

# **PRELIMINARY CHECKLISTS**

OF THE

## **VERTEBRATE FAUNA**

AND

## **TREES**

OF

### **KWA TULI PRIVATE GAME RESERVE BOTSWANA**

**STUART ON NATURE**

**CHRIS & MATHILDE STUART**

**POBOX 6, LOXTON 6985,**

**Email: [candm@stuartonnature.com](mailto:candm@stuartonnature.com)**

**[www.stuartonnature.com](http://www.stuartonnature.com)**

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## INTRODUCTION:

Kwa Tuli Private Game Reserve lies in south-eastern Botswana, flanking the Limpopo River in the south and the Platjan-Talana road in the north. The flat mopane woodland dominated plains are interspersed with broken, rocky hills, especially in the east of the property. Rock structures are a mix of preliminary sandstone deposits and granites / gneiss. These preliminary lists were compiled during a very brief visit (11. - 13.11.2002) to the area.

The column on the right is for you to record your personal sightings.

## MAMMALS:

Actual observations are listed here with a list of expected species given as an addendum. The area has a rich mammal fauna but virtually nothing has been recorded on the smaller species.

Common Name	Scientific Name	✓
Rock Sengi (Elephant Shrew)	<i>Elephantulus myurus</i>	
Southern Lesser Galago	<i>Galago mohali</i>	
Vervet Monkey	<i>Chlorocebus pygerythrus</i>	
Chacma Baboon	<i>Papio ursinus</i>	
Spotted Hyaena	<i>Crocuta crocuta</i>	
Leopard	<i>Panthera pardus</i>	
Black-backed Jackal	<i>Canis mesomelas</i>	
Cape Clawless Otter	<i>Aonyx capensis</i>	
Small-spotted Genet	<i>Genetta genetta</i>	
Slender Mongoose	<i>Herpestes sanguineus</i>	
Aardvark	<i>Orycteropus afer</i>	
Elephant	<i>Loxodonta africana</i>	
Yellow-spot Hyrax (Dassie)	<i>Heterohyrax brucei</i>	

Common Name	Scientific Name	✓
Rock Hyrax (Dassie)	<i>Procavia capensis</i>	
Plains Zebra	<i>Equus quagga</i>	
Bushpig	<i>Potamochoerus larvatus</i>	
Warthog	<i>Phacochoerus africanus</i>	
Hippopotamus	<i>Hippopotamus amphibius</i>	
Giraffe	<i>Giraffa camelopardalis</i>	
Klipspringer	<i>Oreotragus oreotragus</i>	
Common Duiker	<i>Sylvicapra grimmia</i>	
Steenbok	<i>Raphicerus campestris</i>	
Greater Kudu	<i>Tragelaphus strepsiceros</i>	
Bushbuck	<i>Tragelaphus scriptus</i>	
Eland	<i>Taurotragus oryx</i>	
Impala	<i>Aepyceros melampus</i>	
Waterbuck	<i>Kobus ellipsiprymnus</i>	
Blue Wildebeest	<i>Connochaetes taurinus</i>	
Jameson's Red Rock Rabbit	<i>Pronolagus randensis</i>	
Savanna Hare	<i>Lepus microtis</i>	
Porcupine	<i>Hystrix africaeustralis</i>	
Springhare	<i>Pedetes capensis</i>	
Tree Squirrel	<i>Paraxerus cepapi</i>	
Red Veld Rat	<i>Aethomys chrysophilus</i>	

The following are species expected to occur on , or near, the property and will be found following more in depth surveys:

Common Name	Scientific Name	✓
Short-snouted Sengi (Elephant Shrew)	<i>Elephantulus brachyrhynchus</i>	
Bushveld Sengi	<i>Elephantulus intufi</i>	
Southern African Hedgehog	<i>Atelerix frontalis</i>	
Lesser Red Musk Shrew	<i>Crocidura hirta</i>	
Reddish-grey Musk Shrew	<i>Crocidura cyanea</i>	
Peters's Epauletted Fruit Bat	<i>Epomophorus crypturus</i>	
Mauritian Tomb Bat	<i>Taphozous mauritanus</i>	
Egyptian Tomb Bat	<i>Taphozous perforatus</i>	
Egyptian Free-tailed Bat	<i>Tadarida aegyptiaca</i>	
Schreibers's Long-fingered Bat	<i>Miniopterus schreibersi</i>	
Butterfly Bat	<i>Chalinobus variegatus</i>	
Somali Serotine Bat	<i>Eptesicus somalicus</i>	
Rusty Bat	<i>Pipistrellus rusticus</i>	
Cape Serotine Bat	<i>Pipistrellus capensis</i>	
Yellow House Bat	<i>Scotophilus dinganii</i>	
Schlieffen's Bat	<i>Nycticeius schlieffenii</i>	
Egyptian Slit-faced Bat	<i>Nycteris thebaica</i>	
Aardwolf	<i>Proteles cristatus</i>	
Brown Hyaena	<i>Hyaena brunnea</i>	
Lion	<i>Panthera leo</i>	
Caracal	<i>Caracal caracal</i>	

Common Name	Scientific Name	✓
African Wild Cat	<i>Felis libyca</i>	
Bat-eared Fox	<i>Otocyon megalotis</i>	
Honey Badger	<i>Mellivora capensis</i>	
Striped Polecat (Zorilla)	<i>Ictonyx striatus</i>	
African Civet	<i>Viverra civetta</i>	
Large-spotted Genet	<i>Genetta maculata</i>	
Selous' Mongoose	<i>Paracynictis selousi</i>	
Banded Mongoose	<i>Mungos mungo</i>	
Dwarf Mongoose	<i>Helogale parvula</i>	
Rock Dormouse	<i>Graphiurus platyops</i>	
Woodland Dormouse	<i>Graphiurus murinus</i>	
Common Molerat	<i>Cryptomys hottentotus</i>	
Spiny Mouse	<i>Acomys spinosissimus/selousi</i>	
Desert Pygmy Mouse	<i>Mus indutus</i>	
Fat Mouse	<i>Steatomys pratensis</i>	
Multimammate Mouse	<i>Mastomys natalensis</i>	
Tree Rat	<i>Thallamys paedulus</i>	
Namaqua Rock Rat	<i>Micaelamys (Aethomys) namaquensis</i>	
Grey Climbing Mouse	<i>Dendromus melanotis</i>	
Hairy-footed Gerbil	<i>Gerbilliscus paeba</i>	
Bushveld Gerbil	<i>Gerbilliscus leucogaster</i>	
Pouched Mouse	<i>Saccostomus campestris</i>	
Single-striped Mouse	<i>Lemnisomys rosalia</i>	



**BIRDS:**

The Tuli farms have a great diversity of bird species and observations based on a two day visit (11. - 13.11.2002) cannot do justice to the avian fauna. A total of about 400 species can be expected in the area, given that a fair percentage will be seasonal migrants or vagrants.

Common Name	Scientific Name	✓
Ostrich	<i>Struthio camelus</i>	
White-breasted Cormorant	<i>Phalacrocorax carbo</i>	
Reed Cormorant	<i>Phalacrocorax africanus</i>	
Darter	<i>Anhinga melanogaster</i>	
Grey Heron	<i>Ardea cinerea</i>	
Goliath Heron	<i>Ardea goliath</i>	
Squacco Heron	<i>Ardeola ralloides</i>	
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	
Green-backed Heron	<i>Butorides striatus</i>	
Cattle Egret	<i>Bubulcus ibis</i>	
Abdim's Stork	<i>Ciconia abdimii</i>	
Hadedah	<i>Bestrychia hagedash</i>	
Hamerkop	<i>Scopus umbrettus</i>	
Spur-winged Goose	<i>Plectropterus gambensis</i>	
Egyptian Goose	<i>Alopochen aegyptiacus</i>	
Dark Chanting Goshawk	<i>Melierax metabates</i>	
Gymnogene	<i>Polyboroides typus</i>	
Black Kite	<i>Milvus migrans</i>	
Steppe Buzzard	<i>Buteo buteo</i>	

Common Name	Scientific Name	✓
African Fish Eagle	<i>Haliaeetus vocifer</i>	
Bateleur	<i>Terathopius ecaudatus</i>	
Brown Snake Eagle	<i>Circaetus cinereus</i>	
Tawny Eagle	<i>Aquila rapax</i>	
Lanner Falcon	<i>Falco biarmicus</i>	
Rock Kestrel	<i>Falco tinnunculus</i>	
Natal Francolin	<i>Francolinus natalensis</i>	
Crested Francolin	<i>Francolinus sephaena</i>	
Helmeted Guineafowl	<i>Numida meleagris</i>	
Red-crested Korhaan	<i>Eupodotis ruficrista</i>	
Spotted Dikkop	<i>Burhinus capensis</i>	
Water Dikkop	<i>Burhinus vermiculatus</i>	
Treble-banded Plover	<i>Charadrius tricollaris</i>	
Common Sandpiper	<i>Tringa stagnatilis</i>	
Blacksmith Plover	<i>Vanellus armatus</i>	
Rock Pigeon	<i>Columba guinea</i>	
African Green Pigeon	<i>Treron calva</i>	
Namaqua Dove	<i>Oena capensis</i>	
African Mourning Dove	<i>Streptopelia decipiens</i>	
Red-eyed Dove	<i>Streptopelia semitorquata</i>	
Cape Turtle Dove	<i>Streptopelia capicola</i>	
Laughing Dove	<i>Streptopelia senegalensis</i>	
Emerald-spotted Wood Dove	<i>Turtur chalcospilos</i>	

Common Name	Scientific Name	✓
Red-faced Mousebird	<i>Urocalius indicus</i>	
Burchell's Sandgrouse	<i>Pterocles burchelli</i>	
African Hoopoe	<i>Upupa epops</i>	
Grey Turaco (Go-Away Bird)	<i>Corythaixoides concolor</i>	
Lilac-breasted Roller	<i>Coracias caudata</i>	
Purple Roller	<i>Coracias naevia</i>	
Red-billed Wood Hoopoe	<i>Phoeniculus purpureus</i>	
Jacobin Cuckoo	<i>Oxylophus jacobinus</i>	
Red-chested Cuckoo	<i>Cuculus solitarius</i>	
African Cuckoo	<i>Cuculus gularis</i>	
Rufous-cheeked Nightjar	<i>Caprimulgus rufigena</i>	
African Wood Owl	<i>Strix woodfordii</i>	
African Scops Owl	<i>Otus senegalensis</i>	
Little Swift	<i>Apus affinis</i>	
European Bee-eater	<i>Merops apiaster</i>	
African Grey Hornbill	<i>Tockus nasutus</i>	
Southern Yellow-billed Hornbill	<i>Tockus leucomelas</i>	
Red-billed Hornbill	<i>Tockus erythrorhynchus</i>	
Ground Hornbill	<i>Bucorvus cafer</i>	
White-necked Raven	<i>Corvus albicollis</i>	
Pied Kingfisher	<i>Ceryle rudis</i>	
Woodland Kingfisher	<i>Halcyon senegalensis</i>	
Black-collared Barbet	<i>Lybius torquatus</i>	

Common Name	Scientific Name	✓
Crested Barbet	<i>Trachyphonus vaillantii</i>	
Yellow-fronted Tinkerbird	<i>Pogoniulus chrysoconus</i>	
Lesser Honeyguide	<i>Indicator minor</i>	
Bennett's Woodpecker (?)	<i>Campethera bennettii</i>	
Flappet Lark	<i>Mirafra rufocinnamomea</i>	
Dusky Lark	<i>Pinarocorys nigricans</i>	
European Swallow	<i>Hirundo rustica</i>	
Lesser Striped Swallow	<i>Hirundo abyssinica</i>	
Rock Martin	<i>Hirundo fuligula</i>	
Common Sand Martin	<i>Riparia riparia</i>	
Arrow-marked Babbler	<i>Turdoides jardineii</i>	
Black-eyed Bulbul	<i>Pycnonotus barbatus</i>	
Fork-tailed Drongo	<i>Dicrurus adsimilis</i>	
Kurrichane Thrush	<i>Turdus libonyanus</i>	
Long-billed Crombec	<i>Sylvietta rufescens</i>	
Black-chested Prinia	<i>Prinia flavicans</i>	
Yellow-breasted Apalis	<i>Apalis flavida</i>	
Blue-grey Flycatcher	<i>Muscicapa caeruleascens</i>	
Marico Flycatcher	<i>Melaenornis mariquensis</i>	
Southern Black Tit	<i>Parus niger</i>	
Yellow White-eye	<i>Zosterops senegalensis</i>	
Grey-headed Bush Shrike	<i>Malaconotus blanchoti</i>	
Southern Puffback	<i>Dryoscopus cubla</i>	



**REPTILES AND AMPHIBIANS:**

The Tuli area has a potentially large number of reptile and amphibian species but at the time of this visit conditions were not conducive to observing or collecting species from these groups. At least 12 species of frog and toad can be expected from the area, as well as two land and two freshwater-based tortoises, 42 snakes, 41 lizards and the Nile Crocodile.

Common Name	Scientific Name	✓
AMPHIBIANS:		
Flat-backed Toad	<i>Sclerophrys maculatus</i>	
Ridged Frog	<i>Ptychadena sp.</i>	
REPTILES:		
Leopard Tortoise	<i>Stigmochelys pardalis</i>	
Helmeted Terrapin	<i>Pelomedusa subrufa</i>	

Common Name	Scientific Name	✓
LIZARDS:		
Rainbow Skink	<i>Trachylepis quinquetaeniata</i>	
Striped Skink	<i>Trachylepis striata</i>	
Variable Skink	<i>Trachylepis varia</i>	
Common Flat Lizard	<i>Platysaurus intermedius</i>	
Mile Monitor	<i>Varanus niloticus</i>	
Tree Agama	<i>Acanthocerus atricollis</i>	
Cape Dwarf Gecko	<i>Lygodactylus capensis</i>	
CROCODILES:		
Nile Crocodile	<i>Crocodylus niloticus</i>	



**TREES:**

Many tree species occur in south-eastern Botswana but in the area surveyed Mopane dominate the plains. Only obvious and easily identified tree and bush species recorded are listed here.

Common Name	Scientific Name	✓
Tree Euphorbia	<i>Euphorbia sp.</i>	
Rubber Euphorbia	<i>Euphorbia tirucolli</i>	
Mountain Aloe	<i>Aloe marlothii</i>	
Large-leaved Rock Fig	<i>Ficus abutifolia</i>	
Common Cluster Fig	<i>Ficus sycomorus</i>	
Small-leaved Rock Fig	<i>Ficus tettensis</i>	
Tall Common Corkwood	<i>Commiphora glandulosa</i>	
Hairy Corkwood	<i>Commiphora africana</i>	
Large Fever Berry	<i>Croton megalobotrys</i>	
Tamboi	<i>Spirostachys africana</i>	
Lowveld Cluster-leaf	<i>Terminalia prunioides</i>	
Silver Cluster-leaf	<i>Terminalia sericea</i>	
Transvaal Sesame Bush	<i>Sesamothamnus lugardii</i>	
Shepherd's Tree	<i>Boscia albitrunca</i>	
Stink Shepherd's Tree	<i>Boscia foetida</i>	
Bead-bean Tree	<i>Maerua angolensis</i>	
Kudu Berry	<i>Pseudolachnostylis maprouneifolia</i>	
Buffalo Thorn	<i>Ziziphus mucronata</i>	
Velvet Raisin	<i>Grewia flava</i>	
River Bush Willow	<i>Combretum erythrophyllum</i>	

Common Name	Scientific Name	✓
Savanna Gardenia	<i>Gardenia volkensii</i>	
Mopane	<i>Colophospermum mopane</i>	
Common Wild Currant	<i>Rhus pyroides</i>	
Sjambok Pod	<i>Cassia abbreviata</i>	
White Seringa	<i>Kirkia acuminata</i>	
Marula	<i>Sclerocarya birrea</i>	
Tree Wisteria	<i>Bolusanthus speciosus</i>	
Apple Leaf	<i>Lonchocarpus capassa</i>	
Cork Bush	<i>Mundulea sericea</i>	
Nyala Tree	<i>Xanthocercis zambesiaca</i>	
Baobab	<i>Adansonia digitata</i>	
False Umbrella Thorn	<i>Vachelia luederitzii</i>	
Black Thorn	<i>Senegalia mellifera</i>	
Knob Thorn	<i>Senegalia nigrescens</i>	
River Climbing Thorn	<i>Senegalia schweinfurthii</i>	
Umbrella Thorn	<i>Vachelia tortilis</i>	
Camel Thorn	<i>Vachelia erioloba</i>	
Sweet Thorn	<i>Vachelia karoo</i>	
Scented Thorn	<i>Vachelia nilotica</i>	
Sickle Bush	<i>Dichrostachys cinerea</i>	
Large-leaved False Thorn	<i>Albizia versicolor</i>	

Common Name	Scientific Name	✓

Lists compiled by C. & M. Stuart in November 2002, contributions by Ian Gaigher.