

JONKERSHOEK NATURE CONSERVATION STATION (3318 DD)

The Jonkershoek Nature Conservation Station is situated in the Jonkershoek Valley near Stellenbosch, and it is surrounded by the Jonkershoekberge and the Stellenboschberge. The valley is drained by the Eerste River and one tributary enters it from the reserve. The area experiences a Mediterranean climate characterised in general terms by dry summer and wet winters. The vegetation types occurring on the station are mountain fynbos (the most extensive), indigenous forest (limited), riverine scrub, man-made habitats - dams, old fields and exotic woodland.

MAMMALS

Unless otherwise indicated, information on the mammals of this reserve is taken from Stuart (1975).

Species	Common name	Habitat	Status	General
<u>INSECTIVORA</u> <u>Myosorex varius</u>	Forest shrew	Most abundant around dams; not taken in indigenous forest or on rocky slopes	Very common	Seems to prefer rank grass growth
<u>Crocidura flavescens</u>	Red musk shrew	Not trapped in indigenous forest or on rocky slopes - otherwise throughout	Common	
<u>Crocidura oyanea</u>	Reddish grey musk shrew	Indigenous forest	One specimen	
<u>Chrysochloris asiatica</u>	Cape golden mole	Riverine scrub, gardens, lands and vicinity of dams	Probably fairly common	As two species of golden mole are present, the abundance of tunnels cannot be ascribed to a single species.

Species	Common name	Habitat	Status	General
<u>Amblysomus hottentotus</u>	Hottentot golden mole			One specimen collected by I. Gaigher - 1977
<u>CHIROPTERA</u> <u>Rhinolophus capensis</u>	Cape horseshoe bat			
<u>Myotis tricolor</u>	Cape hairy bat			
<u>Miniopterus schreibersi</u>	Schreiber's long-fingered bat			
<u>PRIMATES</u> <u>Papio ursinus</u>	Chacma baboon	They were never observed in the vicinity of the dams or the exotic woodland	Probably one troop	Not resident
<u>CARNIVORA</u> <u>Genetta tigrina</u>	Large spotted genet	Trapped in riverine scrub and in the vicinity of the dams	Fairly common	Taken at same trap site as <u>G. genetta</u> .

Species	Common name	Habitat	Status	General
<u>Genetta genetta</u>	Small spotted genet	In addition to those sites mentioned under <u>G. tigrina</u> it was also taken in fynbos	Fairly common	
<u>Herpestes pulverulentus</u>	Cape grey mongoose	Fynbos, riverine, gardens and in the vicinity of dams	Common	Probably the most abundant carnivore.
<u>Atilax paludinosus</u>	Water mongoose	Riverine and dams	Fairly common	
<u>Felis caracal</u>	Caracal	Fynbos/exotic woodland; outside the reserve	One record	H. Bourn (pers. comm.)
<u>Felis libyca?</u>	Wild cat/feral cat	Fynbos - but feral cats noted in riverine and dam areas	Feral cats - fairly common	Middens attributable to <u>F. libyca</u> were found. A specimen needs to be secured.
<u>Panthera pardus</u>	Leopard		Unknown; at best uncommon	Two leopard have been trapped (most recent - 1978) in the reserve. The latter was marked and released. Unlikely to be resident

Species	Common name	Habitat	Status	General
<u>Aonyx capensis</u>	Clawless otter	Riverine and dams	Uncommon	Not found to be resident
<u>Mellivora capensis</u>	Honey badger		One specimen	Outside the reserve - on road to Stellenbosch (N.G.P.)
<u>HYRACOIDEA</u> <u>Procavia capensis</u>	Cape dassie	Rocky slopes		Outside the reserve; at the edge of the indige- nous forest.
<u>ARTIODACTYLA</u> <u>Sus scrofa</u>	Feral pigs	Exotic woodland, gardens and lands	Fairly common	
<u>Sylvicapra grimmia</u>	Common duiker	Fynbos, riverine, gardens and in the vicinity of the dams	Uncommon	Endemic
<u>Damaliscus d. dorcas</u>	Bontebok		Introduced	Assegaibosch extension
<u>Antidorcas marsupialis</u>	Springbok		Introduced	Assegaibosch extension

Oreotragus oreotragus/...

Species	Common name	Habitat	Status	General
<u>Oreotragus oreotragus</u>	Klipspringer	Rocky slopes/edge of indigenous forest	Rare	Endemic
<u>Raphicerus campestris</u>	Steenbok		Introduced	Assegaaibosch extension
<u>Raphicerus melanotis</u>	Grysbok	Fynbos, gardens and dams	Uncommon	Endemic
<u>LAGOMORPHA</u> <u>Lepus saxatilis</u>	Scrub hare	Fynbos and gardens	Uncommon	Young specimen collected
<u>RODENTIA</u> <u>Otomys irroratus</u>	Vlei rat	Vicinity of dams	Fairly common	Runways abundant in rank grass growth
<u>Otomys saundersae</u>	Saunder's vlei rat	Fynbos		Only taken once
<u>Dendromus mesomelas</u>	Chestnut climbing mouse	Taken from reeds (Typha) at edge of dam.		Only taken once. The reeds were being cut.

Rhabdomys/...

Species	Common name	Habitat	Status	General
<u>Rhabdomys pumilio</u>	Striped mouse	Not taken on rocky slopes or in indigenous forest	Very common	Most numerous in the vicinity of dams
<u>Acomys subspinosus</u>	Cape spiny mouse			Taken by Toes (1972) in adjacent Forestry areas. Can be expected to occur.
<u>Aethomys namaquensis</u>	Namaqua rock rat	Rocky slopes and fynbos	Common	
<u>Mus minutoides</u>	Pygmy mouse	Not taken on rocky slopes or in riverine scrub	Few taken, but could be fairly common	
<u>Mus musculus</u>	House mouse	Buildings	Fairly common	Exotic
<u>Praomys verreauxi</u>	Verreaux's rat	Riverine scrub	One specimen	
<u>Rattus norvegicus</u>	Brown rat	Oak woodland and dam area	Unknown	Exotic
<u>Hystrix africae-australis</u>	Cape porcupine	Probably throughout	Fairly common	

Species	Common name	Habitat	Status	General
<u>Cryptomys hottentotus</u>	Common mole-rat	Fynbos and Gardens		Too few specimens of both mole-rats taken to enable status to be determined. Mounds are numerous however.
<u>Georychus capensis</u>	Cape mole-rat	Chiefly fynbos and gardens		
<u>Sciurus carolinensis</u>	American grey squirrel	Not recorded for rocky slopes or mountain fynbos. Only once from indigenous forest.	Very common	Particularly abundant in exotic woodland. Exotic

BIRDS/...

(Annual Reports; personal records)

Roberts Number	Species	Common name	General
PODICIPIDAE 6	<u>Tachybaptus ruficollis</u>	Dabchick	
PHALACROCORACIDAE 47 50	<u>Phalacrocorax carbo</u> <u>Phalacrocorax africanus</u>	White-breasted cormorant Reed cormorant	
ANHINGIDAE 52	<u>Anhinga rufa</u>	Darter	
ARDEIDAE 54 57 59 61 69	<u>Ardea cinerea</u> <u>Ardea purpurea</u> <u>Egretta garzetta</u> <u>Bubulcus ibis</u> <u>Nycticorax nycticorax</u>	Grey heron Purple heron Little egret Cattle egret Night heron	Breeds Breeds
SCOPIIDAE 72	<u>Scopus umbretta</u>	Hamerkop	

ANATIDAE/...

Roberts Number	Species	Common name	General
ANATIDAE 87 88 89 90 94 95 96 97 98 102 103 104	<u>Cygnus olor</u> <u>Plectropterus gambensis</u> <u>Alopchen aegyptiacus</u> <u>Tadorna cana</u> <u>Anas smithii</u> <u>Anas sparsa</u> <u>Anas undulata</u> <u>Anas erythrorhyncha</u> <u>Anas capensis</u> <u>Netta erythrophthalma</u> <u>Oxyura punctata</u> <u>Thalassornis leuconotus</u>	Mute swan Spurwing goose Egyptian goose South African shelduck Cape shoveler Black duck Yellow-billed duck Red-billed teal Cape teal Red-eyed pochard Maccoa duck White-backed duck	Introduced <u>Exotic</u> . Many ducks have been released on the reserve over the years and all have bred. Most occur naturally.
FALCONIDAE 113 123	<u>Falco peregrinus</u> <u>Falco tinnunculus</u>	Peregrine Rock kestrel	
AQUILIDAE 130 133 152 154 167	<u>Elanus caeruleus</u> <u>Aquila verreauxi</u> <u>Buteo rufofuscus</u> <u>Buteo buteo</u> <u>Circus ranivorus</u>	Black-shouldered kite Black eagle Jackal buzzard Buzzard African marsh harrier	

PHASSIANIDAE/...

Roberts Number	Species	Common name	General
PHASSIANIDAE 176 181 188	<u>Francolinus africanus</u> <u>Francolinus capensis</u> <u>Alectoris chukar</u>	Grey-wing francolin Cape francolin Chukar partidge	Breeds A single bird in picnic site adjacent to the reserve in 1972 Exotic
NUMIDIDAE 192	<u>Numida meleagris</u>	Crowned guinea-fowl	Breeds
RALLIDAE 203 208 210 212 -666	<u>Limnocorax flavirostris</u> <u>Porphyrio porphyrio</u> <u>Gallinula chloropus</u> <u>Fulica cristata</u>	Black crane Purple gallinule Moorhen Red-knobbed coot	Breeds Breeds
GRUIDAE 216	<u>Anthropoides paradisea</u>	Blue crane	Introduced. Asse-gaaibosch extension (+ <u>B. regulorum</u>)
CHARADRIIDAE 238 242 245	<u>Charadrius tricollaris</u> <u>Stephanibyx coronatus</u> <u>Hoplopterus armatus</u>	Three-banded sand plover Crowned plover Blacksmith plover	Breeds

Roberts Number	Species	Common name	General
SCOLOPACIDAE 250 262	<u>Gallinago nigripennis</u> <u>Tringa stagnatilis</u>	Ethiopian snipe Marsh sandpiper	
RECURVIROSTRIDEA 270	<u>Himantopus himantopus</u>	Stilt	
BURHINIDAE 275	<u>Burhinus capensis</u>	Dikkop	Breeds
COLUMBIDAE 311 312 314 316 317 322	<u>Columba guinea</u> <u>Columba arquatrix</u> <u>Streptopelia semitorquata</u> <u>Streptopelia capicola</u> <u>Stigmatopelia senegalensis</u> <u>Aplopelia larvata</u>	Rock pigeon Rameron pigeon Red-eyed turtle dove Cape turtle dove Laughing dove Cinnamon dove	Breeds Breeds Breeds
CUCULIDAE 343 356	<u>Cuculus solitarius</u> <u>Centropus superciliosus</u>	Red-chested cuckoo White-browed coucal	
BUBONIDAE 362 368	<u>Ciccaba woodfordii</u> <u>Bubo africanus</u>	Wood owl Spotted eagle owl	Bred just outside the reserve in 1972

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CAPRIMULGIDAE 373	<u>Caprimulgus pectoralis</u>	Fiery-necked nightjar	
MICROPODIDAE 383 386	<u>Apus caffer</u> <u>Apus melba</u>	White-rumped swift Alpine swift	
COLIIDAE 390 392	<u>Colius striatus</u> <u>Urocolius indicus</u>	Speckled mousebird Red-faced mousebird	
ALCEDINIDAE 394 395 396 397	<u>Ceryle rudis</u> <u>Megaceryle maxima</u> <u>Alcedo semitorquata</u> <u>Corythornis cristata</u>	Pied kingfisher Giant kingfisher Half-collared kingfisher Malachite kingfisher	
UPUPIDAE 418	<u>Upupa africana</u>	African hoopoe	Breeds
PICIDAE 450	<u>Dendropicos fuscescens</u>	Cardinal woodpecker	
HIRUNDINIDAE 493 502 506 509	<u>Hirundo rustica</u> <u>Cecropis cucullata</u> <u>Ptyonoprogne fuligula</u> <u>Riparia paludicola</u>	European swallow Gt. striped swallow Rock martin African sand martin	

Roberts Number	Species	Common name	General
CORVIDAE 522 (523) 524	<u>Corvus albus</u> <u>Corvus capensis</u> <u>Corvultur albicollis</u>	Pied crow Black crow White-necked raven	
PYCNONOTIDAE 543	<u>Pycnonotus capensis</u>	Cape bulbul	Breeds
TURDIDAE 553 570 581	<u>Turdus olivaceus</u> <u>Cercomela familiaris</u> <u>Cossypha caffra</u>	Olive thrush Familiar chat Cape robin	Breeds Breeds
SYLVIIDAE 604 609 622 637 646	<u>Calamocichla gracilirostris</u> <u>Bradypterus baboeculus</u> <u>Apalis thoracica</u> <u>Cisticola fulvicapilla</u> <u>Cisticola tinniens</u>	Cape reed warbler African sedge warbler Bar-throated apalis Neddicky Le Vaillant's cisticola	Breeds
PRINIIDAE 651	<u>Prinia maculosa</u>	Karoo prinia	

MUSCICAPIDAE/...

Roberts Number	Species	Common name	General
MUSCICAPIDAE 654 665 672 682	<u>Muscicapa striata</u> <u>Sigelus silens</u> <u>Batis capensis</u> <u>Terpsiphone viridis</u>	Spotted flycatcher Fiscal flycatcher Cape batis Paradise flycatcher	Breeds
MOTACILLIDAE 686	<u>Motacilla capensis</u>	Cape wagtail	Breeds
LANIIDAE 707 709 722	<u>Lanius collaris</u> <u>Laniarius ferrugineus</u> <u>Telophorus zeylonus</u>	Fiscal Boubou Bokmakierie	Breeds Breeds Breeds
STURNIDAE 733 745	<u>Sturnus vulgaris</u> <u>Onychognathus morio</u>	European starling Red-winged starling	
PROMEROPIDAE 749	<u>Promerops cafer</u>	Cape sugarbird	Breeds
NECTARINIIDAE 751 753 760	<u>Nectarinia famosa</u> <u>Anthobaphes violacea</u> <u>Cinnyris chalybeus</u>	Malachite sunbird Orange-breasted sunbird L. double-collard sunbird	
ZOSTEROPIDAE 775	<u>Zosterops pallidus</u>	Cape white-eye	

Roberts Number	Species	Common name	General
PLOCEIDAE 784 786 799 808 810 843 846	<u>Passer domesticus</u> <u>Passer melanurus</u> <u>Ploceus capensis</u> <u>Euplectes orix</u> <u>Euplectes capensis</u> <u>Estrilda astrild</u> <u>Vidua macroura</u>	House sparrow Cape sparrow Cape weaver Red bishop Cape bishop Common waxbill Pin-tailed whydah	Breeds Breeds Breeds Breeds
FRINGILLIDAE 857 863 873	<u>Serinus canicollis</u> <u>Crithagra sulphurata</u> <u>Fringillaria capensis</u>	Cape canary Bully seed-eater Cape bunting	

REPTILES/....

REPTILES

Species	Common name
SNAKES COLUBRIDAE <u>Lycodonomorphus rufulus</u> <u>Boaedon fuliginosus</u> <u>Pseudaspis cana</u> <u>Dispholidus typus</u>	Brown water snake Brown house-snake Mole snake Boomslang (only once; in the extension)
ELAPIDAE <u>Naja nivea</u>	Cape cobra
VIPERIDAE <u>Bitis arietans</u>	Puffadder
LIZARDS SCINCIDAE <u>Mabuya capensis</u>	Striped skink
TORTOISES <u>Homopus areolatus</u> <u>Pelomedusa subrufa</u>	Padlopertjie Water tortoise

AMPHIBIANS/...

AMPHIBIANS

Species	Common name	General
<u>PIPIDAE</u> <u>Xenopus laevis</u>	Common platanna	Very common
<u>LEPTODACTYLIDAE</u> <u>Heleophryne purcelli</u>	Ghost frog	Unknown
<u>MICROHYLIDAE</u> <u>Brevicets montanus</u>	Mountain rain frog	
<u>RANIDAE</u> <u>Rana fuscigula</u> <u>Rana grayi</u> <u>Arthroleptella</u> <u>lightfooti</u>	Cape rana Gray's frog Chirping frog	Common Common Common

ROCHERPAN/...