akagera					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	134	28	12		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	0	573,487	0%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	471,396	102,091	Medium - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	6176	89	11	672	0
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	33.8	1128	1773	645	27
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	52	0	52	TAWIRI report	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	19673	3880	23553	5245	449%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	6176	89	11	672	0
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	3.37	100	96.63	11093.2	41.392
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	61.76	0.183	0.0030	0.0000	0.0000
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	6	1	1		

Vegetation and Land Cover Burigi Chato - Akagera Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

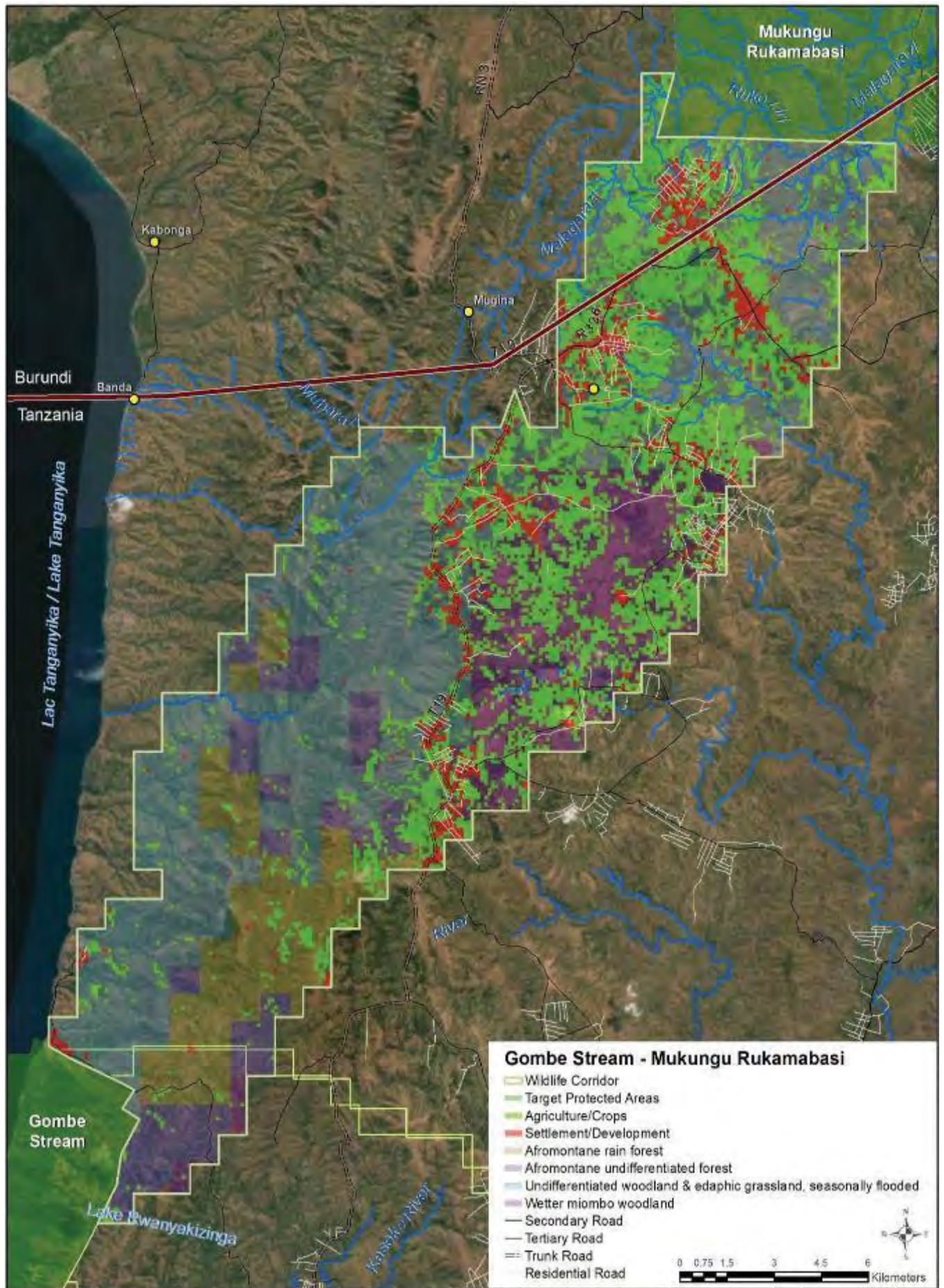
Vegetation / Land Cover Type	Hectares
Evergreen and semi-evergreen bushland and thicket	691
Water bodies	223
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	4,590
Agriculture/Crops	672

IUCN Listed Species whose range overlap the Burigi Chato - Akagera corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Labeo victorianus</i>	CR	Extant (resident)	2016	FishBase
<i>Labeobarbus acuticeps</i>	NT	Possibly Extant (resident)	2016	FishBase
<i>Oreochromis variabilis</i>	CR	Extant (resident)	2006	IUCN
<i>Synodontis ruandae</i>	VU	Possibly Extant (resident)	2016	FishBase
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calamonastides gracillirostris</i>	VU	Extant (resident)	2016	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Lybius rubrifacies</i>	NT		2009	BLI 2019
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extinct	2017	BLI 2019
<i>Neotis denhami</i>	NT		2013	BLI 2019
<i>Numenius arquata</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Scleroptila streptophora</i>	NT		2007	BLI 2019
<i>Stephanoaetus coronatus</i>	NT		2006	BLI 2019
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trionoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Agriocnemis palaeforma</i>	VU	Extant (resident)	2016	IUCN
MAMMALIA				
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera pardus</i>	VU	Extant (resident)/Possible Extinct	2019	Gerngross, P.
<i>Phataginus tricuspis</i>	EN	Extant (resident)	2019	IUCN SSC - PSG
<i>Smutsia gigantea</i>	EN	Extant (resident)	2019	IUCN SSC - PSG
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Cyperus afroalpinus</i>	NT	Probably Extant (resident)	2010	IUCN

Gombe Stream - Mukungu-Rukamabasi (Burundi)



Summary of Results for Conservation Value Criteria for Gombe - Rukamabasi					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	68	7	6		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	18153	24,171	75%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	5,827	18,345	Small - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	31643	68	32	8354	1894
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	31.3	728	1756	1028	31
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	38	0	38	Pintea et al. JGI, Mjungu et al. in Debonnet & Nindi 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	105512	1549	107060	39701	270%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	31643	68	32	8354	1894
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	27.14	100	72.86	28085.87	60.399
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	316.43	254.083	0.8030	0.8276	6.4308
Threat from Invasive Species	Invasive Species Count 10				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	0	1	2		

Vegetation and Land Cover Gombe Stream - Rukamabasi Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

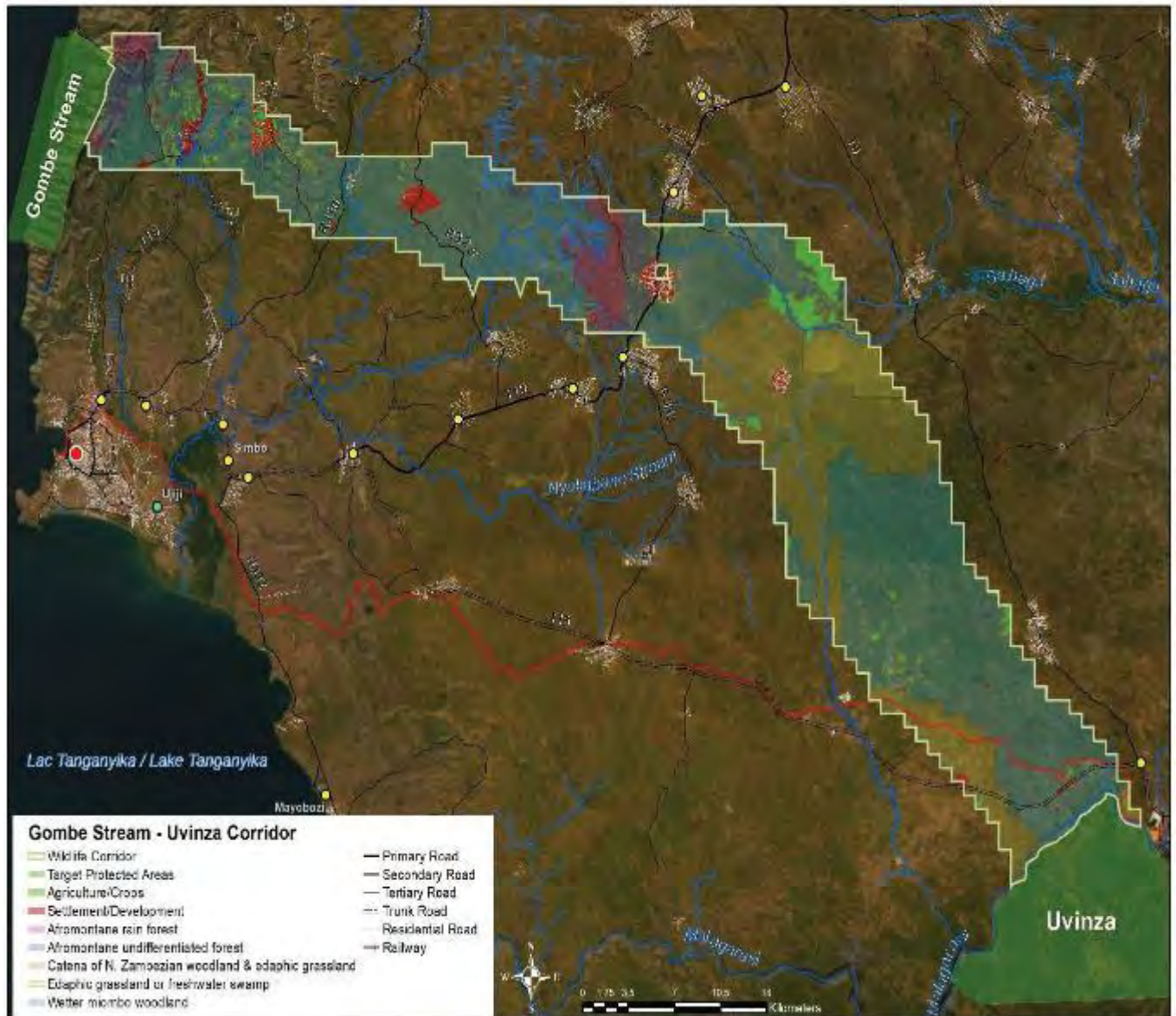
Vegetation / Land Cover Type	Hectares
Afromontane rain forest	3,170
Afromontane undifferentiated forest	2,211
Wetter miombo woodland	3,322
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	12,520
Agriculture/Crops	8,354
Settlement/Development	1,894

IUCN Listed species whose range overlap the Gombe Stream - Rukamabasi corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Clariallabes mutsindoziensis</i>	EN	Extant (resident)	2006	IUCN
<i>Enteromius quadralineatus</i>	EN	Extant (resident)	2006	IUCN
<i>Orthochromis luichensis</i>	VU	Extant (resident)	2006	IUCN
<i>Orthochromis mazimeroensis</i>	EN	Probably Extant (resident)	2006	IUCN
<i>Orthochromis mosoensis</i>	EN	Extant (resident)	2006	IUCN
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extinct	2017	BLI 2017
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Psittacus erithacus</i>	EN	Extant (resident)	2018	BLI 2018
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
MAMMALIA				
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Pan troglodytes</i>	EN	Extant (resident)	2018	IUCN
<i>Panthera pardus</i>	VU	Extant (resident)/Extinct	2019	Gerngross, P.
<i>Phataginus tricuspis</i>	EN	Extant (resident)	2019	IUCN SSC - PSG
<i>Piliocolobus tephrosceles</i>	EN	Extant (resident)	2020	Red Colobus CAP 2020-2025
<i>Smutsia gigantea</i>	EN	Extant (resident)	2019	IUCN SSC - PSG
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Gombe Stream – Uvinza



Summary of Results for Conservation Value Criteria for Gombe - Uvinza					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	78	12	11		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	4573	22,292	21%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	5,827	16,465	Small - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	86126	93	7	4636	1537
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	27.5	728	1482	754	24
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	44	0	44	Pintea, Mjungu et al. JGI	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	255041		255041	99202	257%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	86126	93	7	4636	1537
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	14.83	100	85.17	74825.56	46.591
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	861.26	228.409	0.2652	0.2606	8.4213
Threat from Invasive Species	Invasive Species Count 29				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	79	5	5		

Vegetation and Land Cover Gombe Stream - Uvinza Corridor. Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019

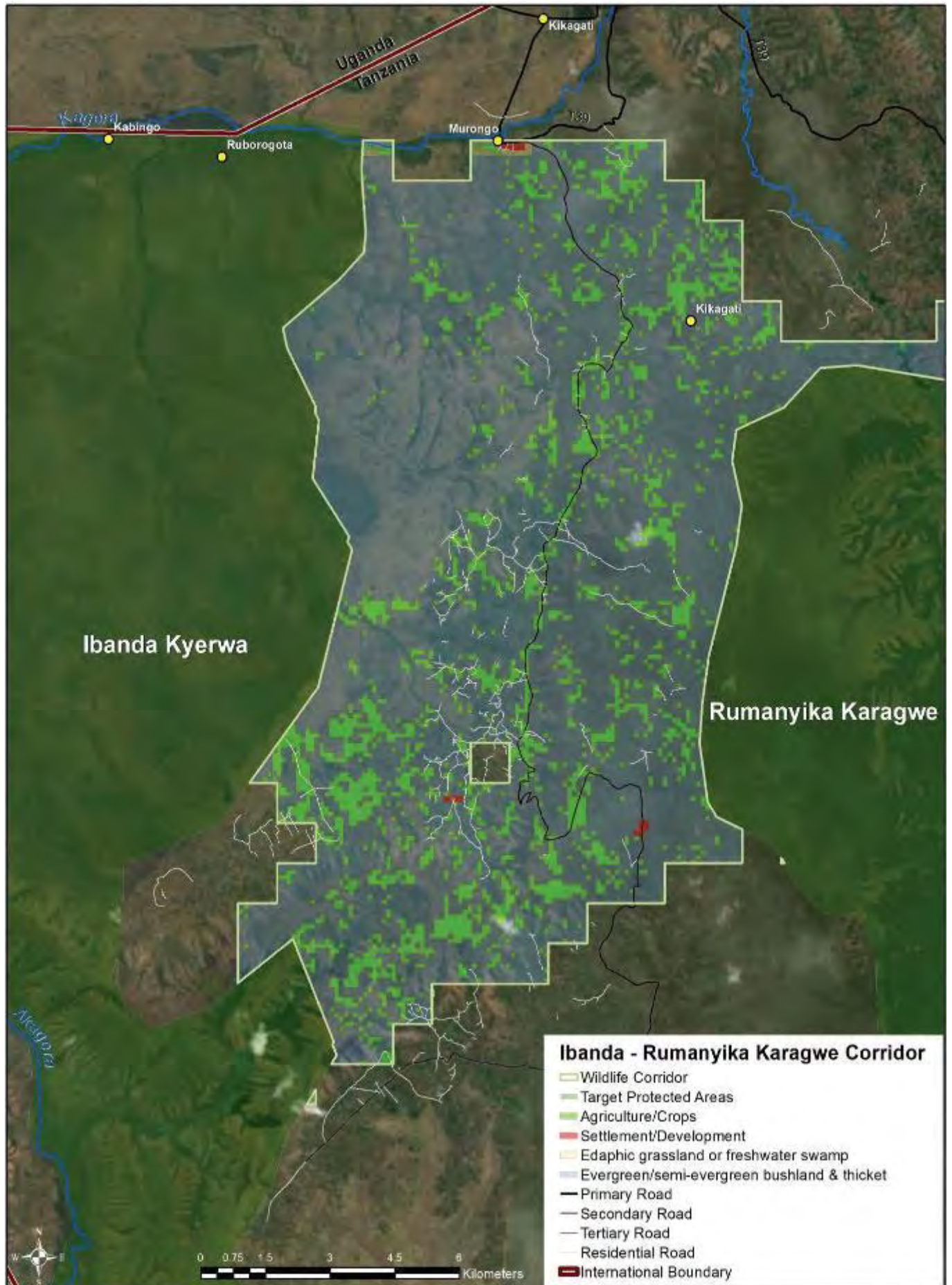
Vegetation / Land Cover Type	Hectares
Afromontane rain forest	3,048
Wetter miombo woodland	52,159
Catena of North Zambeian Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	18,285
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	0
Agriculture/Crops	4,636
Settlement/Development	1,537
Afromontane undifferentiated forest	3,999
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	2,462

IUCN Listed Species whose range overlaps the Gombe Stream - Uvinza corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Clariallabes mutsindoziensis</i>	EN	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
<i>Neolamprologus devosi</i>	VU	Extant (resident)	2007	RLI & ZSL
<i>Oreochromis karomo</i>	CR	Extant (resident)	2006	IUCN
<i>Orthochromis kasuluensis</i>	EN	Extant (resident)	2006	IUCN
<i>Orthochromis luichensis</i>	VU	Extant (resident)	2006	IUCN
<i>Orthochromis malagaraziensis</i>	VU	Extant (resident)	2006	IUCN
<i>Orthochromis uvinzae</i>	CR	Extant (resident)	2006	IUCN
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeola idae</i>	EN		2010	BLI 2019
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps africanus</i>	CR	Extinct	2017	BLI 2017
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Phoeniconalax minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Scleroptila streptophora</i>	NT		2007	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
MAMMALIA				
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Pan troglodytes</i>	EN	Extant (resident)	2018	IUCN
<i>Panthera pardus</i>	VU	Extant (resident)/Extinct	2019	Gerngross, P.
<i>Panthera pardus</i>	VU	Extinct	2019	Gerngross, P.
<i>Phataginus tricuspis</i>	EN	Extant (resident)	2019	IUCN SSC - PSG
<i>Piliocolobus tephrosceles</i>	EN	Extant (resident)	2020	Red Colobus CAP 2020-2025
<i>Smutsia gigantea</i>	EN	Extant (resident)	2019	IUCN SSC - PSG
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Ibanda – Rumanyika Karagwe



Summary of Results for Conservation Value Criteria for Ibanda – Rumanyika Karagwe					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	58	1	11		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	0	54,420	0%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	29,866	24,554	Small - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	18212	82	18	3228	23
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	22.5	1260	1866	606	16
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	54	0	54	TANAPA and DGO Reports	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	675		675	11172	6%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	18212	82	18	3228	23
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	10.02	100	89.98	23541.53	61.951
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	182.12	112.389	0.6171	0.6313	3.9843
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	0	1	1		

Vegetation and Land Cover Ibanda - Rumanyika Karagwe Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

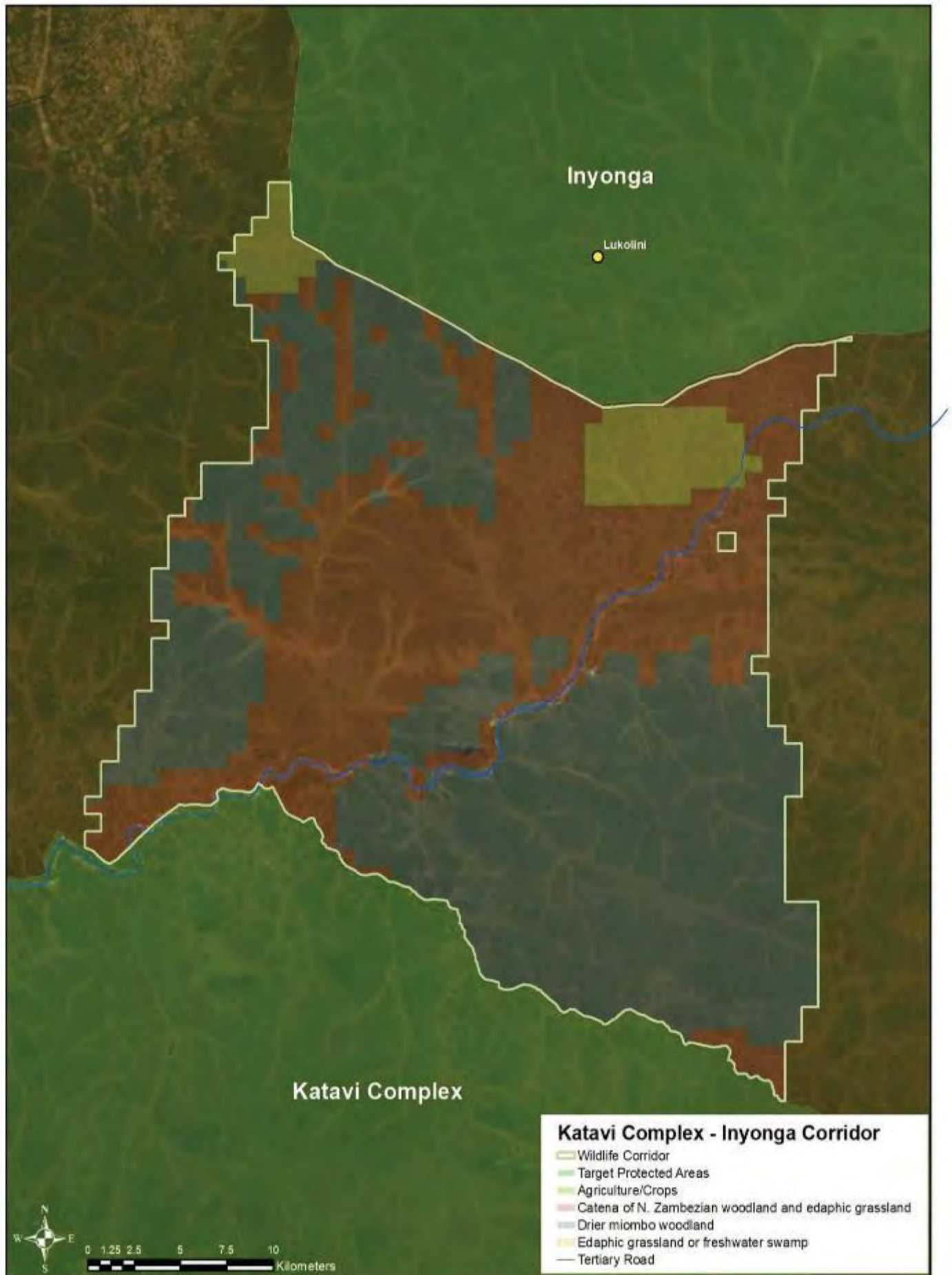
Vegetation / Land Cover Type	Hectares
Evergreen and semi-evergreen bushland and thicket	14,912
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	49
Agriculture/Crops	3,228
Settlement/Development	23

IUCN Listed Species whose range overlaps the Ibanda - Rumanyika Karagwe corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Labeo victorianus</i>	CR	Extant (resident)	2016	FishBase
<i>Labeobarbus acuticeps</i>	NT	Possibly Extant (resident)	2016	FishBase
<i>Oreochromis variabilis</i>	CR	Extant (resident)	2006	IUCN
<i>Synodontis ruandae</i>	VU	Possibly Extant (resident)	2016	FishBase
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calamonastides gracilirostris</i>	VU	Possibly Extant (resident)	1999	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Laniarius mufumbiri</i>	NT	Extant (resident)	2009	BLI 2016
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Lybius rubrifacies</i>	NT		2009	BLI 2019
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extinct	2017	BLI 2019
<i>Neotis denhami</i>	NT		2013	BLI 2019
<i>Numenius arquata</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Scleroptila streptophora</i>	NT		2007	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Agriocnemis palaeforma</i>	VU	Extant (resident)	2016	IUCN
<i>Stenocypha molindica</i>	NT	Extant (resident)	2016	ODA
MAMMALIA				
<i>Ceratotherium simum</i>	NT	Extant & Assisted Colonisation (resident)	2020	IUCN
<i>Ceratotherium simum ssp. simum</i>	NT	Extant & Assisted Colonisation (resident)	2020	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Possibly Extant (resident)	1979	IUCN/SSC - AESG
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Phataginus tricuspis</i>	EN	Extant (resident)	2019	IUCN SSC - PSG
<i>Smutsia gigantea</i>	EN	Extant (resident)	2019	IUCN SSC - PSG
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Carpha angustissima</i>	EN	Extant (resident)	2016	IUCN
<i>Cyperus afroalpinus</i>	NT	Probably Extant (resident)	2010	IUCN

Katavi Complex - Inyonga



Summary of Results for Conservation Value Criteria for Katavi Complex - Inyonga					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	68	16	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	280979	2,201,331	13%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	1,549,760	651,571	Large - Medium		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	103350	99.995	0.005	5	0
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	61.3	798	2001	1203	51
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	48	0	48		
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	48988		48988	31537	155%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	103350	99.995	0.005	5	0
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	2.01	100	97.99	7597.63	10.700
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	1033.50	0.000	0.0000	0.0000	0.0000
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	63	5	3		

Vegetation and Land Cover Katavi Complex - Inyonga Corridor (Sources: van Bruegele et al. 2015 and Buchhorn et al. 2019)

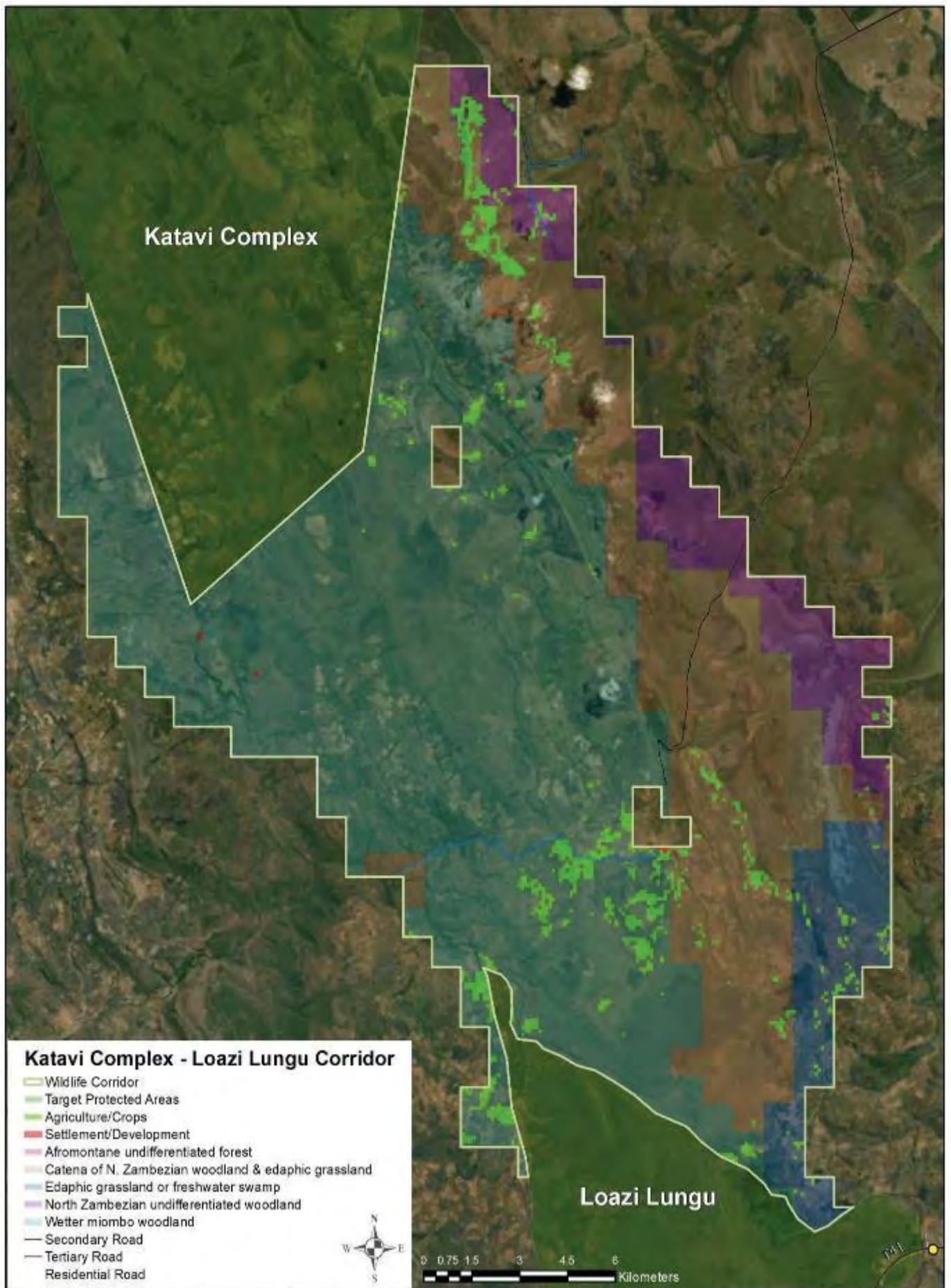
Vegetation / Land Cover Type	Hectares
Drier miombo woodland	55,490
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	42,182
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	5,673
Agriculture/Crops	5

IUCN Listed Species whose range overlap the Katavi Complex - Inyonga corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Chiloglanis mbozi</i>	VU	Extant (resident)	2006	IUCN
<i>Chiloglanis rukwaensis</i>	VU	Extant (resident)	2006	IUCN
<i>Enteromius pseudotoppini</i>	VU	Extant (resident)	2006	IUCN
<i>Oreochromis rukwaensis</i>	VU	Extant (resident)	2006	IUCN
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extinct	2017	BLI 2019
<i>Neotis denhami</i>	NT		2013	BLI 2019
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trionoiceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2002	IUCN/SSC - AESG
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Katavi Complex - Loazi Lungu



Summary of Results for Conservation Value Criteria for Katavi Complex - Loazi Lungu					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	74	17	16		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	330371	1,599,132	21%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	1,549,760	49,372	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	41029	96.5	3.5	1428	13
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	71.3	798	2001	1203	56
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	50	0	50	Davenport and Games in Debonnet & Nindi 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	11903		11903	18282	65%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	41029	96.5	3.5	1428	13
Human Influence in the Corridor	Minimum	Maximum	Range	Sum	Mean
	7.18	100	92.82	22894.07	31.5340
Existing and Planned Density of Infrastructure	Corridor Area km2	km of linear infrastructure	km of linear infrastructure per km2	Mean Density	Maximum
	410.29	9.024	0.0220	0.0232	0.9064
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	84	5	2		

Vegetation and Land Cover Katavi Complex - Loazi Lungu Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

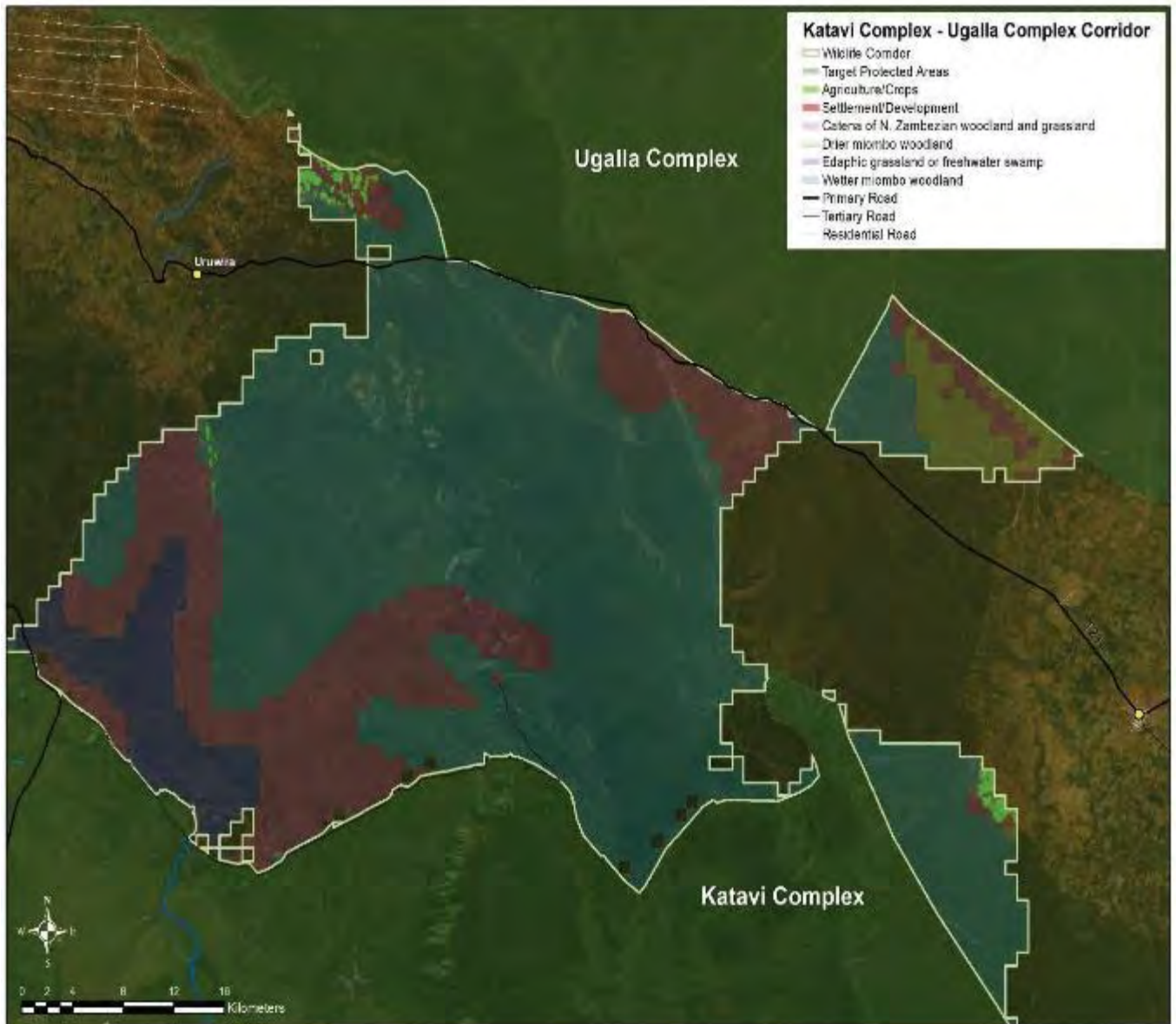
Vegetation / Land Cover Type	Hectares
Afromontane undifferentiated forest	0.5
North Zambezi undifferentiated woodland	3,252
Wetter miombo woodland	24,106
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	10,011
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	2,220
Agriculture/Crops	1,428
Settlement/Development	13

IUCN listed species whose range overlaps the Katavi Complex - Loazi Lungu corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Chiloglanis kalambo</i>	VU	Extant (resident)	2006	IUCN
<i>Chiloglanis mbozi</i>	VU	Extant (resident)	2006	IUCN
<i>Chiloglanis rukwaensis</i>	VU	Extant (resident)	2006	IUCN
<i>Haplochromis katavi</i>	VU	Extant (resident)	2006	IUCN
<i>Neolamprologus christyi</i>	VU	Extant (resident)	2006	IUCN
<i>Neolamprologus schreyeni</i>	VU	Extant (resident)	2006	IUCN
<i>Oreochromis rukwaensis</i>	VU	Extant (resident)	2006	IUCN
<i>Simochromis margaretae</i>	VU	Extant (resident)	2006	IUCN
<i>Simochromis marginatus</i>	VU	Extant (resident)	2006	IUCN
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extinct	2017	BLI 2017
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neotis denhami</i>	NT		2013	BLI 2019
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Pan troglodytes</i>	EN	Extant (resident)	2018	IUCN
<i>Panthera pardus</i>	VU	Possibly Extinct	2019	Gerngross, P.
<i>Smutsia gigantea</i>	EN	Extant (resident)	2019	IUCN SSC - PSG
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
MAGNOLIOPSIDA				
<i>Genlisea angolensis</i>	EN	Probably Extant (resident)	2010	IUCN
<i>Nymphoides tenuissima</i>	EN	Extant (resident)	2016	IUCN
<i>Rotala fontinalis</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Utricularia bracteata</i>	NT	Probably Extant (resident)	2010	IUCN

Katavi Complex - Ugalla Complex



Summary of Results for Conservation Value Criteria for Katavi Complex - Ugalla Complex					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	78	22	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	559528	3,277,790	17%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	1,549,760	1,728,030	Large - Large		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	200931	99.4	0.6	1180	28
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	82.5	798	2001	1203	61
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	54	5	59	Vultures (Bracebridge and Kendall WCS NCZ)	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	4490		4490	36436	12%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	200931	99.4	0.6	1180	28
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	2.51	100	97.49	34443.45	21.594
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	2009.31	76.399	0.0380	0.0458	1.2755
Threat from Invasive Species	Invasive Species Count				
	0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	36	1	2		

Vegetation and Land Cover Katavi Complex - Ugalla Complex Corridor. (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

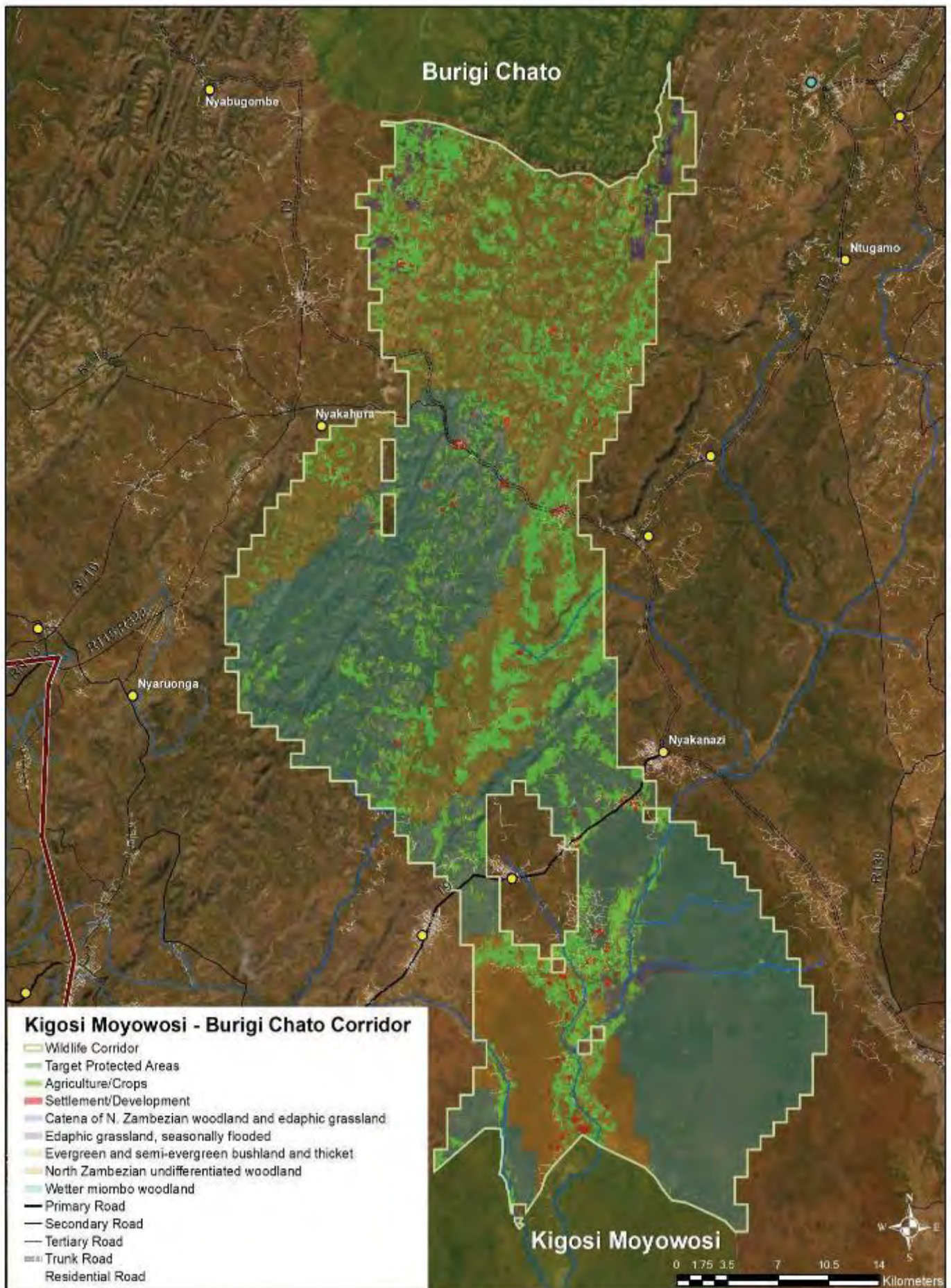
Vegetation / Land Cover Type	Hectares
Wetter miombo woodland	135,566
Drier miombo woodland	5,785
Catena of North Zambebian Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	44,588
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	13,785
Agriculture/Crops	1,180
Settlement/Development	28

IUCN listed species whose range distributions overlap the Katavi Complex - Ugalla Complex corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Chiloglanis mbozi</i>	VU	Extant (resident)	2006	IUCN
<i>Chiloglanis rukwaensis</i>	VU	Extant (resident)	2006	IUCN
<i>Clariallabes mutsindoziensis</i>	EN	Extant (resident)	2006	IUCN
<i>Enteromius quadrilineatus</i>	EN	Extant (resident)	2006	IUCN
<i>Haplochromis katavi</i>	VU	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
<i>Nothobranchius rungwaensis</i>	VU	Extant (resident)	2019	IUCN
<i>Oreochromis rukwaensis</i>	VU	Extant (resident)	2006	IUCN
<i>Orthochromis rubrolabialis</i>	EN	Extant (resident)	2006	IUCN
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)	2017	BLI 2019
<i>Neotis denhami</i>	NT		2013	BLI 2019
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	1999	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)/Possibly Extinct	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Kigosi Moyowosi – Burigi Chato



Summary of Results for Conservation Value Criteria for Kigosi Moyowosi - Burigi Chato					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	137	31	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	979610	2,550,806	38%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	2,079,410	471,396	Large - Medium		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	141506	81.4	18.6	25496	783
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	67.5	1055	1715	660	44
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	53	3	56	Vultures (Bracebridge and Kendall WCS NCZ)	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	0		0		
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	141506	81.4	18.6	25496	783
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	5.01	100	94.99	53027.6	35.047
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	1415.06	312.053	0.2205	0.2329	6.0887
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	0	1	3		

Vegetation and Land Cover Kigosi Moyowosi - Burigi Chato Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

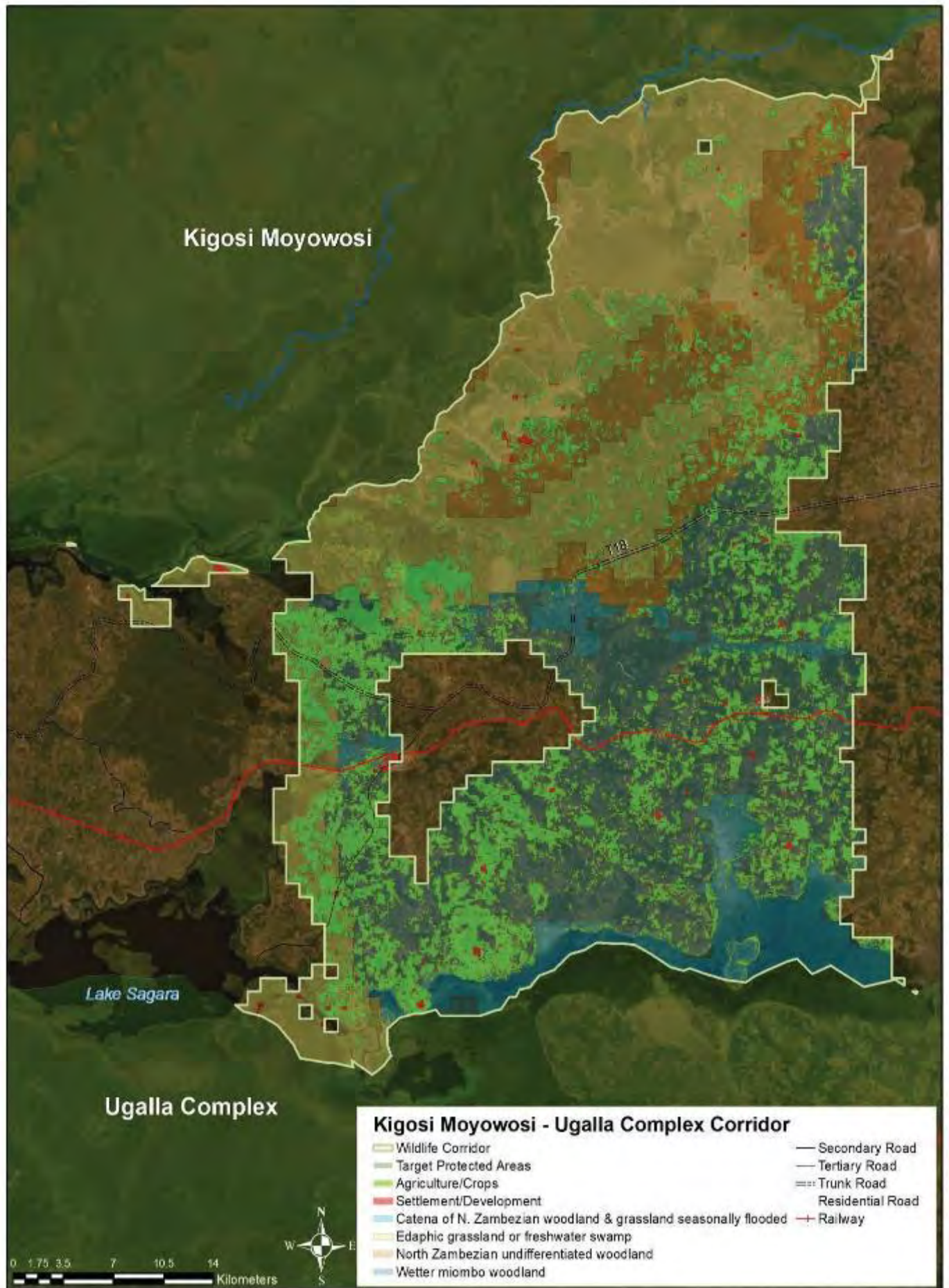
Vegetation / Land Cover Type	Hectares
Evergreen and semi-evergreen bushland and thicket	40,750
North Zambezi undifferentiated woodland	9,168
Wetter miombo woodland	62,365
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	1,004
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	1,940
Agriculture/Crops	25,496
Settlement/Development	783

IUCN listed species whose range distributions overlap the Kigosi Moyowosi - Burigi Chato corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Enteromius quadralineatus</i>	EN	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
<i>Oreochromis esculentus</i>	CR	Extant (resident)	2006	IUCN
<i>Oreochromis variabilis</i>	CR	Extant (resident)	2006	IUCN
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calamonastides gracillirostris</i>	VU	Possibly Extant (resident)	1999	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Lybius rubrifacies</i>	NT		2009	BLI 2019
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neotis denhami</i>	NT		2013	BLI 2019
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Scleroptila streptophora</i>	NT		2007	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopus ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2000	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Kigosi Moyowosi - Ugalla Complex



Summary of Results for Conservation Value Criteria for Kigosi Moyowosi - Ugalla Complex					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	63	11	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	1257830	3,807,440	33%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	2,079,410	1,728,030	Large - Large		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	183555	78.7	21	39047	599
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	88.8	1044	1691	647	54
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	50	4	54	Bracebridge and Kendall WCS NCZ, Kalumanga 2015, Kalumanga and von Oertzen in Debonnet & Nindi 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	23563	4722	28285	47055	60%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	183555	78.7	21	39047	599
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	0	68.12	68.12	22281.28	20.784
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	1835.55	101.397	0.0552	0.0565	1.8200
Threat from Invasive Species	Invasive Species Count				
	0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	79	5	3		

Vegetation and Land Cover Kigosi Moyowosi - Ugalla Complex Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

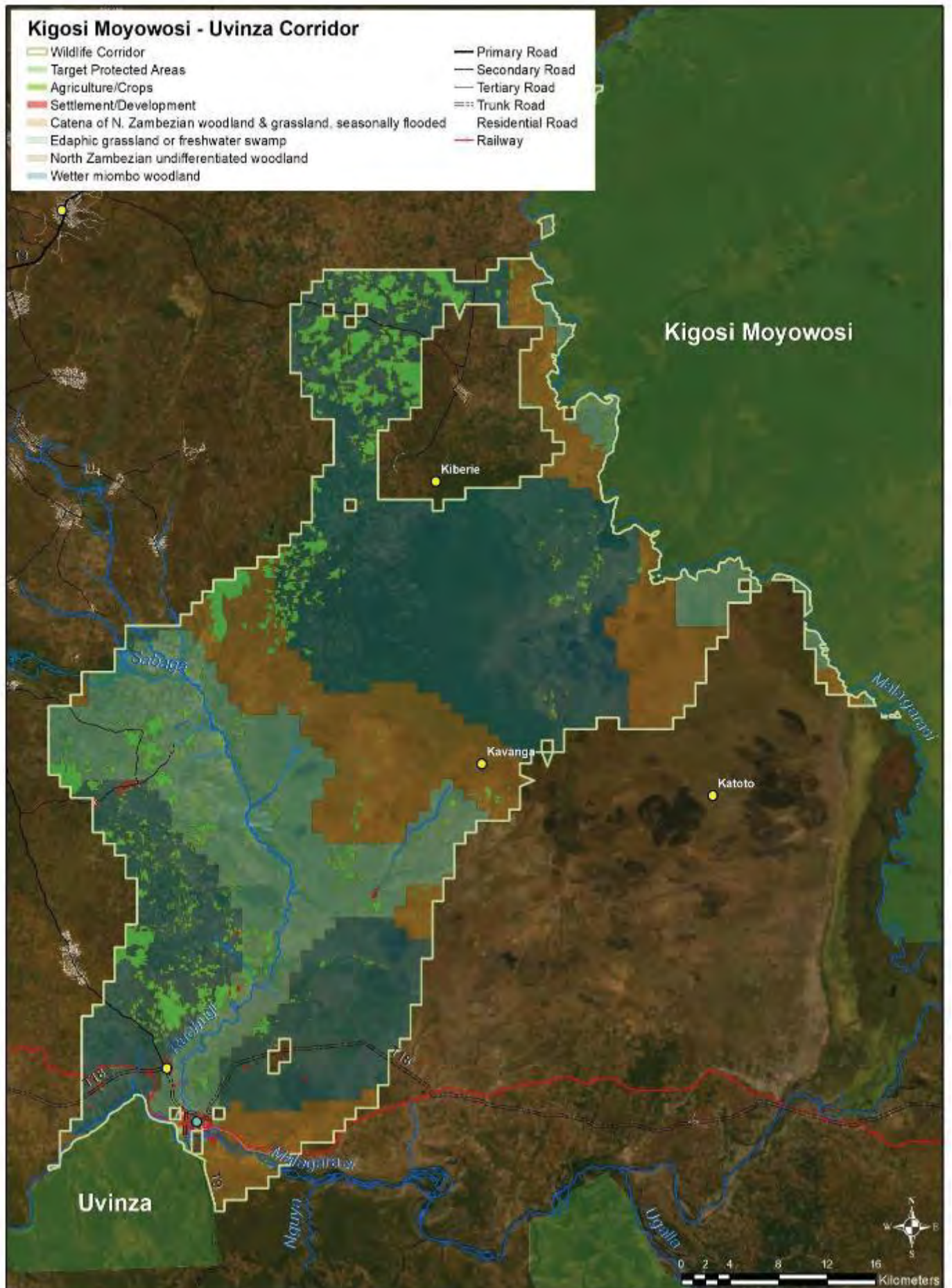
Vegetation / Land Cover Type	Hectares
North Zambezi undifferentiated woodland	19,964
Wetter miombo woodland	50,230
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	16,065
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	57,650
Agriculture/Crops	39,047
Settlement/Development	599

IUCN listed species whose range overlaps the Kigosi Moyowosi - Ugalla Complex corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Clariallabes mutsindoziensis</i>	EN	Extant (resident)	2006	IUCN
<i>Enteromius quadralineatus</i>	EN	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
<i>Orthochromis rubrolabialis</i>	EN	Extant (resident)	2006	IUCN
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calamonastides gracillirostris</i>	VU	Possibly Extant (resident)	1999	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neotis denhami</i>	NT		2013	BLI 2019
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2006	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Kigosi Moyowosi - Uvinza



Summary of Results for Conservation Value Criteria for Kigosi Moyowosi - Uvinza					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	58	9	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	976137	2,095,875	47%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	2,079,410	16,465	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	195089	92.7	7.3	13052	614
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	60.0	988	1546	558	35
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	53	1	54	Vultures (Bracebridge and Kendall WCS NCZ)	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	228963	11581	240544	64720	372%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	195089	92.7	7.3	13052	614
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	2.65	100	97.35	57943.04	29.608
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	1950.89	113.501	0.0582	0.0594	3.8524
Threat from Invasive Species	Invasive Species Count 19				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	93	5	4		

Vegetation and Land Cover Kigosi Moyowosi - Uvinza Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

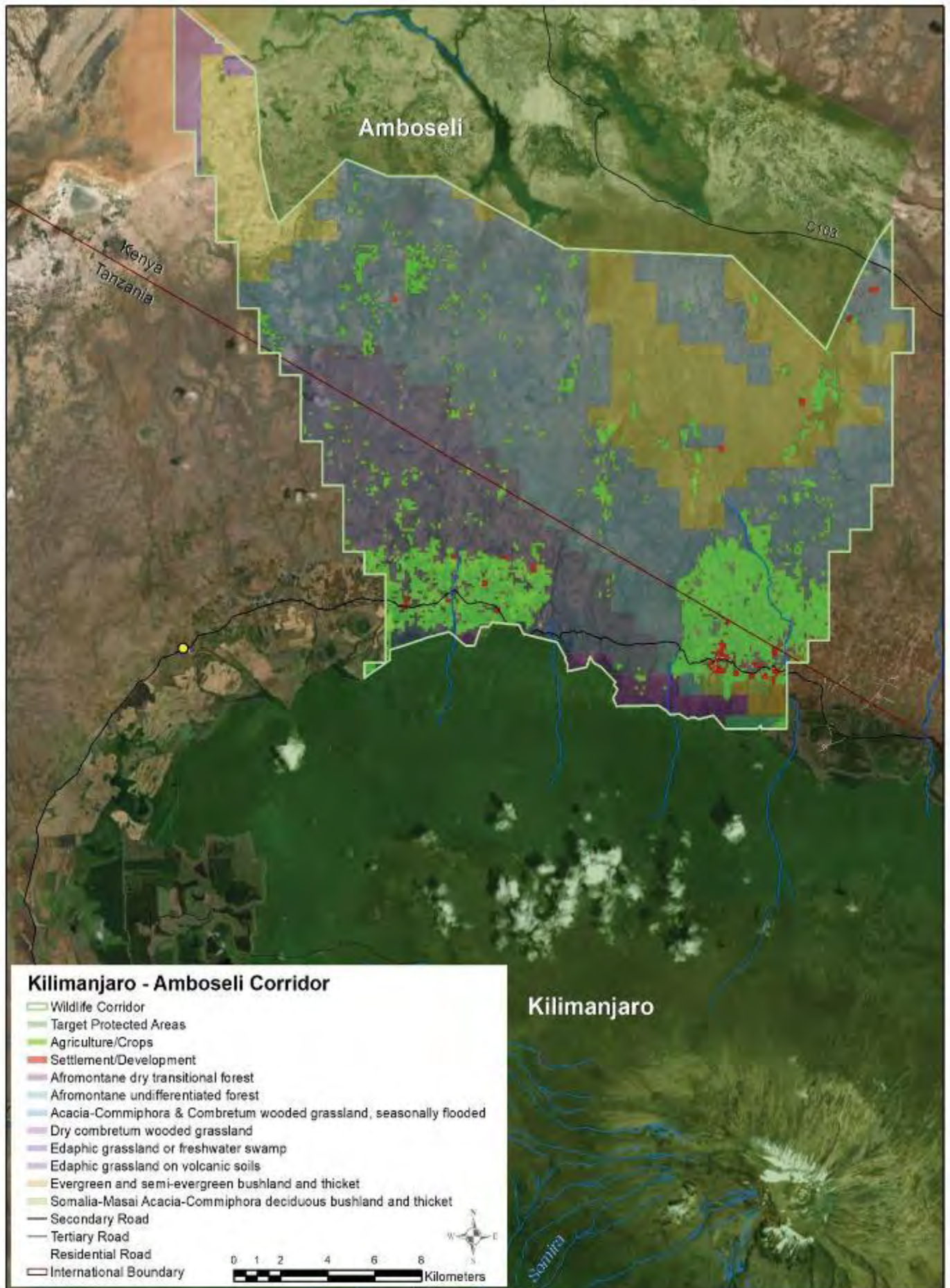
Vegetation / Land Cover Type	Hectares
North Zambezi undifferentiated woodland	73
Wetter miombo woodland	92,212
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	42,078
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	47,060
Agriculture/Crops	13,052
Settlement/Development	614

IUCN listed species whose range overlaps the Kigosi Moyowosi - Uvinza corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Clariallabes mutsindoziensis</i>	EN	Extant (resident)	2006	IUCN
<i>Enteromius quadrilineatus</i>	EN	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
<i>Neolamprologus devosi</i>	VU	Extant (resident)	2007	RLI & ZSL
<i>Oreochromis karomo</i>	CR	Extant (resident)	2006	IUCN
<i>Orthochromis kasuluensis</i>	EN	Extant (resident)	2006	IUCN
<i>Orthochromis malagaraziensis</i>	VU	Extant (resident)	2006	IUCN
<i>Orthochromis uvinzae</i>	CR	Extant (resident)	2006	IUCN
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neotis denhami</i>	NT		2013	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Phoeniconalax minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Scleroptila streptophora</i>	NT		2007	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2006	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Pan troglodytes</i>	EN	Extant (resident)	2018	IUCN
<i>Panthera leo</i>	VU	Extant (resident)/Possibly Extinct	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Smutsia gigantea</i>	EN	Extant (resident)	2019	IUCN SSC - PSG
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Kilimanjaro - Amboseli (Kenya)



Summary of Results for Conservation Value Criteria for Kilimanjaro - Amboseli					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	85	14	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	166054	205,042	81%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	166,054	38,989	Small - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	44707	86.7	13.3	5603	166
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	47.5	1124	5780	4656	74
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	69		69	BCI, Kikoti, TAWIRI, OIKOS, AWF, Masenga et al. 2016, Mallya et al. in Debonnet & Nindi 2017, Ojwang' et al. 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	26510		26510	17100	155%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	44707	86.7	13.3	5603	166
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	7.17	100	92.83	21405	43.595
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	447.07	32.703	0.0732	0.0694	2.0482
Threat from Invasive Species	Invasive Species Count				
	0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	437	10	3		

Vegetation and Land Cover Kilimanjaro - Amboseli Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

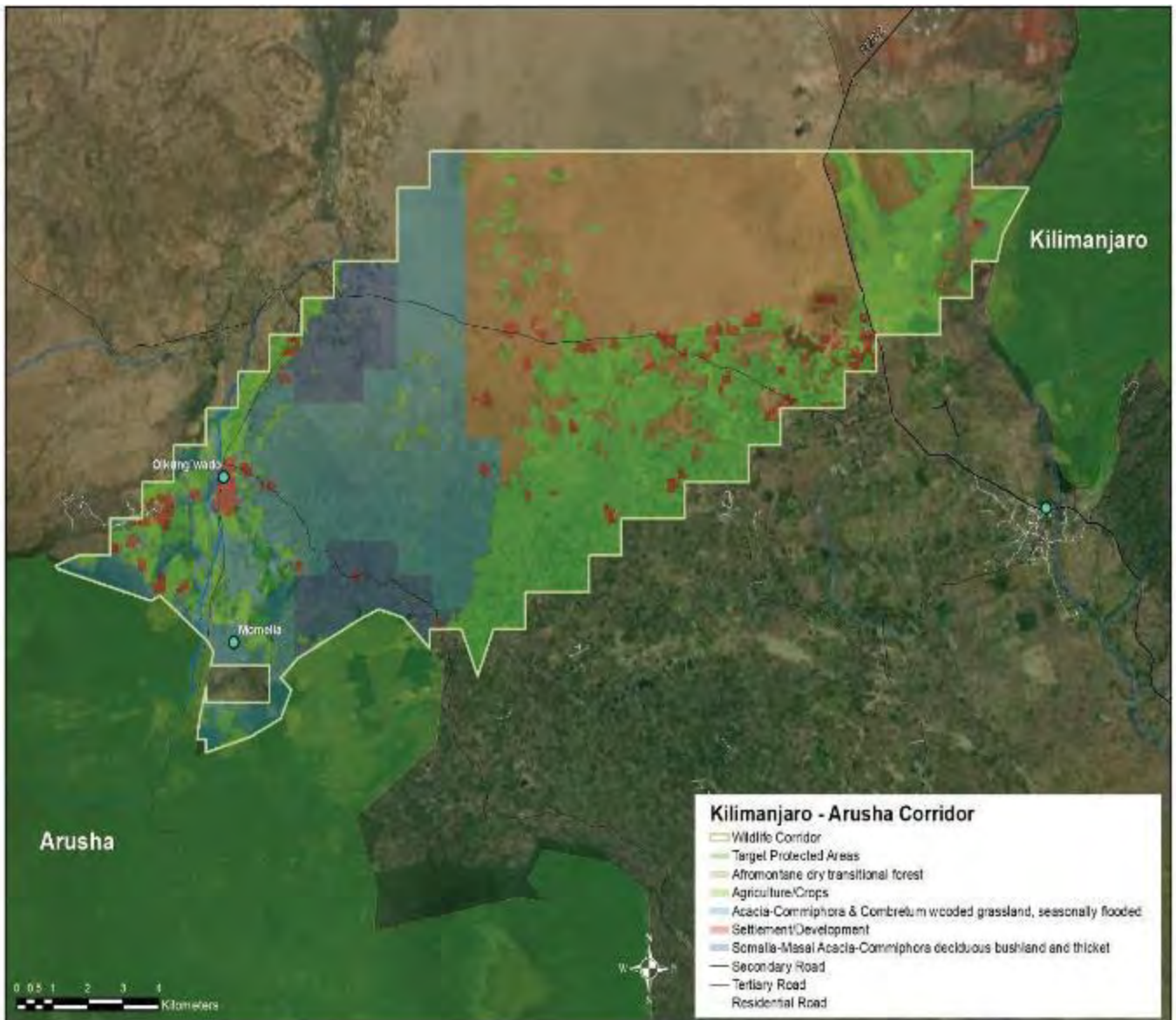
Vegetation / Land Cover Type	Hectares
Afromontane undifferentiated forest	117
Afromontane dry transitional forest	773
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	9,911
Evergreen and semi-evergreen bushland and thicket	210
Edaphic grassland on volcanic soils	7,923
Dry combretum wooded grassland	73
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	758
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	19,173
Agriculture/Crops	5,603
Settlement/Development	166

IUCN listed species whose range overlaps the Kilimanjaro - Amboseli (Kenya) corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Enteromius amboseli</i>	EN	Possibly Extant (resident)	2020	IUCN
<i>Haplochromis sp. nov. 'Amboseli'</i>	CR	Extant (resident)	2004	IUCN
<i>Marcusenius sp. nov. 'Malindi'</i>	VU	Extant (resident)	2004	IUCN
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Aquila heliaca</i>	VU	Extant (non-breeding)	2019	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco cherrug</i>	EN	Extant (non-breeding)	2014	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Possibly Extinct/Extant (Resident)	2017	BLI 2017
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)	2017	BLI 2019
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Poeyoptera femoralis</i>	VU		1998	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Pseudagrion bicoerulans</i>	VU	Extant (resident)	2016	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Cephalophus spadix</i>	EN	Extant (resident)	2016	IUCN
<i>Ceratotherium simum</i>	NT	Extant & Assisted Colonisation (resident)	2020	IUCN
<i>Ceratotherium simum ssp. cottoni</i>	CR	Extant & Assisted Colonisation (resident)	2020	IUCN
<i>Ceratotherium simum ssp. simum</i>	NT	Extant & Assisted Colonisation (resident)	2020	IUCN
<i>Crocidura allea</i>	VU	Extant (resident)	2008	IUCN
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Litocranius walleri</i>	NT	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Possibly Extant (resident)	2002	IUCN/SSC - AESG
<i>Loxodonta africana</i>	VU	Extant (resident)	2003	IUCN/SSC - AESG
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Redunca fulvorufula</i>	EN	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Kinyongia tavetana</i>	NT	Extant (resident)	2014	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Carex monostachya</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Carex phragmitoides</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Lagarosiphon hydrilloides</i>	EN	Extant (resident)	2016	IUCN



Summary of Results for Conservation Value Criteria for Kilimanjaro - Arusha					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	83	15	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	197340	197,781	100%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	166,054	31,727	Small - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	19102	64	36	6247	503
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	57.5	1192	5780	4588	79
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	66		66	TANAPA working reports	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	11327	5133	16461	27873	59%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	19102	64	36	6247	503
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	26.7	100	73.3	29144.89	66.846
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	191.03	39.243	0.2054	0.2104	1.0598
Threat from Invasive Species	Invasive Species Count 1				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	408	10	2		

Vegetation and Land Cover Kilimanjaro - Arusha Corridor. Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019

Vegetation / Land Cover Type	Hectares
Afromontane dry transitional forest	5,909
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	1,457
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	4,986
Agriculture/Crops	6,247
Settlement/Development	503

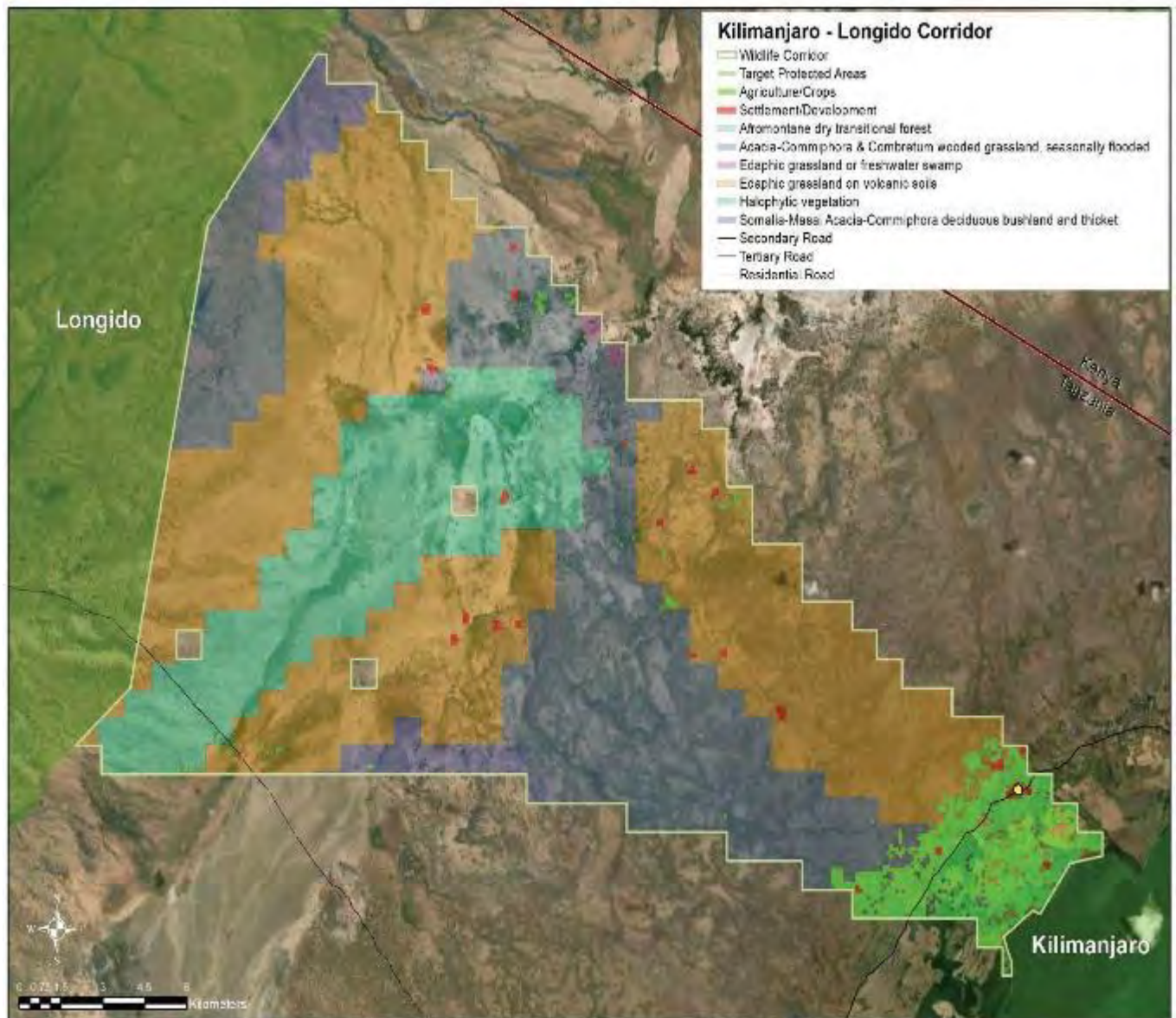
IUCN listed species whose range overlaps the Kilimanjaro - Arusha corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Haplochromis sp. nov. 'Amboseli'</i>	CR	Extant (resident)	2004	IUCN
<i>Oreochromis variabilis</i>	CR	Extant (resident)	2006	IUCN
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Aquila heliaca</i>	VU	Extant (non-breeding)	2019	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco cherrug</i>	EN	Extant (non-breeding)	2014	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)	2017	BLI 2019
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Poeyoptera femoralis</i>	VU		1998	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopus ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Extant (resident)	2010	ODA
<i>Pseudagrion bicoerulans</i>	VU	Extant (resident)	2016	IUCN
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
MAMMALIA				
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Cephalophus spadix</i>	EN	Extant (resident)	2016	IUCN
<i>Crocidura allea</i>	VU	Extant (resident)	2008	IUCN
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Litocranius walleri</i>	NT	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Possibly Extant (resident)	1992	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Redunca fulvorufula</i>	EN	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Kinyongia tavetana</i>	NT	Extant (resident)	2014	IUCN
PLANTAE				
<i>LILIOPSIDA</i>				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Carex monostachya</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Carex phragmitoides</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Cyperus afroalpinus</i>	NT	Probably Extant (resident)	2010	IUCN

Kilimanjaro - Longido



Summary of Results for Conservation Value Criteria for Kilimanjaro - Longido					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	84	14	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	173489	212,897	81%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	166,054	46,843	Small - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	45453	93.6	6.4	2590	160
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	52.5	1134	5780	4646	76
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	64	3	67	Elephant (BCI), TAWIRI, Ojwang' et al. 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	0	0	0		0%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	45453	93.6	6.4	2590	160
Human Influence in Buffer Corridor	Minimum	Maximum	Range	Sum	Mean
	12.11	100	87.89	27914.66	42.945
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	454.53	34.502	0.0759	0.0756	1.1890
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	394	10	2		

Vegetation and Land Cover Kilimanjaro - Longido Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

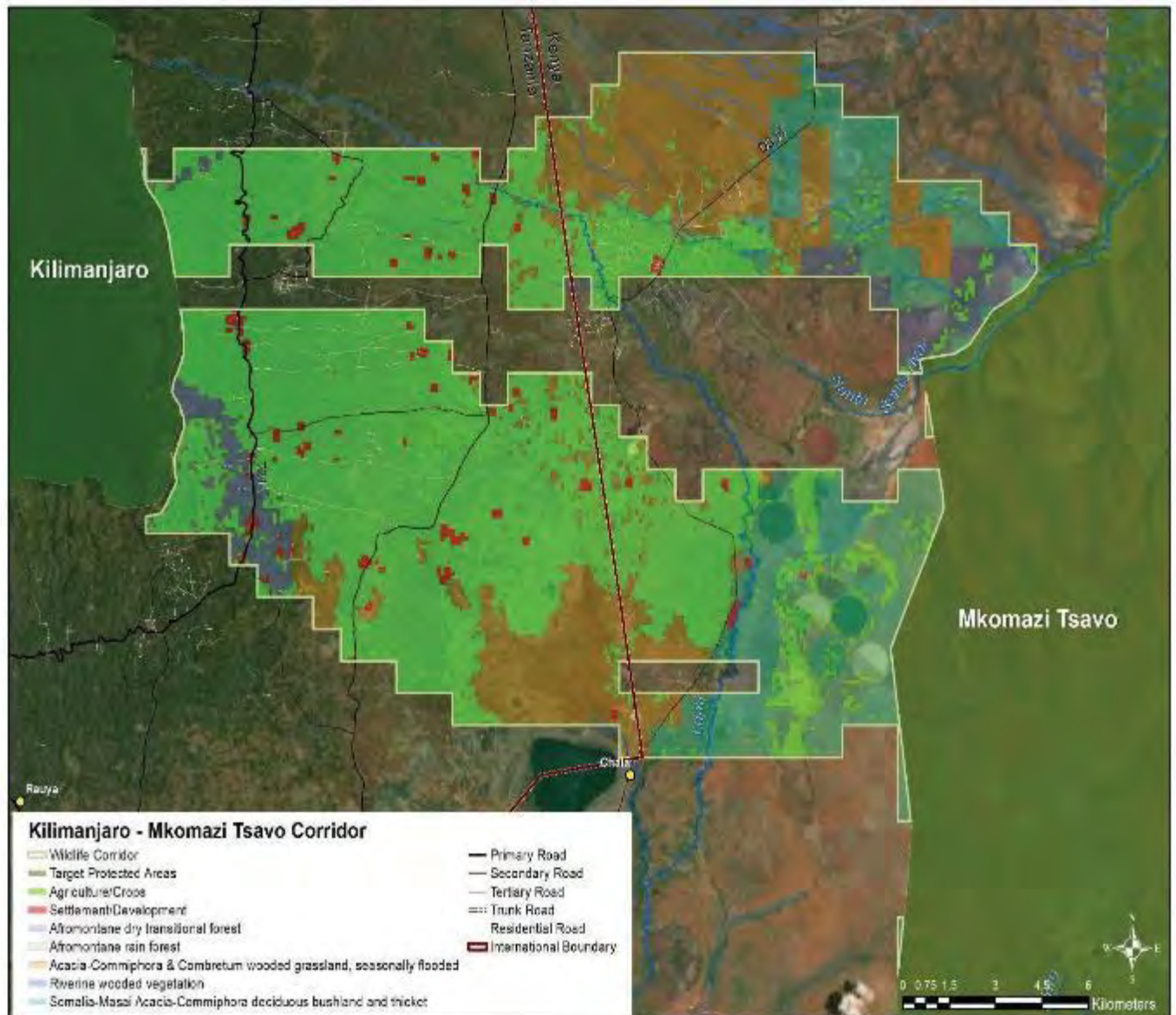
Vegetation / Land Cover Type	Hectares
Afromontane dry transitional forest	
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	1,900
Halophytic vegetation	7,970
Edaphic grassland on volcanic soils	20,133
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	120
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	12,580
Agriculture/Crops	2,590
Settlement/Development	160

IUCN listed species whose range overlaps the Kilimanjaro - Longido corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
ACTINOPTERYGII				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Haplochromis sp. nov. 'Amboseli'</i>	CR	Extant (resident)	2004	IUCN
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Aquila heliaca</i>	VU	Extant (non-breeding)	2019	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco cherrug</i>	EN	Extant (non-breeding)	2014	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN		2019	BLI 2019
<i>Numenius arquata</i>	NT	Extant (non-breeding)	2011	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Poeyoptera femoralis</i>	VU		1998	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Probably Extant (resident)	2010	ODA
<i>Pseudagrion bicoerulans</i>	VU	Extant (resident)	2016	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Cephalophus spadix</i>	EN	Extant (resident)	2016	IUCN
<i>Crocidura allea</i>	VU	Extant (resident)	2008	IUCN
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Litocranius walleri</i>	NT	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Possibly Extant (resident)	2002	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Redunca fulvorufula</i>	EN	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Carex monostachya</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Carex phragmitoides</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Cyperus afroalpinus</i>	NT	Probably Extant (resident)	2010	IUCN

Kilimanjaro – Mkomazi Tsavo (Kenya)



Summary of Results for Conservation Value Criteria for Kilimanjaro - Mkomazi Tsavo					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	118	24	16		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	177498	2,545,364	7%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	166,054	2,379,310	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	32365	44	56	17767	389
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	63.8	168	5780	5612	82
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	75		75	TAWIRI Report, TANAPA working reports	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	87131		87131	26536	328%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	32365	44	56	17767	389
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	13.18	100	86.82	40323.17	63.501
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	323.65	160.602	0.4962	0.5036	3.7708
Threat from Invasive Species	Invasive Species Count 6				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	43	1	2		

Vegetation and Land Cover Kilimanjaro - Mkomazi Tsavo Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

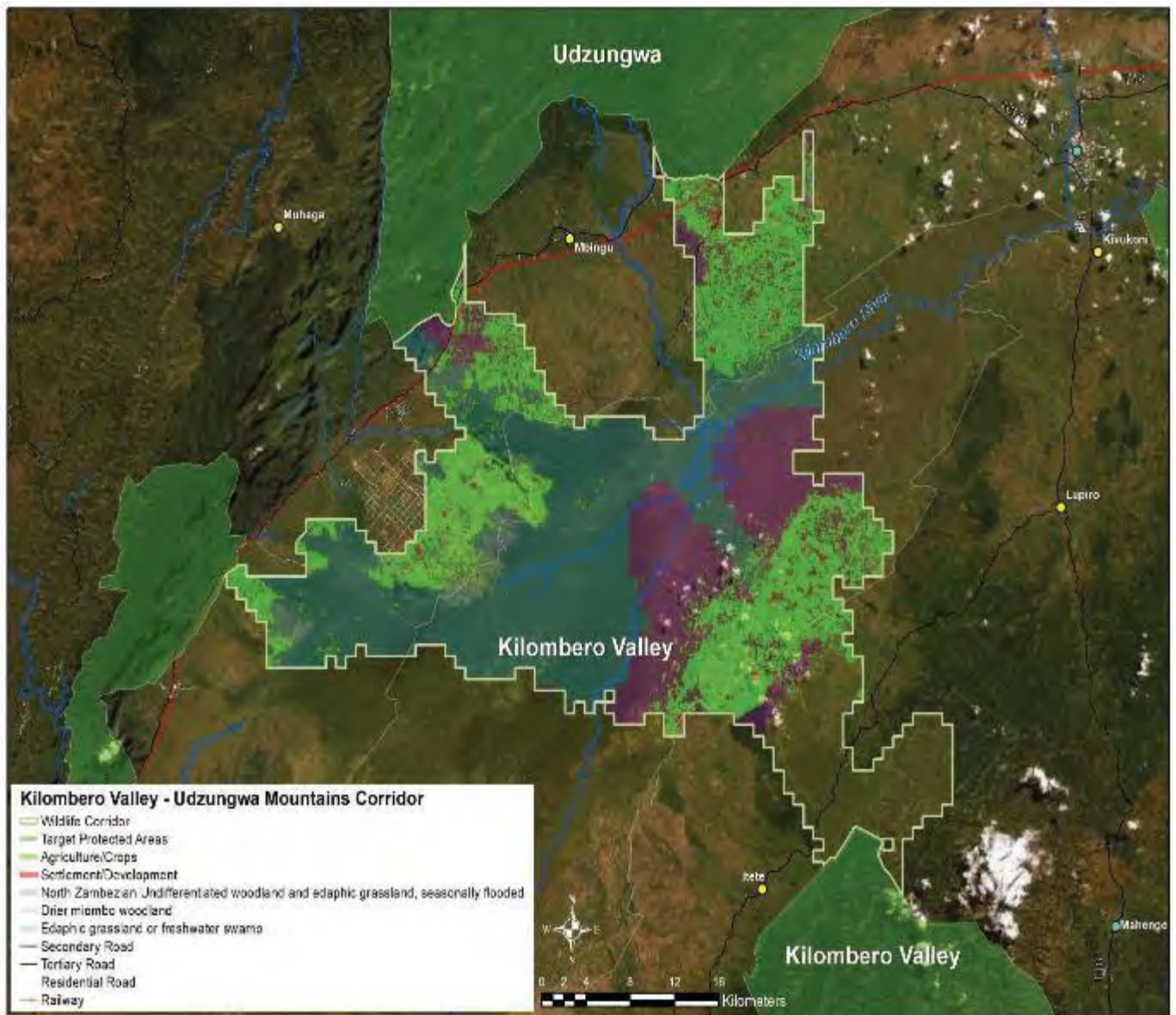
Vegetation / Land Cover Type	Hectares
Afromontane rain forest	27
Afromontane dry transitional forest	784
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	5,707
Riverine wooded vegetation	866
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	6,825
Agriculture/Crops	17,767
Settlement/Development	389

IUCN listed species whose range overlaps the Kilimanjaro - Mkomazi Tsavo corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYG II</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Barbus sp. nov. 'Pangani'</i>	VU	Extant (resident)	2006	IUCN
<i>Barbus sp. nov. 'Pangani'</i>	VU	Probably Extant (resident)	2006	IUCN
<i>Ctenochromis aff. pectoralis</i>	VU	Extant (resident)	2004	IUCN
<i>Enteromius quadralineatus</i>	EN	Extant (resident)	2006	IUCN
<i>Labeo sp. nov. 'Mzima'</i>	VU	Extant (resident)	2004	IUCN
<i>Marcusenius sp. nov. 'Malindi'</i>	VU	Extant (resident)	2004	IUCN
<i>Oreochromis esculentus</i>	CR	Possibly Extant & Introduced (resident)	2006	IUCN
<i>Oreochromis hunteri</i>	CR	Extant (resident)	2006	IUCN
<i>Oreochromis jipe</i>	CR	Extant (resident)	2006	IUCN
<i>Oreochromis variabilis</i>	CR	Extant (resident)	2006	IUCN
AVES				
<i>Acrocephalus griseldis</i>	EN	Extant (passage)	2003	BLI 2017
<i>Aquila heliaca</i>	VU	Extant (non-breeding)	2019	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Cinnyris usambaricus</i>	NT		2016	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Possibly Extinct	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)	2017	BLI 2019
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Poeyoptera femoralis</i>	VU		1998	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Probably Extant (resident)	2010	ODA
<i>Pseudagrion bicoerulans</i>	VU	Extant (resident)	2016	IUCN
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
<i>Potamonautes pilosus</i>	VU	Extant (resident)	2006	IUCN
<i>Potamonautes platycentron</i>	EN	Extant (resident)	2006	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Cephalophus spadix</i>	EN	Extant (resident)	2016	IUCN
<i>Ceratotherium simum</i>	NT	Extant & Assisted Colonisation (resident)	2020	IUCN
<i>Ceratotherium simum ssp. cottoni</i>	CR	Extant & Assisted Colonisation (resident)	2020	IUCN
<i>Ceratotherium simum ssp. simum</i>	NT	Extant & Assisted Colonisation (resident)	2020	IUCN
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Litocranius walleri</i>	NT	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2005	IUCN/SSC - AESG
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Redunca fulvorufula</i>	EN	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Kinyongia tavetana</i>	NT	Extant (resident)	2014	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Lagarosiphon hydrilloides</i>	EN	Extant (resident)	2016	IUCN



Summary of Results for Conservation Value Criteria for Kilombero Valley - Udzungwa					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	99	70	17		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	612469	1,689,123	36%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	1,346,340	342,783	Large - Medium		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	141921	73.8	26.2	37392	292
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	81.3	248	2476	2228	81
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	58	1	59	TAWIRI surveys	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	115907		115907	66547	174%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	141921	73.8	26.2	37392	292
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	2.35	100	97.65	54636.89	35.158
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	1419.21	97.468	0.0687	0.0716	2.6340
Threat from Invasive Species	Invasive Species Count 4				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	408	10	1		

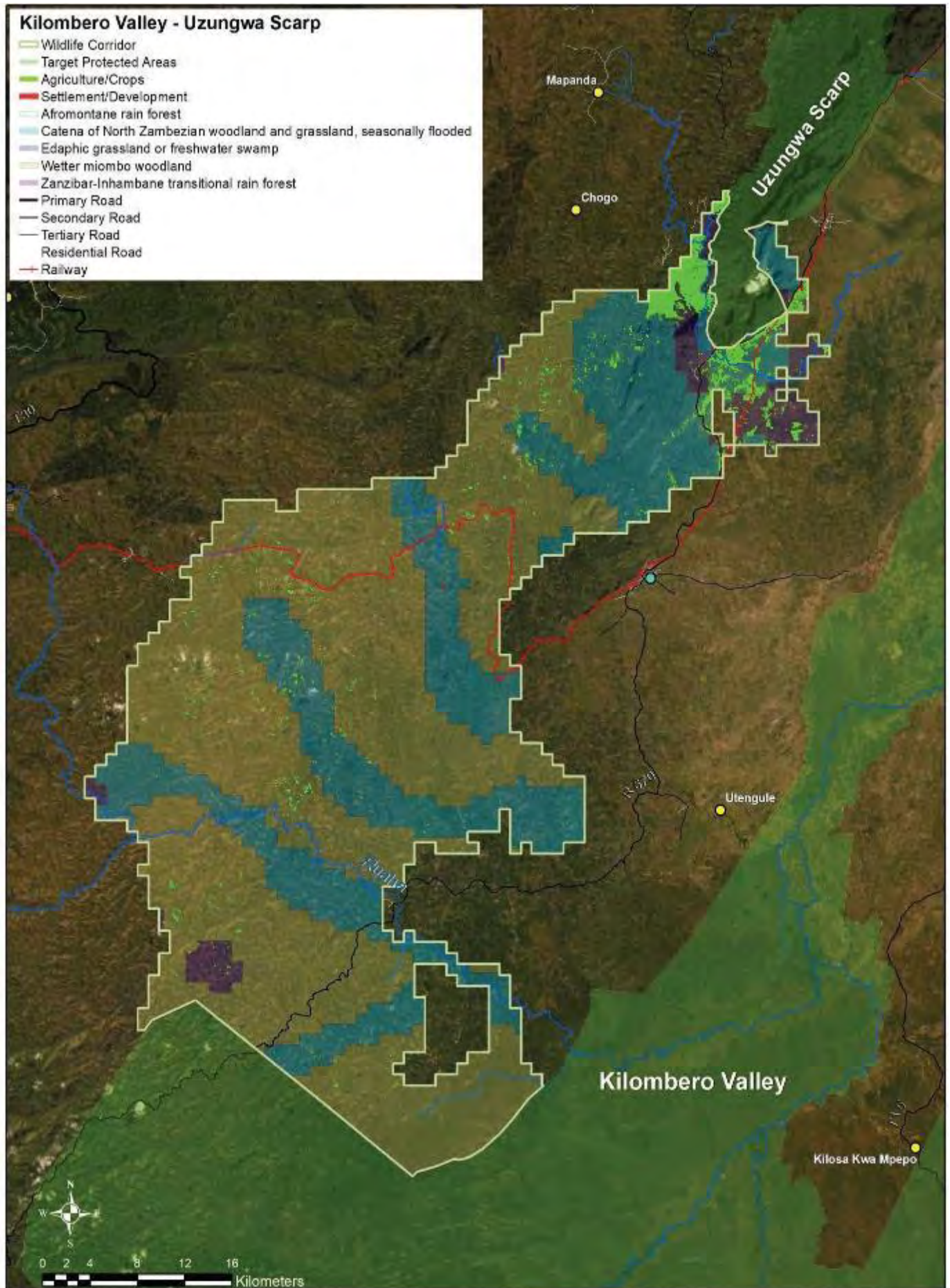
Vegetation and Land Cover Kilombero - Udzungwa Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Drier miombo woodland	16,860
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	29,310
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	58,067
Agriculture/Crops	37,392
Settlement/Development	292

IUCN listed species whose range overlaps the Kilombero Valley - Udzungwa corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Kneria ruaha</i>	VU	Extant (resident)	2006	IUCN
<i>Nothobranchius geminus</i>	VU	Extant (resident)	2019	IUCN
<i>Nothobranchius kilomberoensis</i>	VU	Extant (resident)	2019	IUCN
<i>Nothobranchius lourensi</i>	NT	Extant (resident)	2019	IUCN
<i>Nothobranchius lucius</i>	NT	Extant (resident)	2019	IUCN
AMPHIBIA				
<i>Arthroleptides yakusini</i>	EN	Extant (resident)	2013	IUCN & CI
<i>Hyperolius minutissimus</i>	VU	Extant (resident)	2014	IUCN
<i>Leptopelis parkeri</i>	EN	Extant (resident)	2012	IUCN & CI
<i>Probreviceps loveridgei</i>	EN	Extant (resident)	2013	IUCN
AVES				
<i>Agapornis lilliana</i>	NT		2017	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Cinnyris moreaui</i>	NT		2009	BLI 2019
<i>Circaetus fasciolatus</i>	NT		2009	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Dendropicos stierlingi</i>	NT		2014	BLI 2019
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Hirundo atrocaerulea</i>	VU	Extant (breeding)	1999	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Ploceus burnieri</i>	VU	Extant (resident)	1999	BLI 2018
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Probably Extant (resident)	2010	ODA
<i>Nepogomphoides stuhlmanni</i>	VU	Probably Extant (resident)	2009	ODA
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Bdeogale jacksoni</i>	NT	Extant (resident)	2008	IUCN
<i>Cephalophus spadix</i>	EN	Extant (resident)	2016	IUCN
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Kobus vardonii</i>	NT	Extant (resident)	2016	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2006	IUCN/SSC - AESG
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Ptilocolobus gordonorum</i>	VU	Extant (resident)	2019	IUCN
<i>Rhinolophus deckenii</i>	NT	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Atheris ceratophora</i>	VU	Extant (resident)	2013	IUCN
<i>Cycloderma frenatum</i>	EN	Extant (resident)	2016	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN



Summary of Results for Conservation Value Criteria for Kilombero Valley - Uzungwa Scarp					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	94	63	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	388006	1,367,021	28%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	1,346,340	20,681	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	188479	97	3	5214	48
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	63.8	248	1883	1635	67
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	69		69		
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	131005	3264	134269	80766	166%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	188479	97	3	5214	48
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	2.63	100	97.37	43179.92	23.265
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	1884.80	155.841	0.0827	0.0804	1.9101
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	388	10	3		

Vegetation and Land Cover Kilombero - Uzungwa Scarp Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Afromontane rain forest	47
Zanzibar-Inhambane transitional rain forest	92
Wetter miombo woodland	115,172
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	60,107
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	7,799
Agriculture/Crops	5,214
Settlement/Development	48

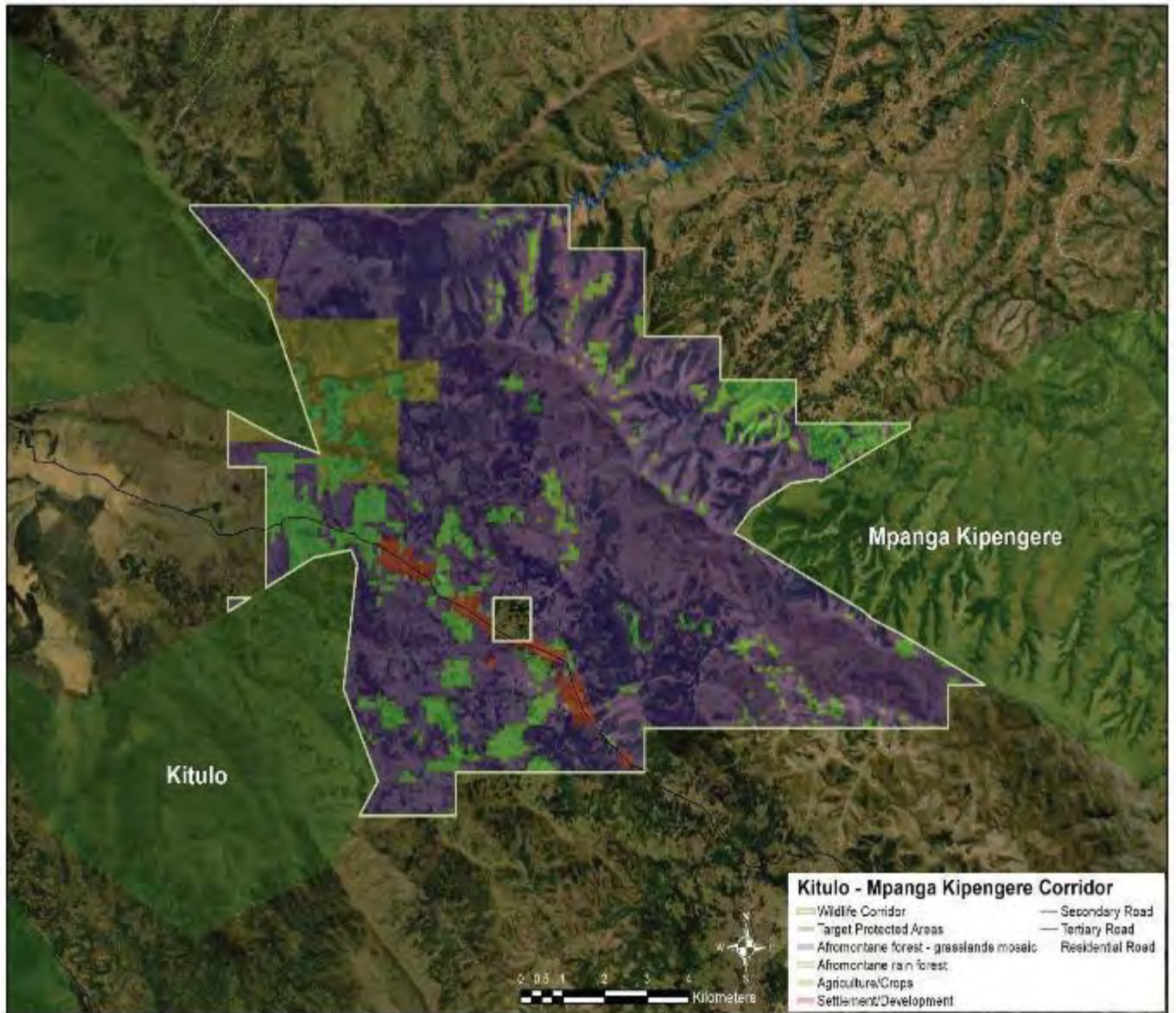
IUCN listed species whose range overlaps the Kilombero Valley - Uzungwa Scarp corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Kneria ruaha</i>	VU	Extant (resident)	2006	IUCN
<i>AMPHIBIA</i>				
<i>Afrixalus uluguruensis</i>	VU	Extant (resident)	2015	IUCN
<i>Arthroleptides yakusini</i>	EN	Extant (resident)	2013	IUCN & CI
<i>Hyperolius kihangensis</i>	EN	Extant (resident)	2015	IUCN
<i>Hyperolius minutissimus</i>	VU	Extant (resident)	2014	IUCN
<i>Leptopelis grandiceps</i>	VU	Extant (resident)	2015	IUCN
<i>Leptopelis grandiceps</i>	VU	Extant (resident)	2015	IUCN
<i>Leptopelis uluguruensis</i>	NT	Extant (resident)	2015	IUCN
<i>Mertensophryne uzunguensis</i>	VU	Extant (resident)	2014	IUCN & CI
<i>Nectophrynoides asperginis</i>	EW	Possibly Extinct	2014	IUCN & CI
<i>Phlyctimantis keithae</i>	EN	Extant (resident)	2014	IUCN & CI
<i>Phrynobatrachus uzunguensis</i>	NT	Extant (resident)	2015	IUCN
<i>Probreviceps loveridgei</i>	EN	Extant (resident)	2013	IUCN
<i>Probreviceps rungwensis</i>	EN	Extant (resident)	2013	IUCN & CI
<i>AVES</i>				
<i>Agapornis lilliana</i>	NT		2017	BLI 2019
<i>Apalis chariessa</i>	NT		2016	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Arcanator orostruthus</i>	VU		2012	BLI 2019
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Cinnyris moreau</i>	NT		2009	BLI 2019
<i>Cinnyris rufipennis</i>	VU		1998	BLI 2019
<i>Circaetus fasciolatus</i>	NT		2009	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Dendropicos stierlingi</i>	NT		2014	BLI 2019
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extinct	2017	BLI 2017
<i>Hirundo atrocaerulea</i>	VU	Extant (breeding)	1999	BLI 2019
<i>Necrosyrtes monachus</i>	CR	Extinct	2017	BLI 2017
<i>Neotis denhami</i>	NT		2013	BLI 2019
<i>Ploceus nicolli</i>	EN		1998	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Scepomycter winifredae</i>	VU		1999	BLI 2019
<i>Sheppardia lowei</i>	VU		1998	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Swynnertonia swynnerton</i>	VU		2012	BLI 2019
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Nepogomphoides stuhlmanni</i>	VU	Probably Extant (resident)	2009	ODA
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
MAMMALIA				
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Cephalophus spadix</i>	EN	Extant (resident)	2016	IUCN
<i>Cercocebus sanjei</i>	EN	Extant (resident)	2019	IUCN
<i>Crocidura desperata</i>	VU	Extant (resident)	2008	IUCN
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Kobus vardonii</i>	NT	Extant (resident)	2016	IUCN
<i>Loxodonta africana</i>	VU	Possibly Extant (resident)	1999	IUCN/SSC - AESG

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Ptilocolobus gordonorum</i>	VU	Extant (resident)	2019	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Cycloderma frenatum</i>	EN	Extant (resident)	2016	IUCN
<i>Kinyongia oxyrhina</i>	NT	Extant (resident)	2014	IUCN
<i>Triceros laterispinis</i>	EN	Extant (resident)	2014	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Kitulo Rungwe – Mpanga Kipengere



Summary of Results for Conservation Value Criteria for Kitulo Rungwe - Mpange Kipengere					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	57	23	9		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	173317	220,530	79%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	58,351	162,179	Small - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	13320	86	14	1725	184
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	63.8	1063	2878	1815	67
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	46		46		
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	0	0	0	13036	0%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	13320	86	14	1725	184
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	14.59	100	85.41	15263.82	39.138
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	133.20	19.976	0.1500	0.1445	1.2702
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	0	1	1		

Vegetation and Land Cover Kitulo Rungwe - Mpanga Kipengere Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

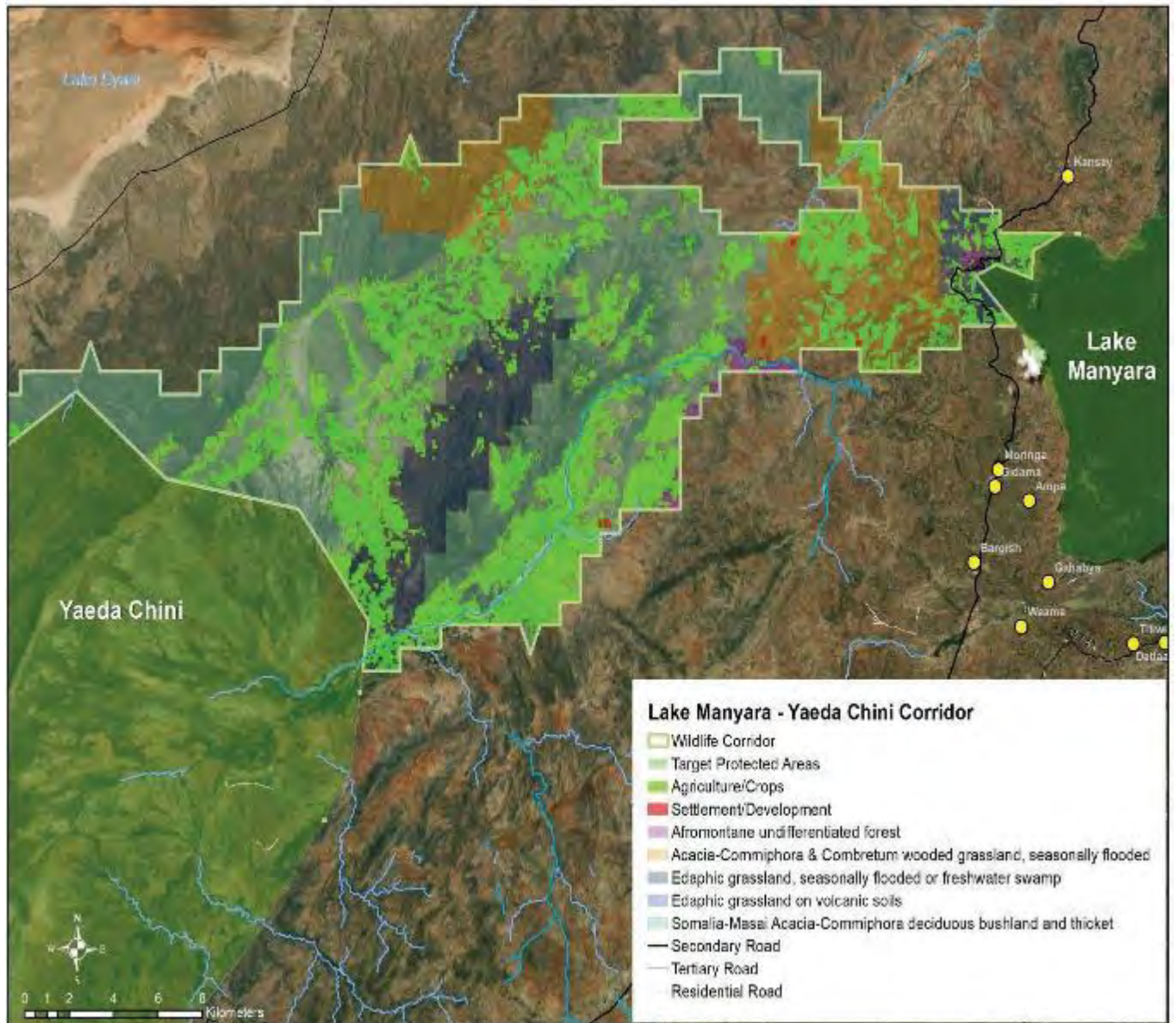
Vegetation / Land Cover Type	Hectares
Afromontane rain forest	753
Afromontane forest - grasslands mosaic	10,657
Agriculture/Crops	1,725
Settlement/Development	184

IUCN listed species whose range overlaps the Kitulo Rungwe - Mpanga Kipengere corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Opsaridium microlepis</i>	VU	Extant (resident)	2018	IUCN
<i>Parakneria tanzaniae</i>	VU	Extant (resident)	2006	IUCN
<i>Serranochromis robustus</i>	CR	Extant (resident)	2018	Tweddle, D.
AMPHIBIA				
<i>Mertensophryne uzunguensis</i>	VU	Extant (resident)	2014	IUCN & CI
AVES				
<i>Agapornis lilliana</i>	NT		2017	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Bugeranus carunculatus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Hirundo atrocaerulea</i>	VU	Extant (breeding)	1999	BLI 2019
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neotis denhami</i>	NT		2013	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Cephalophus spadix</i>	EN	Extant (resident)	2016	IUCN
<i>Crocidura desperata</i>	VU	Extant (resident)	2008	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Otomys lacustris</i>	VU	Extant (resident)	2008	IUCN
<i>Panthera pardus</i>	VU	Extant (resident)/Possibly Extinct	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Atheris barbouri</i>	VU	Extant (resident)	2014	RLI & ZSL
<i>Atheris matildae</i>	CR	Extant (resident)	2013	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Lake Manyara - Yaeda Chini



Summary of Results for Conservation Value Criteria for Lake Manyara - Yaeda Chini					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	60	8	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	0	0	0%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	39,414	89,852	Small - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	46165	68	32	14846	40
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	28.8	896	2056	1160	34
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	52		52		
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	62620		62620	36346	172%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	46165	68	32	14846	40
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	6.53	100	93.47	41398.49	41.858
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	461.65	9.779	0.0212	0.0232	1.1370
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	76	5	2		

Vegetation and Land Cover Lake Manyara - Yaeda Chini Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Afromontane undifferentiated forest	411
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	19,742
Edaphic grassland on volcanic soils	676
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	4,011
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	6,439
Agriculture/Crops	14,846
Settlement/Development	40

IUCN listed species whose range overlaps the Lake Manyara - Yaeda Chini corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Oreochromis amphilas</i>	EN	Extant (resident)	2006	IUCN
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)	2017	BLI 2019
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopus ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trionoceph occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Possibly Extant (resident)	1998	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Redunca fulvorufula</i>	EN	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Malacochersus tornieri</i>	CR	Extant (resident)	2018	CRF
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Carex phragmitoides</i>	VU	Probably Extant (resident)	2010	IUCN

Loazi_ Luanga Musalangu (Zambia)



Summary of Results for Conservation Value Criteria for Loazi - Luanga Musalangu					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	69	5	16		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	49064	2,286,962	2%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	49,372	2,237,590	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	823585	96	4	24218	9262
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	51.3	565	2033	1468	56
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	54		54		
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	301625	12191	313816	318926	98%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	823585	96	4	24218	9262
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	1.88	100	98.12	219819.39	31.255
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	8235.86	429.127	0.0521	0.0519	7.8347
Threat from Invasive Species	Invasive Species Count 10				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	63	5	1		

Vegetation and Land Cover Loazi - Luanga Musalanga Corridor (Sources: van Bruegele et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Zambeian dry deciduous forest and scrub forest	2,253
North Zambeian undifferentiated woodland	3,182
Mopane woodland and scrub woodland	4,489
Zambeian chipya woodland	12,206
Wetter miombo woodland	399,477
Drier miombo woodland	115,071
Miombo woodland on hills and rocky outcrops	93
Catena of North Zambeian Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	1,024
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	96,396
Bush groups, typically around termitaria, within grassy drainage zones	155,915
Agriculture/Crops	24,218
Settlement/Development	9,262

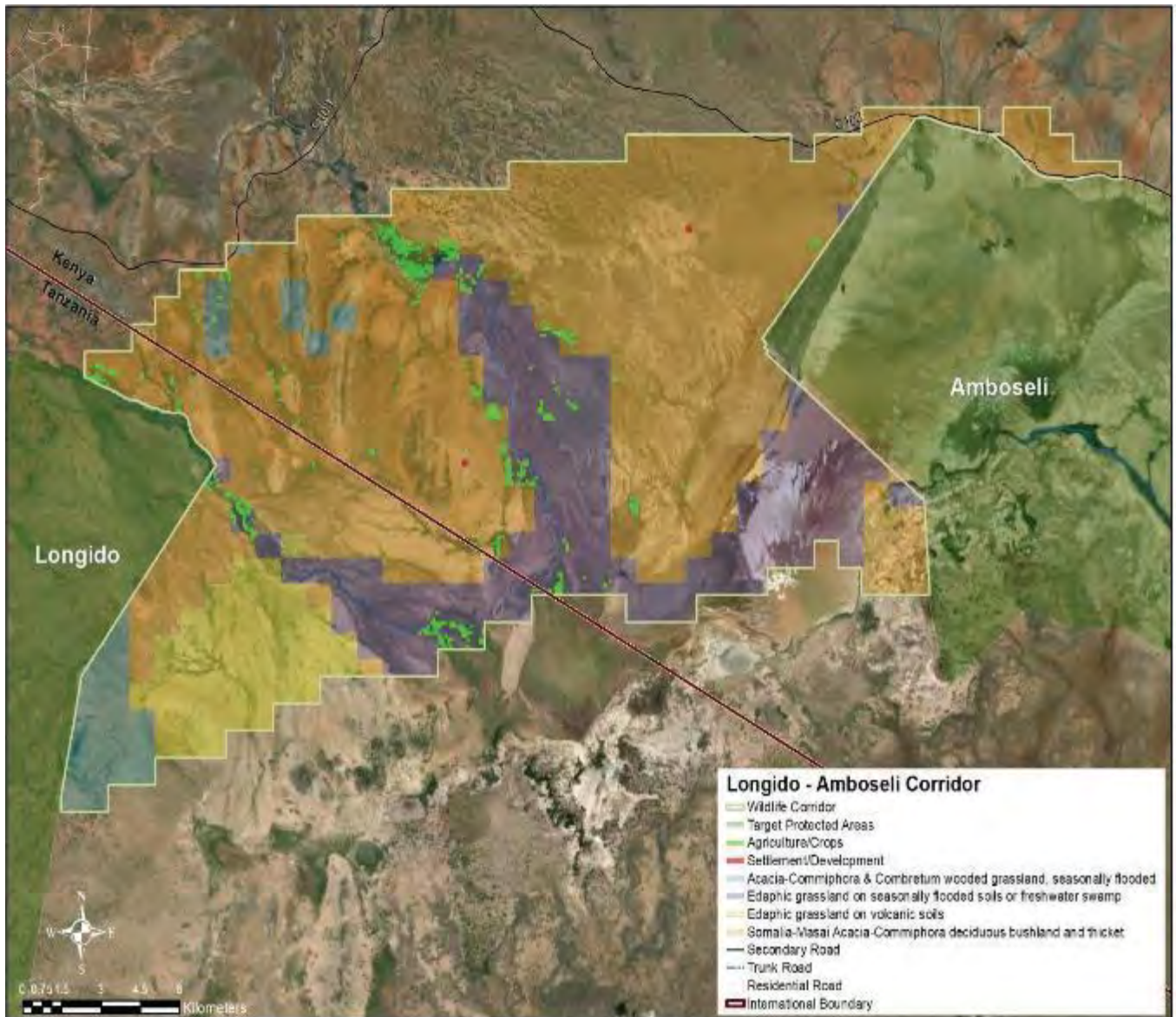
IUCN listed species whose range overlaps the Loazi - Musalanga corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Chiloglanis kalambo</i>	VU	Extant (resident)	2006	IUCN
<i>Chiloglanis mbozi</i>	VU	Extant (resident)	2006	IUCN
<i>Chiloglanis rukwaensis</i>	VU	Extant (resident)	2006	IUCN
<i>Oreochromis mortimeri</i>	CR	Probably Extant (resident)	2007	IUCN
<i>Oreochromis rukwaensis</i>	VU	Extant (resident)	2006	IUCN
<i>Serranochromis robustus</i>	CR	Possibly Extant (resident)	2018	Tweddle, D.
AMPHIBIA				
<i>Sclerophrys urunguensis</i>	VU	Extant (resident)	2015	IUCN
AVES				
<i>Agapornis lilliana</i>	NT		2017	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Bugeranus carunculatus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (non-breeding)	2011	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Hirundo atrocaerulea</i>	VU	Extant (breeding)	1999	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neotis denhami</i>	NT		2013	BLI 2019
<i>Numenius arquata</i>	NT	Extant (passage)	2011	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Trithemis brydeni</i>	NT	Probably Extant (resident)	2009	ODA
MAMMALIA				
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Cephalophus silvicultor</i>	NT	Extant (resident)	2016	IUCN
<i>Ceratotherium simum</i>	NT	Extant & Assisted Colonisation (resident)	2020	IUCN
<i>Ceratotherium simum ssp. simum</i>	NT	Extant & Assisted Colonisation (resident)	2020	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Kobus vardonii</i>	NT	Extant (resident)	2016	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera pardus</i>	VU	Extant (resident)/Possibly Extinct	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
MAGNOLIOPSIDA				

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Anagallis elegantula</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Anagallis kochii</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Nymphoides tenuissima</i>	EN	Extant (resident)	2016	IUCN
<i>Utricularia bracteata</i>	NT	Probably Extant (resident)	2010	IUCN

Longido - Amboseli (Kenya)



Summary of Results for Conservation Value Criteria for Longido - Amboseli					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	72	3	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	7435	85,831	9%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	46,843	38,989	Small - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	43316	98	2	784	10
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	32.5	1124	2454	1330	41
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	68	1	69	TAWIRI Report, Kikoti report, wilddog (Masenga et al. 2016), Ojwang' et al. 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	31707		31707	25109	126%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	43316	98	2	784	10
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	8.25	100	91.75	27245.57	37.946
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	433.16	26.646	0.0615	0.0546	0.9548
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	19	1	1		

Vegetation and Land Cover Longido - Amboseli Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	
Edaphic grassland on volcanic soils	
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	2,015
Agriculture/Crops	
Settlement/Development	

IUCN listed species whose range overlaps the Longido - Amboseli corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Enteromius amboseli</i>	EN	Possibly Extant (resident)	2020	IUCN
<i>Haplochromis sp. nov. 'Amboseli'</i>	CR	Extant (resident)	2004	IUCN
<i>Marcusenius sp. nov. 'Malindi'</i>	VU	Extant (resident)	2004	IUCN
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Aquila heliaca</i>	VU	Extant (non-breeding)	2019	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco cherrug</i>	EN	Extant (non-breeding)	2014	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Possibly Extinct	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)	2017	BLI 2019
<i>Numenius arquata</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Alloccnemis abbotti</i>	NT	Probably Extant (resident)	2010	ODA
<i>Pseudagrion bicoerulans</i>	VU	Extant (resident)	2016	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Ceratotherium simum</i>	NT	Extant & Assisted Colonisation (resident)	2020	IUCN
<i>Ceratotherium simum ssp. cottoni</i>	CR	Extant & Assisted Colonisation (resident)	2020	IUCN
<i>Ceratotherium simum ssp. simum</i>	NT	Extant & Assisted Colonisation (resident)	2020	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Litocranius walleri</i>	NT	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Possibly Extant (resident)	2002	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Redunca fulvorufula</i>	EN	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Carex monostachya</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Carex phragmitoides</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Cyperus afroalpinus</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Lagarosiphon hydrilloides</i>	EN	Extant (resident)	2016	IUCN

Mahale Mountains - Gombe Stream



Summary of Results for Conservation Value Criteria for Mahale - Gombe Stream					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	74	5	13		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	162187	168,690	96%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	162,863	5,827	Small - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	681381	95	5	29759	4678
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	50.0	728	2402	1674	60
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	87		87	Pintea, Mjungu et al. JGI	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	754062	47280	801343	233505	343%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	681381	95	5	29759	4678
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	2.5	100	99.99	229568.91	33.814
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	6813.81	719.619	0.1056	0.1094	11.7847
Threat from Invasive Species	Invasive Species Count 80				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	95	5	7		

Vegetation and Land Cover Mahale Mountains - Gombe Stream Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Afromontane rain forest	22,326
Afromontane undifferentiated forest	13,789
Wetter miombo woodland	529,646
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	73,691
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	7,493
Agriculture/Crops	29,759
Settlement/Development	4,678

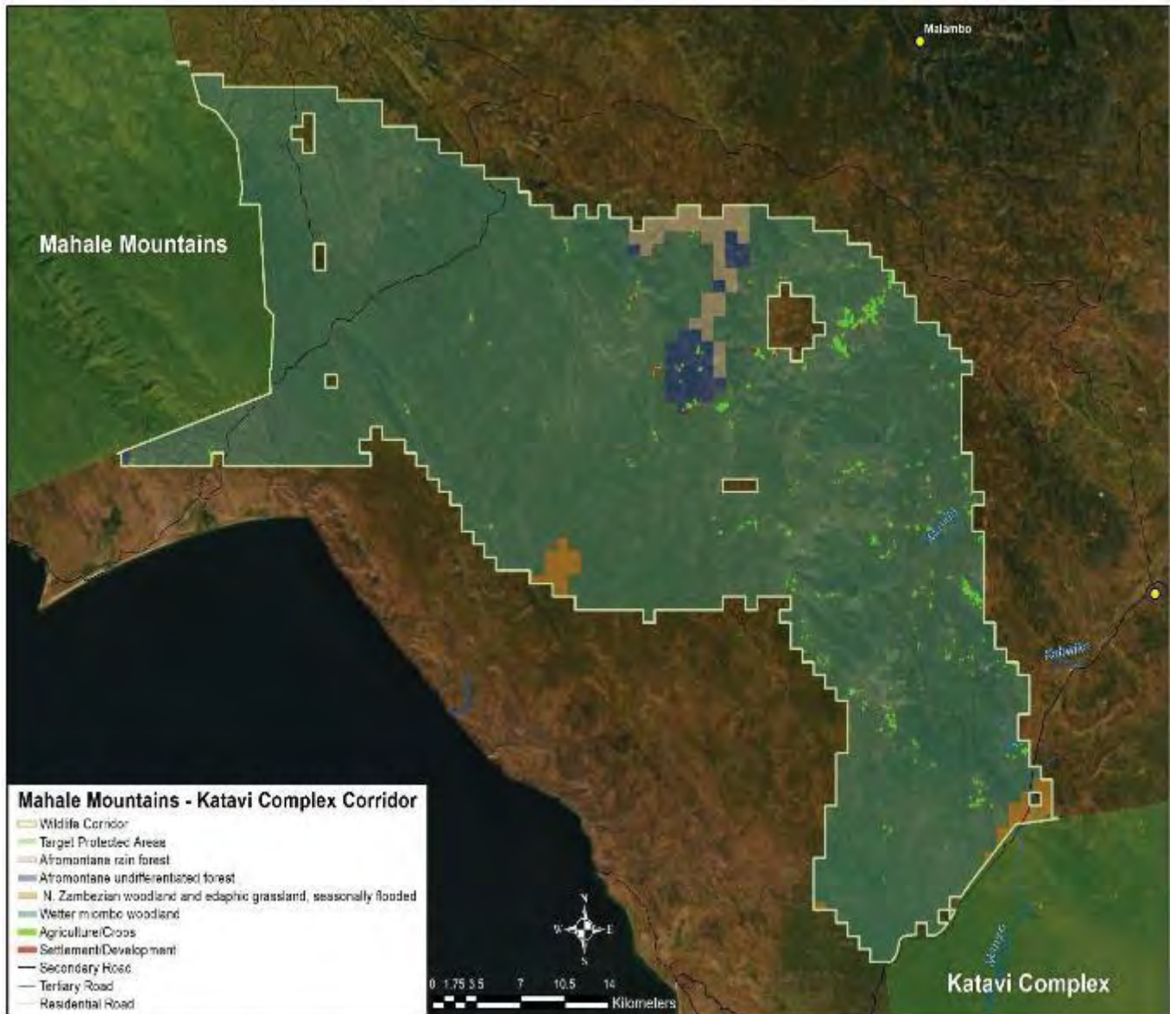
IUCN listed species whose range overlaps the Mahale Mountains - Gombe Stream corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Altalamprologus calvus</i>	NT	Extant (resident)	2006	IUCN
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Clariallabes mutsindoziensis</i>	EN	Extant (resident)	2006	IUCN
<i>Dinotopterus cunningtoni</i>	NT	Extant (resident)	2006	IUCN
<i>Enteromius quadrilineatus</i>	EN	Extant (resident)	2006	IUCN
<i>Eretmodus cyanostictus</i>	NT	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
<i>Lamprologus kungweensis</i>	CR	Extant (resident)	2006	IUCN
<i>Lates angustifrons</i>	EN	Extant (resident)	2006	IUCN
<i>Lates mariae</i>	VU	Extant (resident)	2006	IUCN
<i>Lates microlepis</i>	EN	Extant (resident)	2006	IUCN
<i>Lepidolamprologus attenuatus</i>	NT	Extant (resident)	2006	IUCN
<i>Neolamprologus christyi</i>	VU	Extant (resident)	2006	IUCN
<i>Neolamprologus devosi</i>	VU	Extant (resident)	2007	RLI & ZSL
<i>Neolamprologus schreyeni</i>	VU	Extant (resident)	2006	IUCN
<i>Oreochromis karomo</i>	CR	Extant (resident)	2006	IUCN
<i>Orthochromis kasuluensis</i>	EN	Extant (resident)	2006	IUCN
<i>Orthochromis luichensis</i>	VU	Extant (resident)	2006	IUCN
<i>Orthochromis malagaraziensis</i>	VU	Extant (resident)	2006	IUCN
<i>Orthochromis rubrolabialis</i>	EN	Extant (resident)	2006	IUCN
<i>Orthochromis rugufuensis</i>	VU	Extant (resident)	2006	IUCN
<i>Orthochromis uvinzae</i>	CR	Extant (resident)	2006	IUCN
<i>Simochromis margaretae</i>	VU	Extant (resident)	2006	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Simochromis marginatus</i>	VU	Extant (resident)	2006	IUCN
<i>Tropheus duboisi</i>	VU	Extant (resident)	2006	IUCN
<i>Varicorhinus leleupanus</i>	VU	Extant (resident)	2006	IUCN
<i>Xenotilapia burtoni</i>	VU	Extant (resident)	2006	IUCN
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calamonastides gracillirostris</i>	VU	Possibly Extant (resident)	1999	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neotis denhami</i>	NT		2013	BLI 2019
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Scleroptila streptophora</i>	NT		2007	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
BIVALVIA				
<i>Brazzaea anceyi</i>	VU	Extant (resident)	2016	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Loxodonta africana</i>	VU	Possibly Extant (resident)	1979	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Pan troglodytes</i>	EN	Extant (resident)	2018	IUCN
<i>Panthera leo</i>	VU	Extant (resident)/Possibly Extinct	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)/Extinct	2019	Gerngross, P.
<i>Phataginus tricuspis</i>	EN	Extant (resident)	2019	IUCN SSC - PSG
<i>Piliocolobus tephrosceles</i>	EN	Extant (resident)	2020	Red Colobus CAP 2020-2025
<i>Smutsia gigantea</i>	EN	Extant (resident)	2019	IUCN SSC - PSG
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Mecistops cataphractus</i>	CR	Possibly Extinct	2014	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Xyris angustifolia</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Xyris exigua</i>	CR	Probably Extant (resident)	2010	IUCN
MAGNOLIOPSIDA				
<i>Anagallis elegantula</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Anagallis kochii</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Genlisea angolensis</i>	EN	Probably Extant (resident)	2010	IUCN
<i>Nymphoides tenuissima</i>	EN	Extant (resident)	2016	IUCN
<i>Rotala fontinalis</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Rotala gerardii</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Rotala robynsiana</i>	CR	Probably Extant (resident)	2010	IUCN
<i>Rotala smithii</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Utricularia bracteata</i>	NT	Probably Extant (resident)	2010	IUCN

Mahale Mountains – Katavi Complex



Summary of Results for Conservation Value Criteria for Mahale - Katavi Complex					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	90	17	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	438740	1,712,623	26%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	162,863	1,549,760	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	177213	99.5	0.5	914	40
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	76.3	722	2402	1680	73
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	48		48	Moshale et al. in Debonnet & Nindi 2017, Kichegwa Connectivity Assessment, Piel et al. GMERC	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	66101	4222	70323	77256	91%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	177213	99.5	0.5	914	40
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	4.2	100	95.8	39597.57	25.796
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	1772.13	48.162	0.0272	0.0283	0.8064
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	93	5	2		

Vegetation and Land Cover Mahale Mountains - Katavi Complex Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

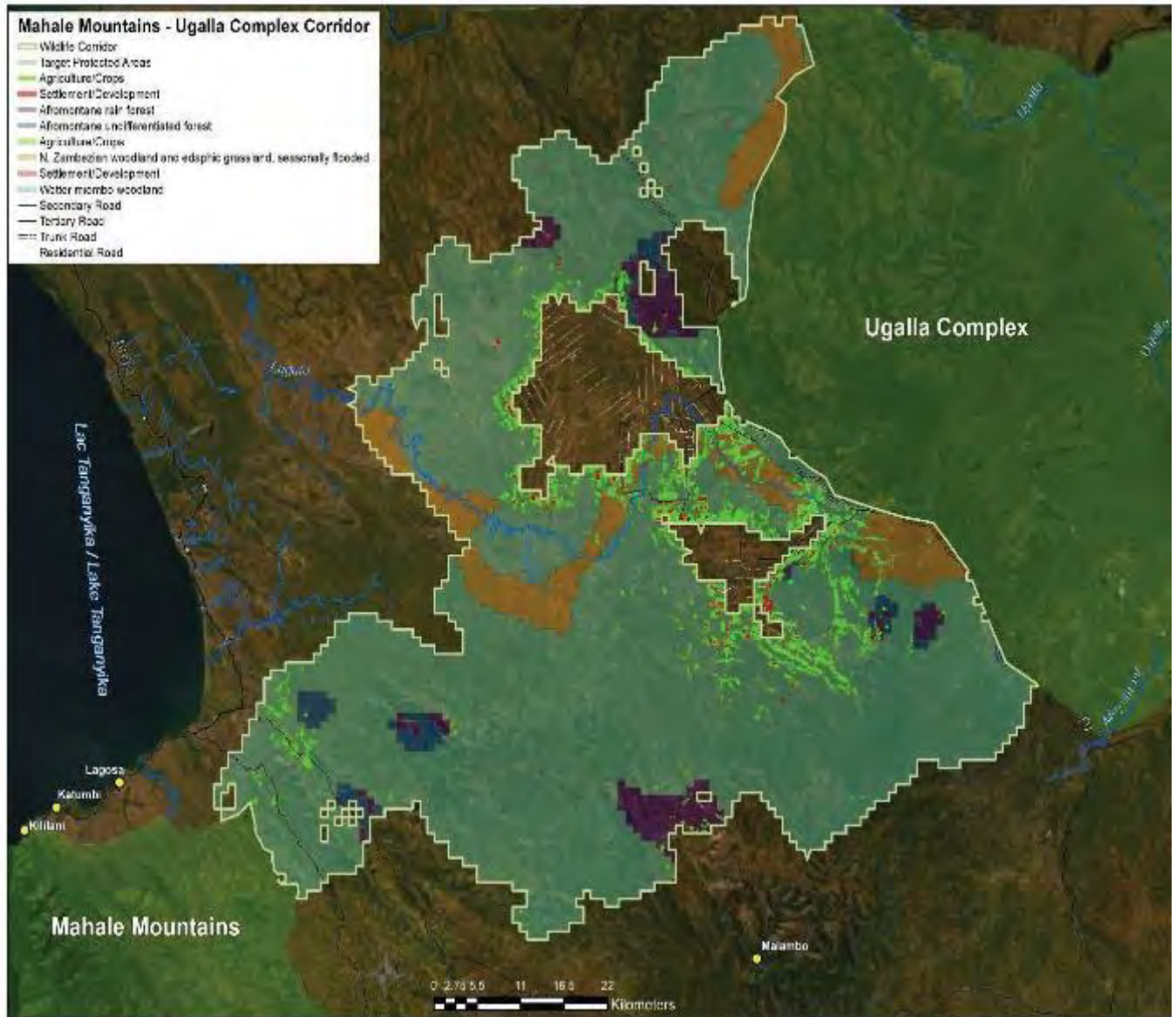
Vegetation / Land Cover Type	Hectares
Afromontane rain forest	2,953
Afromontane undifferentiated forest	2,557
Wetter miombo woodland	168,968
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	1,781
Agriculture/Crops	914
Settlement/Development	40

IUCN listed species whose range overlaps the Mahale Mountains - Katavi Complex corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
AMPHIBIA				
<i>Phrynobatrachus sulfureogularis</i>	VU	Extant (resident)	2015	IUCN
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neotis denhami</i>	NT		2013	BLI 2019
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Possibly Extant (resident)	1979	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Pan troglodytes</i>	EN	Extant (resident)	2018	IUCN
<i>Panthera leo</i>	VU	Extant (resident)/Possibly Extinct	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Phataginus tricuspis</i>	EN	Extant (resident)	2019	IUCN SSC - PSG
<i>Piliocolobus tephrosceles</i>	EN	Extant (resident)	2020	Red Colobus CAP 2020-2025
<i>Smutsia gigantea</i>	EN	Extant (resident)	2019	IUCN SSC - PSG
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Mecistops cataphractus</i>	CR	Possibly Extinct	2014	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Mahale Mountains - Ugalla Complex



Summary of Results for Conservation Value Criteria for Mahale Mountains - Ugalla Complex					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	92	14	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	435655	1,890,893	23%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	162,863	1,728,030	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	442172	95.7	4.3	19040	1401
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	76.3	733	2402	1669	73
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	58		58	Doody et al. in Debonnet & Nindi 2017, Piel et al. GMERC, Pintea, Mjungu et al. JGI	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	233947	24584	258531	108884	237%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	442172	95.7	4.3	19040	1401
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	1.14	100	98.86	69174.85	23.361
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	4421.71	309.946	0.0701	0.0680	1.9333
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	93	5	2		

Vegetation and Land Cover Mahale Mountains - Ugalla Complex Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Afromontane rain forest	14,499
Afromontane undifferentiated forest	8,150
Wetter miombo woodland	360,121
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	38,958
Agriculture/Crops	19,040
Settlement/Development	1,404

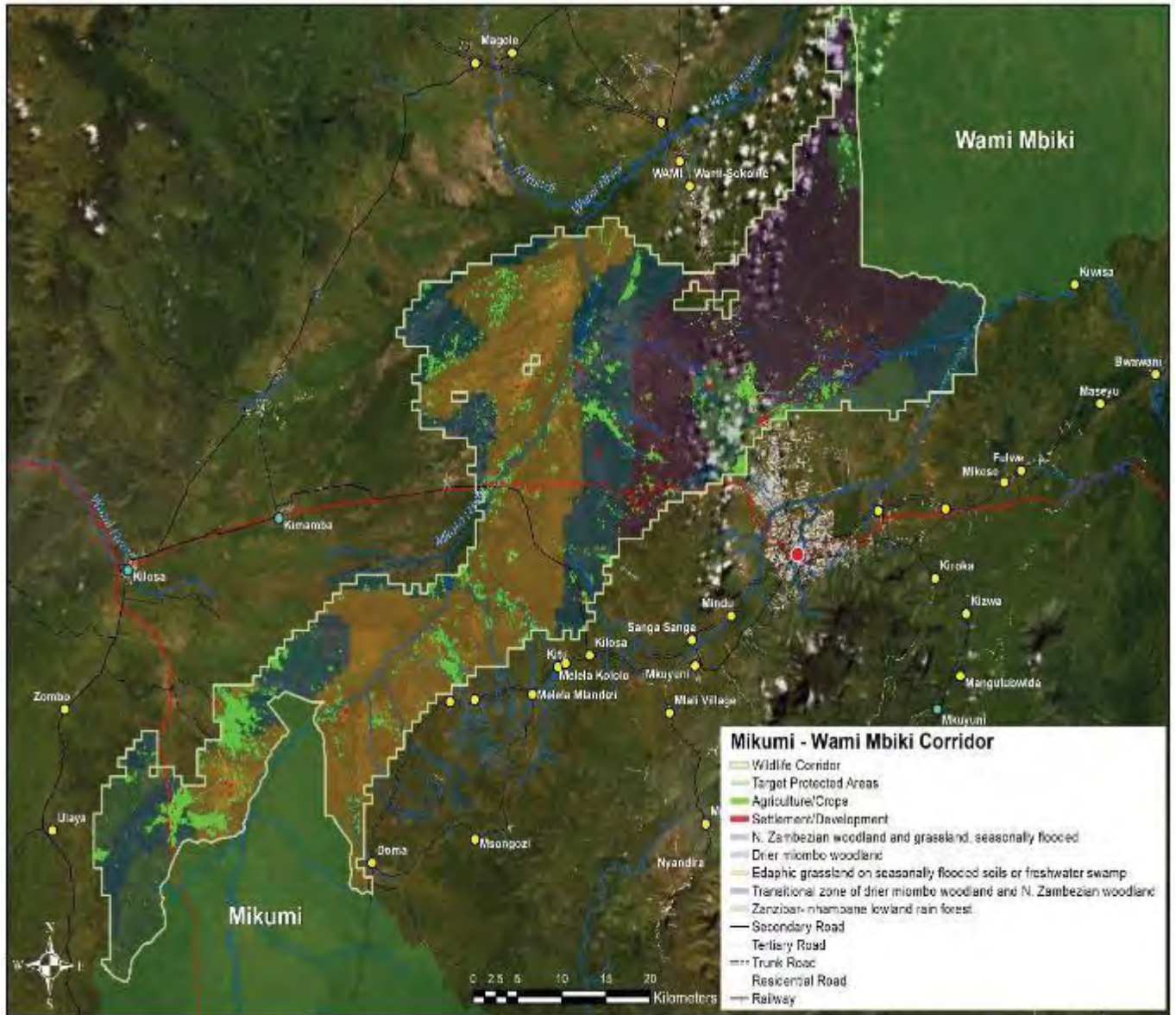
IUCN listed species whose range overlaps Mahale Mountains - Ugalla Complex corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
ACTINOPTERYGII				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Clariallabes mutsindoziensis</i>	EN	Extant (resident)	2006	IUCN
<i>Enteromius quadralineatus</i>	EN	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
<i>Neolamprologus devosi</i>	VU	Extant (resident)	2007	RLI & ZSL
<i>Oreochromis karomo</i>	CR	Extant (resident)	2006	IUCN
<i>Orthochromis malagaraziensis</i>	VU	Extant (resident)	2006	IUCN
<i>Orthochromis rubrolabialis</i>	EN	Extant (resident)	2006	IUCN
<i>Orthochromis rugufuensis</i>	VU	Extant (resident)	2006	IUCN
<i>Orthochromis uvinzae</i>	CR	Extant (resident)	2006	IUCN
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calamonastides gracillirostris</i>	VU		1999	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Gyps africanus</i>	CR		2017	BLI 2019
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neotis denhami</i>	NT		2013	BLI 2019
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trionocephs occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hydrichtis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Possibly Extant (resident)	1979	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Pan troglodytes</i>	EN	Extant (resident)	2018	IUCN
<i>Panthera leo</i>	VU	Extant (resident)/Possibly Extinct	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Phataginus tricuspis</i>	EN	Extant (resident)	2019	IUCN SSC - PSG
<i>Piliocolobus tephrosceles</i>	EN	Extant (resident)	2020	Red Colobus CAP 2020-2025
<i>Smutsia gigantea</i>	EN	Extant (resident)	2019	IUCN SSC - PSG
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Mecistops cataphractus</i>	CR	Possibly Extinct	2014	IUCN
PLANTAE				
<i>LILIOPSIDA</i>				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Mikumi - Wami-Mbiki



Summary of Results for Conservation Value Criteria for Mikumi - Wami Mbiki					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	64	31	14		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	24039	600,487	4%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	349,300	251,187	Medium - Medium		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	219186	94.8	5.2	10548	533
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	48.8	176	1167	991	39
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	54	2	56	Vultures (Bracebridge & Kendall WCS NCZ)	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	319743	4770	324512	84275	385%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	219186	94.8	5.2	10548	533
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	2.41	100	97.59	103507.03	44.576
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	2191.86	272.706	0.1244	0.1254	3.7326
Threat from Invasive Species	Invasive Species Count 30				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	3100	20	4		

Vegetation and Land Cover Mikumi - Wami Mbiki Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

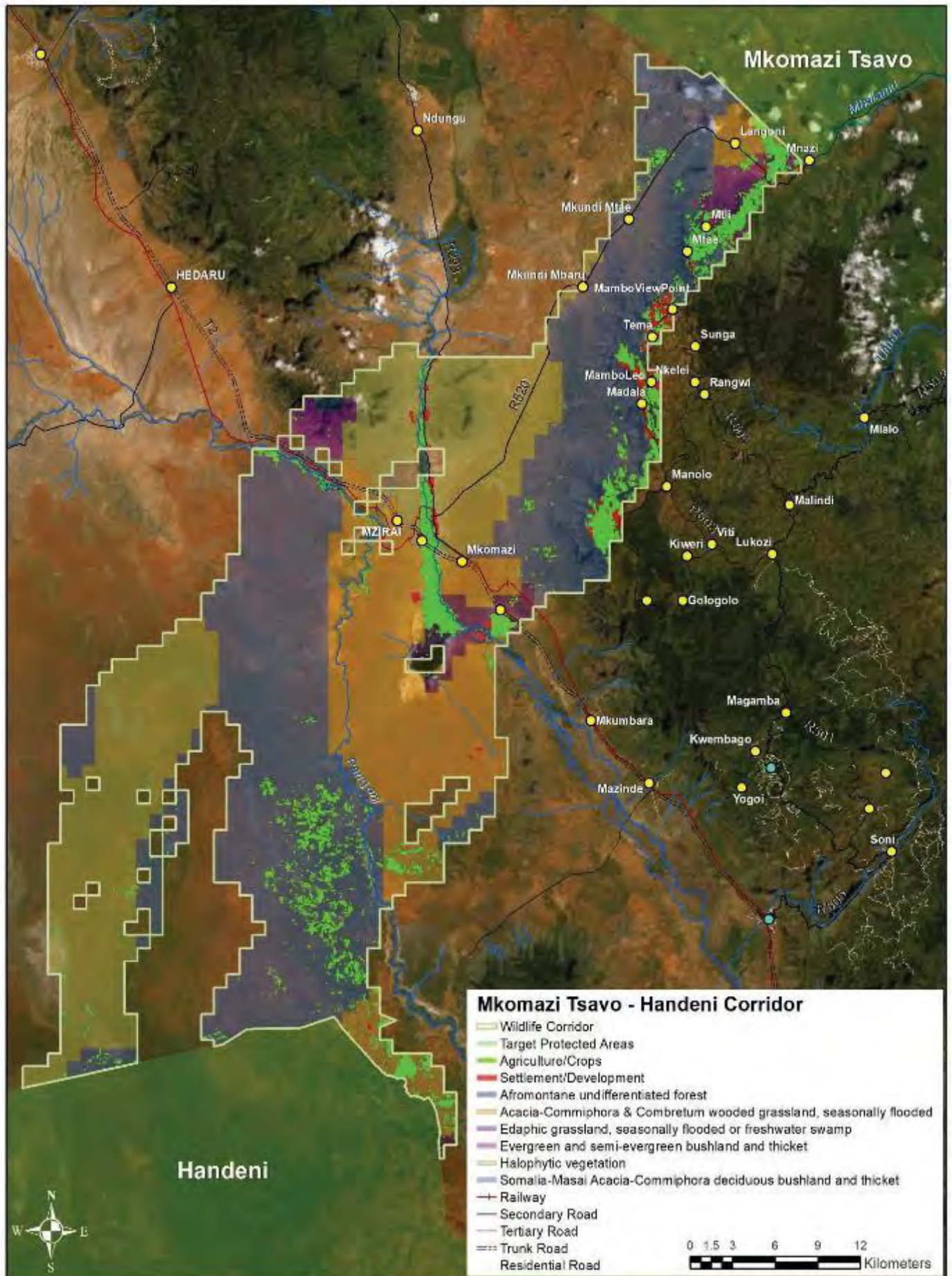
Vegetation / Land Cover Type	Hectares
Zanzibar-Inhambane lowland rain forest	244
Drier miombo woodland	19,638
Catena of North Zambebian Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	53,739
Transitional zone of drier miombo woodland and North Zambebian Undifferentiated woodland	57,151
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	77,334
Agriculture/Crops	10,548
Settlement/Development	533

IUCN listed species whose range overlaps the Mikumi - Wami Mbiki corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Aplocheilichthys lacustris</i>	VU	Extant (resident)	2006	IUCN
<i>Enteromius laticeps</i>	VU	Extant (resident)	2006	IUCN
<i>Kneria uluguru</i>	VU	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
<i>Zaireichthys wamiensis</i>	VU	Extant (resident)	2006	IUCN
AVES				
<i>Acrocephalus griseldis</i>	EN	Extant (non-breeding)	2003	BLI 2017
<i>Acrocephalus griseldis</i>	EN	Extant (passage)	2003	BLI 2017
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circaetus fasciolatus</i>	NT		2009	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Extant (resident)	2010	ODA
<i>Nepogomphoides stuhlmanni</i>	VU	Probably Extant (resident)	2009	ODA
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
<i>Potamonautes unisulcatus</i>	VU	Extant (resident)	2006	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Kerivoula africana</i>	EN	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2005	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)/Extinct	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Mkomazi -Tsavo - Handeni



Summary of Results for Conservation Value Criteria for Mkomazi Tsavo - Handeni					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	115	24	17		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	11454	2,554,270	0.45%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	2,379,310	174,960	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	129355	92	7.7	8445	947
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	48.8	168	1672	1504	54
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	79		79	Wild dog (Masenga et al. 2016)	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	99246	2435	101681	76947	132%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	129355	92	7.7	8445	947
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	4.24	100	95.76	80501.11	48.465
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	1293.55	166.597	0.1288	0.1272	2.4067
Threat from Invasive Species	Invasive Species Count 32				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	512	10	5		

Vegetation and Land Cover Mkomazi Tsavo - Handeni Corridor (Sources: van Bruegele et al. 2015 and Buchhorn et al. 2019)

Vegetation/Land Cover	Hectares
Afromontane undifferentiated forest	190
Agriculture/Crops	8445
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	23449
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	2109
Evergreen and semi-evergreen bushland and thicket	2704
Halophytic vegetation	32411
Settlement/Development	947
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	59100

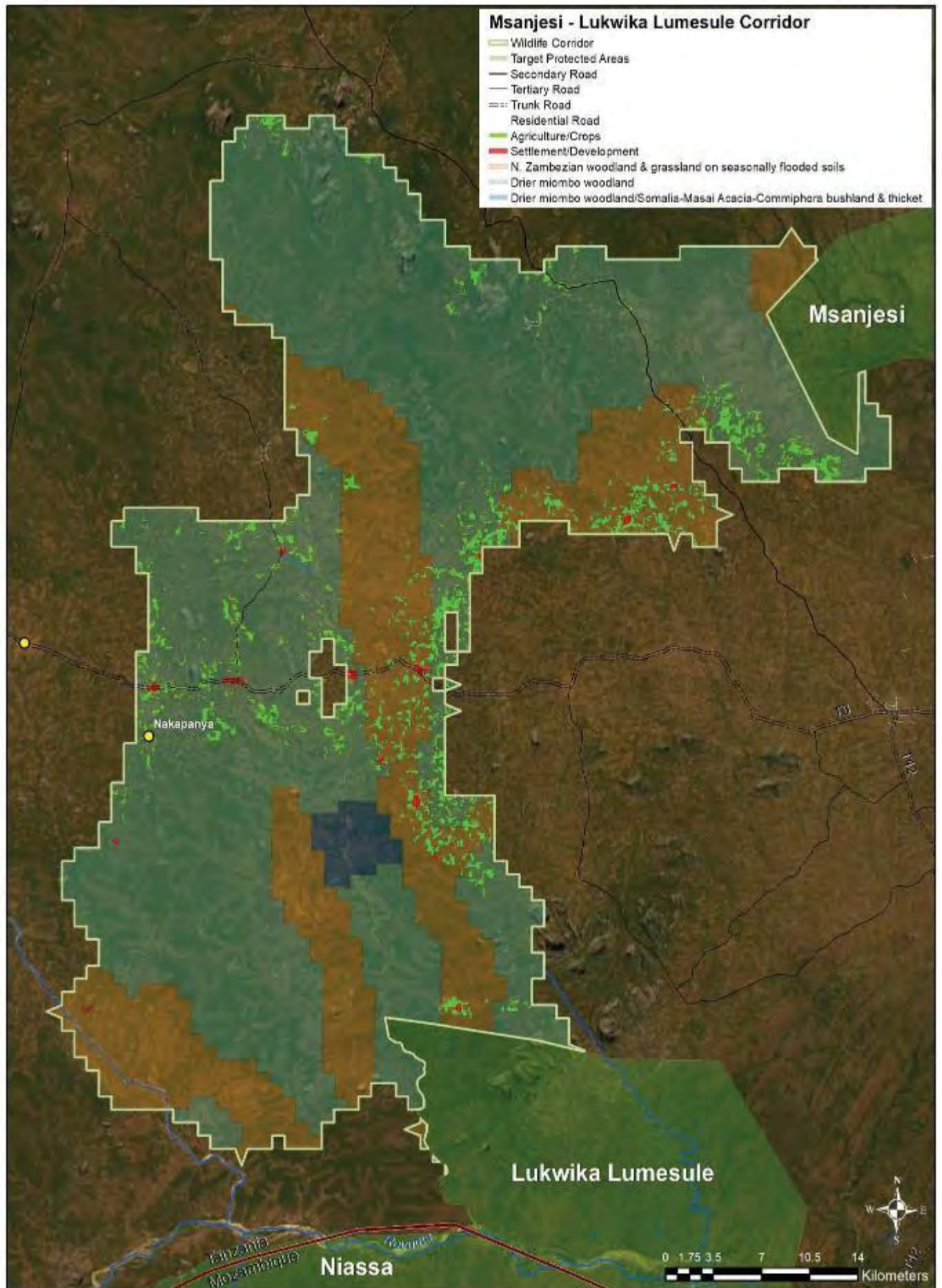
IUCN listed species whose range overlaps the Mkomazi Tsavo - Handeni corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Nothobranchius vosseleri</i>	VU	Extant (resident)	2019	IUCN
<i>Oreochromis esculentus</i>	CR	Possibly Extant & Introduced (resident)	2006	IUCN
<i>Oreochromis variabilis</i>	CR	Extant (resident)	2006	IUCN
AMPHIBIA				
<i>Afrivalus dorsimaculatus</i>	EN	Extant (resident)	2015	IUCN
<i>Arthroleptis tanneri</i>	EN	Extant (resident)	2014	IUCN & CI
<i>Phrynobatrachus krefftii</i>	EN	Extant (resident)	2012	IUCN & CI
AVES				
<i>Acrocephalus griseldis</i>	EN	Extant (passage)	2003	BLI 2017
<i>Anthreptes rubritorques</i>	VU		2016	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Cinnyris usambaricus</i>	NT		2016	BLI 2019
<i>Circaetus fasciolatus</i>	NT		2009	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)	2017	BLI 2019
<i>Phyllastrephus albigula</i>	NT		2016	BLI 2019
<i>Ploceus nicolli</i>	EN		1998	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Sheppardia gunningi</i>	NT		2016	BLI 2019
<i>Sheppardia montana</i>	EN		1998	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
<i>Turdus roehli</i>	NT		2016	BLI 2019
<i>Zosterops winifredae</i>	VU		2016	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Extant (resident)	2010	ODA
<i>Amanipodagrion gilliesi</i>	CR	Probably Extant (resident)	2010	ODA
<i>Micromacromia miraculosa</i>	CR	Extant (resident)	2010	ODA
<i>Nepogomphoides stuhlmanni</i>	VU	Probably Extant (resident)	2009	ODA
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
<i>Potamonautes raybouldi</i>	VU	Extant (resident)	2006	IUCN
<i>Potamonautes xiphoidus</i>	VU	Probably Extant (resident)	2013	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Cephalophus spadix</i>	EN	Extant (resident)	2016	IUCN
<i>Crocidura tansaniana</i>	NT	Extant (resident)	2019	IUCN SSC - SMSG
<i>Crocidura usambarae</i>	VU	Extant (resident)	2017	IUCN SSC - SMSG
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Litocranius walleri</i>	NT	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)/Possibly Extant (resident)	1999	IUCN/SSC - AESG
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)/Extinct	2019	Gerngross, P.
<i>Paragalago orinus</i>	NT	Extant (resident)	2008	IUCN
<i>Rhinolophus deckenii</i>	NT	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Afrotyphlops gierrai</i>	EN	Extant (resident)	2010	RLI & ZSL
<i>Agama montana</i>	VU	Extant (resident)	2013	IUCN
<i>Elapsoidea nigra</i>	EN	Extant (resident)	2008	RLI & ZSL
<i>Kinyongia multituberculata</i>	EN	Extant (resident)	2014	IUCN
<i>Lygodactylus gravis</i>	VU	Extant (resident)	2010	RLI & ZSL
<i>Malacochersus tornieri</i>	CR	Extant (resident)	2018	CRF
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Msanjesi – Lukwika Lumesule



Summary of Results for Conservation Value Criteria for Msanjesi - Lukwika Lumesule					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	35	3	9		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	0	0	0.00%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	14,173	42,367	Small - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	195189	95.8	4.2	6902	336
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	33.8	163	572	409	22
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	31		31		
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	14712		14712	74119	20%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	195189	95.8	4.2	6902	336
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	0.5	100	99.49	61878.57	30.587
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	1951.89	106.286	0.0545	0.0535	1.2618
Threat from Invasive Species	Invasive Species Count 6				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	1784	15	4		

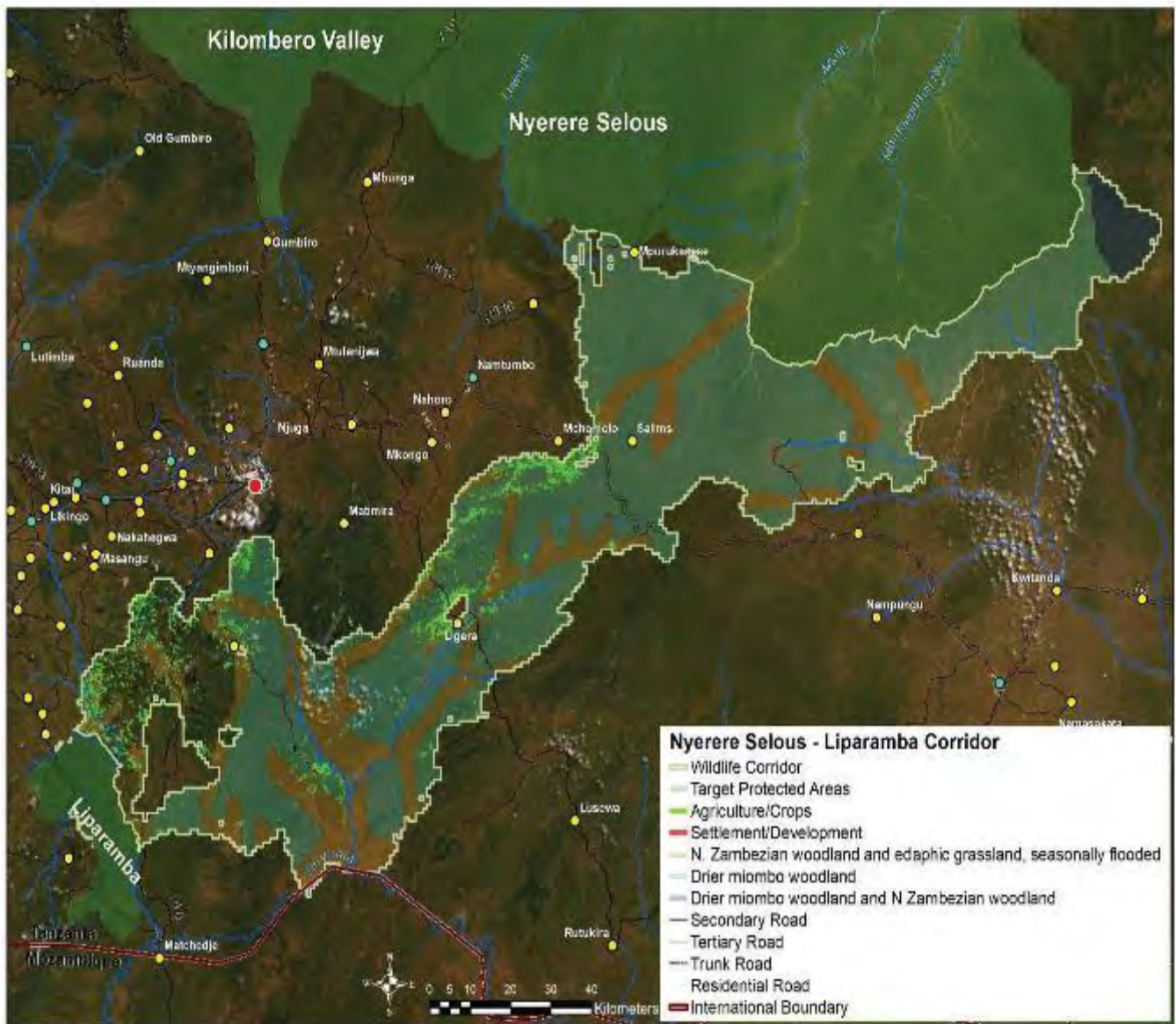
Vegetation and Land Cover Msanjesi - Lukwika Lumesule Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Drier miombo woodland	133,238
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	51,941
Agriculture/Crops	6,902
Settlement/Development	336
Transitional zone of drier miombo woodland and Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	2,772

IUCN species whose range overlaps the Msanjesi - Lukwika Lumesule corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Aplocheilichthys sp. nov. 'Rovuma'</i>	VU	Probably Extant (resident)	2008	SAIAB
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Dendropicos stierlingi</i>	NT		2014	BLI 2019
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Loxodonta africana</i>	VU	Extant (resident)	2000	IUCN/SSC - AESG
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Cycloderma frenatum</i>	EN	Extant (resident)	2016	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN



Summary of Results for Conservation Value Criteria for Nyerere Selous - Liparamba					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	78	37	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	776133	4,950,715	16%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	4,890,230	60,485	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	1030050	98	2.1	16950	1497
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	65.0	40	1393	1353	58
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	47	6	53		
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	534461		534461	241925	221%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	1030050	98	2.1	16950	1497
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	0.91	100	99.09	149379.81	25.786
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	10300.50	315.787	0.0307	0.0315	1.1440
Threat from Invasive Species	Invasive Species Count 10				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	2201	15	6		

Vegetation and Land Cover Nyerere Selous - Liparamba Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Drier miombo woodland	684,453
Catena of North Zambeziian Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	225,707
Agriculture/Crops	16,950
Settlement/Development	1,497
Transitional zone of drier miombo woodland and North Zambeziian Undifferentiated woodland	24,198

IUCN listed species whose range overlaps the Nyerere Selous - Liparamba corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Aplocheilichthys</i> sp. nov. 'Rovuma'	VU	Probably Extant (resident)	2008	SAIAB
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Dendropicos stierlingi</i>	NT		2014	BLI 2019
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Necrosyrtes monachus</i>	CR	Extant (resident)/Extinct	2017	BLI 2017
<i>Ploceus olivaceiceps</i>	NT		2016	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Allocnemis abbotti</i>	NT	Probably Extant (resident)	2010	ODA
<i>Allocnemis montana</i>	EN	Probably Extant (resident)	2010	ODA
<i>Nepogomphoides stuhlmanni</i>	VU	Probably Extant (resident)	2009	ODA
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Ceratotherium simum</i>	NT	Extant & Reintroduced (resident)	2020	IUCN
<i>Ceratotherium simum ssp. simum</i>	NT	Extant & Reintroduced (resident)	2020	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	1999	IUCN/SSC - AESG
<i>Loxodonta africana</i>	VU	Extant (resident)/Possibly Extant (resident)	1998	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Cycloderma frenatum</i>	EN	Extant (resident)	2016	IUCN
PLANTAE				
LILIOPSISIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Nyerere Selous - Niassa (Mozambique)



Summary of Results for Conservation Value Criteria for Nyerere Selous - Niassa					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	76	37	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	797678	7,166,290	11%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	4,890,230	2,276,060	Large - Large		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	1659850	99	1	15774	1045
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	81.3	40	1305	1265	66
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	45	7	52	Vultures (Bracebridge & Kendall WCS NCZ), TAWIRI aerial surveys, Kajuni et al. in Debonnet & Nindi 2017, Selou Niassa Wildlife Corridor Project	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	654745	24698	679443	155104	438%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	1659850	99	1	15774	1045
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	0.2	100	99.8	234469.51	28.033
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	16598.50	431.200	0.0260	0.0265	1.7695
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	2228	15	5		

Vegetation and Land Cover Nyerere Selous - Niassa Corridor (Sources: van Bruegele et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Drier miombo woodland	1,133,600
Catena of North Zambeziian Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	376,512
Transitional zone of drier miombo woodland and North Zambeziian Undifferentiated woodland	124,215
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	5,932
Agriculture/Crops	15,100
Settlement/Development	1,045
Transitional zone of drier miombo woodland and Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	2,772

IUCN listed species whose range distributions overlap the Nyerere Selous - Niassa corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Aplocheilichthys sp. nov. 'Rovuma'</i>	VU	Probably Extant (resident)	2008	SAIAB
<i>Nothobranchius cardinalis</i>	VU	Extant (resident)	2019	IUCN
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Dendropicos stierlingi</i>	NT		2014	BLI 2019
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Necrosyrtes monachus</i>	CR	Extant (resident)/Extinct	2017	BLI 2017
<i>Ploceus olivaceiceps</i>	NT		2016	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Probably Extant (resident)	2010	ODA
<i>Allocnemis montana</i>	EN	Probably Extant (resident)	2010	ODA
<i>Nepogomphoides stuhlmanni</i>	VU	Probably Extant (resident)	2009	ODA
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Ceratotherium simum</i>	NT	Extant & Reintroduced (resident)	2020	IUCN
<i>Ceratotherium simum ssp. simum</i>	NT	Extant & Reintroduced (resident)	2020	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	1999	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Rhinolophus deckenii</i>	NT	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Cycloderma frenatum</i>	EN	Extant (resident)	2016	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN



Summary of Results for Conservation Value Criteria for Nyerere Selous - Saadani					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	90	42	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	884906	5,007,925	18%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	4,890,230	117,695	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	296910	95.5	0.5	1042	409
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	82.5	3	1305	1302	66
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	63	3	66		
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	117095	2204	119299	149113	80%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	296910	95.5	0.5	1042	409
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	3.05	100	96.95	100770.32	36.418
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	2969.10	296.445	0.0998	0.0992	1.9282
Threat from Invasive Species	Invasive Species Count 22				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	541	10	4		

Vegetation and Land Cover Nyerere Selous - Saadani Corridor (Sources: van Bruegele et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Coastal mosaic	295,459
Agriculture/Crops	1,042
Settlement/Development	409

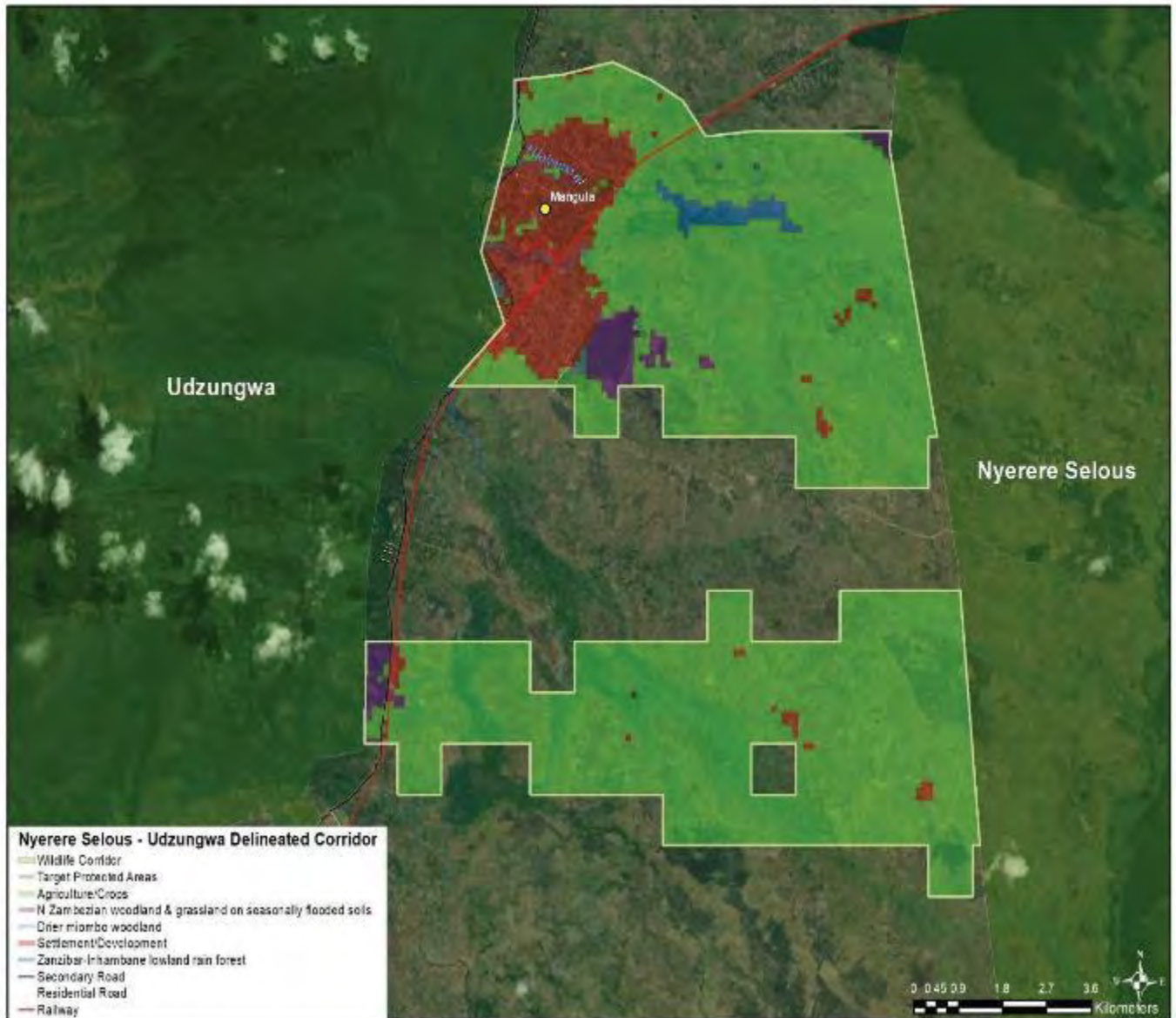
IUCN listed species whose range overlaps the Nyerere Selous - Saadani corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Aplocheilichthys lacustris</i>	VU	Extant (resident)	2006	IUCN
<i>Distichodus petersii</i>	VU	Extant (resident)	2006	IUCN
<i>Enteromius laticeps</i>	VU	Extant (resident)	2006	IUCN
<i>Kneria uluguru</i>	VU	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
<i>Nothobranchius annectens</i>	NT	Extant (resident)	2019	IUCN
<i>Nothobranchius flammicomantis</i>	VU	Extant (resident)	2019	IUCN
<i>Nothobranchius foerschi</i>	VU	Extant (resident)	2019	IUCN
<i>Nothobranchius ocellatus</i>	NT	Extant (resident)	2019	IUCN
<i>Zaireichthys wamiensis</i>	VU	Extant (resident)	2006	IUCN
AMPHIBIA				
<i>Afrivalus sylvaticus</i>	VU	Extant (resident)	2015	IUCN
AVES				
<i>Acrocephalus griseldis</i>	EN	Extant (non-breeding)/(passage)	2003	BLI 2017
<i>Anthreptes reichenowi</i>	NT	Extant (resident)	2009	BLI 2016
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circaetus fasciolatus</i>	NT		2009	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco concolor</i>	VU		2019	BLI 2019
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Limosa lapponica</i>	NT	Extant (passage)	2006	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Numenius arquata</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Tauraco fischeri</i>	NT		2013	BLI 2019
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Extant (resident)	2010	ODA
<i>Nepogomphoides stuhlmanni</i>	VU	Probably Extant (resident)	2009	ODA
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
<i>Potamonautes unisulcatus</i>	VU	Extant (resident)	2006	IUCN
MAMMALIA				
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Kerivoula africana</i>	EN	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2006	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Rhinolophus deckenii</i>	NT	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Taphozous hildegardeae</i>	VU	Extant (resident)	2008	IUCN
REPTILIA				
<i>Cycloderma frenatum</i>	EN	Extant (resident)	2016	IUCN
<i>Gastropholis prasina</i>	NT	Extant (resident)	2013	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Nyerere- Selous - Udzungwa



Summary of Results for Conservation Value Criteria for Nyerere Selous - Udzungwa					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	107	77	17		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	1018000	5,233,013	19%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	4,890,230	342,783	Large - Medium		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	8870	4	96	7548	940
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	88.8	40	2476	2436	84
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	46		46	Jones et al. 2007, 2012, STEP unpublished, Marshall 2008, Jones et al. in Debonnet & Nindi 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	3764		3764	9372	40%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	8870	4	96	7548	940
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	6.42	100	93.58	14273.71	56.195
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	121.03	26.659	0.2203	0.2990	2.2293
Threat from Invasive Species	Invasive Species Count 3				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	388	10	1		

Vegetation and Land Cover Nyerere Selous - Udzungwa Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

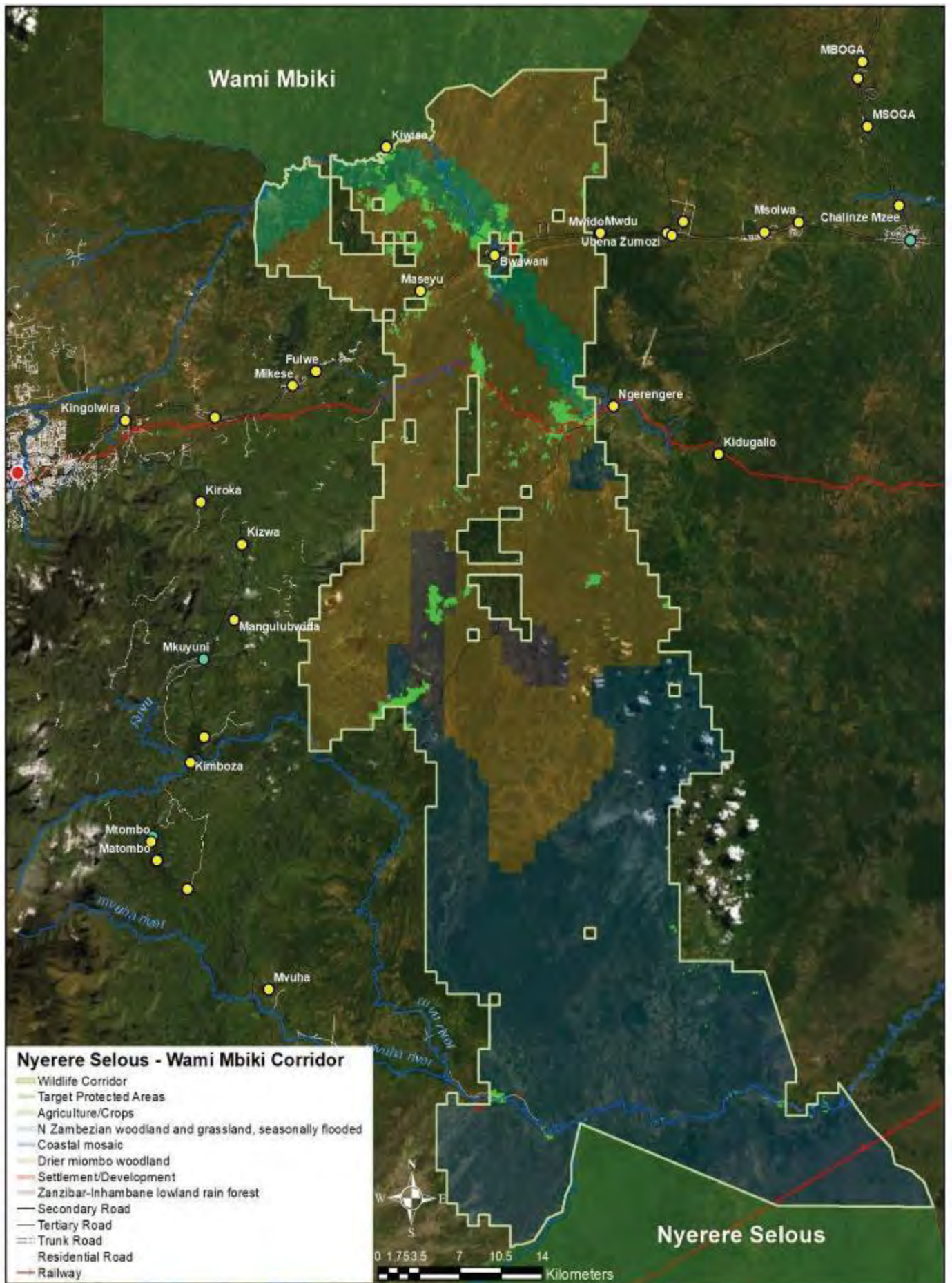
Vegetation / Land Cover Type	Hectares
Zanzibar-Inhambane lowland rain forest	114
Drier miombo woodland	26
Catena of North Zambezian Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	242
Agriculture/Crops	7,548
Settlement/Development	940

IUCN listed species whose range overlaps the Nyerere Selous – Udzungwa corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
AMPHIBIA				
<i>Leptopelis uluguruensis</i>	NT	Extant (resident)	2015	IUCN
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Cinnyris moreau</i>	NT		2009	BLI 2019
<i>Circaetus fasciolatus</i>	NT		2009	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trionoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Probably Extant (resident)	2010	ODA
<i>Nepogomphoides stuhlmanni</i>	VU	Probably Extant (resident)	2009	ODA
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Crocidura telfordi</i>	VU	Extant (resident)	2008	IUCN
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Kobus vardonii</i>	NT	Extant (resident)	2016	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2006	IUCN/SSC - AESG
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Ptilocolobus gordonorum</i>	VU	Extant (resident)	2019	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Cycloderma frenatum</i>	EN	Extant (resident)	2016	IUCN
<i>Cycloderma frenatum</i>	EN	Extant (resident)	2016	IUCN
<i>Kinyongia magomberae</i>	EN	Extant (resident)	2014	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Nyerere-Selous – Wami Mbiki



Summary of Results for Conservation Value Criteria for Nyerere Selous - Wami Mbiki					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	78	41	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	776133	5,141,417	15%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	4,890,230	251,187	Large - Medium		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	215890	98	2	3708	183
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	67.5	40	1305	1265	59
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	52	4	56	Vultures (Bracebridge & Kendall WCS NCZ)	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	102812		102812	92119	112%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	215890	98	2	3708	183
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	1.32	100	98.68	74123.81	38.706
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	2158.90	169.568	0.0785	0.0818	1.8099
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	538	10	3		

Vegetation and Land Cover Nyerere Selous - Wami Mbiki Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

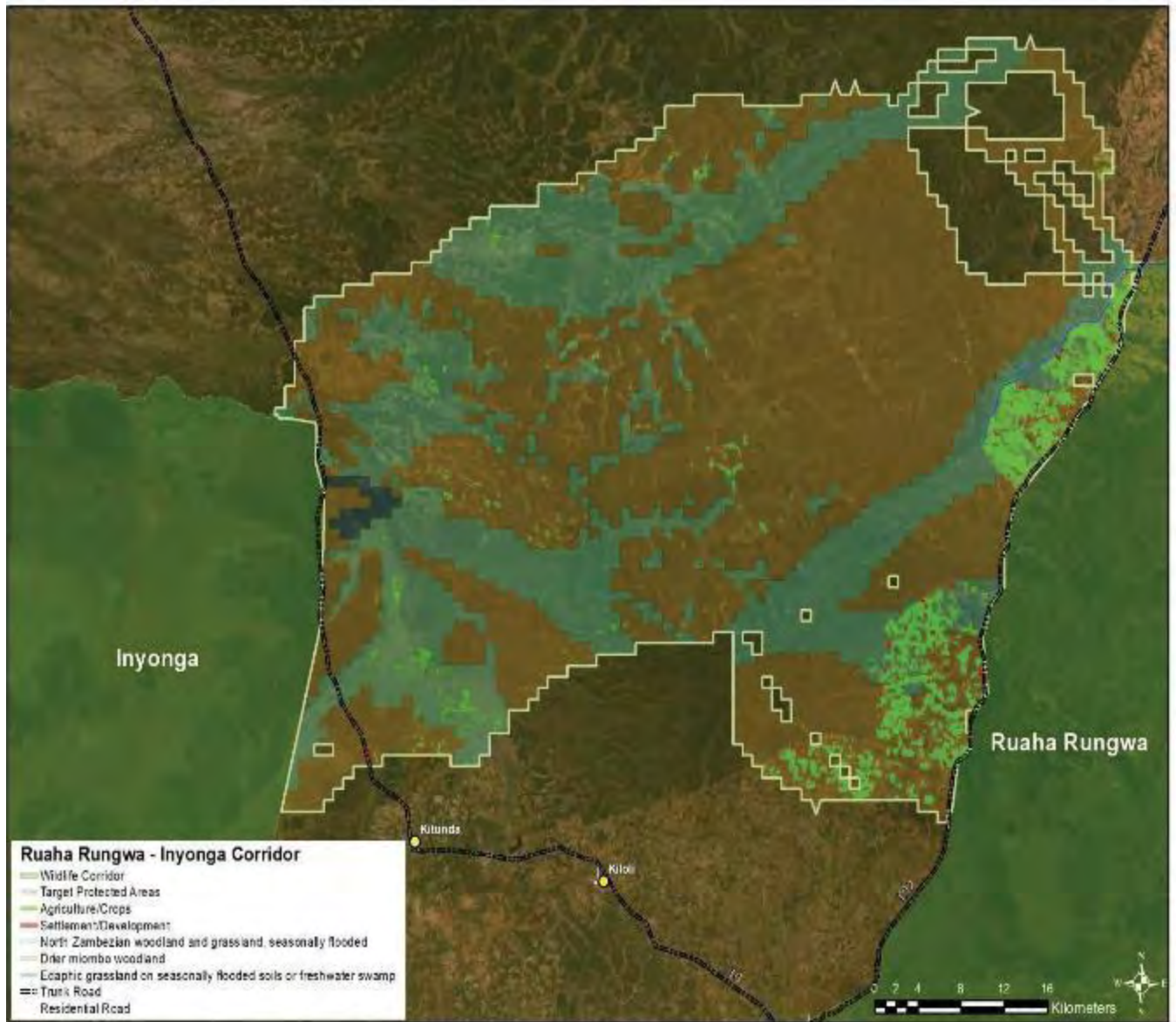
Vegetation / Land Cover Type	Hectares
Zanzibar-Inhambane lowland rain forest	6,805
Coastal mosaic	96,838
Drier miombo woodland	97,054
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	11,302
Agriculture/Crops	3,708
Settlement/Development	183

IUCN listed species whose range overlaps the Nyerere Selous - Wami Mbiki corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Aplocheilichthys lacustris</i>	VU	Extant (resident)	2006	IUCN
<i>Distichodus petersii</i>	VU	Extant (resident)	2006	IUCN
<i>Kneria uluguru</i>	VU	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
AMPHIBIA				
<i>Leptopelis parkeri</i>	EN	Extant (resident)	2012	IUCN & CI
AVES				
<i>Acrocephalus griseldis</i>	EN	Extant (non-breeding)/(passage)	2003	BLI 2017
<i>Anthreptes reichenowi</i>	NT	Extant (resident)	2009	BLI 2016
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circaetus fasciolatus</i>	NT		2009	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Extant (resident)	2010	ODA
<i>Nepogomphoides stuhlmanni</i>	VU	Probably Extant (resident)	2009	ODA
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
<i>Potamonautes unisulcatus</i>	VU	Extant (resident)	2006	IUCN
MAMMALIA				
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Kerivoula africana</i>	EN	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)/Possibly Extant	2006	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Rhinolophus deckenii</i>	NT	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Cycloderma frenatum</i>	EN	Extant (resident)	2016	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Ruaha- Rungwa – Inyonga



Summary of Results for Conservation Value Criteria for Ruaha Rungwa - Inyonga					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	76	31	17		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	9661	4,400,341	0.22%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	3,748,770	651,571	Large - Medium		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	311036	97	3	10411	343
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	51.3	722	1865	1143	46
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	51	4	55	Vultures (Bracebridge & Kendall WCS NCZ), Kalumanga 2015; aerial surveys multiple species WCS	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	157947		157947	74492	212%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	311036	97	3	10411	343
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	5.62	100	94.38	10539.17	22.094
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	3110.35	66.934	0.0215	0.0173	0.9018
Threat from Invasive Species	Invasive Species Count 6				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	83	5	2		

Vegetation and Land Cover Ruaha Rungwa - Inyonga Corridor (Sources: van Bruegele et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Drier miombo woodland	190,703
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	107,820
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	1,759
Agriculture/Crops	10,411
Settlement/Development	343

IUCN listed species whose range overlaps the Ruaha Rungwa – Inyonga corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Chiloglanis mbozi</i>	VU	Extant (resident)	2006	IUCN
<i>Chiloglanis rukwaensis</i>	VU	Extant (resident)	2006	IUCN
<i>Enteromius pseudotoppini</i>	VU	Extant (resident)	2006	IUCN
<i>Nothobranchius rungwaensis</i>	VU	Extant (resident)	2019	IUCN
<i>Nothobranchius seegersi</i>	VU	Extant (resident)	2019	IUCN
<i>Nothobranchius streltsovi</i>	VU	Extant (resident)	2019	IUCN
<i>Oreochromis rukwaensis</i>	VU	Extant (resident)	2006	IUCN
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extinct	2017	BLI 2019
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2006	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Ruaha- Rungwa – Katavi Complex



Summary of Results for Conservation Value Criteria for Ruaha Rungwa - Katavi Complex					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	90	37	18		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	290967	5,298,530	5%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	3,748,770	1,549,760	Large - Large		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	814075	99	1.1	7966	1034
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	72.5	722	2001	1279	61
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	52	4	56	Bracebridge & Kendall WCS NCZ, Epps et al. 2013, TAWIRI aerial surveys, WCS aerial surveys, Lobora 2017, Davenport and Nichols in Debonnet & Nindi 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	0		0		0%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	814075	99	1.1	7966	1034
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	1.66	100	98.34	62665.61	21.220
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	8140.75	95.733	0.0118	0.0116	1.1886
Threat from Invasive Species	Invasive Species Count				
	0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	116	5	4		

Vegetation and Land Cover Ruaha Rungwa - Katavi Complex Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

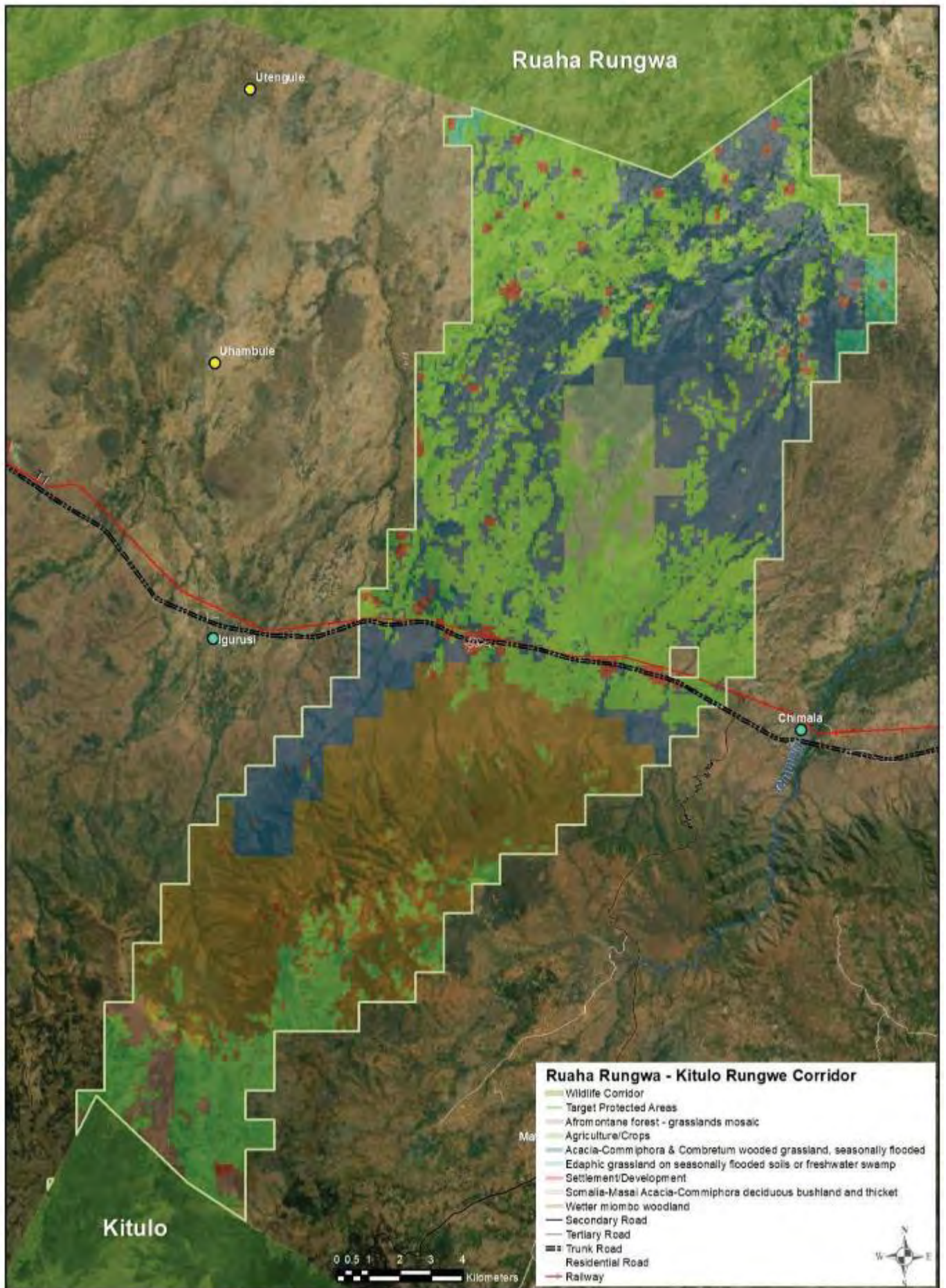
Vegetation / Land Cover Type	Hectares
Wetter miombo woodland	45151
Drier miombo woodland	674477
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	78530
Swamp forest or riverine wooded vegetation	3661
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	1443
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	1812
Agriculture/Crops	7966
Settlement/Development	1034

IUCN species whose range overlaps the Ruaha Rungwa - Katavi Complex corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Aplocheilichthys usanguensis</i>	VU	Extant (resident)	2006	IUCN
<i>Chiloglanis mbozi</i>	VU	Extant (resident)	2006	IUCN
<i>Chiloglanis rukwaensis</i>	VU	Extant (resident)	2006	IUCN
<i>Enteromius pseudotoppini</i>	VU	Extant (resident)	2006	IUCN
<i>Oreochromis rukwaensis</i>	VU	Extant (resident)	2006	IUCN
<i>Parakneria tanzaniae</i>	VU	Extant (resident)	2006	IUCN
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Bugeranus carunculatus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neotis denhami</i>	NT		2013	BLI 2019
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)/Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2002	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)/Extinct	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Ruaha- Rungwa – Kitulo Rungwe



Summary of Results for Conservation Value Criteria for Ruaha Rungwa - Kitulo Rungwe					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	86	48	17		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	68007	3,807,121	2%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	3,748,770	58,351	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	34409	62	38	12478	541
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	60.0	722	2878	2156	70
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	46		46	SPANEST reports	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	0		0		0%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	34409	62	38	12478	541
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	15.41	100	84.59	34492	48.717
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	344.09	51.163	0.1487	0.1436	2.4184
Threat from Invasive Species	Invasive Species Count				
	5				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	33	1	3		

Vegetation and Land Cover Ruaha Rungwa - Kitulo Rungwe Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

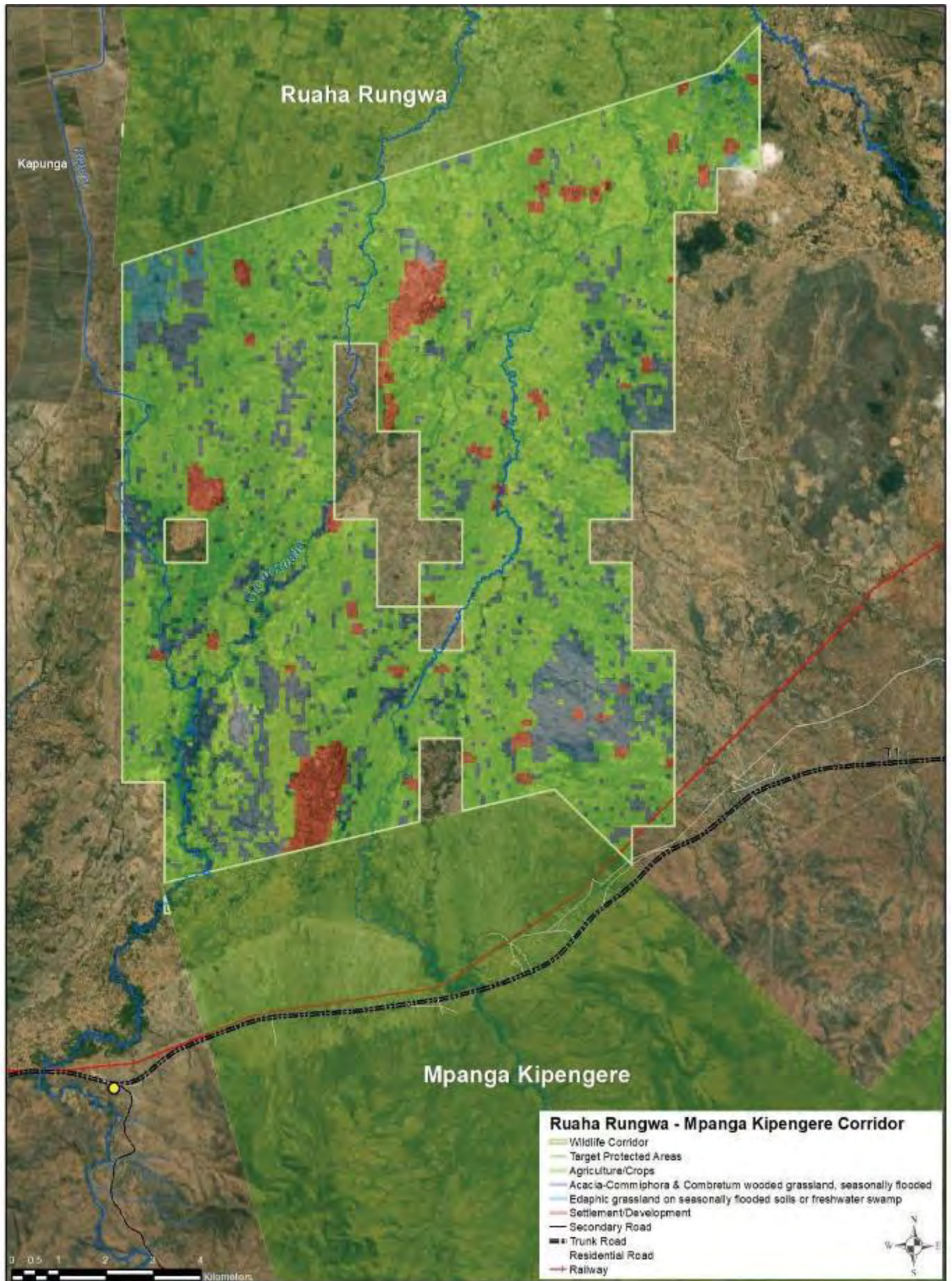
Vegetation / Land Cover Type	Hectares
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	1333
Wetter miombo woodland	8585
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	333
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	10480
Afromontane forest - grasslands mosaic	659
Agriculture/Crops	12478
Settlement/Development	541

IUCN listed species whose range overlaps the Ruaha Rungwa – Kitulo Rungwe corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Aplocheilichthys usanguensis</i>	VU	Extant (resident)	2006	IUCN
<i>Nothobranchius usanguensis</i>	VU	Extant (resident)	2019	IUCN
<i>Parakneria tanzaniae</i>	VU	Extant (resident)	2006	IUCN
AVES				
<i>Agapornis lilliana</i>	NT		2017	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Bugeranus carunculatus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (breeding/passage)	1999	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neotis denhami</i>	NT		2013	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Crocidura desperata</i>	VU	Extant (resident)	2008	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Otomys lacustris</i>	VU	Extant (resident)	2008	IUCN
<i>Panthera leo</i>	VU	Possibly Extinct	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Atheris barbouri</i>	VU	Extant (resident)	2014	RLI & ZSL
<i>Atheris matildae</i>	CR	Extant (resident)	2013	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Ruaha- Rungwa – Mpanga Kipengere



Summary of Results for Conservation Value Criteria for Ruaha Rungwa - Mpanga Kipengere					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	82	40	16		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	124631	3,910,949	3%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	3,748,770	162,179	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	14705	20	80	11045	679
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	66.3	722	2815	2093	73
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	41		41	SPANEST Reports, Davenport & Nichols in Debonnet & Nindi 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	46160		46160	14245	324%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	14705	20	80	11045	679
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	15.37	100	84.63	20561.81	51.404
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	147.05	1.364	0.0093	0.0151	1.6141
Threat from Invasive Species	Invasive Species Count 1				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	33	1	1		

Vegetation and Land Cover Ruaha Rungwa - Mpanga Kipengere Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

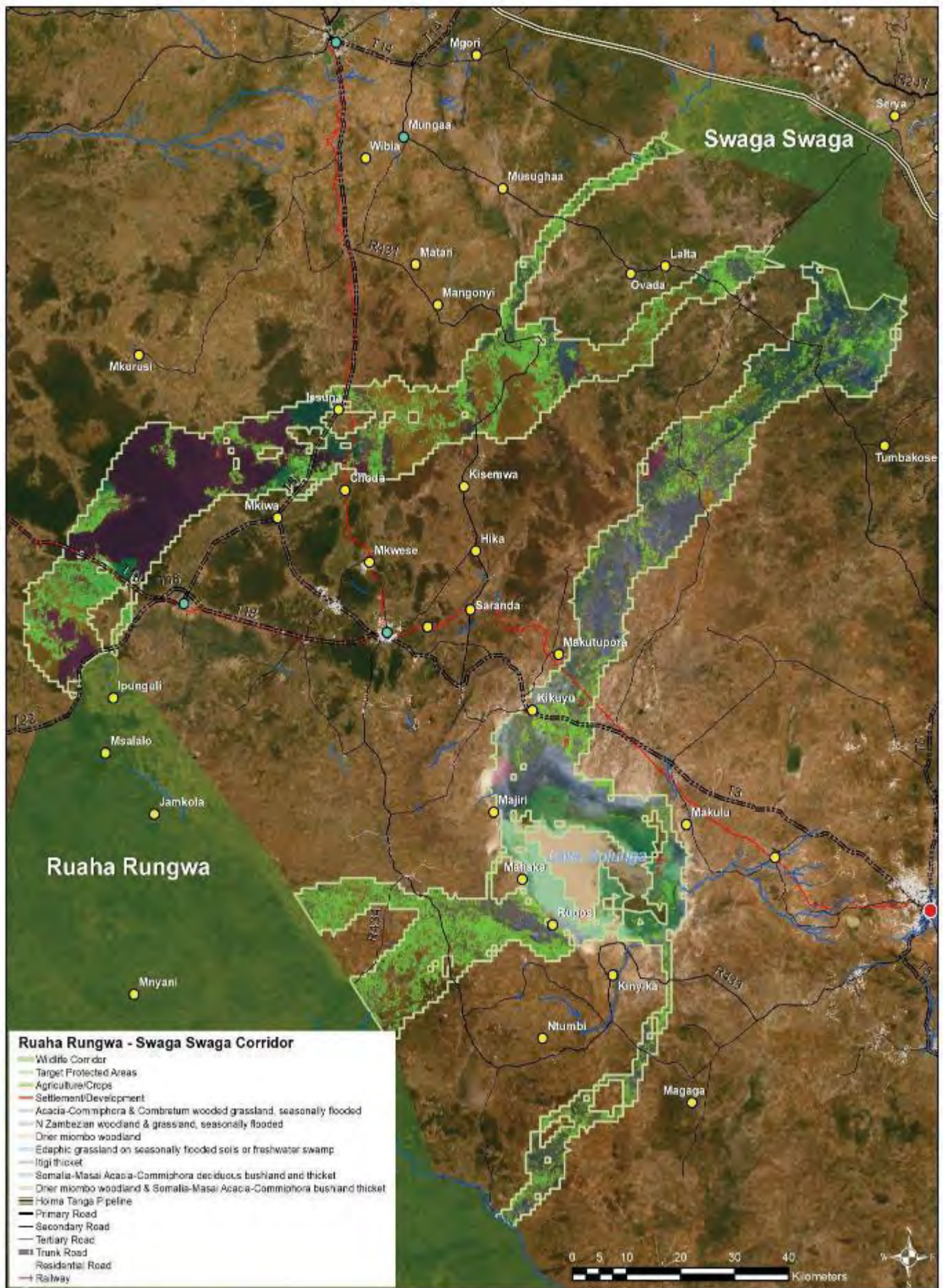
Vegetation / Land Cover Type	Hectares
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	269
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	2712
Agriculture/Crops	11045
Settlement/Development	679

IUCN listed species whose range overlaps the Ruaha Rungwa - Mpanga Kipengere corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Aplocheilichthys usanguensis</i>	VU	Extant (resident)	2006	IUCN
<i>Nothobranchius usanguensis</i>	VU	Extant (resident)	2019	IUCN
<i>Parakneria tanzaniae</i>	VU	Extant (resident)	2006	IUCN
AVES				
<i>Agapornis lilliana</i>	NT		2017	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Bugeranus carunculatus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (breeding/passage))	1999	BLI 2019
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neotis denhami</i>	NT		2013	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hydricteis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Ruaha- Rungwa - Swaga Swaga



Summary of Results for Conservation Value Criteria for Ruaha Rungwa - Swaga Swaga					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	76	32	16		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	9661	3,837,639	0.3%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	3,748,770	88,869	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	462120	74	26	115599	3423
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	46.3	722	1865	1143	43
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	54		54		
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	163657	30704	194361	191514	101%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	462120	74	26	115599	3423
Human Influence in Buffer around Corridor	Minimum	Maximum	Range	Sum	Mean
	2.5	100	99.99	343104.85	41.669
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	4621.20	268.907	0.0582	0.0584	2.3329
Threat from Invasive Species	Invasive Species Count 25				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	1399	15	6		

Vegetation and Land Cover Ruaha Rungwa - Swaga Swaga Corridor (Sources: van Bruegele et al. 2015 Buchhorn et al. 2019)

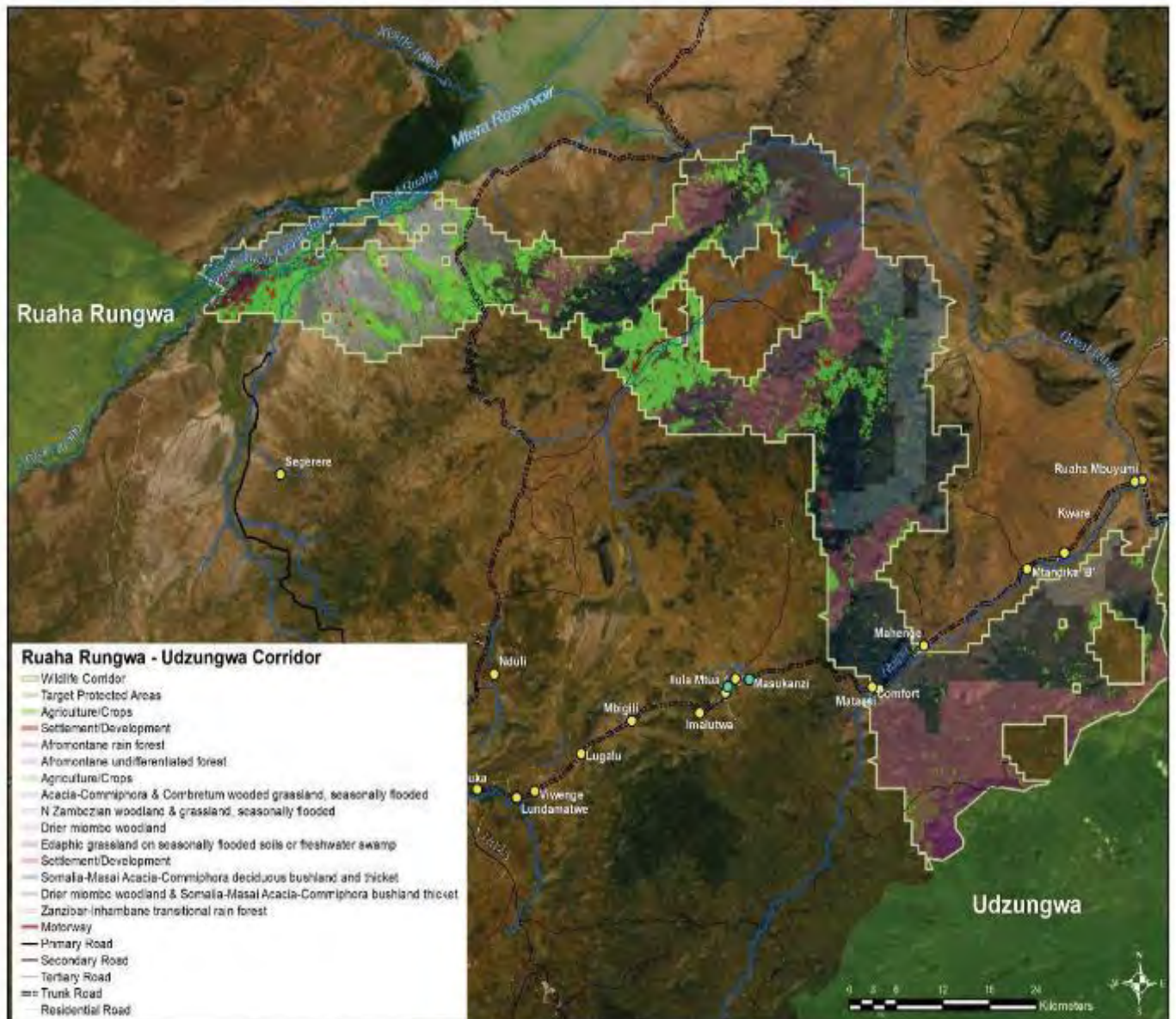
Vegetation / Land Cover Type	Hectares
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	84115
Itigi thicket	74519
Drier miombo woodland	35419
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	7263
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	44559
Transitional zone of drier miombo woodland and Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	17254
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	71805
Agriculture/Crops	115599
Settlement/Development	3423

IUCN listed species whose range overlaps the Ruaha - Swaga Swaga corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Distichodus petersii</i>	VU	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
<i>Nothobranchius angelae</i>	VU	Extant (resident)	2019	IUCN
<i>Nothobranchius taeniopygus</i>	VU	Extant (resident)	2019	IUCN
<i>Nothobranchius torgashevi</i>	VU	Extant (resident)	2019	IUCN
<i>Oreochromis amphimelas</i>	EN	Extant (resident)	2006	IUCN
AVES				
<i>Aquila nipalensis</i>			2019	BLI 2016
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idea</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>			2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>			2017	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)/Extinct	2017	BLI 2019
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>			2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopus ecaudatus</i>			2006	BLI 2019
<i>Torgos tracheliotos</i>			2019	BLI 2019
<i>Trigonoceps occipitalis</i>			2015	BLI 2019
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)/Possibly Extant	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)/Possibly Extant	2003	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)/Possibly Extinct	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)/Extinct	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Malacochersus tornieri</i>	CR	Extant (resident)	2018	CRF
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Ruaha- Rungwa – Udzungwa



Summary of Results for Conservation Value Criteria for Ruaha Rungwa - Udzungwa					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	117	80	20		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global200 Area (HA)	Total Area of Pair (HA)	% of Pair		
	251523	4,091,553	6%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	3,748,770	342,783	Large - Medium		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	244725	89	10.75	24608	1626
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	71.3	284	2476	2192	76
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	70	2	72	Elephant, multiple species (Epps et al. 2011; 2013), TAWIRI Report, Epps et al. in Debonnet & Nindi 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	205254		205254	171149	120%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	244725	89	10.75	24608	1626
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	2.42	100	97.58	115970.73	36.218
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km linear infrastructure per km ²	Mean Density	Maximum
	2447.25	129.284	0.0528	0.0520	1.8076
Threat from Invasive Species	Invasive Species Count				
	33				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	812	10	4		

Vegetation and Land Cover Ruaha Rungwa - Udzungwa Corridor (Sources: van Bruegele et al. 2015, Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Afromontane rain forest	3916
Afromontane undifferentiated forest	853
Zanzibar-Inhambane transitional rain forest	2017
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	
	88172
Drier miombo woodland	52488
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	4056
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	2560
Transitional zone of drier miombo woodland and Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	10808
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	53623
Agriculture/Crops	24608
Settlement/Development	1626

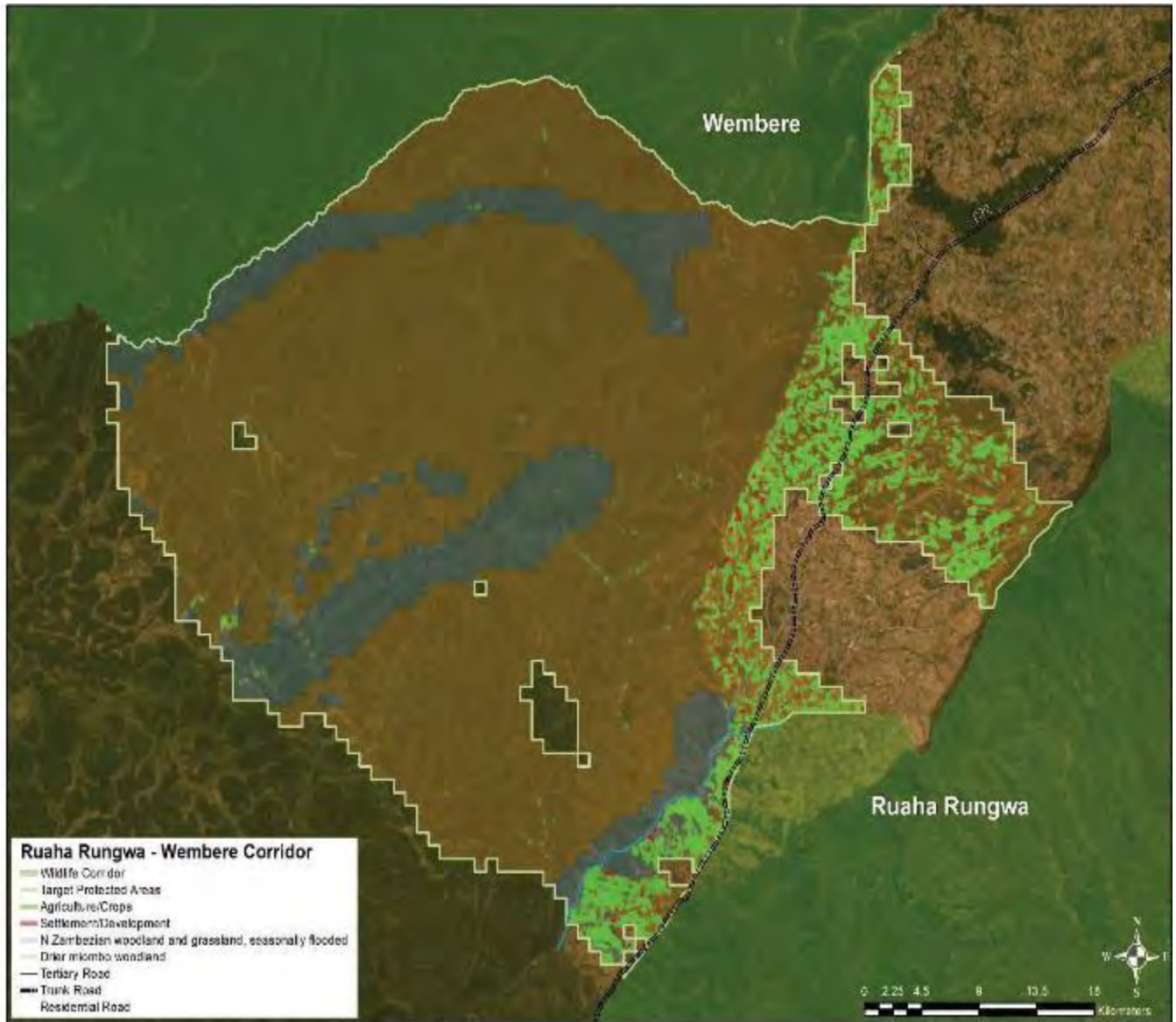
IUCN listed species whose range overlaps the Ruaha Rungwa - Udzungwa corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Distichodus petersii</i>	VU	Extant (resident)	2006	IUCN
<i>Kneria ruaha</i>	VU	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
AMPHIBIA				
<i>Arthroleptides yakusini</i>	EN	Extant (resident)	2013	IUCN & CI
<i>Hoplophryne uluguruensis</i>	EN	Extant (resident)	2012	IUCN & CI
<i>Leptopelis uluguruensis</i>	NT	Extant (resident)	2015	IUCN
AVES				
<i>Anthreptes rubritorques</i>	VU		2016	BLI 2019
<i>Apalis chariessa</i>	NT		2016	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Arcanator orostruthus</i>	VU		2012	BLI 2019
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Cinnyris moreau</i>	NT		2009	BLI 2019
<i>Cinnyris rufipennis</i>	VU		1998	BLI 2019
<i>Circaetus fasciolatus</i>	NT		2009	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hedydipna pallidigaster</i>	EN		1998	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Ploceus nicolli</i>	EN		1998	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Scepomycter winifredae</i>	VU		1999	BLI 2019
<i>Sheppardia lowei</i>	VU		1998	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Swynnertonia swynnertoni</i>	VU		2012	BLI 2019
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
<i>Xenoperdix udzungwensis</i>	EN		2000	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Probably Extant (resident)	2010	ODA
<i>Nepogomphoides stuhlmanni</i>	VU	Probably Extant (resident)	2009	ODA
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Cephalophus spadix</i>	EN	Extant (resident)	2016	IUCN
<i>Congosorex phillipsorum</i>	CR	Extant (resident)	2008	IUCN
<i>Crocidura telfordi</i>	VU	Extant (resident)	2008	IUCN
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2006	IUCN/SSC - AESG
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Otomys lacustris</i>	VU	Extant (resident)	2008	IUCN
<i>Panthera leo</i>	VU	Extant (resident)/Possibly Extinct	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Paragalago orinus</i>	NT	Extant (resident)	2008	IUCN
<i>Rhynchocyon udzungwensis</i>	VU	Extant (resident)	2008	Rovero, F.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Atheris ceratophora</i>	VU	Extant (resident)	2013	IUCN
<i>Kinyongia oxyrhina</i>	NT	Extant (resident)	2014	IUCN
PLANTAE				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Ruaha-Rungwa - Wembere



Summary of Results for Conservation Value Criteria for Ruaha Rungwa - Wembere					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	76	31	17		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	9661	4,292,587	0.23%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	3,748,770	543,817	Large - Medium		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	238844	94	6.2	13981	512
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	51.3	722	1865	1143	46
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	45	4	49	Vultures (Bracebridge & Kendall WCS NCZ), TAWIRI reports	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	134615		134615	43391	310%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	238844	94	6.2	13981	512
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	2.15	100	97.85	25764.86	22.462
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	2388.44	28.107	0.0118	0.0107	0.6476
Threat from Invasive Species	Invasive Species Count 10				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	83	5	2		

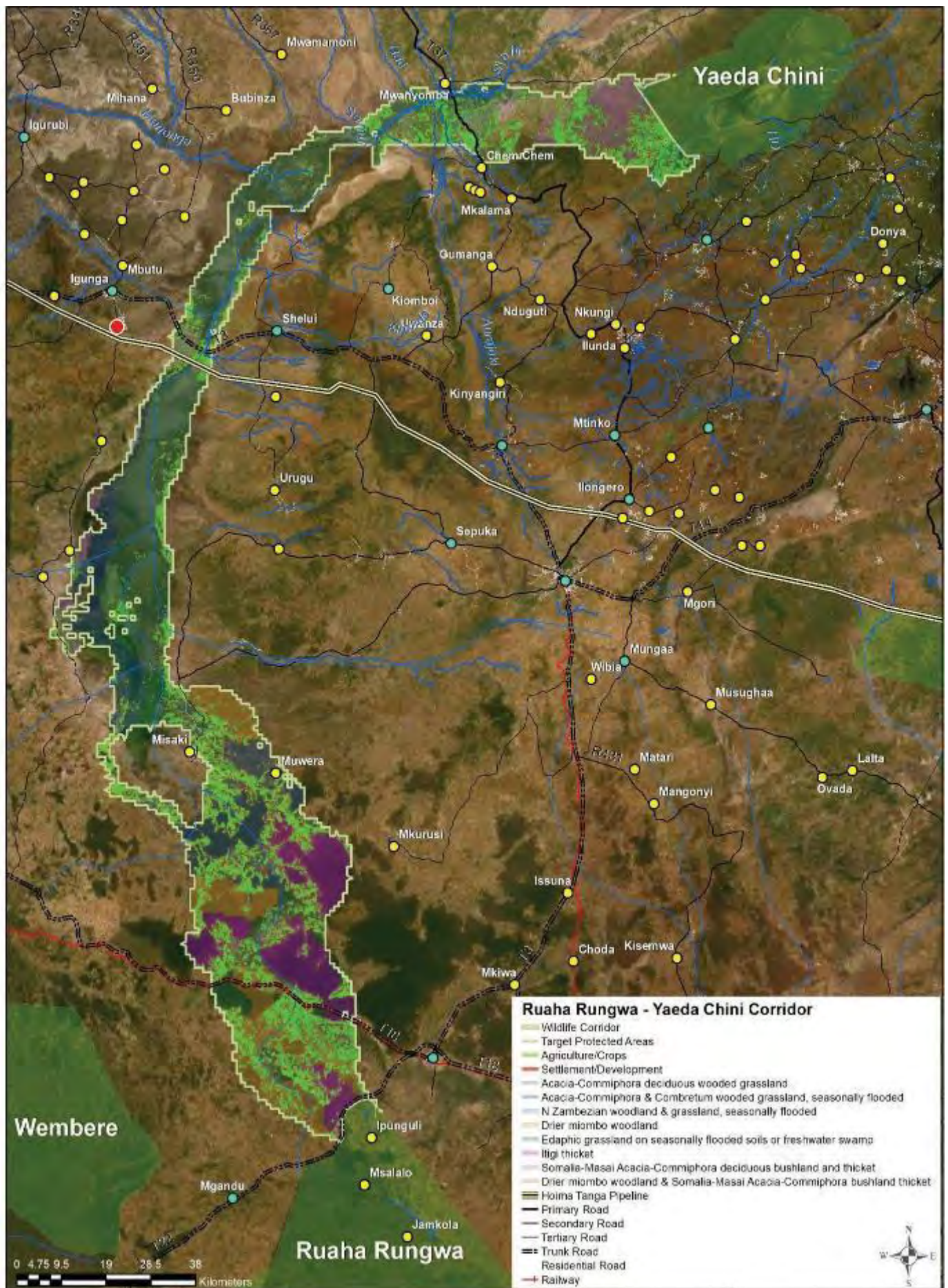
Vegetation and Land Cover Ruaha Rungwa - Wembere Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Drier miombo woodland	187309
Catena of North Zambebian Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	37043
Agriculture/Crops	13981
Settlement/Development	512

IUCN listed species whose range overlaps the Ruaha Rungwa - Wembere corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
ACTINOPTERYGII				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Distichodus petersii</i>	VU	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)	2017	BLI 2019
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2006	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN



Summary of Results for Conservation Value Criteria for Ruaha Rungwa -Yaeda Chini					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	80	34	16		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	9661	3,838,622	0.25%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	3,748,770	89,852	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	479767	76	23.7	108852	3138
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	47.5	722	1900	1178	44
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	56	3	59	TAWIRI reports	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	500468	21485	521953	326499	160%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	479767	76	23.7	108852	3138
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	0	100	100	239585.43	41.137
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	4797.68	211.774	0.0441	0.0445	1.7541
Threat from Invasive Species	Invasive Species Count				
	2				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	407	10	10		

Vegetation and Land Cover Ruaha Rungwa - Yaeda Chini Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	30104
Itigi thicket	56866
Drier miombo woodland	10703
Acacia-Commiphora deciduous wooded grassland	9697
Catena of North Zambebian Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	1561
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	155262
Transitional zone of drier miombo woodland and Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	35340
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	67194
Undifferentiated	1048
Agriculture/Crops	108852
Settlement/Development	3138

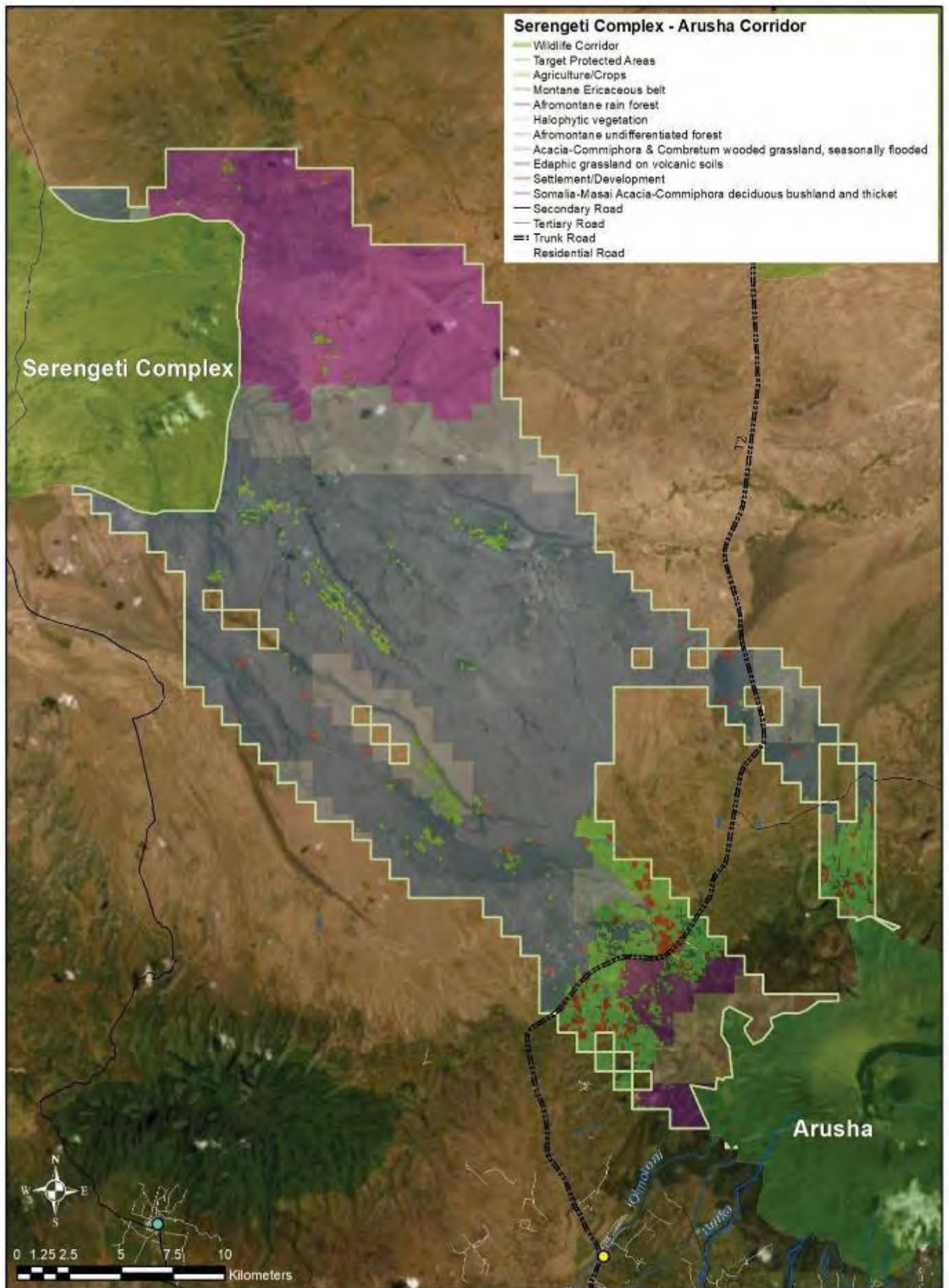
IUCN listed species whose range overlaps the Ruaha Rungwa - Yaeda Chini corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Distichodus petersii</i>	VU	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
<i>Nothobranchius taeniopygus</i>	VU	Extant (resident)	2019	IUCN
<i>Nothobranchius torgashevi</i>	VU	Extant (resident)	2019	IUCN
<i>Oreochromis amphimelas</i>	EN	Extant (resident)	2006	IUCN
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Apalis karamojae</i>	NT		2017	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)/Extinct	2017	BLI 2019
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)/Possibly Extant	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2003	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)/Extinct	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>REPTILIA</i>				
<i>Malacochersus tornieri</i>	CR	Extant (resident)	2018	CRF
PLANTAE				
<i>LILIOPSIDA</i>				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Carex phragmitoides</i>	VU	Probably Extant (resident)	2010	IUCN

Serengeti Complex - Arusha



Summary of Results for Conservation Value Criteria for Serengeti Complex - Arusha					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	103	20	16		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	546711	3,771,967	14%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	3,740,240	31,727	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	67075	93	6.9	4295	614
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	68.8	583	1273	690	44
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	69		69		
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	4712		4712	40383	12%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	67075	93	6.9	4295	614
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	8.1	100	91.9	45904.28	41.317
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	670.75	48.719	0.0726	0.0755	1.1037
Threat from Invasive Species	Invasive Species Count 20				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	675	10	4		

Vegetation and Land Cover Serengeti Complex - Arusha Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Afromontane rain forest	2035
Afromontane undifferentiated forest	1909
Montane Ericaceous belt	74
Edaphic grassland on volcanic soils	36734
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	9175
Agriculture/Crops	4295
Settlement/Development	614
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	12177
Halophytic vegetation	63

IUCN listed species whose range overlaps the Serengeti Complex - Arusha corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Haplochromis sp. nov. 'Amboseli'</i>	CR	Extant (resident)	2004	IUCN
<i>Oreochromis variabilis</i>	CR	Extant (resident)	2006	IUCN
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Aquila heliaca</i>	VU	Extant (non-breeding)	2019	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Charadrius pallidus</i>	NT	Extant (resident)	2012	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco cherrug</i>	EN	Extant (non-breeding)	2014	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR		2017	BLI 2019
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (resident/non-breeding)	2017	BLI 2019
<i>Numenius arquata</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (resident/non-breeding)	2013	BLI 2016
<i>Poeyoptera femoralis</i>	VU		1998	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Extant (resident)/Probably Extant	2010	ODA
<i>Pseudagrion bicoerulans</i>	VU	Extant (resident)	2016	IUCN
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Crocidura allea</i>	VU	Extant (resident)	2008	IUCN
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Litocranius walleri</i>	NT	Extant (resident)	2008	IUCN
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Redunca fulvorufula</i>	EN	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Kinyongia tavetana</i>	NT	Extant (resident)	2014	IUCN
<i>Malacochersus tornieri</i>	CR	Extant (resident)	2018	CRF
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Carex monostachya</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Carex phragmitoides</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Cyperus afroalpinus</i>	NT	Probably Extant (resident)	2010	IUCN

Summary of Results for Conservation Value Criteria for Serengeti Complex - Lake Manyara					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	98	17	16		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	515462	3,779,654	14%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	3,740,240	39,414	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	121814	91	9	10334	1375
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	57.5	583	3537	2954	74
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	67	5	72	Mangewa MSc thesis, Kisui et al. in Debonnet & Nindi 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	47053	14507	61559	37773	163%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	121814	91	9	10334	1375
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	0	100	100	42959.07	28.281
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	1218.14	92.587	0.0760	0.0740	2.6693
Threat from Invasive Species	Invasive Species Count 17				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	674	10	2		

Vegetation and Land Cover Serengeti Complex - Lake Manyara Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	16847
Edaphic grassland on volcanic soils	51913
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	3730
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	17198
Undifferentiated	3214
Agriculture/Crops	10334
Settlement/Development	1375
Afromontane undifferentiated forest	273
Halophytic vegetation	16930

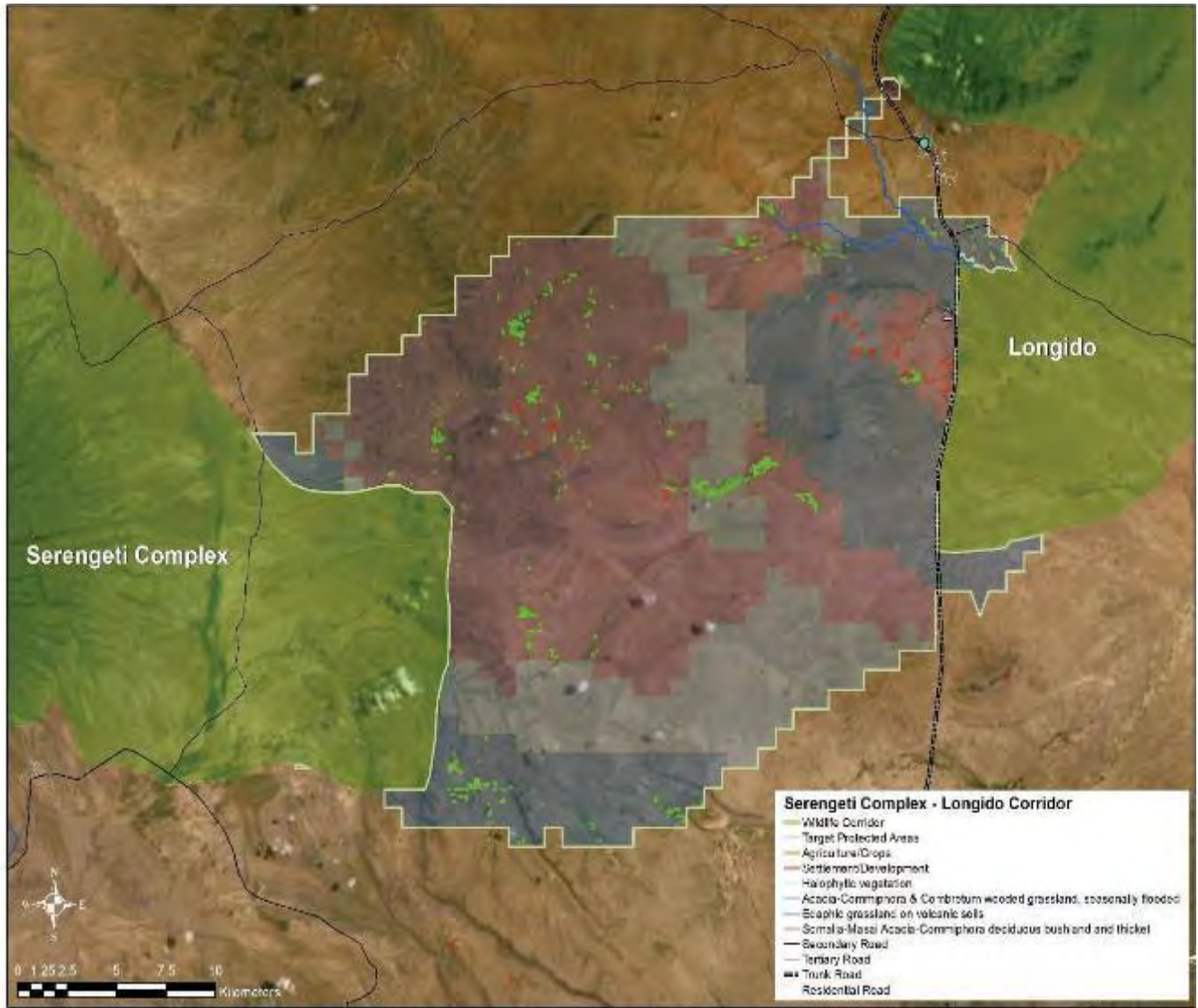
IUCN listed species whose range overlaps the Serengeti Complex - Lake Manyara corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Oreochromis alcalicus</i>	EN	Extant (resident)	2006	IUCN
<i>Oreochromis amphimelas</i>	EN	Extant (resident)	2006	IUCN
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Aquila heliaca</i>	VU	Extant (non-breeding)	2019	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Charadrius pallidus</i>	NT	Extant (resident)	2012	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Euplectes jacksoni</i>	NT		2006	BLI 2019
<i>Falco cherrug</i>	EN	Extant (non-breeding)	2014	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (resident/non-breeding)	2017	BLI 2019
<i>Numenius arquata</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (resident/non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Crocidura allea</i>	VU	Extant (resident)	2008	IUCN
<i>Crocidura mdumai</i>	EN	Extant (resident)	2017	IUCN SSC - SMSG
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Litocranius walleri</i>	NT	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)/Possibly Extant	1992	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Redunca fulvorufula</i>	EN	Extant (resident)	2008	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Malacochersus tornieri</i>	CR	Extant (resident)	2018	CRF
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Carex phragmitoides</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Cyperus afroalpinus</i>	NT	Probably Extant (resident)	2010	IUCN

Serengeti Complex - Longido



Summary of Results for Conservation Value Criteria for Serengeti Complex - Longido					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	100	16	16		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	523060	3,787,083	14%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	3,740,240	46,843	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	70591	99	1	741	159
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	63.8	583	3537	2954	77
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	64		64	Ojwang' et al. 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	15808		15808	25945	61%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	70591	99	1	741	159
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	12.11	100	87.89	24285.46	30.741
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	705.91	50.652	0.0718	0.0758	1.2589
Threat from Invasive Species	Invasive Species Count 21				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	642	10	2		

Vegetation and Land Cover Serengeti Complex - Longido Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	35512
Halophytic vegetation	66
Edaphic grassland on volcanic soils	18841
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	15273
Agriculture/Crops	741

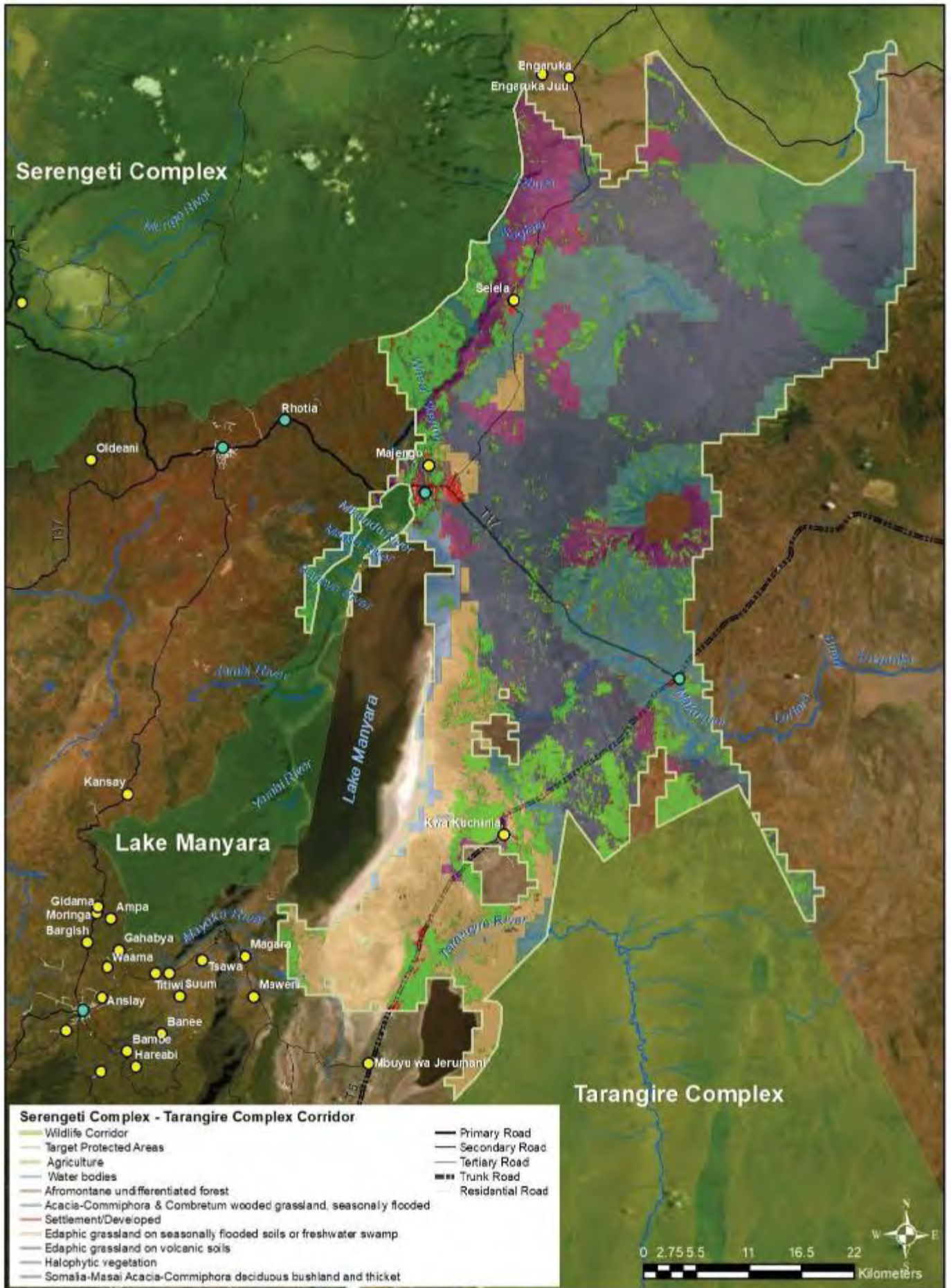
IUCN listed species whose range overlaps the Serengeti Complex - Longido corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
ACTINOPTERYGII				
<i>Alcolapia alcalicus</i>	EN	Extant (resident)	2006	IUCN
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Haplochromis sp. nov. 'Amboseli'</i>	CR	Extant (resident)	2004	IUCN
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Aquila heliaca</i>	VU	Extant (non-breeding)	2019	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Charadrius pallidus</i>	NT	Extant (resident)	2012	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco cherrug</i>	EN	Extant (non-breeding)	2014	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (resident/non-breeding)	2017	BLI 2019
<i>Numenius arquata</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (resident/non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Probably Extant (resident)	2010	ODA
<i>Pseudagrion bicoerulans</i>	VU	Extant (resident)	2016	IUCN
MALACOSTRACA				
<i>Potamonautes gerdalensis</i>	VU	Extant (resident)	2016	Cumberlidge, N.
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Litocranius walleri</i>	NT	Extant (resident)	2008	IUCN
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Redunca fulvorufula</i>	EN	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Carex monostachya</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Carex phragmitoides</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Cyperus afroalpinus</i>	NT	Probably Extant (resident)	2010	IUCN

Serengeti Complex - Tarangire Complex



Summary of Results for Conservation Value Criteria for Serengeti Complex - Tarangire Complex					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	98	18	16		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	515462	4,176,493	12%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	3,740,240	436,253	Large - Medium		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	291,830	86.2	13.8	37786	2525
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	63.8	583	3537	2954	77
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	67	5	72	Vultures (Bracebridge & Kendall WCS NCZ), wildebeest (Morrison & Bolger 2014), Kiffner et al. 2015, Kissui et al. in Debonnet & Nindi 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	258654	52244	310898	76729	405%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	291,830	86.2	13.8	37786	2525
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	0	100	100	74616.36	35.684
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	2918.31	288.264	0.0988	0.0966	3.1644
Threat from Invasive Species	Invasive Species Count 64				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	1865	15	5		

Vegetation and Land Cover Serengeti Complex -Tarangire Complex Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Afromontane undifferentiated forest	2322
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	27497
Halophytic vegetation	19099
Edaphic grassland on volcanic soils	101674
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	39893
Catena of Acacia-Commiphora & Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	55453
Water bodies	5581
Agriculture	37786
Developed	2525

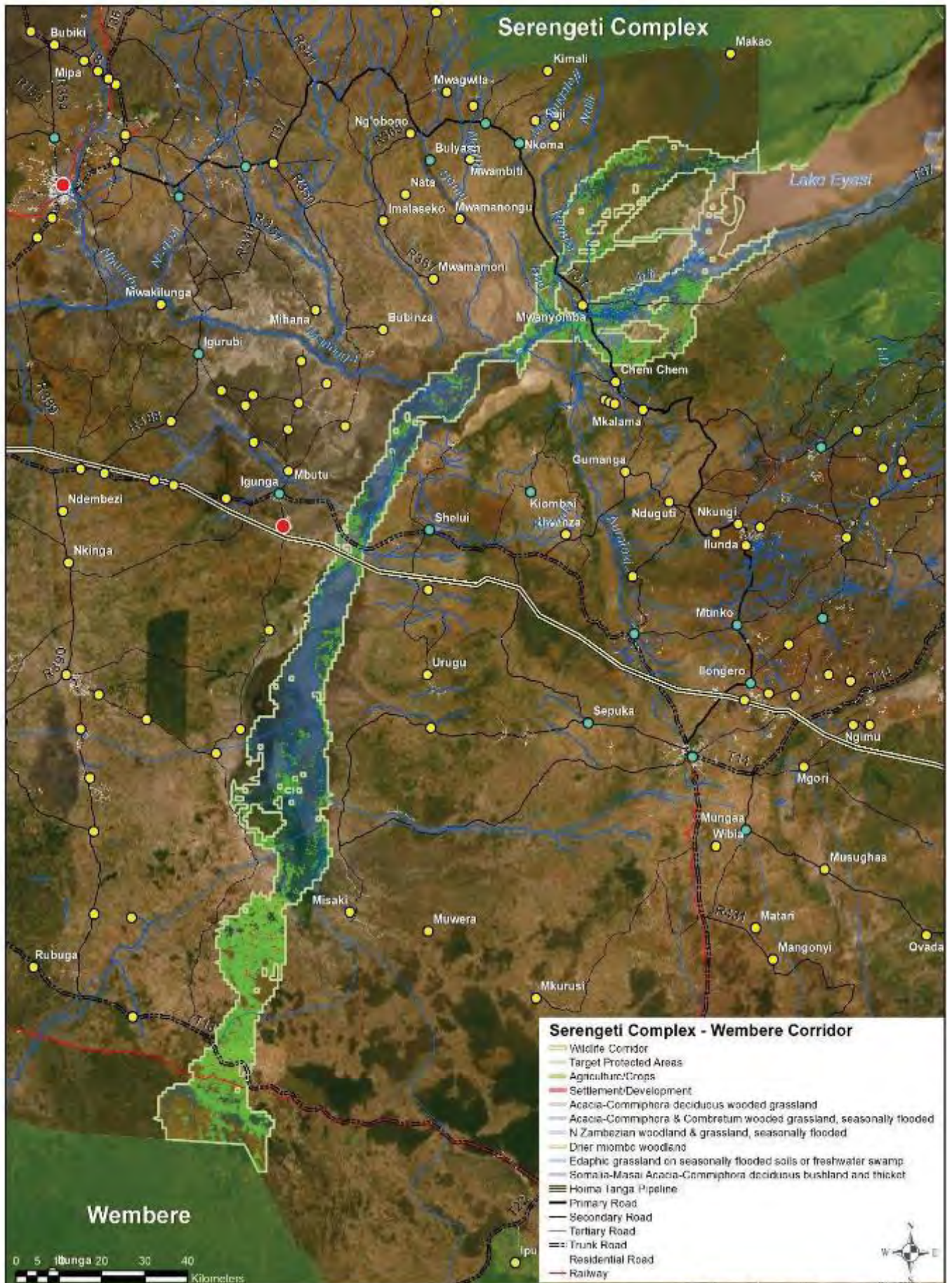
IUCN listed species whose range overlaps Serengeti Complex – Tarangire Complex corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Oreochromis alcalicus</i>	EN	Extant (resident)	2006	IUCN
<i>Oreochromis amphimelas</i>	EN	Extant (resident)	2006	IUCN
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Aquila heliaca</i>	VU	Extant (non-breeding)	2019	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Charadrius pallidus</i>	NT	Extant (resident)	2012	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Euplectes jacksoni</i>	NT		2006	BLI 2019
<i>Falco cherrug</i>	EN	Extant (non-breeding)	2014	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (resident/non-breeding)	2017	BLI 2019
<i>Numenius arquata</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Crocidura allea</i>	VU	Extant (resident)	2008	IUCN
<i>Crocidura mdumai</i>	EN	Extant (resident)	2017	IUCN SSC - SMSG
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Litocranius walleri</i>	NT	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2005	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Redunca fulvorufula</i>	EN	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Malacochersus tornieri</i>	CR	Extant (resident)	2018	CRF
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Carex phragmitoides</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Cyperus afroalpinus</i>	NT	Probably Extant (resident)	2010	IUCN

Serengeti Complex - Wembere



Summary of Results for Conservation Value Criteria for Serengeti Complex - Wembere					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	99	18	18		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	515002	4,284,057	12%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	3,740,240	543,817	Large - Medium		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	341207	80	19.5	66316	1583
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	65.0	583	3537	2954	78
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	51	1	52	Vultures (Bracebridge & Kendall WCS NCZ)	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	489838	56615	546453	317062	172%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	341207	80	19.5	66316	1583
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	0	100	100	247633.01	40.278
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	3412.07	115.660	0.0339	0.0332	1.2748
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	418	10	10		

Vegetation and Land Cover Serengeti Complex - Wembere Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

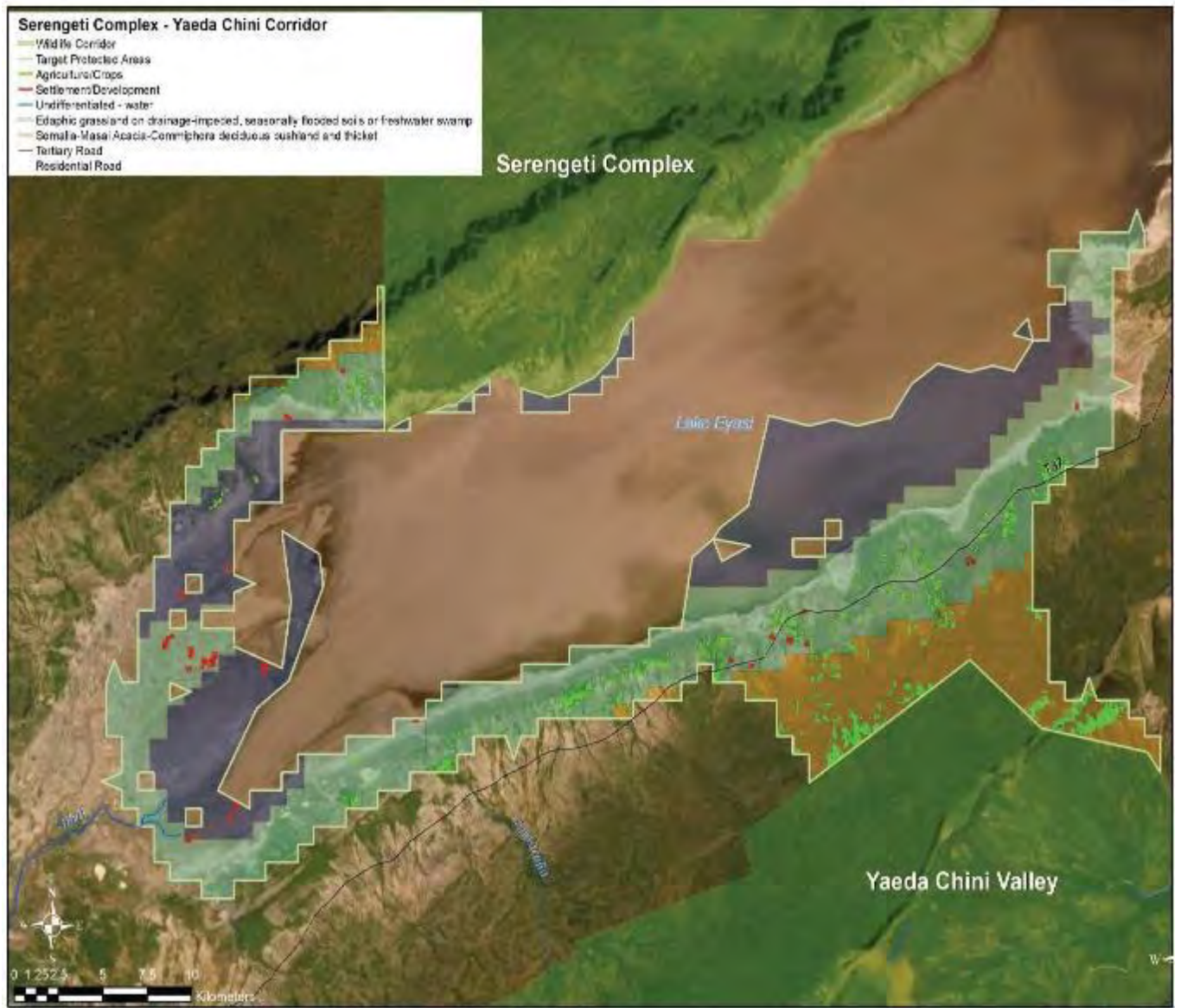
Vegetation / Land Cover Type	Hectares
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	12823
Drier miombo woodland	28799
Acacia-Commiphora deciduous wooded grassland	38368
Catena of North Zambeian Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	9297
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	153490
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	30531
Agriculture/Crops	66316
Settlement/Development	1583

IUCN listed species whose range overlaps the Serengeti Complex - Wembere corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Oreochromis alcalicus</i>	EN	Extant (resident)	2006	IUCN
<i>Oreochromis amphimelas</i>	EN	Extant (resident)	2006	IUCN
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Apalis karamojae</i>	NT		2017	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)	2017	BLI 2019
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)/Possibly Extant	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2002	IUCN/SSC - AESG
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)/Extinct	2019	Gerngross, P.
<i>Redunca fulvorufula</i>	EN	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Malacochersus tornieri</i>	CR	Extant (resident)	2018	CRF
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Serengeti Complex - Yaeda Chini



Summary of Results for Conservation Value Criteria for Serengeti Complex - Yaeda Chini					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	98	16	16		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	515002	3,830,092	13%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	3,740,240	89,852	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	60226	97	3.4	2023	243
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	61.3	583	3537	2954	76
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	52		52		
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	13062	70939	84001	88956	94%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	60226	97	3.4	2023	243
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	0	100	100	40060.95	23.413
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	602.26	27.398	0.0455	0.0491	0.6617
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	310	10	4		

Vegetation and Land Cover Serengeti Complex - Yaeda Chini Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

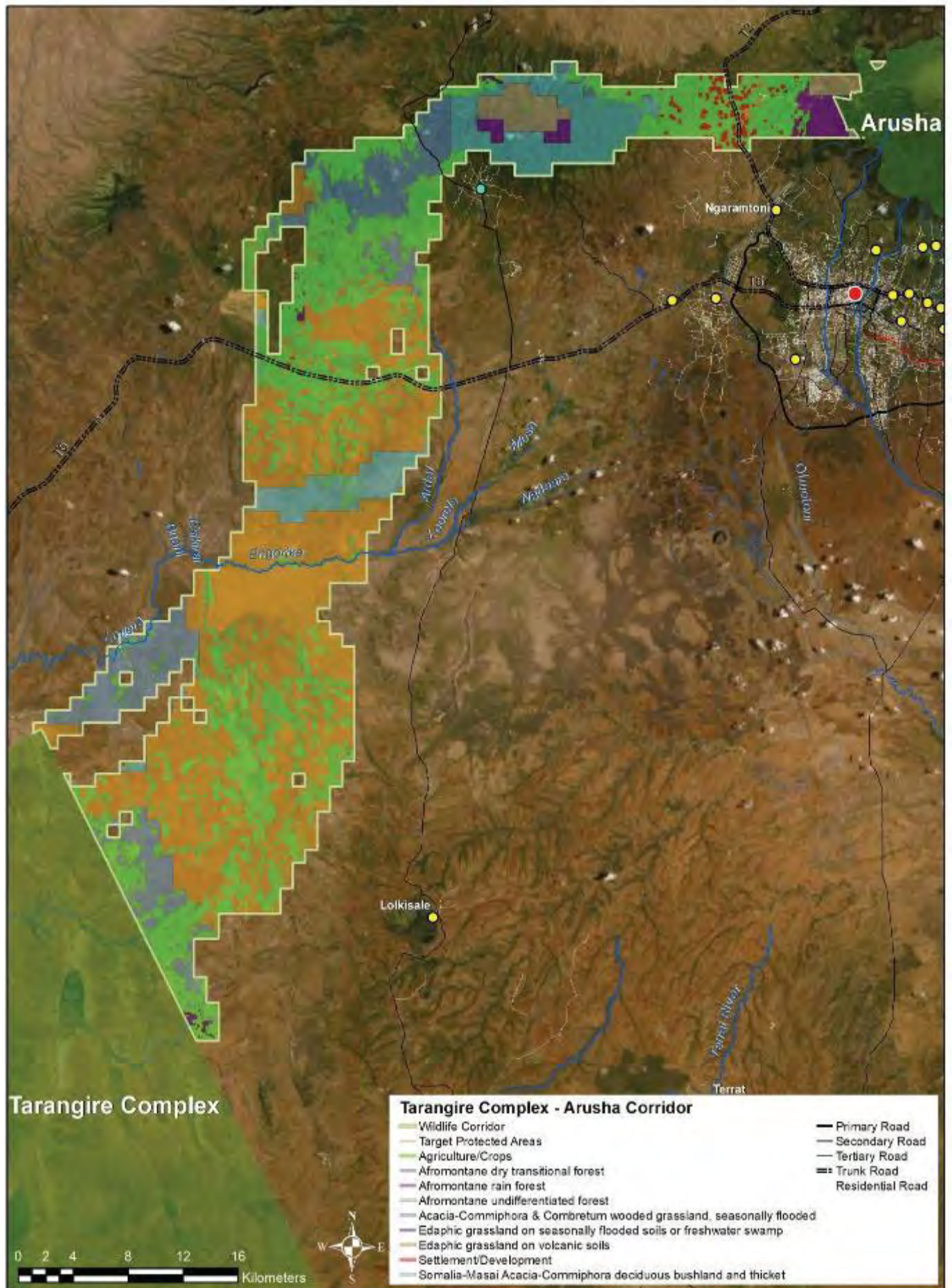
Vegetation / Land Cover Type	Hectares
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	8980
Undifferentiated - water	20452
Agriculture/Crops	2023
Settlement/Development	243
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	10000

IUCN listed species whose range overlaps Serengeti Complex - Yaeda Chini

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Oreochromis alcalicus</i>	EN	Extant (resident)	2006	IUCN
<i>Oreochromis amphimelas</i>	EN	Extant (resident)	2006	IUCN
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)	2017	BLI 2019
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2002	IUCN/SSC - AESG
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Redunca fulvorufula</i>	EN	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Malacochersus tornieri</i>	CR	Extant (resident)	2018	CRF
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Carex phragmitoides</i>	VU	Probably Extant (resident)	2010	IUCN

Tarangire Complex - Arusha



Summary of Results for Conservation Value Criteria for Tarangire Complex - Arusha					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	75	13	16		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	31249	467,980	7%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	436,253	31,727	Medium - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	90363	72	27.6	24697	565
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	42.5	988	4254	3266	66
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	70	3	73		
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	33148	625	33772	96774	35%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	90363	72	27.6	24697	565
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	9.26	100	90.74	81040.08	49.565
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	903.63	102.270	0.1132	0.1110	1.2854
Threat from Invasive Species	Invasive Species Count 43				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	623	10	2		

Vegetation and Land Cover Tarangire Complex - Arusha Corridor (Sources: van Bruegele et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Afromontane rain forest	1628
Afromontane undifferentiated forest	2136
Afromontane dry transitional forest	4
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	8568
Edaphic grassland on volcanic soils	39553
Edaphic grassland on drainage-impered, seasonally flooded soils or freshwater swamp	283
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impered or seasonally flooded soils	12930
Agriculture/Crops	24697
Settlement/Development	565

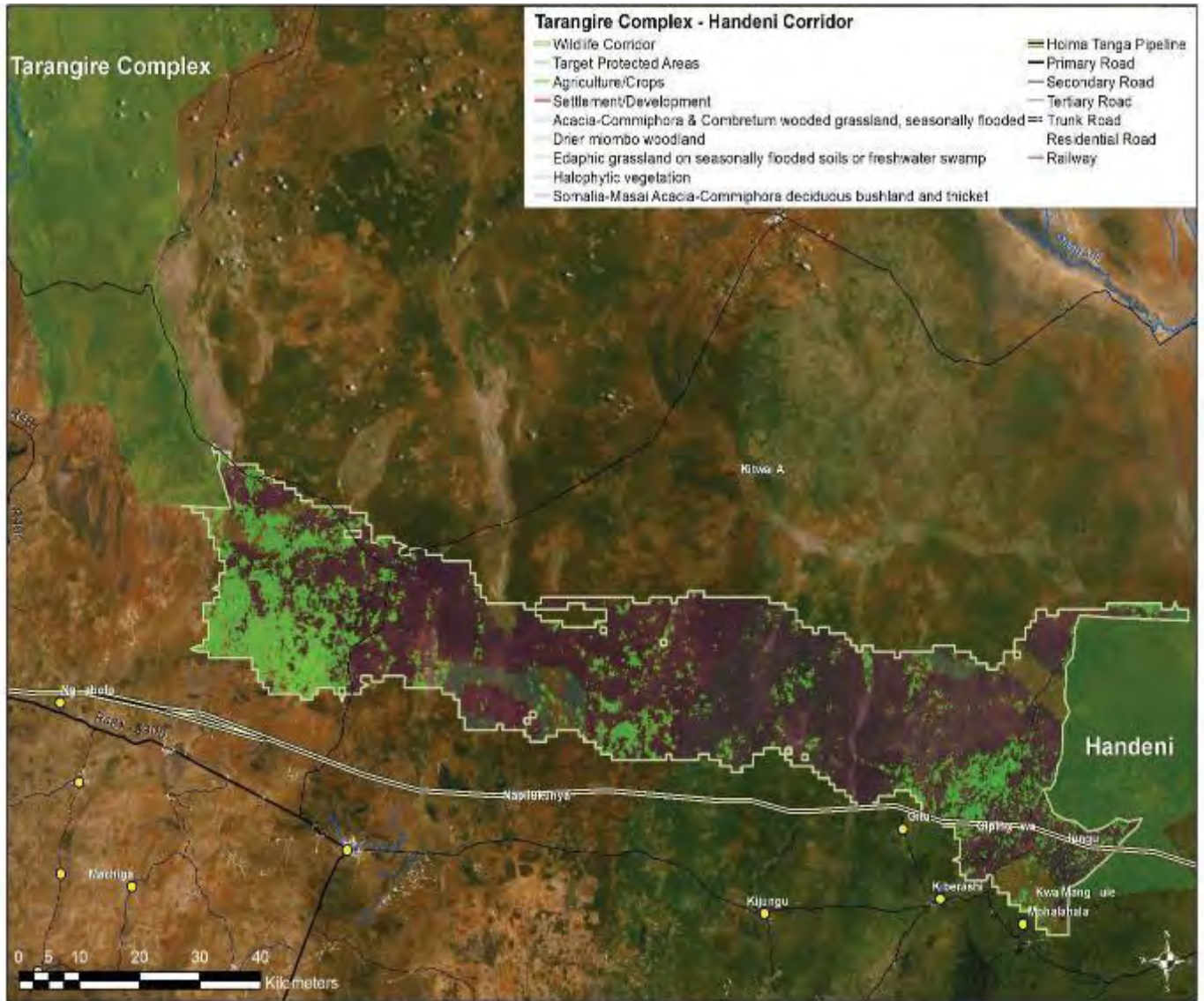
IUCN listed species whose range overlaps the Tarangire Complex - Arusha corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Oreochromis variabilis</i>	CR	Extant (resident)	2006	IUCN
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Aquila heliaca</i>	VU	Extant (non-breeding)	2019	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN		2010	BLI 2019
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Charadrius pallidus</i>	NT	Extant (resident)	2012	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco cherrug</i>	EN	Extant (non-breeding)	2014	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (resident/non-breeding)	2017	BLI 2019
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Poeyoptera femoralis</i>	VU		1998	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopus ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Extant (resident)	2010	ODA
<i>Pseudagrion bicoerulans</i>	VU	Extant (resident)	2016	IUCN
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Crocidura allea</i>	VU	Extant (resident)	2008	IUCN
<i>Crocidura mdumai</i>	EN	Extant (resident)	2017	IUCN SSC - SMSG
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Litocranius walleri</i>	NT	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2004	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Redunca fulvorufula</i>	EN	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Kinyongia tavetana</i>	NT	Extant (resident)	2014	IUCN
<i>Malacochersus tornieri</i>	CR	Extant (resident)	2018	CRF
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Carex monostachya</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Carex phragmitoides</i>	VU	Probably Extant (resident)	2010	IUCN
<i>Cyperus afroalpinus</i>	NT	Probably Extant (resident)	2010	IUCN

Tarangire Complex - Handeni



Summary of Results for Conservation Value Criteria for Tarangire Complex - Handeni					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	75	20	17		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	0	0	0%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	436,253	174,960	Medium - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	367506	88	12	44746	400
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	37.5	485	1736	1251	44
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	60	3	63	TAWIRI reports	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	0	3087	3087	157857	2%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	367506	88	12	44746	400
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	3.7	100	96.3	113792.11	35.862
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	3675.07	124.342	0.0338	0.034	1.242
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	11	1	4		

Vegetation and Land Cover Tarangire Complex - Handeni Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	285062
Halophytic vegetation	815
Drier miombo woodland	7068
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	15142
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	14275
Agriculture/Crops	44746
Settlement/Development	400

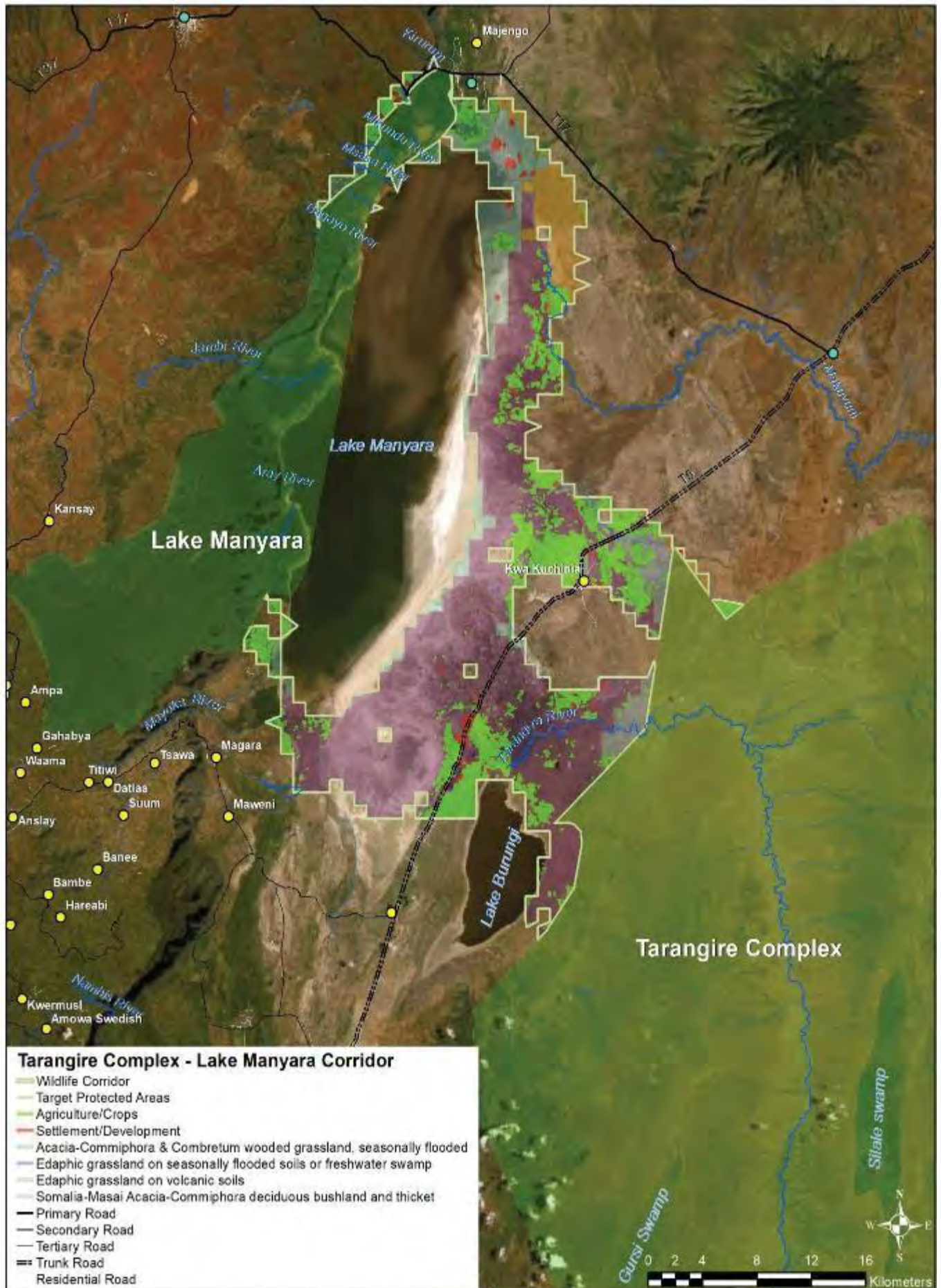
IUCN listed species whose range overlaps the Tarangire Complex – Handeni corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Enteromius laticeps</i>	VU	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
<i>Zaireichthys wamiensis</i>	VU	Extant (resident)	2006	IUCN
AVES				
<i>Acrocephalus griseldis</i>	EN	Extant (non-breeding/passage))	2003	BLI 2017
<i>Anthreptes rubritorques</i>	VU		2016	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Cinnyris moreaui</i>	NT		2009	BLI 2019
<i>Circaetus fasciolatus</i>	NT		2009	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)/Extinct	2017	BLI 2019
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Probably Extant (resident)	2010	ODA
<i>Nepogomphoides stuhlmanni</i>	VU	Probably Extant (resident)	2009	ODA
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
<i>Potamonautes raybouldi</i>	VU	Extant (resident)	2006	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)/Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Litocranius walleri</i>	NT	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2005	IUCN/SSC - AESG
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Gastropholis prasina</i>	NT	Extant (resident)	2014	IUCN & CI
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Tarangire Complex - Lake Manyara



Summary of Results for Conservation Value Criteria for Tarangire Complex - Lake Manyara					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	65	8	16		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	0	0	0%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	436,253	39,414	Medium - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	55575	82	18	9614	556
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	31.3	896	2056	1160	36
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	62	3	65	Vultures (Bracebridge & Kendall WCS, NCZ), Elephant (BCI, Chem Chem 2020), multiple species (Kiffner et al. 2015), Lee and Bolger 2017, Morrison & Bolger 2014, Mallya et al. in Debonnet & Nindi 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	54082	52245	106327	68256	156%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	55575	82	18	9614	556
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	0	100	100	20222.75	35.919
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	555.75	59.262	0.1066	0.1131	3.0174
Threat from Invasive Species	Invasive Species Count 37				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	1781	15	3		

Vegetation and Land Cover Tarangire Complex - Lake Manyara Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	1637
Edaphic grassland on volcanic soils	3104
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	33123
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	2783
Undifferentiated - water	4758
Agriculture/Crops	9614
Settlement/Development	556

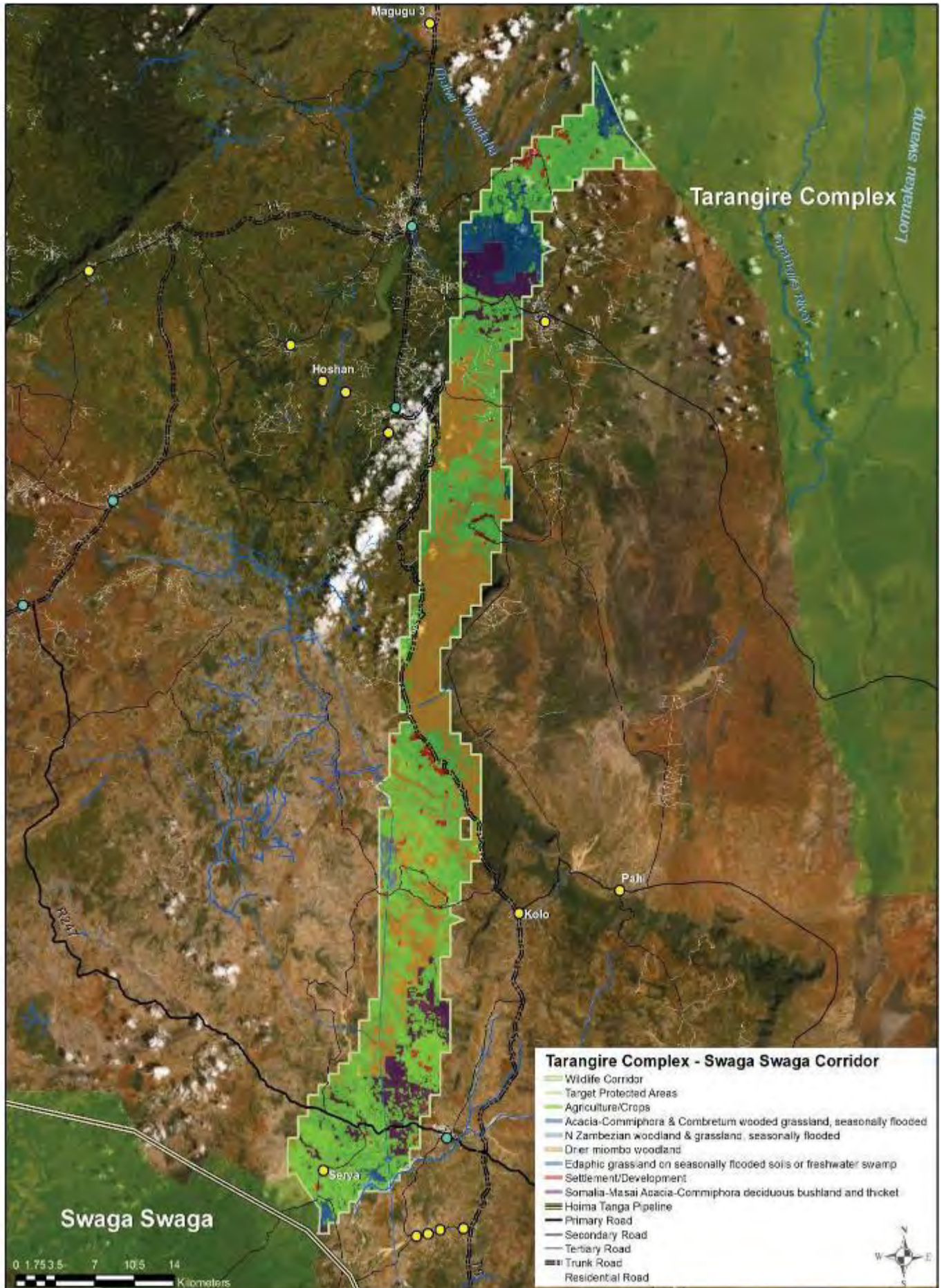
IUCN listed species whose range overlaps the Tarangire Complex - Lake Manyara corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Oreochromis alcalicus</i>	EN	Extant (resident)	2006	IUCN
<i>Oreochromis amphimelas</i>	EN	Extant (resident)	2006	IUCN
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Aquila heliaca</i>	VU	Extant (non-breeding)	2019	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Charadrius pallidus</i>	NT	Extant (resident)	2012	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco cherrug</i>	EN	Extant (non-breeding)	2014	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)	2017	BLI 2019
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Litocranius walleri</i>	NT	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2005	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Redunca fulvorufula</i>	EN	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Malacochersus tornieri</i>	CR	Extant (resident)	2018	CRF
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Carex phragmitoides</i>	VU	Probably Extant (resident)	2010	IUCN

Tarangire Complex -Swaga Swaga



Summary of Results for Conservation Value Criteria for Tarangire Complex - Swaga Swaga					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	63	11	16		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	0	0	0%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	436,253	88,869	Medium - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	65180	53	47	29213	1001
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	33.8	988	2264	1276	42
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	55	2	57		
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	47841	1707	49548	108383	46%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	65180	53	47	29213	1001
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	5.76	100	94.24	101092.26	61.679
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	651.80	184.612	0.2832	0.2760	3.8623
Threat from Invasive Species	Invasive Species Count 37				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	2124	15	3		

Vegetation and Land Cover Tarangire Complex - Swaga Swaga Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

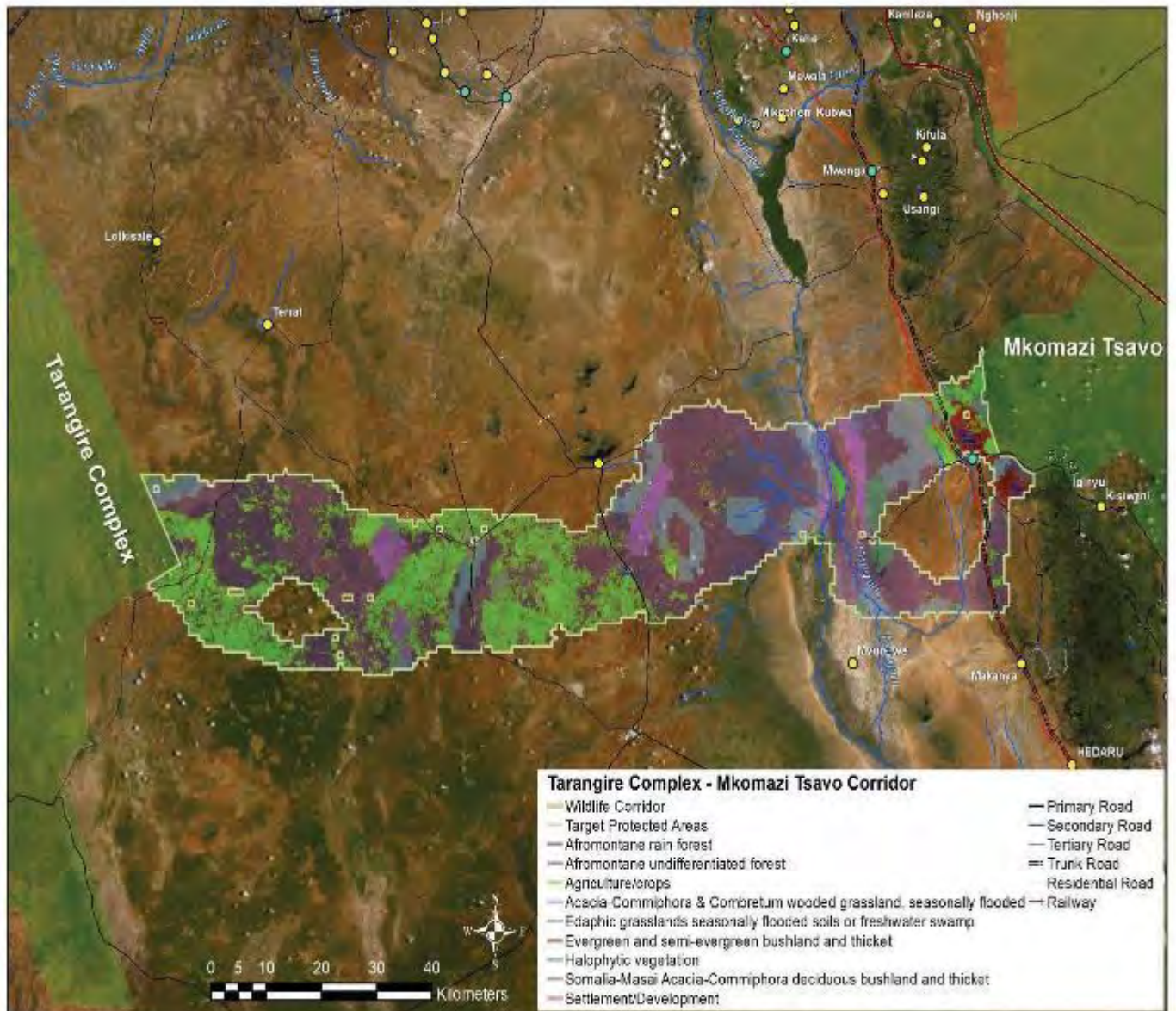
Vegetation / Land Cover Type	Hectares
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	7135
Drier miombo woodland	21636
Catena of North Zambesian Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	554
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	1154
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	4486
Agriculture/Crops	29213
Settlement/Development	1001

IUCN listed species whose range overlaps the Tarangire Complex - Swaga Swaga corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Nothobranchius angelae</i>	VU	Extant (resident)	2019	IUCN
<i>Oreochromis amphimelas</i>	EN	Extant (resident)	2006	IUCN
AVES				
<i>Agapornis fischeri</i>	NT		2017	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Charadrius pallidus</i>	NT	Extant (resident)	2012	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)	2017	BLI 2019
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Phoeniconas minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU		2013	BLI 2019
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopus ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)/Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2004	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Malacochersus tornieri</i>	CR	Extant (resident)	2018	CRF
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Tarangire Complex – Mkomazi -Tsavo (Kenya)



Summary of Results for Conservation Value Criteria for Tarangire Complex - Mkomazi Tsavo					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	115	22	17		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	11454	2,815,563	0.41%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	436,253	2,379,310	Large - Medium		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	360898	77	23	83098	1189
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	48.8	168	1736	1568	54
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	79	5	84		
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	397058		397058	170649	233%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	360898	77	23	83098	1189
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	2.46	100	97.54	134486.48	39.186
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	3608.98	216.399	0.0600	0.0611	2.6610
Threat from Invasive Species	Invasive Species Count 51				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	385	10	2		

Vegetation and Land Cover Tarangire Complex - Mkomazi Tsavo Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Afromontane rain forest	520
Afromontane undifferentiated forest	1009
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	184268
Evergreen and semi-evergreen bushland and thicket	5481
Halophytic vegetation	4616
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	18965
Catena of Acacia-Commiphora deciduous wooded grassland, Combretum wooded grassland and edaphic grassland on drainage-impeded or seasonally flooded soils	43895
Agriculture/Crops	83098
Settlement/Development	1189

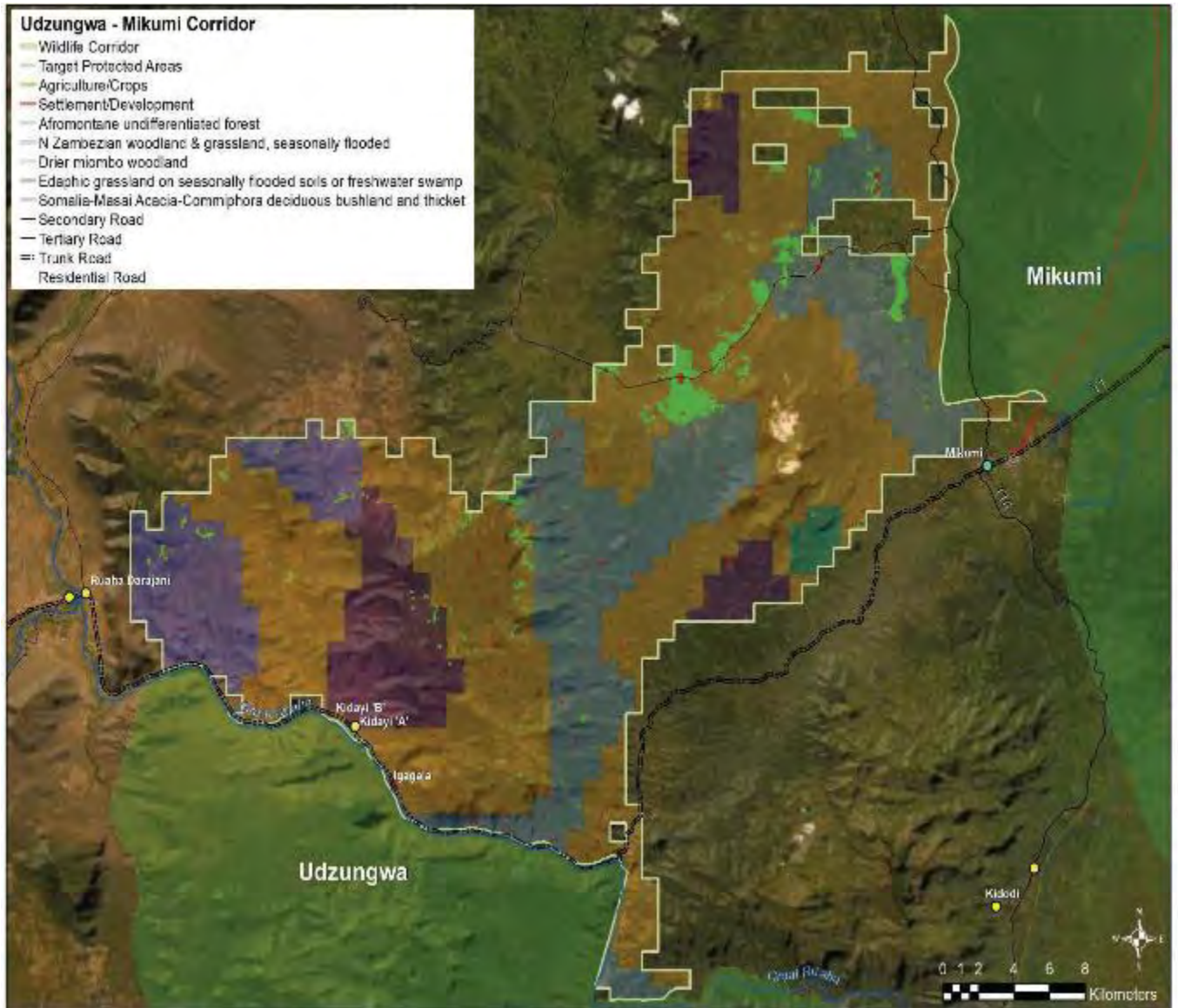
IUCN listed species whose range overlaps the Tarangire Complex - Mkomazi Tsavo corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Barbus sp. nov. 'Pangani'</i>	VU	Probably Extant (resident)	2006	IUCN
<i>Enteromius quadralineatus</i>	EN	Extant (resident)	2006	IUCN
<i>Oreochromis esculentus</i>	CR	Possibly Extant & Introduced (resident)	2006	IUCN
<i>Oreochromis jipe</i>	CR	Extant (resident)	2006	IUCN
<i>Oreochromis variabilis</i>	CR	Extant (resident)	2006	IUCN
<i>Rhabdalestes leleupi</i>	CR	Extant (resident)	2006	IUCN
AMPHIBIA				
<i>Leptopelis parkeri</i>	EN	Extant (resident)	2012	IUCN & CI
AVES				
<i>Acrocephalus griseldis</i>	EN	Extant (passage)	2003	BLI 2017
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeotis kori</i>	NT		2006	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Charadrius pallidus</i>	NT	Extant (resident)	2012	BLI 2016
<i>Cinnyris usambaricus</i>	NT		2016	BLI 2019
<i>Circaetus fasciolatus</i>	NT		2009	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Falco vespertinus</i>	NT		2011	BLI 2019
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gypaetus barbatus</i>	NT		2017	BLI 2019
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)	2017	BLI 2019
<i>Oxyura maccoa</i>	VU	Extant (resident)	2013	BLI 2016
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopus ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
<i>Zosterops winifredae</i>	VU		2016	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Extant (resident)/Possibly Extant (resident)	2010	ODA
<i>Nepogomphoides stuhlmanni</i>	VU	Probably Extant (resident)	2009	ODA
<i>Pseudagrion bicoerulans</i>	VU	Extant (resident)	2016	IUCN
MALACOSTRACA				
<i>Deckenia imitatrix</i>	NT	Extant (resident)	2006	IUCN
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
<i>Potamonautes pilosus</i>	VU	Extant (resident)	2006	IUCN
<i>Potamonautes raybouldi</i>	VU	Extant (resident)	2006	IUCN
<i>Potamonautes xiphoidus</i>	VU	Probably Extant (resident)	2013	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)/Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Crocidura usambarae</i>	VU	Extant (resident)	2017	IUCN SSC - SMSG
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Litocranius walleri</i>	NT	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2005	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)/Extinct	2019	Gerngross, P.
<i>Paragalago orinus</i>	NT	Probably Extant (resident)	2008	IUCN
<i>Rhinolophus deckenii</i>	NT	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Kinyongia tavetana</i>	NT	Extant (resident)	2014	IUCN
<i>Lygodactylus gravis</i>	VU	Extant (resident)	2010	RLI & ZSL
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN
<i>Lagarosiphon hydrilloides</i>	EN	Extant (resident)	2016	IUCN

Udzungwa - Mikumi



Summary of Results for Conservation Value Criteria for Udzungwa - Mikumi					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	97	73	17		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	265901	692,083	38%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	342,783	349,300	Medium - Medium		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	85292	97.5	2.5	1942	399
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	70.0	205	2476	2271	75
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	53		53	Elephant (Epps et al. 2013), Jones et al. in Debonnet & Nindi 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	18673		18673	39328	47%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	85292	97.5	2.5	1942	399
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	3.41	100	96.59	31303.68	32.139
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	852.93	44.192	0.0518	0.0508	0.8192
Threat from Invasive Species	Invasive Species Count 19				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	549	10	2		

Vegetation and Land Cover Udzungwa – Mikumi Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

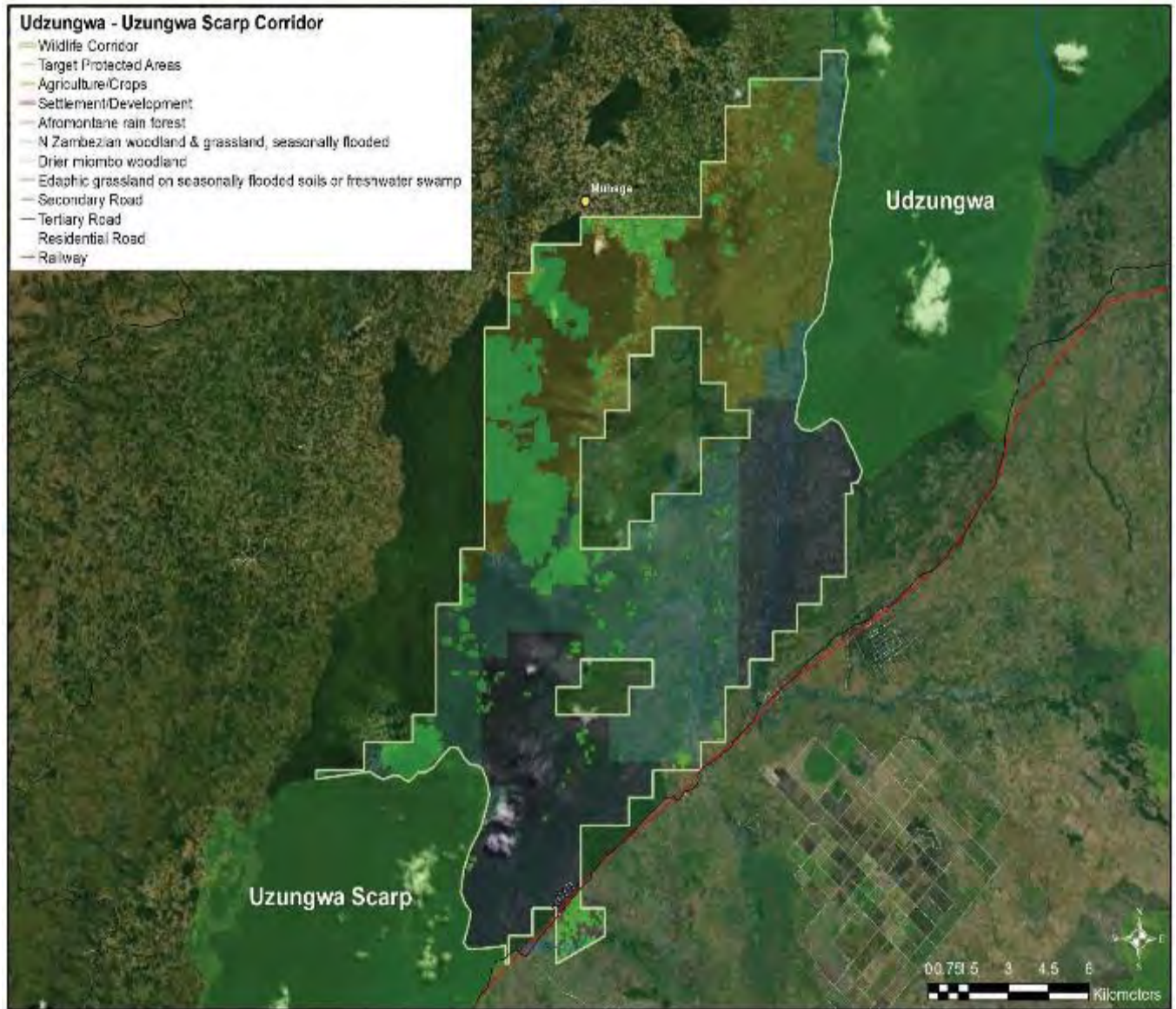
Vegetation / Land Cover Type	Hectares
Afromontane undifferentiated forest	797
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	6,897
Drier miombo woodland	47,038
Catena of North Zambezian Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	19,914
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	8,304
Agriculture/Crops	1,942
Settlement/Development	399

IUCN listed species whose range overlaps the Udzungwa – Mikumi corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Distichodus petersii</i>	VU	Extant (resident)	2006	IUCN
<i>Enteromius laticeps</i>	VU	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
<i>Zaireichthys wamiensis</i>	VU	Extant (resident)	2006	IUCN
<i>AMPHIBIA</i>				
<i>Afrixalus uluguruensis</i>	VU	Extant (resident)	2015	IUCN
<i>Leptopelis uluguruensis</i>	NT	Extant (resident)	2015	IUCN
<i>AVES</i>				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeola idae</i>	EN		2010	BLI 2019
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Cinnyris moreau</i>	NT		2009	BLI 2019
<i>Circaetus fasciolatus</i>	NT		2009	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Probably Extant (resident)	2010	ODA
<i>Nepogomphoides stuhlmanni</i>	VU	Probably Extant (resident)	2009	ODA
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Cephalophus spadix</i>	EN	Extant (resident)	2016	IUCN
<i>Crocidura telfordi</i>	VU	Extant (resident)	2008	IUCN
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Possibly Extant (resident)	1999	IUCN/SSC - AESG
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Paragalago orinus</i>	NT	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Atheris ceratophora</i>	VU	Extant (resident)	2013	IUCN
<i>Kinyongia oxyrhina</i>	NT	Extant (resident)	2014	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Udzungwa - Uzungwa Scarp



Summary of Results for Conservation Value Criteria for Udzungwa - Uzungwa Scarp					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	99	74	16		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	259262	363,464	71%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	342,783	20,681	Medium - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	24213	86	14	3300	4
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	62.5	284	2476	2192	71
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	71		71		
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	40852		40852	20082	203%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	24213	86	14	3300	4
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	3.92	100	96.08	23627.73	39.844
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	242.13	4.274	0.0176	0.0346	1.6040
Threat from Invasive Species	Invasive Species Count				
	0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	52	5	2		

Vegetation and Land Cover Udzungwa - Uzungwa Scarp Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

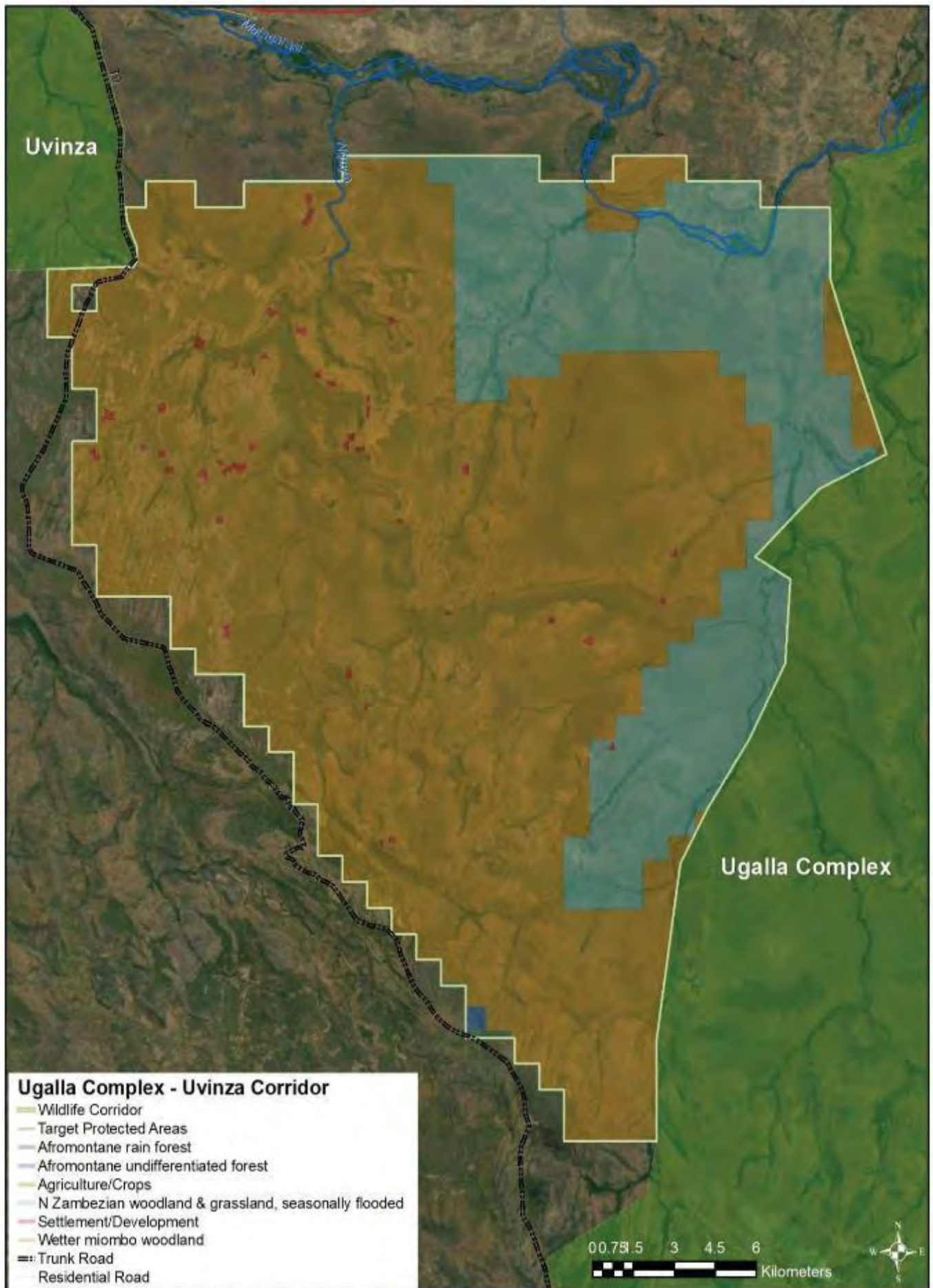
Vegetation / Land Cover Type	Hectares
Afromontane rain forest	1
Drier miombo woodland	7142
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	6662
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	7103
Agriculture/Crops	3300
Settlement/Development	4

IUCN listed species whose range overlaps the Udzungwa - Uzungwa Scarp IUCN corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Kneria ruaha</i>	VU	Extant (resident)	2006	IUCN
AMPHIBIA				
<i>Afrixalus morerei</i>	VU	Extant (resident)	2015	IUCN
<i>Afrixalus uluguruensis</i>	VU	Extant (resident)	2015	IUCN
<i>Arthroleptides yakusini</i>	EN	Extant (resident)	2013	IUCN & CI
<i>Arthroleptides yakusini</i>	EN	Extant (resident)	2013	IUCN & CI
<i>Hyperolius kihangensis</i>	EN	Extant (resident)	2015	IUCN
<i>Hyperolius minutissimus</i>	VU	Extant (resident)	2014	IUCN
<i>Hyperolius minutissimus</i>	VU	Extant (resident)	2014	IUCN
<i>Leptopelis grandiceps</i>	VU	Extant (resident)	2015	IUCN
<i>Leptopelis parkeri</i>	EN	Extant (resident)	2012	IUCN & CI
<i>Leptopelis uluguruensis</i>	NT	Extant (resident)	2015	IUCN
<i>Leptopelis vermiculatus</i>	EN	Extant (resident)	2013	IUCN & CI
<i>Mertensophryne uzunguensis</i>	VU	Extant (resident)	2014	IUCN & CI
<i>Phlyctimantis keithae</i>	EN	Extant (resident)	2014	IUCN & CI
<i>Phrynobatrachus uzunguensis</i>	NT	Extant (resident)	2015	IUCN
<i>Probreviceps loveridgei</i>	EN	Extant (resident)	2013	IUCN
<i>Probreviceps rungwensis</i>	EN	Extant (resident)	2013	IUCN & CI
AVES				
<i>Agapornis lilianae</i>	NT		2017	BLI 2019
<i>Apalis chariessa</i>	NT		2016	BLI 2019
<i>Aquila nipalensis</i>	EN		2019	BLI 2019

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Arcanator orostruthus</i>	VU		2012	BLI 2019
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Cinnyris moreaui</i>	NT		2009	BLI 2019
<i>Cinnyris rufipennis</i>	VU		1998	BLI 2019
<i>Circaetus fasciolatus</i>	NT		2009	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (breeding)	1999	BLI 2019
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Ploceus nicolli</i>	EN		1998	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Scepomycter winifredae</i>	VU		1999	BLI 2019
<i>Sheppardia lowei</i>	VU		1998	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Swynnertonia swynnertonii</i>	VU		2012	BLI 2019
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Nepogomphoides stuhlmanni</i>	VU	Probably Extant (resident)	2009	ODA
MAMMALIA				
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Cephalophus spadix</i>	EN	Extant (resident)	2016	IUCN
<i>Cercocebus sanjei</i>	EN	Extant (resident)	2019	IUCN
<i>Crocidura desperata</i>	VU	Extant (resident)	2008	IUCN
<i>Dendrohyrax validus</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)/Possibly Extant (resident)	2006	IUCN/SSC - AESG
<i>Myosorex kahaulei</i>	EN	Extant (resident)	2008	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Paragalago orinus</i>	NT	Extant (resident)	2008	IUCN
<i>Piliocolobus gordonorum</i>	VU	Extant (resident)	2019	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Atheris barbouri</i>	VU	Extant (resident)	2014	RLI & ZSL
<i>Atheris ceratophora</i>	VU	Extant (resident)	2013	IUCN
<i>Cycloderma frenatum</i>	EN	Extant (resident)	2016	IUCN
<i>Kinyongia oxyrhina</i>	NT	Extant (resident)	2014	IUCN
<i>Triceros laterispinis</i>	EN	Extant (resident)	2014	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN



Summary of Results for Conservation Value Criteria for Ugalla Complex - Uvinza					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	62	11	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	278221	1,744,495	16%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	1,728,030	16,465	Large - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	63391	99.6	0.4	5	244
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	53.8	988	1691	703	37
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	50		50	Chimpanzees (Pintea, Mjungu et al. JGI, Piel et al. JGI)	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	19879	6913	26792	28400	94%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	63391	99.6	0.4	5	244
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	1.46	100	98.54	13686.15	24.615
Existing and Planned Density of Infrastructure	Corridor Area km2	km of linear infrastructure	km of linear infrastructure per km2	Mean Density	Maximum
	633.91	2.823	0.0045	0.0130	0.7007
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	93	5	2		

Vegetation and Land Cover Ugalla Complex - Uvinza Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

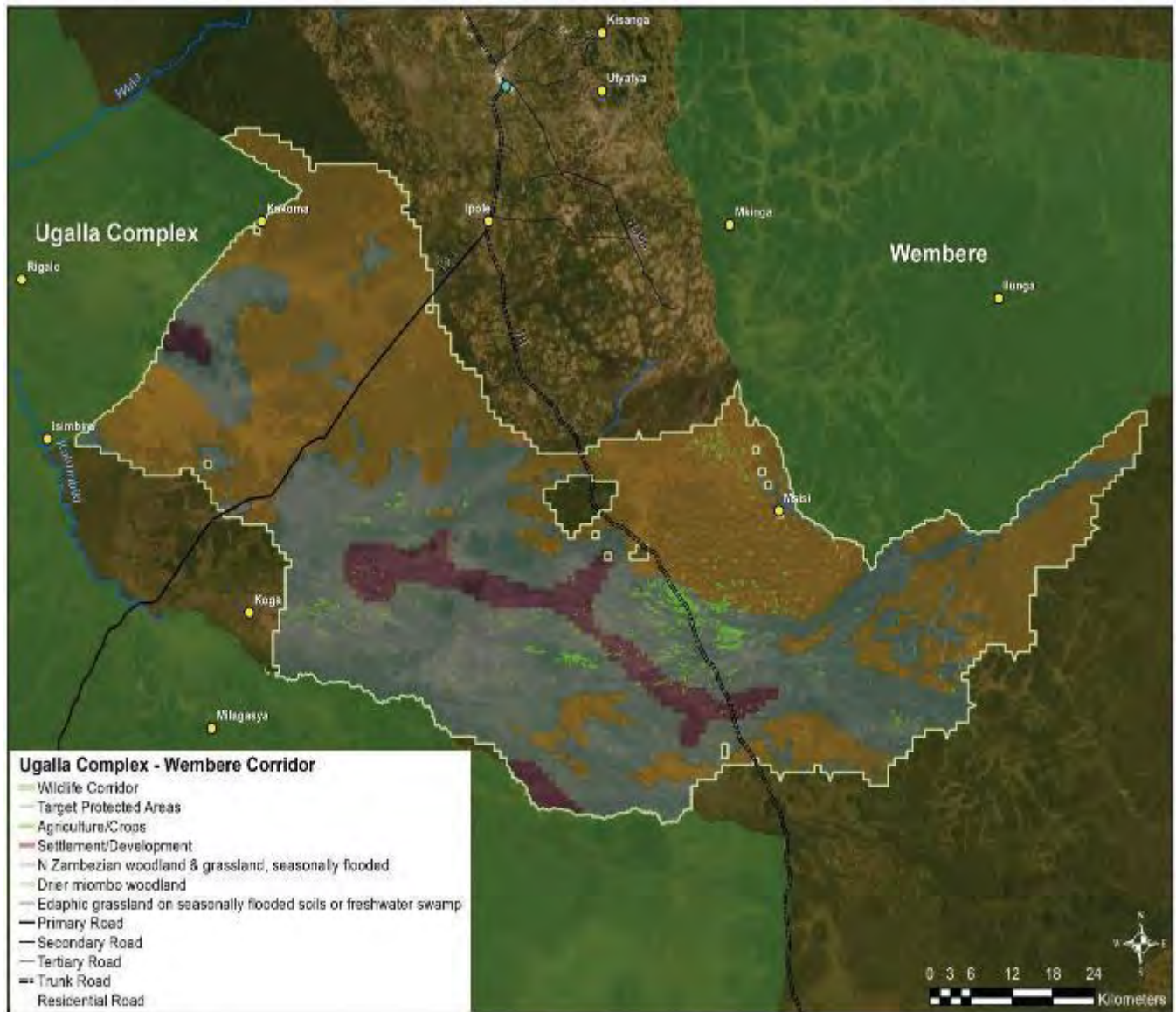
Vegetation / Land Cover Type	Hectares
Afromontane rain forest	47
Afromontane undifferentiated forest	68
Wetter miombo woodland	48016
Catena of North Zambezi Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	15010
Agriculture/Crops	5
Settlement/Development	244
	63391

IUCN listed species whose range overlaps the Ugalla Complex - Uvinza corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Clariallabes mutsindoziensis</i>	EN	Extant (resident)	2006	IUCN
<i>Enteromius quadrilineatus</i>	EN	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
<i>Neolamprologus devosi</i>	VU	Extant (resident)	2007	RLI & ZSL
<i>Oreochromis karomo</i>	CR	Extant (resident)	2006	IUCN
<i>Orthochromis malagaraziensis</i>	VU	Extant (resident)	2006	IUCN
<i>Orthochromis uvinzae</i>	CR	Extant (resident)	2006	IUCN
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neotis denhami</i>	NT		2013	BLI 2019
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2006	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Pan troglodytes</i>	EN	Extant (resident)	2018	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Smutsia gigantea</i>	EN	Extant (resident)	2019	IUCN SSC - PSG
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Mecistops cataphractus</i>	CR	Possibly Extinct	2014	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Ugalla Complex – Wembere



Summary of Results for Conservation Value Criteria for Ugalla Complex - Wembere					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	62	14	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	278221	2,271,847	12%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	1,728,030	543,817	Large - Medium		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	549850	99	1	3169	25
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	61.3	1044	1691	647	41
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	45	4	49	Vultures (Bracebridge & Kendall WCS NCZ)	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	220229		220229	134057	164%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	549850	99	1	3169	25
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	1.99	100	98	51812.32	22.029
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	5498.50	85.623	0.0156	0.0154	0.6837
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	36	1	2		

Vegetation and Land Cover Ugalla Complex - Wembere Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Drier miombo woodland	258647
Catena of North Zambeziian Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	252306
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	35703
Agriculture/Crops	3169
Settlement/Development	25

IUCN listed species whose range overlaps the Ugalla Complex - Wembere corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Nothobranchius seegersi</i>	VU	Extant (resident)	2019	IUCN
AVES				
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balaeniceps rex</i>	VU	Extant (resident)	2014	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco vespertinus</i>	NT	Extant (passage)	2018	BLI 2018
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Hirundo atrocaerulea</i>	VU	Extant (passage)	2018	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Neophron percnopterus</i>	EN	Extant (non-breeding)/Extinct	2017	BLI 2019
<i>Phoeniconaias minor</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Extant (resident)/Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Hydrictis maculicollis</i>	NT	Extant (resident)	2015	IUCN
<i>Loxodonta africana</i>	VU	Extant (resident)	2006	IUCN/SSC - AESG
<i>Lycaon pictus</i>	EN	Extant (resident)	2008	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Summary of Results for Conservation Value Criteria for Wami Mbiki - Handeni					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	69	26	15		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	0	0	0%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	251,187	174,960	Medium - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	328804	94	6	20569	330
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	37.5	176	1003	827	29
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	63	2	65	Vultures (Bracebridge & Kendall WCS NCZ), Riggio & Caro 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	3710		3710	92402	4%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	328804	94	6	20569	330
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	2.6	100	97.4	116186.19	42.841
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	3288.04	151.368	0.0460	0.0478	1.6685
Threat from Invasive Species	Invasive Species Count 0				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	2769	20	5		

Vegetation and Land Cover Wami Mbiki - Handeni Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Somalia-Masai Acacia-Commiphora deciduous bushland and thicket	68106
Drier miombo woodland	224714
Catena of North Zambeziian Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	11039
Edaphic grassland on drainage-impeded, seasonally flooded soils or freshwater swamp	4377
Agriculture/Crops	20569
Settlement/Development	301

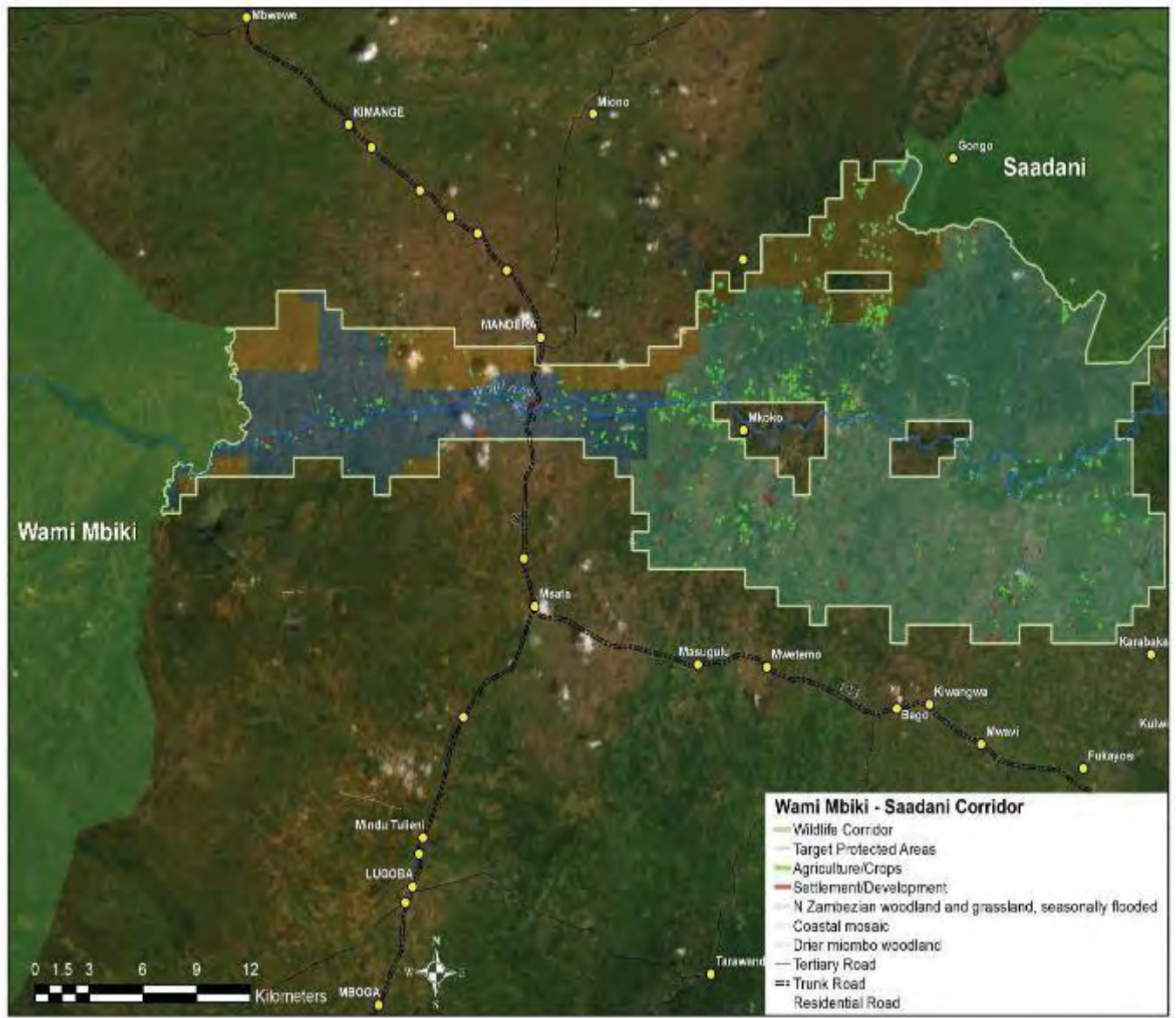
IUCN listed species whose range overlaps the Wami Mbiki - Handeni corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
<i>ACTINOPTERYGII</i>				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Enteromius laticeps</i>	VU	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
<i>Zaireichthys wamiensis</i>	VU	Extant (resident)	2006	IUCN
AVES				
<i>Acrocephalus griseldis</i>	EN	Extant (non-breeding/passage)	2003	BLI 2017
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Balearica regulorum</i>	EN	Extant (resident)	2013	BLI 2016
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Buteo oreophilus</i>	NT		2014	BLI 2019
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Cinnyris moreaui</i>	NT		2009	BLI 2019
<i>Circaetus fasciolatus</i>	NT		2009	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco fasciinucha</i>	VU		2014	BLI 2019
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Limosa limosa</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Neophron percnopterus</i>	EN	Extinct	2017	BLI 2019
<i>Phyllastrephus albigula</i>	NT		2016	BLI 2019
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019
<i>Sheppardia gunningi</i>	NT		2016	BLI 2019
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Probably Extant (resident)	2010	ODA
<i>Nepogomphoides stuhlmanni</i>	VU	Probably Extant (resident)	2009	ODA
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
<i>Potamonautes raybouldi</i>	VU	Extant (resident)	2006	IUCN
<i>Potamonautes unisulcatus</i>	VU	Extant (resident)	2006	IUCN
<i>Potamonautes xiphoidus</i>	VU	Probably Extant (resident)	2013	IUCN
MAMMALIA				
<i>Acinonyx jubatus</i>	VU	Possibly Extant (resident)	2015	IUCN
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Giraffa camelopardalis</i>	VU	Extant (resident)	2018	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Kerivoula africana</i>	EN	Extant (resident)	2008	IUCN
<i>Litocranius walleri</i>	NT	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Possibly Extant (resident)	1999	IUCN/SSC - AESG
<i>Oryx beisa</i>	EN	Extant (resident)	2018	IUCN
<i>Oryx beisa ssp. callotis</i>	VU	Extant (resident)	2018	IUCN
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera leo</i>	VU	Extant (resident)	2016	Panthera & WCS
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Rhinolophus deckenii</i>	NT	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Taphozous hildegardeae</i>	VU	Extant (resident)	2008	IUCN

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
<i>Tragelaphus imberbis</i>	NT	Extant (resident)	2008	IUCN
REPTILIA				
<i>Atheris ceratophora</i>	VU	Extant (resident)	2013	IUCN
<i>Gastropholis prasina</i>	NT	Extant (resident)	2014	IUCN & CI
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN

Wami Mbiki - Saadani



Summary of Results for Conservation Value Criteria for Wami Mbiki -Saadani					
Species of conservation value in the pair of protected areas connected by the corridor	# IUCN Species	# Endemic Species	# Nationally Significant Species		
	72	27	10		
Globally Important Biodiversity Hotspots and Ecoregions	Hotspot & Global 200 Area (ha)	Total Area of Pair (ha)	% of Pair		
	108773	368,882	29%		
Size of Protected Areas Connected by the Corridor	Size Class 1 (ha)	Size Class 2 (ha)	Size Categories		
	251,187	117,695	Medium - Small		
Habitat Quality in the Corridor	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	59385	98	2	882	129
Corridor Importance to Facilitate Wildlife Movements Driven by Climate Change	Average Value PA Pair	Minimum Elevation	Maximum Elevation	Elevation Range	Relative Value of the corridor
	52.5	3	735	732	36
Scientific Evidence that Wildlife Use the Corridor	# IUCN Species	Additional Species (TAWIRI)	# Species	Movement Data Source for Bonus Points	
	54		54	Vultures (Bracebridge & Kendall WCS NCZ), Mwakatobe et al. in Debonnet & Nindi 2017	
Freshwater Features Add Value to the Corridor	Rivers & Streams length (m)	Lakes & Wetlands length (m)	Freshwater Features Total (m)	LCP Length	Proportion
	137467		137467	64683	213%
Summary of Results for Vulnerability Criteria					
Vulnerability to Habitat Conversion	Corridor Area (ha)	% Natural	% Converted	Agriculture (ha)	Settlement (ha)
	59385	98	2	882	129
Human Influence in Buffer Around Corridor	Minimum	Maximum	Range	Sum	Mean
	4.64	100	95.36	55732.57	52.037
Existing and Planned Density of Infrastructure	Corridor Area km ²	km of linear infrastructure	km of linear infrastructure per km ²	Mean Density	Maximum
	593.85	29.170	0.0491	0.0523	1.4090
Threat from Invasive Species	Invasive Species Count 16				
Human Wildlife Conflict (HWC) Severity	HWC Incidents 2017-2020	HWC Threat Score	# of Districts		
	353	10	1		

Vegetation and Land Cover Wami Mbiki - Saadani Corridor (Sources: van Bruegel et al. 2015 and Buchhorn et al. 2019)

Vegetation / Land Cover Type	Hectares
Coastal mosaic	39350
Drier miombo woodland	9279
Catena of North Zambeziian Undifferentiated woodland and edaphic grassland on drainage-impeded or seasonally flooded soils	9745
Agriculture/Crops	882
Settlement/Development	129

IUCN listed species whose range overlaps the Wami Mbiki - Saadani corridor

Kingdom/Class/Species	IUCN Category	Status	Year Compiled	Citation
ANIMALIA				
ACTINOPTERYGII				
<i>Anguilla bengalensis</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla bicolor</i>	NT	Extant (non-breeding)	2019	AESG
<i>Anguilla mossambica</i>	NT	Extant (non-breeding)	2019	AESG
<i>Aplocheilichthys lacustris</i>	VU	Extant (resident)	2006	IUCN
<i>Enteromius laticeps</i>	VU	Extant (resident)	2006	IUCN
<i>Kneria uluguru</i>	VU	Extant (resident)	2006	IUCN
<i>Labeobarbus macrolepis</i>	NT	Extant (resident)	2018	IUCN
<i>Zaireichthys wamiensis</i>	VU	Extant (resident)	2006	IUCN
AMPHIBIA				
<i>Afrivalus sylvaticus</i>	VU	Extant (resident)	2015	IUCN
AVES				
<i>Acrocephalus griseldis</i>	EN	Extant (non-breeding)	2003	BLI 2017
<i>Anthreptes reichenowi</i>	NT	Extant (resident)	2009	BLI 2016
<i>Aquila nipalensis</i>	EN		2019	BLI 2019
<i>Aquila rapax</i>	VU	Extant (resident)	2008	BLI 2016
<i>Ardeola idae</i>	EN	Extant (non-breeding)	2010	BLI 2016
<i>Ardeola idae</i>	EN		2010	BLI 2019
<i>Bucorvus leadbeateri</i>	VU	Extant (resident)	2013	BLI 2016
<i>Calidris ferruginea</i>	NT	Extant (non-breeding)	2015	BLI 2016
<i>Circaetus fasciolatus</i>	NT		2009	BLI 2019
<i>Circus macrourus</i>	NT	Extant (non-breeding)	2013	BLI 2016
<i>Falco concolor</i>	VU		2019	BLI 2019
<i>Gallinago media</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Glareola ocularis</i>	VU	Extant (non-breeding)	2003	BLI 2016
<i>Gyps africanus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Gyps rueppelli</i>	CR		2017	BLI 2019
<i>Limosa lapponica</i>	NT	Extant (passage)	2006	BLI 2016
<i>Necrosyrtes monachus</i>	CR	Extant (resident)	2017	BLI 2017
<i>Numenius arquata</i>	NT	Extant (non-breeding)	2011	BLI 2016
<i>Polemaetus bellicosus</i>	VU	Extant (resident)	2013	BLI 2016
<i>Rynchops flavirostris</i>	NT	Extant (resident)	2007	BLI 2016
<i>Sagittarius serpentarius</i>	VU		2006	BLI 2019

	IUCN Category	Status	Year Compiled	Citation
<i>Stephanoaetus coronatus</i>	NT	Extant (resident)	2006	BLI 2016
<i>Tauraco fischeri</i>	NT		2013	BLI 2019
<i>Terathopius ecaudatus</i>	NT		2006	BLI 2019
<i>Torgos tracheliotos</i>	EN		2019	BLI 2019
<i>Trigonoceps occipitalis</i>	CR		2015	BLI 2019
INSECTA				
<i>Allocnemis abbotti</i>	NT	Extant (resident)	2010	ODA
<i>Nepogomphoides stuhlmanni</i>	VU	Probably Extant (resident)	2009	ODA
MALACOSTRACA				
<i>Deckenia mitis</i>	NT	Extant (resident)	2006	IUCN
<i>Potamonautes unisulcatus</i>	VU	Extant (resident)	2006	IUCN
MAMMALIA				
<i>Aonyx capensis</i>	NT	Extant (resident)	2015	IUCN
<i>Eidolon helvum</i>	NT	Extant (resident)	2008	IUCN
<i>Equus quagga</i>	NT	Extant (resident)	2016	IUCN
<i>Hippopotamus amphibius</i>	VU	Extant (resident)	2017	IUCN
<i>Hipposideros vittatus</i>	NT	Extant (resident)	2008	IUCN
<i>Hyaena hyaena</i>	NT	Extant (resident)	2015	IUCN
<i>Kerivoula africana</i>	EN	Extant (resident)	2008	IUCN
<i>Loxodonta africana</i>	VU	Possibly Extant (resident)	1999	IUCN/SSC - AESG
<i>Otomops martiensseni</i>	NT	Extant (resident)	2017	IUCN
<i>Panthera pardus</i>	VU	Extant (resident)	2019	Gerngross, P.
<i>Rhinolophus deckenii</i>	NT	Extant (resident)	2008	IUCN
<i>Smutsia temminckii</i>	VU	Extant (resident)	2019	IUCN SSC - PSG
<i>Syncerus caffer</i>	NT	Extant (resident)	2008	IUCN
<i>Taphozous hildegardeae</i>	VU	Extant (resident)	2008	IUCN
REPTILIA				
<i>Gastropholis prasina</i>	NT	Extant (resident)	2013	IUCN
PLANTAE				
LILIOPSIDA				
<i>Bulbostylis clarkeana</i>	NT	Probably Extant (resident)	2010	IUCN



For more information please Contact:
The Director of Wildlife,
Wildlife Division,
Ministry of Natural Resources and Tourism,
Government City, Prime Ministers Street,
P.O. Box 1351, DODOMA.
Tel: +255 (26) 2321514/2321568
Fax: +255 (26) 2321147; 2321514
Email: dw@maliasili.go.tz
Website: www.maliasili.go.tz