

PRELIMINARY CHECKLISTS

OF THE FAUNA AND FLORA OF

LAKE WAKAWAKA

AND ENVIRONS

STUART ON NATURE

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(compiled: September 2002; updated: July 2023)

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HOW TO USE THESE CHECKLISTS AND KEYS:

Lake WakaWaka is a small isolated freshwater lake set in an area dominated by rich miombo woodland. The open lake is fringed by damp and often waterlogged reedbeds and grassland that extend northwards along the floodplain of the Kafito River. Low, rocky outcrops rise to the west of the lake within the woodland. The checklists presented here result from two brief visits to the area and will certainly be greatly expanded in the future. Bemba names are added in brackets behind the English common names, where these are known

Habitat:

WL = Woodland

W = Wetland

Your notes:

We have left a column for you to tick your personal sightings. After each group, e.g. birds, we have left space for you to add new sightings and to make field notes.

LAKE WAKAWAKA - PRELIMINARY MAMMAL CHECKLIST

We expect more species to be added to this list when more comprehensive surveys are undertaken, especially bats, shrews and small rodents.

English name (Bemba name)	Scientific name	Habitat	✓
INSECTIVORES:			
Shrew	<i>Crocidura gracilipes</i>	W	
SENGIS (Elephant shrews):			
Four-toed Sengi (Tondo)	<i>Petrodromus tetradactylus</i>	WL	
BATS:			
Straw-coloured Fruit-bat	<i>Eidolon helvum</i>	WL	
East-African epauletted Fruit-bat	<i>Epomophorus minor</i>	WL	
Several insectivorous bats were observed but not identified.			
PRIMATES:			
Southern Lesser Bushbaby (Changa)	<i>Galago moholi</i>	WL	
Thick-tailed Bushbaby (Changa)	<i>Otolemur crassicaudatus</i>	WL	
Kinda Yellow Baboon (Kolwe wa mpili)	<i>Papio kindae</i>	WL	
HARES & RABBITS:			
Scrub Hare (Kalulu)	<i>Lepus saxatilis</i>	WL	
RODENTS:			
Porcupine (Chinungi)	<i>Hystrix africaeausralis</i>	WL	
Common Molerat (Mfuko)	<i>Cryptomys hottentotus</i>	WL	
Greater Canerat (Insenshi)	<i>Thryonomys swinderianus</i>	W	
Multimammate Mouse	<i>Praomys denniae</i>	WL	
CARNIVORES:			
Side-striped Jackal (Mumbwe)	<i>Canis adustus</i>	WL	
Spotted-necked Otter (Mbao)	<i>Lutra maculicollis</i>	W	
African Civet (Mfungo)	<i>Civettictis civetta</i>	WL	
White-tailed Mongoose	<i>Ichneumia albicauda</i>	WL	
Water Mongoose	<i>Atilax paludinosus</i>	W+WL	
Leopard (Mbwili)	<i>Panthera pardus</i>	WL	
Aardvark (Kabeya)	<i>Orycteropus afer</i>	WL	
African Elephant (Nsofu)	<i>Loxodonta africana</i>	WL+W	

English name (Bemba name)	Scientific name	Habitat	✓
UNGULATES:			
Buffalo (Mbowo)	<i>Syncerus caffer</i>	WL	
Warthog (Njili)	<i>Phacochoerus africana</i>	WL	
Bushpig (Kapali)	<i>Potamochoerus larvatus</i>	WL+W	
Sitatunga (Nsobe)	<i>Tragelaphus spekei</i>	WL+W	
Bushbuck (Chisongo)	<i>Tragelaphus scriptus</i>	WL	
Southern Reedbuck (Imfwi)	<i>Redunca arundinum</i>	W	
Common (grey) Duiker (Mpombo)	<i>Sylvicapra grimmia</i>	WL	
Roan Antelope (Mpelembe)	<i>Hippotragus equinus</i>	WL	
Sable Antelope (Kanshilye)	<i>Hippotragus niger</i>	WL	
Sharpe's Grysbok (Katili)	<i>Raphicerus sharpei</i>	WL	

LAKE WAKAWAKA - PRELIMINARY BIRD CHECKLIST

It is obvious that this checklist for the lake and its environs is far from complete but it at least presents a starting point. Note that the wetland (W) includes extensive areas of damp grassland. Numbers are those from *Roberts Birds of Southern Africa* and the *Zambian Ornithological Society* (Z).

English name	Scientific name	No.	Habitat	✓
Long-tailed (Reed) Cormorant	<i>Phalacrocorax africanus</i>	58	W	
Cattle Egret	<i>Bubulcus ibis</i>	71	W	
Purple Heron	<i>Ardea purpurea</i>	65	W	
Rufous-bellied Heron	<i>Ardeola rufiventris</i>	75	W	
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	76	W	
Spur-winged Goose	<i>Plectropterus gambensis</i>	116	W	
African Pygmy Goose	<i>Nettapus auritus</i>	114	W	
Yellow-billed Duck	<i>Anas undulata</i>	104	W	
Yellow-billed Kite	<i>Milvus migrans</i>	126	WL	
Wahlberg's Eagle	<i>Aquila wahlbergi</i>	135	WL	
Bateleur	<i>Terathopius ecaudatus</i>	146	WL	
Palmnut Vulture	<i>Gypohierax angolensis</i>	147	WL+W	
African Marsh Harrier	<i>Circus ranivorus</i>	165	W	
Lizard Buzzard	<i>Kaupifalco monogrammicus</i>	154	WL	
Dickinson's Kestrel	<i>Falco dickinsoni</i>	185	WL	
European Hobby	<i>Falco subbuteo</i>	173	WL+W	
Coqui Francolin	<i>Francolinus coqui</i>	188	WL	
Red-necked Francolin	<i>Francolinus afer</i>	198	WL	
Helmeted Guineafowl	<i>Numida meleagris</i>	203	WL	
Wattled Crane	<i>Bugeranus carunculatus</i>	207	W	
Senegal Wattled Plover	<i>Vanellus senegallus</i>	260	W	
White-winged Tern	<i>Chlidonias leucopterus</i>	339	W	
Green Pigeon	<i>Treron calva</i>	361	WL	
Emerald-spotted Wood Dove	<i>Turtur chalcospilos</i>	358	WL	
Cape Turtle Dove	<i>Streptopelia capicola</i>	354	WL	
Grey Turaco	<i>Corythaxoides concolor</i>	373	WL	
Lady Ross's Turaco	<i>Musophaga rossae</i>	372	WL	

English name	Scientific name	No.	Habitat	✓
Red-chested Cuckoo	<i>Cuculus solitarius</i>	377	WL	
African Black Cuckoo	<i>Cuculus clamosus</i>	378	WL	
Coppery-tailed Coucal	<i>Centropus cupreicaudus</i>	389	W	
European Nightjar	<i>Caprimulgus europaeus</i>	404	WL	
Pennant-winged Nightjar	<i>Macrodipteryx vexillarius</i>	410	WL	
Little Swift	<i>Apus affinis</i>	417		
Red-faced Mousebird	<i>Urocolius indicus</i>	426	WL	
Woodland Kingfisher	<i>Halcyon senegalensis</i>	433	WL	
Pied Kingfisher	<i>Ceryle rudis</i>	428	WL	
Scimitarbill	<i>Phoeniculus cyanomelas</i>	454	WL	
African Hoopoe	<i>Upupa epops</i>	451	WL	
Yellow-fronted Tinkerbird	<i>Pogoniulus chrysoconus</i>	470	WL	
Black-collared Barbet	<i>Lybius torquatus</i>	464	WL	
Greater Honeyguide	<i>Indicator indicator</i>	479	WL	
Golden-tailed Woodpecker	<i>Campethera abingoni</i>	483	WL	
Cardinal Woodpecker	<i>Dendropicos fuscescens</i>	486	WL	
Barn (European) Swallow	<i>Hirundo rustica</i>	518	WL+W	
Grey-rumped Swallow	<i>Pseudhirundo griseopyga</i>	531	WL+W	
Fuelleborn's Longclaw	<i>Macronyx fuelleborni</i>	729	W	
Cape Wagtail	<i>Motacilla capensis</i>	713	W	
Black-eyed (Common) Bulbul	<i>Pycnonotus barbatus</i>	568	WL	
Yellow-bellied Hyliota	<i>Hyliota flavigaster</i>	623	WL	
Croaking Cisticola	<i>Cisticola natalensis</i>	678	WL	
Trilling Cisticola	<i>Cisticola woosnami</i>	Z40	WL	
Miombo Wren Warbler	<i>Calamonastes fasciolatus</i>		WL	
Blue-grey (Ashy) Flycatcher	<i>Muscicapa caerulescens</i>	691	WL	
Chinspot Batis	<i>Batis molitor</i>	701	WL	
Paradise Flycatcher	<i>Terpsiphone viridis</i>	710	WL	
White-winged Black Tit	<i>Parus leucomelas</i>	Z48	WL	
Spotted Creeper	<i>Salpornis spilonotus</i>	559	WL	
Red-backed Shrike	<i>Lanius collurio</i>	733	WL	

LAKE WAKAWAKA - PRELIMINARY REPTILE CHECKLIST

English name	Scientific name	Habitat	✓
TORTOISES:			
Pan Terrapin	<i>Pelusios subniger</i>	W	
SNAKES:			
Black-templed Cat Snake	<i>Crotaphopeltis hotamboeia</i>	WL	
Olive Grass Snake	<i>Psammophis mozambicus</i>	WL	
LIZARDS:			
Blue-headed Tree Agama	<i>Agama cyanogaster</i>	WL	
Variable Skink	<i>Trachylepis varia</i>	WL	
Striped Skink	<i>Trachylepis striata</i>	WL	
Water (Nile) Monitor	<i>Varanus niloticus</i>	W	

LAKE WAKAWAKA - PRELIMINARY AMPHIBIAN CHECKLIST

English name	Scientific name	✓
Guttural Toad	<i>Sclerophrys gutturalis</i>	
Flat-backed Toad	<i>Sclerophrys maculatus</i>	
Kivu Reed Frog	<i>Hyperolius kivuensis</i>	
Long Reed Frog	<i>Hyperolius acuticeps</i>	
Tinker Reed Frog	<i>Hyperolius tuberilinguis</i>	
Marbled Reed Frog	<i>Hyperolius viridifalvus</i>	
Peters' Platanna	<i>Xenopus petersii</i>	
Angola River Frog	<i>Amietia angolensis</i>	
Darling's White-lipped Frog	<i>Amnirana darlingi</i>	
Natal Puddle Frog	<i>Phrynobatrachus natalensis</i>	
Mababe Puddle Frog	<i>Phrynobatrachus mababiensis</i>	
Mascarene Ridged Frog	<i>Ptychadena mascareniensis</i>	
Grandison's Ridged Frog	<i>Ptychadenagdrandisonae</i>	
Spotted Ridged Frog	<i>Ptychadena subpunctata</i>	

LAKE WAKAWAKA -PRELIMINARY FISH CHECKLIST

It should be noted that species designated with cf. or just sp. may constitute undescribed races or even species.

English Name	Scientific Name	✓
Beira Barb	<i>Barbus cf. radiatus</i>	
Orange-fin Barb	<i>Barbus cf. eutaenia</i>	
Spot-tail Barb	<i>Barbus afrovernayi</i>	
“Happy”	<i>Astatotilapia</i> sp.	
“Happy”	<i>Thorachromis</i> sp.	
Banded Tilapia	<i>Tilapia sparrmanii</i>	
Red-breasted Tilapia	<i>Tilapia rendalli</i>	
Brown-spot Largemouth	<i>Serranochromis thumbergi</i>	
Thin-face Largemouth	<i>Serranochromis angusticeps</i>	
“Serrano”	<i>Serranochromis</i> sp.	
Slender Robber	<i>Rhabdalestes rhodesiensis</i>	
Bulldog	<i>Marcusenius macrolepidotus</i>	
Johnston’s Topminnow	<i>Amplocheilichthys johnstoni</i>	

LAKE WAKAWAKA - PRELIMINARY CHECKLIST OF BUTTERFLIES

All butterflies were collected around Lake WakaWaka camp and no attempt was made to sample the adjacent woodlands where many species were flying.

English Name	Scientific Name	✓
FAMILY HESPERIIDAE		
	<i>Platylesches tina</i>	
FAMILY PAPILIONIDAE		
Swordtail	<i>Graphium angolanus</i>	
Veined Swordtail	<i>Graphium leonidas leonidas</i>	
FAMILY PIERIDAE		
Common Grass Yellow	<i>Eurema hecabe solifera</i>	
African Common White	<i>Belenois creona severina</i>	
FAMILY NYMPHALIDAE		
African Monarch	<i>Danaus chrysippus aegyptius</i>	
Joker	<i>Byblia anvatara acheloia</i>	
Charaxes	<i>Charaxes druceanus proximans</i>	
Charaxes	<i>Charaxes guderiana guderiana</i>	
Charaxes	<i>Charaxes variata</i>	
FAMILY LYCAENIDAE		
Hairstreak	<i>Hypolycaena liara</i>	

LAKE WAKAWAKA - LIST OF COMMON AND DISTINCTIVE TREES

Bemba names are listed in brackets behind the English names. In some cases only the Bemba names are given.

English Names	Scientific name
Wild Date Palm (Kanchindu)	<i>Phoenix reclinata</i>
Raphia Palm (Chibale)	<i>Raphia farinifera</i>
Horn-pod Tree (Mwenge)	<i>Diplorhynchus condylocarpon</i>
Quinine Tree (Mwimbi)	<i>Rauvolfia caffra</i>
White Thorn (Munganunshi)	<i>Acacia sieberana</i>
Hook Thorn (Chibombo)	<i>Acacia polyacantha</i>
Wild Rose (Musombo)	<i>Oncoba spinosa</i>
Camel Foot (Mufumbe)	<i>Piliostigma thonningii</i>
Pod Mahogany (Mupapa)	<i>Azelia quanzensis</i>
Musumbu	<i>Brachystegia allenii</i>
Mfuti (Ngansa)	<i>Brachystegia boehmii</i>
Chifwanga	<i>Brachystegia floribunda</i>
Mountain Acacia (Kalimba)	<i>Brachystegia microphylla</i>
Glossy Flat-bean (Katongwe)	<i>Dalbergia nitidula</i>
Mutobo	<i>Isoberlinia angolensis</i>
Mutondo	<i>Julbernardia paniculata</i>
Golden Bean Tree (Musalankwale)	<i>Markhamia obtusifolia</i>
Wild Teak (Mulombwa)	<i>Pterocarpus angolensis</i>
Wild Pear (Mukole)	<i>Dombeya rotundifolia</i>
Wild Loquat (Musuku)	<i>Uapaca kirkiana</i>
Water Berry (Mufinsa)	<i>Syzygium cordatum</i>
Water Berry (Chibumbya)	<i>Syzygium guineense</i>

Lists were compiled by: (in September 2002)

Mammals: C. & M. Stuart; inputs from Edmund Farmer.

Birds: C. & M. Stuart; inputs from John Carlyon, Penny Meakin and Edmund Farmer.

Reptiles: C. & M. Stuart

Amphibians: C. & M. Stuart; inputs from Alan Channing.

Fish: C. & M. Stuart; inputs from Roger Bills.

Butterflies: C. & M. Stuart; inputs from Ernest Pringle.

We would be very pleased to receive new and interesting records on the animal life in order to constantly update these lists.

In this series also:

- ① The Wildlife of Loxton, Central Karoo, South Africa
- ② The Wildlife of “Slypfontein” and “Spes Bona”, Central Karoo, South Africa
- ③ Checklists for the Fauna of the Western Soutpansberg, Northern Province, RSA
- ④ Checklists of the Wildlife (and Trees) of Prince Albert and Environs, RSA
- ⑤ Checklists of the Wildlife of Melton Wold, Central Karoo, South Africa.
- ⑥ Preliminary Checklists of Vertebrates in the vicinity of Shoebill Camp, Zambia.
- ⑦ Checklists of the Fauna and Flora of Kasanka National Park, Zambia.