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**FOURTH BIODIVERSITY ASSESSMENT REPORT**

**OF OL ARI NYIRO, LAIKIPIA NATURE CONSERVANCY, NORTHERN KENYA**

July, 2013

# Executive Summary:

We present an updated comprehensive biodiversity report (excluding mammals) of Ol Ari Nyiro (OAN), Laikipia Nature Conservancy (LNC) following a series of assessments by the National Museums of Kenya (NMK) since 2008. This report contains updates from study conducted from June 28 to July 9, 2013 including amphibians, reptiles, birds, plants, terrestrial and aquatic macro invertebrates. External parasites of birds were incorporated in the survey as an independent component for the first time. As mentioned above, this report does not include an account of the mammals. However, LNC has abundant populations mammals including elephant, lion, leopard and buffalo. The report is presented on each of the component surveyed as follows:- Chapter 1 – Reptiles and Amphibians; Chapter 2 – Birds; Chapter 3 – Ecto-parasites of Birds; Chapter 4 – Invertebrates and; Chapter 5 – Plants. Detailed findings are outlined in the respective chapters.

OAN-LNC stands out among other conservation areas in the greater Laikipia region for two main reasons. First, it remains the largest privately protected area in the area covering 400 km2 encompassing the most diverse habitat types from grasslands, high forest to riverine vegetation. Secondly, it is the only conservancy in Laikipia without livestock dedicated to nature conservation following the complete eradication of cattle ranching in 1998. A dramatic improvement in biodiversity richness has been witnessed since then, with significant increase in vegetation cover. Located on the eastern wall of the Rift Valley, the Conservancy is the most important water catchment area for Lake Baringo among other ecological benefits for the riparian community.

Besides the presence of a variety of large game, very high species diversity of relatively inconspicuous but equally important biota has been documented in Laikipia Nature Conservancy comprising of 14 amphibians (i.e. frogs and toads), 55 reptiles, 477 birds, more than 800 vascular plants, and 755 macro-invertebrates. Four taxa of ecto-paratsites (louse fly, lice, mites & ticks) have been recorded from birds. This significant species richness, in an area surrounded by a highly degraded landscape, is perhaps directly correlated with the radical shift in management i.e. the removal of cattle and total dedication to nature conservation as a long term management strategy, which may have resulted in recovery of species populations over time. To achieve this noble goal, the survival of these species, some of which are globally threatened with extinction, must be ensured through sustained management and supportive legislative framework. It is also worth noting that recent research from Ol Ari Nyiro has led to the discovery of species new to science; e.g. the newly described butterfly, *Aslauga gallmannae* Libert & Collins 2013 presently only known from the Engelesha forest.

The species inventory was discovered to be far from exhaustive as more new records were still being detected. It is important to note that the total list of species has been steadily increasing with each assessment conducted over the recent years. In the most recent assessment, a total of 59 new species were recorded in the conservancy. These included 1 snake, 7 birds, 43 invertebrates , 2 fish, and 6 plants.

Our findings underscore the state of this conservancy as a highly pristine ecosystem and its enormous potential to contribute to sustainable development and the ripple effect of improvement of livelihood in the area. The presence of some highly sensitive aquatic macro-invertebrates like the Stone fly *Neorperla kunensis,* Water penny beetle *Psephenus sp.,* and mayfly *Afronurus harrison* as well as various amphibians implied that the water quality was of the highest integrity score. With nearly 45% of Kenya’s bird species documented here, LNC is undoubtedly an important tourist destination as a bird watcher’s paradise. Moreover, lying along the Rift Valley; one of the prominent bird migration routes, LNC offers a critical passage and wintering habitat for a number of Palearctic migrants. On the other hand, the plant diversity in the area is potentially a huge reservoir for traditional health remedies.

Nevertheless, the results presented here only represent a small fraction of the entire area covered by the Conservancy, and large portions still remain to be studied in the future. It is envisaged that more species will certainly be detected in future surveys. LNC’s inventory is the only such comprehensive, detailed and diverse inventory in the entire Laikipia wildlife dispersal area and Kenya at large. It serves as a classic example of the best approach since its only by understanding ecosystem dynamics, including species present, that we can employ effective and sustainable practices that benefit wildlife and humanity.

**CHECKLIST OF BIODIVERSITY OF OL ARI NYIRO, MUKUTAN NATURE CONSERVANCY,**

**WESTERN LAIKIPIA, NORTHERN KENYA, EAST AFRICA**

**Mammals:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Family** | **Species** | **Common name** | **IUCN status** |
|  | **Colobidae** -Old world monkeys and apes |  |  |  |
| 1 |  | *Colobus guereza* | Eastern Black & White Colobus | LC |
|  | **Cercopithecidae** -Cheek Pouch Monkeys |  |  |  |
| 2 |  | *Papio anubis* | Olive Baboon | LC |
| 3 |  | *Chlorocebus pygerythrus* | Vervet Monkey | LC |
| 4 |  | *Cercopithecus mitis* | Syke's/ Blue Monkey | LC |
|  | **Galagonidae** -Galagos or Bushbabies |  |  |  |
| 5 |  | *Galago senegalensis* | Northern Lesser Galago | LC |
|  | **Nycteridae** |  |  |  |
| 6 |  | *Nycteris thebaica* | Egyptian Slit-faced Bats | LC |
|  | **Megadermatidae-**Large winged Bats |  |  |  |
| 7 |  | *Lavia frons* | Yellow-winged Bat | LC |
|  | **Rhinolophinae** |  |  |  |
| 8 |  | *Rhinolophus landeri* | Lander's Horseshoe Bat | LC |
| 9 |  | *Rhinolophus fumigatus* | Ruppel’s Horseshoe Bat | LC |
|  | **Molossidae** |  |  |  |
| 10 |  | *Chaerophon pumilus* | Free-tailed Bats |  |
|  | **Vespertilionidae-**Vesper Bats |  |  |  |
| 12 |  | *Neuromica nanulus* |  |  |
|  | **Scotoecus-** Evening Bats |  |  |  |
| 13 |  | *Scotoecus hirundo* |  | LC |
|  | **Erinaceidae** -Hedgehogs |  |  |  |
| 14 |  | *Atelerix albiventris* | Four-toed Hedgehog | LC |
|  | **Soricidae** -Shrews |  |  |  |
| 15 |  | *Crocidura sp.* | Musk Shrew |  |
| 16 |  | *Crocidura fuscomurina* |  |  |
|  | **Macroscelidinae-** Soft-furred Elephant Shrews |  |  |  |
| 17 |  | *Elephantulus rufescens* | Rufous Elephant-shrew | LC |
|  | **Leporidae-**Hares |  |  |  |
| 18 |  | *Lepus capensis* | Cape Hare | LC |
|  | **Sciuridae-**Squirrels |  |  |  |
| 19 |  | *Xerus erythropus* | Striped/ Geoffroy's Ground Squirrel | LC |
| 20 |  | *Paraxerus ochraceus* | Ochre Bush Squirrel | LC |
|  | **Myoxidae -**Dormice |  |  |  |
| 21 |  | *Graphiurus murinus* | Woodland Dormouse | LC |
|  | **Hystricidae** -Porcupines |  |  |  |
| 22 |  | *Hystrix cristata* | Crested Porcupine | LC |
|  | **Gerbillidae** -Gerbils |  |  |  |
| 23 |  | *Taterillus sp.* | Taterillus Gerbils |  |
|  | **Cricetidae** -Pouched Rats |  |  |  |
| 24 |  | *Cricetomys gambianus* | Northern Giant Pouched Rat | LC |
|  | **Muridae** -Murid Rats and Mice |  |  |  |
| 25 |  | *Mastomys cf pernanus* | Multimammate Rat |  |
| 26 |  | *Mus minutoides* | Pygmy Mouse | LC |
| 27 |  | *Aethomys hindei* | Hinde’s Rock Rat | LC |
| 28 |  | *Lemniscomys striatus* | Typical Striped Grass Mouse | LC |
| 29 |  | *Arvicanthis niloticus* | Nile Grass Rat | LC |
|  | **Canidae** -Dogs and Allies |  |  |  |
| 30 |  | *Canis adustus* | Side-striped Jackal | LC |
| 31 |  | *Canis mesomelas* | Black-backed Jackal | LC |
| 32 |  | *Lycaon pictus* | Wild Dog/Hunting dog | EN |
| 33 |  | *Otocyon megalotis* | Bat-eared Fox | LC |
|  | **Mustelidae** -Mustelids |  |  |  |
| 34 |  | *Aonyx capensis* | African Clawless Otter | LC |
| 35 |  | *Ictonyx striatus* | Zorilla | LC |
| 36 |  | *Mellivora capensis* | Ratel/Honey Badger | LC |
|  | **Herpestidae** -Mongooses |  |  |  |
| 37 |  | *Ichneumia albicauda* | White-tailed Mongoose | LC |
| 38 |  | *Helogale parvula* | Common Dwarf Mongoose | LC |
| 39 |  | *Herpestes sanguineus* | Slender Mongoose | LC |
|  | **Hyaenidae** -Hyaenids |  |  |  |
| 40 |  | *Crocuta crocuta* | Spotted Hyaena | LC |
| 41 |  | *Hyaena hyaena* | Striped Hyaena | NT |
| 42 |  | *Proteles cristata* | Aardwolf | LC |
|  | **Viverridae** -Civets & Genets |  |  |  |
| 43 |  | *Civettictis civetta* | African Civet | LC |
| 44 |  | *Genetta genetta* | Common Genet | LC |
| 45 |  | *Genetta tigrina* | Blotched Genet | LC |
|  | **Felidae** -Cats |  |  |  |
| 46 |  | *Acinonyx jubatus* | Cheetah | VU |
| 47 |  | *Caracal caracal* | Caracal | LC |
| 48 |  | *Leptailurus serval* | Serval | LC |
| 49 |  | *Felis silvestris* | African Wild Cat | LC |
| 50 |  | *Panthera leo* | Lion | VU |
| 51 |  | *Panthera pardus* | Leopard-Melanistic Leopard | NT |
|  | **Manidae** -Pangolins |  |  |  |
| 52 |  | *Smutsia temminckii* | Temminck's Ground Pangolin | LC |
|  | **Orycteropodidae** -Aardvark |  |  |  |
| 53 |  | *Orycteropus afer* | Aardvark | LC |
|  | **Procaviidae** -Hyraxes |  |  |  |
| 54 |  | *Heterohyrax brucei* | Bush Hyrax | LC |
| 55 |  | *Procavia capensis* | Rock Hyrax/Dassie | LC |
|  | **Elephantidae** -Elephants |  |  |  |
| 56 |  | *Loxodonta africana* | African Elephant | VU |
|  | **Equidae** -Horses |  |  |  |
| 57 |  | *Equus quagga* | Plains Zebra | LC |
|  | **Hippopotamidae** -Hippopotamuses |  |  |  |
| 58 |  | *Hippopotamus amphibius* | Hippopotamus | VU |
|  | **Suidae** -Pigs |  |  |  |
| 59 |  | *Phacochoerus africanus* | Common Warthog | LC |
| 60 |  | *Potamochoerus larvatus* | Bushpig | LC |
|  | **Giraffidae** -Giraffes |  |  |  |
| 61 |  | *Giraffa camelopardalis reticulata* | Reticulated Giraffe | LC |
|  | **Bovidae** -Bovids, Horned Ungulates |  |  |  |
| 62 |  | *Syncerus caffer* | African Buffalo | LC |
| 63 |  | *Tragelaphus scriptus* | Bushbuck | LC |
| 64 |  | *Tragelaphus strepsiceros* | Greater Kudu | LC |
| 65 |  | *Aepyceros melampus* | Impala | LC |
| 66 |  | *Alcelaphus buselaphus*  *jacksoni* | Kenya/Jackson's Hartebeest |  |
| 67 |  | *Cephalophus harveyi* | Harvey’s (Red) Duiker | LC |
| 68 |  | *Kobus ellipsiprymnus*  *defassa* | Defassa Waterbuck |  |
| 69 |  | *Oreotragus oreotragus* | Klipspringer | LC |
| 70 |  | *Raphicerus campestris* | Steenbok | LC |
| 71 |  | *Redunca fulvorufula* | Mountain Reedbuck | LC |
| 72 |  | *Redunca redunca* | Bohor Reedbuck | LC |
| 73 |  | *Madoqua guentheri* | Guenther's Dik-dik | LC |
| 74 |  | *Sylvicapra grimmia* | Bush/Common Duiker |  |

**Bird Species:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | **Migration Status** | **IUCNStatus** | **Forest-dep. Category** | **Pre-2008** | **2008 (July)** | **2011 (Aug.)** | **2012 (April)** | **2013 (June/July** |
|
|
| **Ser. No.** | **Species Common Name** | **Species Scientific Name** |
|
| **Struthionidae: Ostrishes** | |  |  |  |  |  |  |  |  |  |
| 1 | Ostrich | *Struthio camelus* |  | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Numididae: Guineafowl** | |  |  |  |  |  |  |  |  |  |
| 2 | Helmeted Guineafowl | *Numida meleagris* |  | LC |  | x | x |  | x/Br | x |
| 3 | Crested Guineafowl | *Guttera pucherani* |  | LC | F | x |  |  | x |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Phasianidae: Stone Partridge, Francolins, Spurfowl & Quails** | | |  |  |  |  |  |  |  |  |
| 4 | Stone Partridge | *Ptilopachus petrosus* |  | LC |  | x |  |  |  |  |
| 5 | Shelley's Francolin | *Francolinus shelleyi* |  | LC |  | x |  |  |  |  |
| 6 | Crested Francolin | *Francolinus sephaena* |  | LC |  | x | x | x | x | x |
| 7 | Scaly Francolin | *Francolinus squamatus* |  | LC |  | x |  | x |  |  |
| 8 | Hildebrandt's Francolin | *Francolinus hildebrandti* |  | LC |  | x | x | x | x |  |
| 9 | Yellow-necked Spurfowl | *Francolinus leucoscepus* |  | LC |  | x | x | x | x | x |
| 10 | Common Quail | *Coturnix coturnix* | pm | LC |  |  |  |  |  | x |
| 11 | Harlequin Quail | *Coturnix delegorguei* | am | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Anatidae: Ducks & Geese** | |  |  |  |  |  |  |  |  |  |
| 12 | White-faced Whistling Duck | *Dendrocygna viduata* |  | LC |  | x |  | x |  |  |
| 13 | Fulvous Whistling Duck | *Dendrocygna bicolor* | AM | LC |  | x |  |  |  |  |
| 14 | Spur-winged Goose | *Plectropterus gambensis* |  | LC |  | x |  |  |  |  |
| 15 | Knob-billed Duck | *Sarkidiornis melanotos* | am | LC |  | x |  | x |  |  |
| 16 | Egyptian Goose | *Alopochen aegyptiacus* |  | LC |  | x | x | x | x/Br | x |
| 17 | Cape Teal | *Anas capensis* |  | LC |  | x |  |  |  |  |
| 18 | Eurasian Wigeon | *Anas penelope* | PM | LC |  | x |  | x |  |  |
| 19 | African Black Duck | *Anas sparsa* |  | LC |  |  |  |  |  | x |
| 20 | Yellow-billed Duck | *Anas undulata* | am | LC |  | x | x | x |  | x |
| 21 | Northern Shoveler | *Anas clypeata* | PM | LC |  | x |  |  |  |  |
| 22 | Red-billed Teal | *Anas erythrorhyncha* |  | LC |  | x |  |  |  |  |
| 23 | Northern Pintail | *Anas acuta* | PM | LC |  | x |  |  |  |  |
| 24 | Garganey | *Anas querquedula* | PM | LC |  | x |  | x |  |  |
| 25 | Hottentot Teal | *Anas hottentota* |  | LC |  | x |  | x |  |  |
| 26 | Southern Pochard | *Netta erythrophthalma* | am | LC |  | x |  | x |  |  |
| 27 | Common Pochard | *Aythya ferina* | PM | LC |  | x |  |  |  |  |
| 28 | Tufted Duck | *Aythya fuligula* | PM | LC |  | x |  | x |  |  |
| 29 | Maccoa Duck | *Oxyura maccoa* |  | NT |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Podicipedidae: Grebes** | |  |  |  |  |  |  |  |  |  |
| 30 | Little Grebe | *Tachybaptus ruficollis* |  | LC |  | x | x | x | x/Br | x |
| 31 | Great Crested Grebe | *Podiceps cristatus* |  | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Phoenicopteridae: Flamingos** | |  |  |  |  |  |  |  |  |  |
| 32 | Greater Flamingo | *Phoenicopterus roseus* | am, pm | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Ciconiidae: Storks** | |  |  |  |  |  |  |  |  |  |
| 33 | Yellow-billed Stork | *Mycteria ibis* | (am) | LC |  | x | x | x | x | x |
| 34 | African Open-billed Stork | *Anastomus lamelligerus* | am | LC |  | x | x |  |  |  |
| 35 | Black Stork | *Ciconia nigra* | PM | LC |  | x |  |  |  |  |
| 36 | Abdim's Stork | *Ciconia abdimii* | AM | LC |  | x |  |  |  |  |
| 37 | Woolly-necked Stork | *Ciconia episcopus* |  | LC |  | x | x | x |  | x |
| 38 | White Stork | *Ciconia ciconia* | PM | LC |  | x |  |  | x |  |
| 39 | Saddle-billed Stork | *Ephippiorhynchus senegalensis* |  | LC |  | x |  |  | x |  |
| 40 | Marabou Stork | *Leptoptilos crumeniferus* |  | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Threskiornithidae: Ibises & Spoonbills** | | |  |  |  |  |  |  |  |  |
| 41 | Sacred Ibis | *Threskiornis aethiopicus* |  | LC |  | x | x | x | x |  |
| 42 | Hadada Ibis | *Bostrychia hagedash* |  | LC |  | x | x | x | x | x |
| 43 | Glossy Ibis | *Plegadis falcinellus* | am, pm | LC |  | x |  |  |  |  |
| 44 | African Spoonbill | *Platalea alba* |  | LC |  | x | x | x | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Ardeidae: Herons, Egrets & Bitterns** | | |  |  |  |  |  |  |  |  |
| 45 | Black-crowned Night Heron | *Nycticorax nycticorax* | am, pm | LC |  | x |  |  |  |  |
| 46 | Striated Heron | *Butorides striata* | am, pm | LC |  | x |  | x | x |  |
| 47 | Squacco Heron | *Ardeola ralloides* | am, pm | LC |  | x |  | x |  |  |
| 48 | Madagascar Pond Heron | *Ardeola idae* | MM | EN |  | x |  | x |  | x |
| 49 | Cattle Egret | *Bubulcus ibis* | am | LC |  | x | x | x |  | x |
| 50 | Grey Heron | *Ardea cinerea* | am, pm | LC |  | x | x | x | x | x |
| 51 | Black-headed Heron | *Ardea melanocephala* |  | LC |  | x | x | x | x | x |
| 52 | Goliath Heron | *Ardea goliath* |  | LC |  | x |  |  |  |  |
| 53 | Great White Egret | *Ardea alba* |  | LC |  | x |  | x |  |  |
| 54 | Yellow-billed Egret | *Egretta intermedia* |  | LC |  | x |  | x |  | x |
| 55 | Little Egret | *Egretta garzetta* |  | LC |  | x |  | x |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Scopidae: Hamerkop** | |  |  |  |  |  |  |  |  |  |
| 56 | Hamerkop | *Scopus umbretta* |  | LC |  | x | x | x | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Pelecanidae: Pelicans** | |  |  |  |  |  |  |  |  |  |
| 57 | Great White Pelican | *Pelecanus onocrotalus* |  | LC |  | x |  | x |  |  |
| 58 | Pink-backed Pelican | *Pelecanus rufescens* |  | LC |  | x | x | x |  | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Phalacrocoracidae: Cormorants** | |  |  |  |  |  |  |  |  |  |
| 59 | Reed Cormorant | *Phalacrocorax africanus* |  | LC |  | x | x | x | x |  |
| 60 | Great Cormorant | *Phalacrocorax carbo* |  | LC |  | x | x | x |  | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Anhingidae: Darter** | |  |  |  |  |  |  |  |  |  |
| 61 | African Darter | *Anhinga rufa* |  | LC |  | x |  | x |  | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Falconidae: Falcons** | |  |  |  |  |  |  |  |  |  |
| 62 | Pygmy Falcon | *Polihierax semitorquatus* |  | LC |  | x |  |  |  |  |
| 63 | Lesser Kestrel | *Falco naumanni* | PM | Vu |  | x |  |  |  |  |
| 64 | Common Kestrel | *Falco tinnunculus* | pm | LC |  | x |  |  |  |  |
| 65 | Greater Kestrel | *Falco rupicoloides* |  | LC |  | x |  |  |  |  |
| 66 | Grey Kestrel | *Falco ardosiaceus* |  | LC |  | x |  |  |  |  |
| 67 | Red-footed Falcon | *Falco vespertinus* | PM | NT |  | x |  |  |  |  |
| 68 | Eurasian Hobby | *Falco subbuteo* | PM | LC |  | x |  |  |  |  |
| 69 | African Hobby | *Falco cuvieri* |  | LC | F | x |  |  |  |  |
| 70 | Lanner Falcon | *Falco biarmicus* |  | LC |  | x | x | x |  |  |
| 71 | Peregrine Falcon | *Falco peregrinus* | pm | LC |  | x | x | x |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Accipitridae: Diurnal Birds of Prey other than Falcons** | | |  |  |  |  |  |  |  |  |
| 72 | Secretarybird | *Sagittarius serpentarius* |  | LC |  | x |  | x |  |  |
| 73 | Osprey | *Pandion haliaetus* | PM | LC |  | x | x |  |  |  |
| 74 | African Cuckoo Hawk | *Aviceda cuculoides* | am | LC | F | x |  |  |  |  |
| 75 | Bat Hawk | *Macheiramphus alcinus* |  | LC | F | x |  |  |  |  |
| 76 | African Black-shouldered Kite | *Elanus caeruleus* | [am] | LC |  | x | x |  | x | x |
| 77 | Black Kite | *Milvus migrans* | am, pm | LC |  | x |  |  |  |  |
| 78 | African Fish Eagle | *Haliaeetus vocifer* |  | LC |  | x | x | x | x/Br | x |
| 79 | Egyptian Vulture | *Neophron percnopterus* |  | EN |  | x |  |  |  |  |
| 80 | Hooded Vulture | *Necrosyrtes monachus* |  | LC | f | x |  |  |  |  |
| 81 | Rüppell's Vulture | *Gyps rueppellii* |  | NT |  | x |  |  |  |  |
| 82 | White-backed Vulture | *Gyps africanus* |  | NT |  | x |  |  |  |  |
| 83 | White-headed Vulture | *Trigonoceps occipitalis* |  | VU |  | x |  |  |  |  |
| 84 | Short-toed Snake Eagle | *Circaetus gallicus* | PM | LC |  | x |  |  |  |  |
| 85 | Black-chested Snake Eagle | *Circaetus pectoralis* |  | LC |  | x |  |  |  |  |
| 86 | Brown Snake Eagle | *Circaetus cinereus* |  | LC |  | x | x |  |  |  |
| 87 | Western Banded Snake Eagle | *Circaetus cinerascens* |  | LC |  | x |  |  |  |  |
| 88 | Bateleur | *Terathopius ecaudatus* |  | NT |  | x |  |  |  |  |
| 89 | Western Marsh Harrier | *Circus aeruginosus* | PM | LC |  | x |  |  |  |  |
| 90 | African Marsh Harrier | *Circus ranivorus* |  | LC |  | x |  | x | x |  |
| 91 | Pallid Harrier | *Circus macrourus* | PM | NT |  | x |  | x |  |  |
| 92 | Montagu's Harrier | *Circus pygargus* | PM | LC |  | x |  |  |  |  |
| 93 | African Harrier-Hawk | *Polyboroides typus* |  | LC | f | x | x | x | x | x |
| 94 | Dark Chanting Goshawk | *Melierax metabates* |  | LC |  | x |  |  |  |  |
| 95 | Eastern Chanting Goshawk | *Melierax poliopterus* |  | LC |  | x |  |  |  |  |
| 96 | Gabar Goshawk | *Micronisus gabar* |  | LC |  | x | x | x |  |  |
| 97 | African Goshawk | *Accipiter tachira* |  | LC |  | x |  |  |  |  |
| 98 | Shikra | *Accipiter badius* |  | LC | f | x |  | x |  |  |
| 99 | Little Sparrowhawk | *Accipiter minullus* |  | LC | f | x |  |  | x | x |
| 100 | Eurasian Sparrowhawk | *Accipiter nisus* | PM | LC |  | x |  |  |  |  |
| 101 | Great Sparrowhawk | *Accipiter melanoleucus* |  | LC | F | x | x | x | x | x |
| 102 | Common Buzzard | *Buteo buteo* | PM | LC |  | x |  |  |  |  |
| 103 | Mountain Buzzard | *Buteo oreophilus* |  | LC | FF | x |  |  |  |  |
| 104 | Augur Buzzard | *Buteo augur* |  | LC |  | x | x | x | x | x |
| 105 | Lesser Spotted Eagle | *Aquila pomarina* | PM | LC |  | x |  |  |  |  |
| 106 | Tawny Eagle | *Aquila rapax* |  | LC |  | x |  | x |  |  |
| 107 | Verreaux's Eagle | *Aquila verreauxii* |  | LC |  | x |  |  |  |  |
| 108 | Wahlberg's Eagle | *Aquila wahlbergi* | am | LC |  | x |  |  |  |  |
| 109 | African Hawk Eagle | *Aquila spilogaster* |  | LC |  | x |  |  |  |  |
| 110 | Ayres's Hawk Eagle | *Aquila ayresii* |  | LC | F | x |  |  |  |  |
| 111 | Martial Eagle | *Polemaetus bellicosus* |  | NT |  | x | x | x |  |  |
| 112 | Long-crested Eagle | *Lophaetus occipitalis* |  | LC | f | x |  |  |  | x |
| 113 | Crowned Eagle | *Stephanoaetus coronatus* |  | NT | FF | x |  |  |  | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Otididae: Bustards** | |  |  |  |  |  |  |  |  |  |
| 114 | Denham's Bustard | *Neotis denhami* |  | NT |  | x |  |  | x |  |
| 115 | White-bellied Bustard | *Eupodotis senegalensis* |  | LC |  | x | x |  |  |  |
| 116 | Buff-crested Bustard | *Lophotis gindiana* |  | LC |  | x |  |  |  |  |
| 117 | Black-bellied Bustard | *Lissotis melanogaster* |  | LC |  | x | x |  | x |  |
| 118 | Hartlaub's Bustard | *Lissotis hartlaubii* |  | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Rallidae: Rails & Relatives** | |  |  |  |  |  |  |  |  |  |
| 119 | African Water Rail | *Rallus caerulescens* |  | LC |  | x |  |  |  |  |
| 120 | African Crake | *Crex egregia* | am | LC |  | x |  |  |  |  |
| 121 | Common Moorhen | *Gallinula chloropus* |  | LC |  | x |  | x |  |  |
| 122 | Lesser Moorhen | *Gallinula angulata* | AM | LC |  | x |  |  |  |  |
| 123 | Red-knobbed Coot | *Fulica cristata* | am | LC |  | x |  | x |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Gruidae: Cranes** | |  |  |  |  |  |  |  |  |  |
| 124 | Grey Crowned Crane | *Balearica regulorum* |  | Vu |  | x | x | x | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Turnicidae: Button-quails & Quail-plover** | | |  |  |  |  |  |  |  |  |
| 125 | Common Button-quail | *Tunix sylvatica* |  | LC |  | x |  | x |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Burhinidae: Thick-knees** | |  |  |  |  |  |  |  |  |  |
| 126 | Spotted Thick-knee | *Burhinus capensis* |  | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Recurvirostridae: Stilts & Avocets** | | |  |  |  |  |  |  |  |  |
| 127 | Black-winged Stilt | *Himantopus himantopus* | am, (pm) | LC |  | x |  |  |  |  |
| 128 | Pied Avocet | *Recurvirostra avosetta* | am | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Charadriidae: Plovers** | |  |  |  |  |  |  |  |  |  |
| 129 | Long-toed Plover | *Vanellus crassirostris* |  | LC |  | x |  |  |  |  |
| 130 | Blacksmith Plover | *Vanellus armatus* |  | LC |  | x | x | x | x |  |
| 131 | Black-headed Plover | *Vanellus tectus* |  | LC |  | x |  |  |  |  |
| 132 | Senegal Plover | *Vanellus lugubris* |  | LC |  | x |  |  |  |  |
| 133 | Black-winged Plover | *Vanellus melanopterus* |  | LC |  | x |  |  |  |  |
| 134 | Crowned Plover | *Vanellus coronatus* |  | LC |  | x | x | x | x/Br |  |
| 135 | Little Ringed Plover | *Charadrius dubius* | PM | LC |  | x |  |  |  |  |
| 136 | Kittlitz's Plover | *Charadrius pecuarius* | am | LC |  | x |  | x | x |  |
| 137 | Three-banded Plover | *Charadrius tricollaris* |  | LC |  | x | x | x | x | x |
| 138 | Kentish Plover | *Charadrius alexandrinus* | PM | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Jacanidae: Jacanas** | |  |  |  |  |  |  |  |  |  |
| 139 | African Jacana | *Actophilornis africanus* |  | LC |  |  |  | **** | x |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Scolopacidae: Sandpipers & Relatives** | | |  |  |  |  |  |  |  |  |
| 140 | African Snipe | *Gallinago nigripennis* | am | LC |  | x |  |  |  |  |
| 141 | Common Snipe | *Gallinago gallinago* | PM | LC |  | x |  |  |  |  |
| 142 | Black-tailed Godwit | *Limosa limosa* | PM | NT |  | x |  |  |  |  |
| 143 | Spotted Redshank | *Tringa erythropus* | PM | LC |  | x |  |  |  |  |
| 144 | Common Redshank | *Tringa totanus* | PM | LC |  | x |  |  |  |  |
| 145 | Marsh Sandpiper | *Tringa stagnatilis* | PM | LC |  | x |  |  |  |  |
| 146 | Common Greenshank | *Tringa nebularia* | PM | LC |  | x |  | x | x |  |
| 147 | Wood Sandpiper | *Tringa glareola* | PM | LC |  | x |  |  | x |  |
| 148 | Common Sandpiper | *Actitis hypoleucos* | PM | LC |  | x |  | x | x |  |
| 149 | Ruddy Turnstone | *Arenaria interpres* | PM | LC |  | x |  |  |  |  |
| 150 | Sanderling | *Calidris alba* | PM | LC |  | x |  |  |  |  |
| 151 | Little Stint | *Calidris minuta* | PM | LC |  | x |  | x |  |  |
| 152 | Temminck's Stint | *Calidris temminckii* | PM | LC |  | x |  |  |  |  |
| 153 | Curlew Sandpiper | *Calidris ferruginea* | PM | LC |  | x |  |  |  |  |
| 154 | Dunlin | *Calidris alpina* | PM | LC |  | x |  |  |  |  |
| 155 | Ruff | *Philomachus pugnax* | PM | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Glareolidae: Egyptian Plover, Coursers & Pratincoles** | | |  |  |  |  |  |  |  |  |
| 156 | Temminck's Courser | *Cursorius temminckii* |  | LC |  | x |  |  |  |  |
| 157 | Double-banded Courser | *Rhinoptilus africanus* |  | LC |  | x |  |  |  |  |
| 158 | Heuglin's Courser | *Rhinoptilus cinctus* |  | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Laridae: Gulls, Terns & Skimmers** | |  |  |  |  |  |  |  |  |  |
| 159 | Lesser Black-backed Gull | *Larus fuscus* | PM | LC |  | x |  |  |  |  |
| 160 | Grey-headed Gull | *Chroicocephaus cirrocephalus* |  | LC |  | x |  |  |  |  |
| 161 | Black-headed Gull | *Chroicocephalus ridibundus* | PM | LC |  | x |  |  |  |  |
| 162 | Gull-billed Tern | *Gelochelidon nilotica* | PM | LC |  | x |  |  |  |  |
| 163 | Whiskered Tern | *Chlidonias hybrida* | (pm) | LC |  | x |  |  |  |  |
| 164 | White-winged Black Tern | *Chlidonias leucopterus* | PM | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Pteroclidae: Sandgrouse** | |  |  |  |  |  |  |  |  |  |
| 165 | Lichtenstein's Sandgrouse | *Pterocles lichtensteinii* |  | LC |  | x |  |  |  |  |
| 166 | Four-banded Sandgrouse | *Pterocles quadricinctus* |  | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Columbidae: Pigeons & Doves** | |  |  |  |  |  |  |  |  |  |
| 166 | Feral Pigeon | *Columba livia* |  | LC |  | x |  |  |  |  |
| 167 | Speckled Pigeon | *Columba guinea* |  | LC |  | x |  | x | x |  |
| 168 | African Olive Pigeon | *Columba arquatrix* |  | LC |  | x |  |  |  |  |
| 169 | Eastern Bronze-naped Pigeon | *Columba delegorguei* |  | LC | FF | x |  | x |  | x |
| 170 | Dusky Turtle Dove | *Streptopelia lugens* |  | LC | f | x | x | x | x | x |
| 171 | African Mourning Dove | *Streptopelia decipiens* |  | LC |  | x | x |  | x |  |
| 172 | Red-eyed Dove | *Streptopelia semitorquata* |  | LC | f | x | x | x | x | x |
| 173 | Ring-necked Dove | *Streptopelia capicola* |  | LC | f | x | x | x | x | x |
| 174 | Laughing Dove | *Streptopelia senegalensis* |  | LC |  | x | x | x | x |  |
| 175 | Emerald-spotted Wood Dove | *Turtur chalcospilos* |  | LC | f | x | x | x | x | x |
| 176 | Tambourine Dove | *Turtur tympanistria* |  | LC | F | x |  | x | x/Br | x |
| 177 | Namaqua Dove | *Oena capensis* |  | LC |  | x | x | x |  | x |
| 178 | African Green Pigeon | *Treron calvus* |  | LC | F | x |  | x | x |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Psittacidae: Lovebirds & Parrots** | |  |  |  |  |  |  |  |  |  |
| 179 | Red-fronted Parrot | *Poicephalus gulielmi* |  | LC |  | x |  |  |  |  |
| 180 | Meyer's Parrot | *Poicephalus meyeri* |  | LC |  | x | x | x | x/Br | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Musophagidae: Turacos** | |  |  |  |  |  |  |  |  |  |
| 181 | Hartlaub's Turaco | *Tauraco hartlaubi* |  | LC | FF | x | x | x | x | x |
| 182 | White-bellied Go-away-bird | *Corythaixoides leucogaster* |  | LC |  | x | x |  | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Cuculidae: Cuckoos & Coucals** | |  |  |  |  |  |  |  |  |  |
| 183 | Jacobin Cuckoo | *Clamator jacobinus* | am,pm,om | LC |  | x |  |  |  |  |
| 184 | Levaillant's Cuckoo | *Clamator levaillantii* | am | LC | f | x |  |  |  |  |
| 185 | Great Spotted Cuckoo | *Clamator glandarius* | am, (pm) | LC |  | x |  |  |  |  |
| 186 | Red-chested Cuckoo | *Cuculus solitarius* | am | LC | F | x | x | x | x | x |
| 187 | Black Cuckoo | *Cuculus clamosus* | am | LC | FF | x | x | x | x | x |
| 188 | Common Cuckoo | *Cuculus canorus* | PM | LC |  |  |  |  | **** |  |
| 189 | African Cuckoo | *Cuculus gularis* | AM | LC |  | x |  | x |  |  |
| 190 | Barred Long-tailed Cuckoo | *Cercococcyx montanus* |  | LC | FF | x |  |  |  |  |
| 191 | Klaas's Cuckoo | *Chrysococcyx klaas* |  | LC | f | x |  | x |  | x |
| 192 | African Emerald Cuckoo | *Chrysococcyx cupreus* |  | LC | F | x |  |  | x |  |
| 193 | Diederik Cuckoo | *Chrysococcyx caprius* | am | LC |  | x | x | x |  |  |
| 194 | White-browed Coucal | *Centropus superciliosus* |  | LC |  | x | x | x | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Tytonidae: Barn Owls** | |  |  |  |  |  |  |  |  |  |
| 195 | Barn Owl | *Tyto alba* |  | LC |  | x |  |  | x/Br |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Strigidae: Typical Owls** | |  |  |  |  |  |  |  |  |  |
| 196 | African Scops Owl | *Otus senegalensis* |  | LC |  | x |  |  |  |  |
| 197 | Northern White-faced Scops Owl | *Ptilopsis leucotis* |  | LC |  | x |  |  |  |  |
| 198 | Verreaux's Eagle-Owl | *Bubo lacteus* |  | LC |  | x | x | x | x | x |
| 199 | Pearl-spotted Owlet | *Glaucidium perlatum* |  | LC |  | x |  | x |  |  |
| 200 | Marsh Owl | *Asio capensis* |  | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Caprimulgidae: Nightjars** | |  |  |  |  |  |  |  |  |  |
| 201 | Eurasian Nightjar | *Caprimulgus europaeus* | PM | LC |  | x |  |  |  |  |
| 202 | Dusky Nightjar | *Caprimulgus fraenatus* |  | LC |  | x |  | x |  |  |
| 203 | Donaldson Smith's Nightjar | *Caprimulgus donaldsoni* |  | LC |  | x |  |  |  |  |
| 204 | Montane Nightjar | *Caprimulgus poliocephalus* |  | LC | F | x |  |  |  | x |
| 205 | Star-spotted Nightjar | *Caprimulgus stellatus* |  | LC |  | x |  | x |  |  |
| 206 | Long-tailed Nightjar | *Caprimulgus climacurus* | am | LC |  | x |  |  |  |  |
| 207 | Pennant-winged Nightjar | *Macrodipteryx vexillarius* | AM | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Apodidae: Swifts** | |  |  |  |  |  |  |  |  |  |
| 208 | Scarce Swift | *Schoutedenapus myoptilus* |  | LC |  |  |  |  |  | x |
| 209 | African Palm Swift | *Cypsiurus parvus* |  | LC |  | x |  | x |  |  |
| 210 | Alpine Swift | *Tachymarptis melba* |  | LC |  | x |  |  |  |  |
| 211 | Mottled Swift | *Apus aequatorialis* |  | LC |  | x | x | x |  | x |
| 212 | Common Swift | *Apus apus* | PM | LC |  | x |  |  |  |  |
| 213 | Nyanza Swift | *Apus niansae* |  | LC |  | x |  |  |  |  |
| 214 | African Black Swift | *Apus barbatus* |  | LC |  | x |  | x |  |  |
| 215 | Little Swift | *Apus affinis* |  | LC |  | x |  | x |  |  |
| 216 | Horus Swift | *Apus horus* |  | LC |  | x |  |  |  |  |
| 217 | White-rumped Swift | *Apus caffer* |  | LC |  | x | x | x |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Coliidae: Mousebirds** | |  |  |  |  |  |  |  |  |  |
| 218 | Speckled Mousebird | *Colius striatus* |  | LC |  | x | x | x | x | x |
| 219 | Blue-naped Mousebird | *Urocolius macrourus* |  | LC |  | x | x | x | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Trogonidae: Trogons** | |  |  |  |  |  |  |  |  |  |
| 220 | Narina Trogon | *Apaloderma narina* |  | LC | F | x | x |  | x |  |
| 221 | Bar-tailed Trogon | *Apaloderma vittatum* |  | LC | FF | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Coraciidae: Rollers** | |  |  |  |  |  |  |  |  |  |
| 222 | Rufous-crowned Roller | *Coracias naevius* | am | LC |  | x |  |  |  |  |
| 223 | Lilac-breasted Roller | *Coracias caudata* | am | LC |  | x | x |  | x |  |
| 224 | Abyssinian Roller | *Coracias abyssinicus* |  | LC |  | x |  |  |  |  |
| 225 | Eurasian Roller | *Coracias garrulus* | PM | NT |  | x |  |  |  |  |
| 226 | Broad-billed Roller | *Eurystomus glaucurus* | am, mm | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Alcedinidae: Kingfishers** | |  |  |  |  |  |  |  |  |  |
| 227 | Grey-headed Kingfisher | *Halcyon leucocephala* | am | LC | f | x |  |  |  |  |
| 228 | Brown-hooded Kingfisher | *Halcyon albiventris* |  | LC |  | x |  |  |  |  |
| 229 | Striped Kingfisher | *Halcyon chelicuti* |  | LC |  | x | x |  |  |  |
| 230 | African Pygmy Kingfisher | *Ceyx pictus* |  | LC | f | x |  | x |  |  |
| 231 | Malachite Kingfisher | *Alcedo cristata* |  | LC |  | x | x | x |  | x |
| 232 | Semi-collared Kingfisher | *Alcedo semitorquata* |  | LC | F | x |  |  |  |  |
| 233 | Giant Kingfisher | *Ceryle maxima* |  | LC |  | x | x | x |  |  |
| 234 | Pied Kingfisher | *Ceryle rudis* |  | LC |  | x | x | x | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Meropidae: Bee-eaters** | |  |  |  |  |  |  |  |  |  |
| 235 | Little Bee-eater | *Merops pusillus* |  | LC |  | x | x | x | x | x |
| 236 | Cinnamon-chested Bee-eater | *Merops oreobates* |  | LC | F | x | x | x | x | x |
| 237 | White-throated Bee-eater | *Merops bullockoides* |  | LC | f | x |  | x |  | x |
| 238 | Madagascar Bee-eater | *Merops superciliosus* | am, mm | LC |  | x |  |  |  |  |
| 239 | Eurasian Bee-eater | *Merops apiaster* | PM | LC | F | x |  |  | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Upupidae: Hoopoe** | |  |  |  |  |  |  |  |  |  |
| 240 | Hoopoe | *Upupa epops* | am, pm | LC |  | x |  | x | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Phoeniculidae: Wood-hoopes** | |  |  |  |  |  |  |  |  |  |
| 240 | White-headed Wood-hoopoe | *Pheoniculus bollei* |  | LC | FF | x |  |  |  |  |
| 241 | Green Wood-hoopoe | *Pheoniculus purpureus* |  | LC |  | x | x | x | x | x |
| 242 | Violet Wood-hoopoe | *Phoeniculus damarensis* |  | LC |  | x |  |  |  |  |
| 243 | Common Scimitarbill | *Rhinopomastus cyanomelas* |  | LC |  | x | x |  |  | x |
| 244 | Abyssinian Scimitarbill | *Rhinopomastus minor* |  | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Bucerotidae: Hornbills** | |  |  |  |  |  |  |  |  |  |
| 245 | Crowned Hornbill | *Tockus alboterminatus* |  | LC | f | x | x |  | x | x |
| 246 | Hemprich's Hornbill | *Tockus hemprichii* |  | LC |  | x | x | x |  |  |
| 247 | Von der Decken's Hornbill | *Tockus deckeni* |  | LC |  | x |  |  |  |  |
| 248 | Silvery-cheeked Hornbill | *Bycanistes brevis* | am | LC | F | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Capitonidae: Barbets & Tinkerbirds** | | |  |  |  |  |  |  |  |  |
| 249 | Moustached Tinkerbird | *Pogoniulus leucomystax* |  | LC |  |  |  |  |  | x |
| 250 | Yellow-rumped Tinkerbird | *Pogoniulus bilineatus* |  | LC | F | x | x | x | x | x |
| 251 | Red-fronted Tinkerbird | *Pogoniulus pusillus* |  | LC |  | x | x |  |  |  |
| 252 | Red-fronted Barbet | *Tricholaema diademata* |  | LC |  | x |  | x | x |  |
| 253 | Spot-flanked Barbet | *Tricholaema lacrymosa* |  | LC |  | x | x | x | x | x |
| 254 | D'Arnaud's Barbet | *Trachyphonus darnaudii* |  | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Indicatoridae: Honeyguides** | |  |  |  |  |  |  |  |  |  |
| 255 | Green-backed Honeybird | *Prodotiscus zambesiae* |  | LC | f |  |  |  |  |  |
| 256 | Wahlberg's Honeybird | *Prodotiscus regulus* |  | LC | f | x |  | x |  |  |
| 257 | Pallid Honeyguide | *Indicator meliphilus* |  | LC | f | x |  |  |  |  |
| 258 | Lesser Honeyguide | *Indicator minor* |  | LC | f | x | x | x | x | x |
| 259 | Scaly-throated Honeyguide | *Indicator variegatus* |  | LC | f | x | x | x | x | x |
| 260 | Greater Honeyguide | *Indicator indicator* |  | LC | f | x | x |  |  | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Picidae: Wrynecks & Woodpeckers** | | |  |  |  |  |  |  |  |  |
| 261 | Red-throated Wryneck | *Jynx ruficollis* |  | LC | f | x | x |  | x | x |
| 262 | Nubian Woodpecker | *Campethera nubica* |  | LC |  | x | x | x | x | x |
| 263 | Fine-banded Woodpecker | *Campethera tullbergi* |  | LC | FF | x | x |  |  |  |
| 264 | Cardinal Woodpecker | *Dendropicos fuscescens* |  | LC | f | x |  | x |  | x |
| 265 | Bearded Woodpecker | *Dendropicos namaquus* |  | LC | f | x | x |  |  | x |
| 266 | African Grey Woodpecker | *Dendropicos goertae* |  | LC | f | x | x | x |  | x |
| 267 | Brown-backed Woodpecker | *Picoides obsoletus* |  | LC |  | x |  |  | x |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Platysteridae: Batises, Wattle-eyes & Relatives** | | |  |  |  |  |  |  |  |  |
| 268 | Chin-spot Batis | *Batis molitor* |  | LC |  | x | x | x | x | x |
| 269 | Pygmy Batis | *Batis perkeo* |  | LC |  |  |  |  |  | x |
| 270 | Brown-throated Wattle-eye | *Platysteira cyanea* |  | LC |  | x |  |  |  |  |
| 271 | Black-throated Wattle-eye | *Platysteira peltata* |  | LC | F | x |  |  |  | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Malaconotidae: Helmetshrikes, Bushshrikes, Tchagras & Puffbacks** | | | |  |  |  |  |  |  |  |
| 272 | White-crested Helmetshrike | *Prionops plumatus* | am | LC |  | x |  |  |  |  |
| 273 | Grey-headed Bushshrike | *Malaconotus blanchoti* |  | LC |  | x | x | x |  |  |
| 274 | Sulphur-breasted Bushshrike | *Malaconotus sulfureopectus* |  | LC | f | x | x | x | x | x |
| 275 | Brown-crowned Tchagra | *Tchagra australis* |  | LC |  | x | x | x | x | x |
| 276 | Black-crowned Tchagra | *Tchagra senegala* |  | LC |  | x | x |  |  | x |
| 277 | Black-backed Puffback | *Dryoscopus cubla* |  | LC |  |  |  |  |  | x |
| 278 | Northern Puffback | *Dryoscopus gambensis* |  | LC | F | x | x | x | x | x |
| 279 | Slate-coloured Boubou | *Laniarius funebris* |  | LC |  | x | x | x | x | x |
| 280 | Tropical Boubou | *Laniarius aethiopicus* |  | LC | f | x | x | x | x | x |
| 281 | Brubru | *Nilaus afer* |  | LC |  | x | x | x | x |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Campephagidae: Cuckooshrikes** | |  |  |  |  |  |  |  |  |  |
| 282 | Grey Cuckooshrike | *Coracina caesia* |  | LC | FF | x | x | x | x |  |
| 283 | Black Cuckooshrike | *Campephaga flava* |  | LC | f | x | x | x | x | x |
|  | \*Purple-throated Cuckooshrike | *Campephaga quiscalina* |  |  | FF | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Laniidae: Shrikes** | |  |  |  |  |  |  |  |  |  |
| 284 | Magpie Shrike | *Urolestes melanoleucus* |  | LC |  | x |  |  |  |  |
| 285 | Northern White-crowned Shrike | *Eurocephalus rueppelli* |  | LC |  | x | x | x | x | x |
| 286 | Isabelline Shrike | *Lanius isabellinus* | PM | LC |  | x |  |  |  |  |
| 287 | Grey-backed Fiscal | *Lanius excubitoroides* |  | LC |  | x | x |  | x |  |
| 288 | Long-tailed Fiscal Shrike | *Lanius cabanisi* |  | LC |  | x |  | x |  | x |
| 289 | Common Fiscal | *Lanius collaris* |  | LC |  | x | x | x | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Oriolidae: Orioles** | |  |  |  |  |  |  |  |  |  |
| 290 | Eurasian Golden Oriole | *Oriolus oriolus* | PM | LC | f | x |  |  |  |  |
| 291 | African Golden Oriole | *Oriolus auratus* | AM | LC | f | x |  |  |  |  |
| 292 | Montane Oriole | *Oriolus percivali* |  | LC | FF | x |  |  |  |  |
| 293 | Black-headed Oriole | *Oriolus larvatus* |  | LC | f | x | x | x | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Dicruridae: Drongos** | |  |  |  |  |  |  |  |  |  |
|  | \*Square-tailed Drongo | *Dicrurus ludwigii* |  |  | F | x |  |  |  |  |
| 294 | Common Drongo | *Dicrurus adsimilis* |  | LC |  | x | x | x | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Monarchidae: Monarch Flycatchers** | | |  |  |  |  |  |  |  |  |
| 295 | African Paradise Flycatcher | *Terpsiphone viridis* |  | LC | f | x | x | x | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Corvidae: Crows & Allies** | |  |  |  |  |  |  |  |  |  |
| 296 | Pied Crow | *Corvus albus* |  | LC |  | x | x | x |  | x |
| 297 | Fan-tailed Raven | *Corvus rhipidurus* |  | LC |  | x |  | x | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Paridae: Tits** | |  |  |  |  |  |  |  |  |  |
| 298 | White-bellied Tit | *Parus albiventris* |  | LC | f | x | x | x | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Hirundinidae: Saw-wings, Swallows & Martins** | | |  |  |  |  |  |  |  |  |
| 299 | White-headed Saw-wing | *Psalidoprocne albiceps* |  | LC |  |  |  |  |  | x |
| 300 | Black Saw-wing | *Psalidoprocne pristoptera* |  | LC | f | x | x | x | x | x |
| 301 | Plain Martin | *Riparia paludicola* | am | LC |  | x | x |  | x |  |
| 302 | Sand Martin | *Riparia riparia* | PM | LC |  | x |  |  |  |  |
| 303 | Banded Martin | *Riparia cincta* | am | LC |  | x |  |  |  |  |
| 304 | Barn Swallow | *Hirundo rustica* | PM | LC |  | x |  | x | x |  |
| 305 | Angola Swallow | *Hirundo angolensis* |  | LC |  | x |  |  |  |  |
| 306 | Ethiopian Swallow | *Hirundo aethiopica* |  | LC |  | x |  |  | x |  |
| 307 | Wire-tailed Swallow | *Hirundo smithii* |  | LC |  | x | x | x |  | x |
| 308 | Rock Martin | *Ptyonoprogne fuligula* |  | LC |  | x |  | x | x | x |
| 309 | Common House Martin | *Delichon urbicum* | PM | LC |  | x |  |  |  |  |
| 310 | Lesser Striped Swallow | *Cecropis abyssinica* |  | LC |  | x |  | x |  |  |
| 311 | Mosque Swallow | *Cecropis senegalensis* |  | LC |  | x |  |  | x | x |
| 312 | Red-rumped Swallow | *Cecropis daurica* |  | LC |  | x | x | x |  | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Alaudidae: Larks** | |  |  |  |  |  |  |  |  |  |
| 313 | Singing Bush Lark | *Mirafra cantillans* |  | LC |  | x |  |  |  |  |
| 314 | Rufous-naped Lark | *Mirafra africana* |  | LC |  | x |  | x |  | x |
| 315 | Red-winged Lark | *Mirafra hypermetra* |  | LC |  | x |  |  |  |  |
| 316 | Flappet Lark | *Mirafra rufocinnamomea* |  | LC |  |  |  |  |  |  |
| 317 | Fawn-coloured Lark | *Mirafra africanoides* |  | LC |  | x | x | x | x |  |
| 318 | Red-capped Lark | *Calandrella cinerea* |  | LC |  | x |  |  | x |  |
| 319 | Fischer's Sparrow Lark | *Eremopterix leucopareia* |  | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Cisticolidae: Cisticolas & Allies** | |  |  |  |  |  |  |  |  |  |
| 320 | Rattling Cisticola | *Cisticola chiniana* |  | LC |  | x | x | x | x | x |
| 321 | Boran Cisticola | *Cisticola bodessa* |  | LC |  | x |  |  |  | x |
| 322 | Siffling Cisticola | *Cisticola brachypterus* |  | LC |  | x |  |  |  |  |
| 323 | Zitting Cisticola | *Cisticola juncidis* |  | LC |  | x |  |  |  |  |
| 324 | Desert Cisticola | *Cisticola aridulus* |  | LC |  |  |  |  |  |  |
| 325 | Pectoral-patch Cisticola | *Cisticola brunnescens* |  | LC |  | x |  |  |  |  |
| 326 | Tawny-flanked Prinia | *Prinia subflava* |  | LC | f | x | x | x | x | x |
| 327 | Yellow-breasted Apalis | *Apalis flavida* |  | LC | f | x | x | x | x | x |
| 328 | Grey Apalis | *Apalis cinerea* |  | LC |  |  |  |  |  | x |
| 329 | Grey-capped Warbler | *Eminia lepida* |  | LC | f | x |  |  |  | x |
| 330 | Grey-backed Camaroptera | *Camaroptera brachyura* |  | LC | f | x | x | x | x | x |
| 331 | Grey Wren Warbler | *Calamonastes simplex* |  | LC |  |  |  |  |  | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Pycnonotidae: Bulbuls** | |  |  |  |  |  |  |  |  |  |
| 332 | Common Bulbul | *Pycnonotus barbatus* |  | LC |  | x | x | x | x | x |
| 333 | Yellow-whiskered Greenbul | *Andropadus latirostris* |  | LC | F | x |  | x | x | x |
| 334 | Cabanis's Greenbul | *Phyllastrephus cabanisi* |  | LC | FF |  |  | x | x |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Sylviidae: Old World Warblers** | |  |  |  |  |  |  |  |  |  |
| 335 | Great Reed Warbler | *Acrocephalus arundinaceus* | PM | EN |  | x |  |  |  |  |
| 336 | Sedge Warbler | *Acrocephalus schoenobaenus* | PM | LC |  | x |  |  |  |  |
| 337 | African Reed Warbler | *Acrocephalus baeticatus* | am | LC |  | x |  |  |  |  |
| 338 | Marsh Warbler | *Acrocephalus palustris* | PM | LC |  | x |  |  | x |  |
| 339 | Eastern Olivaceous Warbler | *Hippolais pallida* | PM | LC |  | x |  |  |  |  |
| 340 | Willow Warbler | *Phylloscopus trochilus* | PM | LC | f | x |  |  | x |  |
| 341 | Brown Woodland Warbler | *Phylloscopus umbrovirens* |  | LC | F | x |  |  |  | x |
| 342 | Common Chiffchaff | *Phylloscopus collybita* | PM | LC | F | x |  |  |  |  |
| 343 | Yellow-bellied Eremomela | *Eremomela icteropygialis* |  | LC |  | x |  |  |  |  |
| 344 | Northern Crombec | *Sylvietta brachyura* |  | LC |  | x |  |  |  |  |
| 345 | Red-faced Crombec | *Sylvietta whytii* |  | LC |  | x | x | x | x | x |
| 346 | Blackcap | *Sylvia atricapilla* | PM | LC | F | x |  |  |  |  |
| 347 | Garden Warbler | *Sylvia borin* | PM | LC | f | x |  |  |  |  |
| 348 | Common Whitethroat | *Sylvia communis* | PM | LC |  | x |  |  |  |  |
| 349 | Brown Parisoma | *Parisoma lugens* |  | LC |  | x | x |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Timaliidae: Babblers, Chatterers & Illadopses** | | |  |  |  |  |  |  |  |  |
| 350 | Rufous Chatterer | *Turdoides rubiginosa* |  | LC |  | x | x | x | x | x |
| 351 | Black-lored Babbler | *Turdoides sharpei* |  | LC |  | x |  | x | x | x |
| 352 | Brown Babbler | *Turdoides plebejus* |  | LC |  | x | x | x | x | x |
| 353 | Arrow-marked Babbler | *Turdoides jardineii* |  | LC |  |  |  | x | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Zosteropidae: White-eyes** | |  |  |  |  |  |  |  |  |  |
| 354 | Abyssinian White-eye | *Zosterops abyssinicus* |  | LC | f | x | x | x |  |  |
| 355 | African Yellow White-eye | *Zosterops senegalensis* |  | LC | f | x |  | x | x | x |
| 356 | Montane White-eye | *Zosterops poliogastrus* |  | LC | F | x | x | x |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Certhiidae: Creepers** | |  |  |  |  |  |  |  |  |  |
|  | \*Spotted Creeper | *Salpornis spilonotus* |  | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Sturnidae: Starlings & Oxpeckers** | |  |  |  |  |  |  |  |  |  |
| 357 | Wattled Starling | *Creatophora cinerea* | am | LC |  | x | x | x | x | x |
| 358 | Greater Blue-eared Starling | *Lamprotornis chalybaeus* |  | LC |  | x | x | x | x | x |
| 359 | Lesser Blue-eared Starling | *Lamprotornis chloropterus* |  | LC |  | x |  |  |  |  |
| 360 | Rüppell's Starling | *Lamprotornis purpuroptera* |  | LC |  | x | x | x | x |  |
| 361 | Golden-breasted Starling | *Lamprotornis regius* |  | LC |  | x |  |  |  |  |
| 362 | Superb Starling | *Lamprotornis superbus* |  | LC |  | x | x | x | x | x |
| 363 | Hildebrandt's Starling | *Lamprotornis hildebrandti* |  | LC |  | x | x |  | x | x |
| 364 | Violet-backed Starling | *Cinnyricinclus leucogaster* | AM | LC | f | x | x | x | x | x |
| 365 | Magpie Starling | *Speculipastor bicolor* |  | LC |  | x |  |  |  |  |
| 366 | Red-winged Starling | *Onychognathus morio* |  | LC | f | x | x |  | x |  |
| 367 | Red-billed Oxpecker | *Buphagus erythrorhynchus* |  | LC |  |  |  |  |  | x |
| 368 | Yellow-billed Oxpecker | *Buphagus africanus* |  | LC |  | x | x | x | x/Br | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Turdidae: Thrushes** | | |  |  |  |  |  |  |  |  |
| 369 | African Thrush | *Turdus pelios* |  | LC | f | x | x | x | x/Br | x/Br |
| 370 | Olive Thrush | *Turdus olivaceus* |  | LC | F | x | x | x | x | x/Br |
|  |  |  |  |  |  |  |  |  |  |  |
| **Muscicapidae: Chats, Wheatears & Old World Flycatchers** | | |  |  |  |  |  |  |  |  |
| 371 | Common Nightingale | *Luscinia megarhynchos* | PM | LC |  |  |  |  |  |  |
| 372 | Cape Robin Chat | *Cossypha caffra* |  | LC | f | x | x |  | x | x |
| 373 | Rüppell's Robin Chat | *Cossypha semirufa* |  | LC | F | x | x | x | x |  |
| 374 | Spotted Palm Thrush | *Cichladusa guttata* |  | LC |  | x |  |  |  |  |
| 375 | White-browed Scrub Robin | *Cossypha heuglini* |  | LC |  | x | x |  |  | x |
| 376 | Common Redstart | *Phoenicurus pheonicurus* | PM | LC |  | x |  |  |  |  |
| 377 | Whinchat | *Saxicola rubetra* | PM | LC |  | x |  |  |  |  |
| 378 | Common Stonechat | *Saxicola torquatus* |  | LC |  | x |  |  | x |  |
| 379 | Capped Wheatear | *Oenanthe pileata* |  | LC |  | x |  |  | x |  |
| 380 | Heuglin's Wheatear | *Oenanthe heuglini* |  | LC |  | x |  |  |  |  |
| 381 | Isabelline Wheatear | *Oenanthe isabellina* | PM | LC |  | x |  |  |  |  |
| 382 | Northern Wheatear | *Oenanthe oenanthe* | PM | LC |  | x |  |  |  |  |
| 383 | Pied Wheatear | *Oenanthe pleschanka* | PM | LC |  | x |  |  |  |  |
| 384 | Black-eared Wheatear | *Oenanthe hispanica* | PM | LC |  | x |  |  |  |  |
| 385 | Northern Anteater Chat | *Myrmecocichla aethiops* |  | LC |  | x | x | x | x | x |
| 386 | Common Rock Thrush | *Monticola saxatilis* | PM | LC |  | x |  |  | x |  |
| 387 | Little Rock Thrush | *Monticola rufocinereus* |  | LC |  |  |  |  |  |  |
| 388 | White-eyed Slaty Flycatcher | *Melaenornis fischeri* |  | LC | F | x | x | x | x/Br | x |
| 389 | Southern Black Flycatcher | *Melaenornis pammelaina* |  | LC |  | x | x | x | x | x |
| 390 | Pale Flycatcher | *Bradornis pallidus* |  | LC |  | x | x |  |  |  |
| 391 | African Grey Flycatcher | *Bradornis microrhynchus* |  | LC |  | x | x | x | x | x |
| 392 | Silverbird | *Empidornis semipartitus* |  | LC |  | x |  | x |  |  |
| 393 | Spotted Flycatcher | *Muscicapa striata* | PM | LC |  | x |  | x |  |  |
| 394 | African Dusky Flycatcher | *Muscicapa adusta* |  | LC | F | x | x | x | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Nectariniidae: Sunbirds** | |  |  |  |  |  |  |  |  |  |
| 395 | Eastern Violet-backed Sunbird | *Anthreptes orientalis* |  | LC |  | x |  |  |  |  |
| 396 | Collared Sunbird | *Hedydipna collaris* |  | LC | F | x |  |  | x | x |
| 397 | Green-headed Sunbird | *Cyanomitra verticalis* |  | LC | F | x |  | x |  |  |
| 398 | Amethyst Sunbird | *Chalcomitra amethystina* |  | LC | f | x | x | x | x | x |
| 399 | Scarlet-chested Sunbird | *Chalcomitra senegalensis* |  | LC |  | x | x | x | x | x |
| 400 | Hunter's Sunbird | *Chalcomitra hunteri* |  | LC |  | x |  |  |  |  |
| 401 | Bronze Sunbird | *Nectarinia kilimensis* |  | LC | f | x | x |  | x | x |
| 402 | Malachite Sunbird | *Nectarinia famosa* |  | LC | F | x |  |  |  |  |
| 403 | Golden-winged Sunbird | *Drepanorhynchus reichenowi* |  | LC | f | x |  |  |  |  |
| 404 | Beautiful Sunbird | *Cinnyris pulchellus* |  | LC |  | x |  | x |  |  |
| 405 | Marico Sunbird | *Cinnyris mariquensis* |  | LC |  | x | x | x | x | x |
| 406 | Purple-banded Sunbird | *Cinnyris bifasciatus* |  | LC | f | x |  | x |  |  |
| 407 | Variable Sunbird | *Cinnyris venustus* |  | LC | f | x | x | x | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Passeridae: Sparrows Weavers, Old Worl Sparrows & Petronias** | | | |  |  |  |  |  |  |  |
| 408 | White-browed Sparrow Weaver | *Plocepasser mahali* |  | LC |  | x |  | x | x | x |
| 409 | House Sparrow | *Passer domesticus* |  | LC |  | x |  |  |  |  |
| 410 | Kenya Rufous Sparrow | *Passer rufocinctus* |  | LC |  | x | x | x | x | x |
| 411 | Grey-headed Sparrow | *Passer griseus* |  | LC |  | x | x | x |  | x |
| 412 | Chestnut Sparrow | *Passer eminibey* |  | LC |  | x |  | x |  |  |
| 413 | Yellow-spotted Petronia | *Petronia pyrgita* |  | LC |  | x | x | x | x | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Ploceidae: Weavers, Bishops & Widowbirds** | | |  |  |  |  |  |  |  |  |
| 414 | Red-billed Buffalo-Weaver | *Bubalornis niger* |  | LC |  |  |  |  |  |  |
| 415 | Grosbeak Weaver | *Amblyospiza albifrons* |  | LC | f | x |  | x |  |  |
| 416 | Baglafecht Weaver | *Ploceus baglafecht* |  | LC | f | x | x | x | x | x |
| 417 | Spectacled Weaver | *Ploceus ocularis* |  | LC | f | x |  |  |  |  |
| 418 | Vitelline Masked Weaver | *Ploceus vitellinus* |  | LC |  | x |  |  |  | x |
| 419 | Speke's Weaver | *Ploceus spekei* |  | LC |  | x | x | x | x | x |
| 420 | Chestnut Weaver | *Ploceus rubiginosus* | am | LC |  | x |  |  |  |  |
| 421 | Red-headed Weaver | *Anaplectes melanotis* |  | LC |  | x | x |  | x | x |
| 422 | Cardinal Quelea | *Quelea cardinalis* |  | LC |  | x |  |  |  |  |
| 423 | Red-billed Quelea | *Quelea quelea* | am | LC |  | x | x | x |  |  |
| 424 | Yellow Bishop | *Euplectes capensis* |  | LC |  | x | x |  | x | x |
| 425 | Red-collared Widowbird | *Euplectes ardens* |  | LC |  | x |  |  |  |  |
| 426 | Long-tailed Widowbird | *Euplectes progne* |  | LC |  | x |  |  |  |  |
| 427 | Jackson's Widowbird | *Euplectes jacksoni* |  | NT |  | x |  |  |  | x |
|  |  |  |  |  |  |  |  |  |  |  |
| **Estrildidae: Waxbills** | |  |  |  |  |  |  |  |  |  |
| 428 | Yellow-bellied Waxbill | *Coccopygia quartinia* |  | LC | f | x |  |  | x | x |
| 429 | Green-backed Twinspot | *Mandingoa nitidula* |  | LC | FF | x |  |  |  |  |
| 430 | Crimson-rumped Waxbill | *Estrilda rhodopyga* |  | LC |  | x | x |  |  | x |
| 431 | Black-rumped Waxbill | *Estrilda troglodytes* |  | LC |  | x |  |  |  |  |
| 432 | Common Waxbill | *Estrilda astrild* |  | LC |  | x | x | x | x | x |
| 433 | Black-crowned Waxbill | *Estrilda nonnula* |  | LC | f | x |  |  |  |  |
| 434 | Black-faced Waxbill | *Estrilda erythronotus* |  | LC |  | x |  |  |  |  |
| 435 | Black-cheeked Waxbill | *Estrilda charmosyna* |  | LC |  | x |  | x | x |  |
| 436 | Red-cheeked Cordon-bleu | *Uraeginthus bengalus* |  | LC |  | x | x | x | x | x |
| 437 | Purple Grenadier | *Uraeginthus ianthinogaster* |  | LC |  | x | x | x |  | x |
| 438 | Green-winged Pytilia | *Pytilia melba* |  | LC |  | x |  |  |  |  |
| 439 | Red-billed Firefinch | *Lagonosticta senegala* |  | LC |  | x | x | x |  | x |
| 440 | African Firefinch | *Lagonosticta rubricata* |  | LC |  | x |  |  |  |  |
| 441 | Cut-throat Finch | *Amadina fasciata* |  | LC |  | x |  |  |  |  |
| 442 | African Quailfinch | *Ortygospiza fuscocrissa* |  | LC |  | x |  |  |  |  |
| 443 | Grey-headed Silverbill | *Odontospiza griseicapilla* |  | LC |  | x |  |  |  |  |
| 444 | Bronze Mannikin | *Spermestes cucculatus* |  | LC |  | x | x |  | x | x |
| 445 | Black-and-white Mannikin | *Spermestes bicolor* |  | LC | f | x | x | x | x | x |
| 446 | African Silverbill | *Euodice cantans* |  | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Viduidae: Parasitic Weaver, Indigobirds & Whydahs** | | |  |  |  |  |  |  |  |  |
| 447 | Pin-tailed Whydah | *Vidua macroura* |  | LC |  | x | x | x | x | x |
| 448 | Eastern Paradise Whydah | *Vidua paradisaea* |  | LC |  | x |  |  |  |  |
| 449 | Steel-blue Whydah | *Vidua hypocherina* |  | LC |  | x |  |  |  |  |
| 450 | Straw-tailed Whydah | *Vidua fischeri* |  | LC |  | x |  |  |  |  |
| 451 | Village Indigobird | *Vidua chalybeata* |  | LC |  | x | x |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Motacillidae: Wagtails, Longclaws & Pipits** | | |  |  |  |  |  |  |  |  |
| 452 | Yellow Wagtail | *Motacilla flava* | PM |  |  | x |  |  | x |  |
| 453 | Cape Wagtail | *Motacilla capensis* |  | LC |  | x |  |  | x | x |
| 454 | Grey Wagtail | *Motacilla cinerea* | PM | LC | F | x |  |  |  |  |
| 455 | Mountain Wagtail | *Motacilla clara* |  | LC | F | x |  |  | x | x |
| 456 | White Wagtail | *Motacilla alba* |  | LC |  | x |  |  |  |  |
| 457 | African Pied Wagtail | *Motacilla aguimp* |  | LC |  | x | x | x | x | x |
| 458 | Golden Pipit | *Tmetothylacus tenellus* | AM | LC |  | x |  |  |  |  |
| 459 | Yellow-throated Longclaw | *Macronyx croceus* |  | LC |  | x | x |  | x | x |
| 460 | Grassland Pipit | *Anthus cinnamomeus* |  | LC |  | x | x |  | x | x |
| 461 | Tawny Pipit | *Anthus campestris* | PM | LC |  | x | x | x |  |  |
| 462 | Long-billed Pipit | *Anthus similis* |  | LC |  | x |  |  |  |  |
| 463 | Plain-backed Pipit | *Anthus leucophrys* |  | LC |  | x |  | x | x | x |
| 464 | Tree Pipit | *Anthus trivialis* | PM | LC | f | x |  |  |  |  |
| 465 | Red-throated Pipit | *Anthus cervinus* | PM | LC |  | x |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Fringillidae: Canaries, Seedeaters & Relatives** | | |  |  |  |  |  |  |  |  |
| 466 | African Citril | *Crithagra citrinelloides* |  | LC |  | x |  |  |  |  |
| 467 | Reichenow's Seedeater | *Crithagra reichenowi* |  | LC | f | x | x | x |  | x |
| 468 | Yellow-fronted Canary | *Crithagra mozambica* |  | LC |  | x |  |  |  | x |
| 469 | Northern Grosbeak Canary | *Crithagra donaldsoni* |  | LC |  |  |  | x |  |  |
| 470 | White-bellied Canary | *Crithagra dorsostriata* |  | LC |  | x |  |  |  |  |
| 471 | Brimstone Canary | *Crithagra sulphurata* |  | LC |  | x | x | x | x | x |
| 472 | Stripe-breasted Seedeater | *Crithagra reichardi* |  | LC |  | x | x | x |  | x |
| 473 | Streaky Seedeater | *Crithagra striolata* |  | LC | f | x | x |  |  |  |
| 474 | Thick-billed Seedeater | *Crithagra burtoni* |  | LC | FF | x | x | x |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Emberizidae: Old World Buntings** | | |  |  |  |  |  |  |  |  |
| 475 | Cinnamon-breasted Bunting | *Emberiza tahapisi* |  | LC |  | x | x | x |  | x |
| 476 | Golden-breasted Bunting | *Emberiza flaviventris* |  | LC |  | x | x | x | x |  |
| 477 | Somali Bunting | *Emberiza poliopleura* |  | LC |  | x |  |  |  | x |
|  |  | **Total Species Recorded in each Visit** | | | | **462** | **174** | **198** | **162** | **169** |
|  |  | **Total List for LNC** | **477** |  |  |  |  |  |  |  |
|  |  |  | New Records | |  |  | 8 | 1 | 2 | 7 |

**KEY:**

***Conservation Status;*** EN: Endangered, VU: Vulnerable, NT: Near‐Threatened, LC: Least Concern

***Forest‐dependence category;*** FF: Forest‐specialists, F: Forest generalists

***Migration Status;***AM: Afrotropical Migrant, PM: Palaearctic Migrant, MM: Malagasy migrant

OM: Migrant from the Oriental region

**NB**: When the above letters are in lower case (e.g.am, pm), migrants of that category may occur alongside resident, non‐migratory individuals or individuals of one of the other migrant categories.

f: Forest visitors

\*Species that is unlikely to occur in the area and require further verification.

􀁾: New observation/record during the visit

x/Br: Species present/Observed breeding

**Reptiles & Amphibians:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Species** | **Common Name** | **IUCN Status** | **Pre-2008** | **July 2008** | **July 2009** | **Aug 2011** | **April 2012** | **June/July 2013** |
|  |  |  |  |  |  |  |  |  |
| 1. **AMPHIBIANS** |  |  |  |  |  |  |  |  |
| Family: Pipidae |  |  |  |  |  |  |  |  |
| 1. *Xenopus borealis* | Northern clawed frog | LC |  | **N** | X | X |  | X |
| Family Hyperoliidae |  |  |  |  |  |  |  |  |
| 1. *Hyperolius viridiflavus pantherinus* | Leopard reed frog | LC |  | **N** |  | X |  | X |
| 1. *Hyperolius viridiflavus ferniquei* | Ferniquei’s Reed frog | LC |  | **N** | X |  | X | X |
| 1. *Kassina senegalensis* | Senegal Kassina | LC |  | **N** |  |  | X | X |
| Family Ptychadenidae |  |  |  |  |  |  |  |  |
| 1. *Ptychadena anchietae* | Anchieta's ridged frog | LC |  | **N** | X | X | X | X |
| 1. *Ptychadena mascareniensis* | Mascarene ridged frog | LC | X | X | X | X | X | X |
| Family Ranidae |  |  |  |  |  |  |  |  |
| 1. *Cacosternum boettgeri* | Dainty frog | LC |  | **N** |  |  |  |  |
| 1. *Hoplobatrachus occipitalis* | Eastern crown-grooved bullfrog | LC |  |  |  |  | **N** | X |
| Family Phrynobatrachidae |  |  |  |  |  |  |  |  |
| 1. *Phrynobatrachus natalensis* | Natal puddle frog | LC | X | X | X |  |  |  |
| 1. *Phrynobatrachus keniensis* | Upland puddle frog | LC | X | X | X | X | X | X |
| Family Bufonidae |  |  |  |  |  |  |  |  |
| 1. *Amietophrynus kerinyagae* | Kerinyaga toad | LC | X | X |  | X |  |  |
| 1. *Amietophrynus regularis* | Common toad | LC |  | **N** |  | X |  |  |
| 1. *Amietophrynus garmani* | Garman's toad | LC | X | X | X |  |  | X |
| Pyxicephalidae |  |  |  |  |  |  |  |  |
| 1. *Tomopterna cryptotis?* | Cryptic sand frog | LC |  | **N** | X | X |  |  |
| 1. **REPTILES** |  |  |  |  |  |  |  |  |
| **Tortoises & Terrapins** |  |  |  |  |  |  |  |  |
| Family Tetudinidae |  |  |  |  |  |  |  |  |
| 1. *Geochelone pardalis* | Leopard tortoise | Na, CITES APP II | X | X | X | X | X | X |
| 1. *Kinyxis belliana\** | Bell’s hinged tortoise | Na, CITES APP II | X |  |  |  |  |  |
| Family Pelomedusidae |  |  |  |  |  |  |  |  |
| 1. *Pelomedusa subrufa* | Helmeted Terrapin | na | X | X | X | X | X | X |
| **Lizards** |  |  |  |  |  |  |  |  |
| Family Lacertidae |  |  |  |  |  |  |  |  |
| 1. *Adolfus jacksoni* | Jackson's Forest Lizard | na |  | **N** | X | X | X | X |
| Family Agamidae |  |  |  |  |  |  |  |  |
| 1. *Agama agama* | Red-headed rock agama | na | X | X | X | X | X | X |
| 1. *Agama caudospina* | Elementaita rock agama | na | X | X | X | X |  | X |
| 1. *Acanthocerus atricolis* | Blue-headed tree agama | na | X |  |  |  |  |  |
| Family Gekkonidae |  |  |  |  |  |  |  |  |
| 1. *Cnemaspis sp.* | Forest Gecko | na |  | **N** | X | X | X |  |
| 1. *Hemidactylus mabouia* | Tropical house gecko | na | X |  | X |  |  |  |
| 1. *Hemidactylus brooki* | Brook's gecko | na | X | X | X | X |  |  |
| 1. *Lygodactylus sp.* | Dwarf gecko | na |  | **N** | X | X |  |  |
| 1. *Lygodactylus keniensis* | Kenya dwarf gecko | na | X | X | X | X |  | X |
| 1. *Lygodactylus manni* | Mann’s dwarf gecko | na | X | X |  |  |  |  |
| Family Scincidae |  |  |  |  |  |  |  |  |
| 1. *Trachylepis striata* | Striped skink | na | X | X | X | X | X | X |
| 1. *Trachylepis varia* | Variable skink | na | X | X | X | X | X | X |
| 1. *Trachylepis megalura* | Grass-top skink | na |  | **N** | X | X |  | X |
| 1. *Lygosoma sundevalli* | Sundevall's writhing skink | na |  | **N** |  | X |  |  |
| 1. *Panaspis wahlbergii* | Wahlberg's snake-eyed skink | na |  | **N** | X | X | X |  |
| 1. *Leptosiaphos kilimensis* | Kilimanjaro five-toed skink | na |  | **N** |  |  |  |  |
| Family Chamaeleonidae |  |  |  |  |  |  |  |  |
| 1. *Chamaeleo bitaeniatus* | Side-striped chameleon | na, CITES APP II | X | X |  |  |  | X |
| 1. *Chamaeleo jacksoni\** | Jackson’s chameleon | na, CITES APP II | X |  |  |  |  |  |
| Gerrhosauridae |  |  |  |  |  |  |  |  |
| 1. *Gerrhosauraus flavigularis* | Yellow-throated plated lizard | na | X | X |  |  | X | X |
| Family Varanidae |  |  |  |  |  |  |  |  |
| 1. *Varanus niloticus* | Nile monitor lizard | na |  | **N** | X | X | X | X |
| **Snakes** |  |  |  |  |  |  |  |  |
| Family Typhlopidae |  |  |  |  |  |  |  |  |
| 1. *Typhlops lineolatus* | Lineolate blind snake | na | X | X | X | X |  | X |
| 1. *Rhinotyphlops brevis* | Angle-snouted blind snake | na |  | **N** | X |  |  |  |
| Family Leptotyphlopidae |  |  |  |  |  |  |  |  |
| 1. *Leptotyphlops scutifrons* | Peter's worm snake | na |  | **N** | X | X | X | X |
| Family Boidae |  |  |  |  |  |  |  |  |
| 1. *Python sebae* | Central African rock python | na | X | X | X | X | X | X |
| Family Colubridae |  |  |  |  |  |  |  |  |
| 1. *Lamprophis fuliginosus* | House snake | na | X |  |  |  |  |  |
| 1. *Prosymna ambigua* | Shovel-snouted snake | na | X |  |  |  |  |  |
| 1. *Philothamnus battersbyi* | Battersby's green snake | na | X | X | X | X | X | X |
| 1. *Philothamnus semivariegatus* | Spotted bush snake | na |  |  | **N** | X |  |  |
| 1. *Crotaphopeltis hotamboeia* | Herald/ White-lipped snake | na | X | X | X | X |  | X |
| 1. *Lycophidion capense* | Cape wolf snake | na | X | X | X | X | X | X |
| 1. *Coluber keniensis* | Kenya flower snake | na |  |  |  |  |  | **N** |
| 1. *Psammophis sudanensis* | Northern stripe-bellied sand snake | na | X | X |  |  |  |  |
| 1. *Psammophis biseriatus* | Link-marked sand snake | na | X |  | X |  |  |  |
| 1. *Psammophis mossambicus* | Olive sand snake | na | X | X | X | X |  | X |
| 1. *Psammophis punctatus* | Speckled sand snake | na | X |  |  |  |  |  |
| 1. *Psammophylax variabilis\** | Striped sand snake | na | X |  |  |  |  |  |
| 1. *Rhamphiophis rostratus* | Rufous-beaked Snake | na | X |  |  |  |  |  |
| 1. *Rhamphiophis rubropunctatus* | Red-spotted beaked snake | na | X |  |  |  |  |  |
| 1. *Dyspholidus typus* | Boomslang | na | X |  | X |  |  |  |
| 1. *Duberria lutrix* | Abyssinian Slug-eater | na | X |  |  |  |  |  |
| 1. *Dasypeltis scabra* | Rhombic egg-eater | na | X |  |  |  |  |  |
| 1. *Telescopus semiannulatus* | Tiger snake | na | X |  |  | X |  |  |
| Atractaspididae |  |  |  |  |  |  |  |  |
| 1. *Aparallactlus jacksoni* | Jackson's centipede-eater | na | X | X | X | X |  |  |
| 1. *Atractapis microlepidota* | Small-scaled burrowing asp | na | X |  |  | X |  |  |
| 1. *Aparallactus lunulatus* | Plumbeous centipede-eater | na | X |  | X |  |  |  |
| 1. *Micrelaps bicoloratus* | Two-coloured snake | na | X | X |  |  |  |  |
| 1. *Elapsoidea loveridgei* | East African Garter Snake | na | X |  |  |  |  |  |
| Family Elapidae |  |  |  |  |  |  |  |  |
| 1. *Dendroaspis polylepis* | Black mamba | na | X |  |  |  |  |  |
| 1. *Naja melanoleuca* | Forest cobra | na | X |  | X |  |  | X |
| 1. *Naja nigricollis* | Black-necked spitting cobra | na | X | X | X | X |  |  |
| Family Viperidae |  |  |  |  |  |  |  |  |
| 1. *Causus rhombeatus* | Rhombic night adder | na | X |  |  |  |  |  |
| 1. *Bitis arietans* | Puff adder | na | X | X |  |  |  | X |
| Total observations per visit |  |  |  | 45 | 37 | 33 | 20$ | 31 |

**KEY/NOTES:**

X= Records Observed (2008-2012 by Wasonga et al.; Pre-2008 Various Olari Nyiro Records)

**N** = New species record for Olari Nyiro

**$**= 2012 sampling only covered two sites in the Conservancy (Engelesha Forest & Mukutan Gorge)

\*= Records that require further verification

IUCN Status:

**LC** = Least Concern

**na** = This taxon had not been assessed for the IUCN Red List of Threatened Species

**Invertebrates:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **BIOLOGICAL NAME** | | **COMMON NAME** | | | **IUCN STATUS** | | **Pre 2008** | | **2008(July)** | **2011 (Aug)** | **2012 (April)** | **2013 (June-July)** |
|  | | **ARTHROPODA** | | **ARTHROPODS** | | |  | |  | |  |  |  |  |
|  | | **COLLEMBOLA** | | **SPRINGTAILS** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **DIPLURA** | | **DIPLURANS** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **THYSANURA** | | **SILVERFISH & BRISTLETAILS** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **INSECTA** | | **INSECTS** | | |  | |  | |  |  |  |  |
|  | | **EPHEMEROPTERA** | | **MAYFLIES** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Heptageniidae** | |  | | |  | |  | |  |  |  |  |
| 1 | | *Afronurus sp.* | |  | | |  | |  | |  |  | x |  |
|  | | *Afronurus harrisoni* | |  | | | NE | |  | |  |  |  | x |
|  | | **Baetidae** | |  | | |  | |  | |  |  |  |  |
| 2 | | *Baetidae sp.1* | |  | | |  | |  | |  |  | x |  |
|  | | *Baetis harrisoni* | |  | | | NE | |  | |  |  |  | X |
|  | | **Caenidae** | |  | | |  | |  | |  |  |  |  |
| 3 | | *Caenidae sp.1* | |  | | |  | |  | |  |  | x |  |
|  | | *Caenis sp* | |  | | |  | |  | |  |  |  | X |
|  | | **Telagonidae** | |  | | |  | |  | |  |  |  |  |
| 4 | | *Telagonidae sp* | |  | | |  | |  | |  |  |  | X |
|  | | TRICHOPTERA | |  | | |  | |  | |  |  |  |  |
| 5 | | *Parecnomina sp* | |  | | |  | |  | |  |  |  | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **ODONATA** | | **DRAGONFLIES & DAMSELFLIES** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **ZYGOPTERA** | | **DAMSELFLIES** | | |  | |  | |  |  |  |  |
|  | | **Chlorocyphidae** | | **Jewels** | | |  | |  | |  |  |  |  |
| 6 | | *Platycypha caligata* | | Booted Dancing-Jewel | | | LC | | x | |  |  | x | X |
|  | |  | |  | | |  | | x | |  |  |  |  |
|  | | **Lestidae** | | **Spreadwings** | | |  | | x | |  |  |  |  |
| 7 | | *Lestes virgatus* | | Smoky Spreadwing | | | LC | | x | |  |  |  |  |
|  | |  | |  | | |  | | x | |  |  |  |  |
|  | | **Synlestidae/Chlorolestidae** | | **Malachites** | | |  | | x | |  |  |  |  |
| 8 | | *Chlorolestes elegans* | | Elegant Malachite | | | NT | | x | |  |  |  |  |
|  | |  | |  | | |  | | x | |  |  |  |  |
|  | | **Coenagrionidae** | | **Pond Damsels** | | |  | | x | |  |  |  |  |
| 9 | | *Africallagma glaucum* | | Swamp Bluet | | | LC | | x | |  |  |  |  |
| 10 | | *Enallagma glaucum* | |  | | | LC | | x | |  |  |  |  |
| 11 | | *Ischnura senegalensis* | | Marsh Bluetail | | | LC | | x | |  |  |  |  |
| 12 | | *Pseudagrion hageni* | | Painted Sprite (Green Form) | | | LC | | x | |  |  | x |  |
| 13 | | *Pseudagrion kersteni* | | Powder-striped Sprite | | | LC | | x | |  |  | x | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **ANISOPTERA** | | **DRAGONFLIES** | | |  | |  | |  |  |  |  |
|  | | **Gomphidae** | | **Clubtails** | | |  | | x | |  |  |  |  |
| 14 | | *Paragomphus elpidius* | | Corkscrew Hooktail | | | LC | | x | |  |  |  |  |
|  | | Paragomphus sp | |  | | |  | |  | |  |  |  | X |
|  | | **Aeshinidae** | |  | | |  | |  | |  |  |  |  |
| 15 | | *Anax imperator* | | Blue Emperor | | | LC | | x | |  |  | x | X |
|  | |  | |  | | |  | | x | |  |  |  |  |
|  | | **Libellulidae** | | **Skimmers** | | |  | | x | |  |  |  |  |
| 16 | | *Brachythemis leucosticta* | | Banded Groundling | | | LC | | x | |  |  | x | X |
| 17 | | *Colatogomphus pictus* | |  | | | NE | | x | |  |  |  |  |
| 18 | | *Crocothemis erythraea* | | Common Scarlet Darter | | | LC | | x | |  |  |  |  |
| 19 | | *Crocothemis sanguinolenta* | | Slim Scarlet-Darter | | | LC | | x | |  |  |  | X |
| 20 | | *Henistigma albipuncta* | | Pied-spot | | | LC | | x | |  |  |  |  |
| 21 | | *Orthetrum julia* | | Julia Skimmer | | | LC | | x | |  |  | x | X |
| 22 | | *Orthetrum sp.1* | |  | | |  | |  | |  |  | x |  |
| 23 | | *Orthetrum sp.2* | |  | | |  | |  | |  |  | x |  |
| 24 | | *Palpopleura jucunda* | | Yellow Widow | | | LC | | x | |  |  |  |  |
| 25 | | *Palpopleura lucia* | | Lucia Widow | | | LC | | x | |  |  |  | X |
| 26 | | *Palpopleura portia* | |  | | | LC | | x | |  |  | x |  |
| 27 | | *Pantala flavescens* | | Wandering Glider | | | LC | | x | |  |  |  | X |
| 28 | | *Trithemis arteriosa* | | Red-veined Dropwing | | | LC | | x | |  |  | x | X |
| 29 | | *Trithemis furva* | | Dark Dropwing | | | LC | | x | |  |  | x | X |
| 30 | | *Trithemis pruinata* | |  | | | LC | | x | |  |  |  |  |
| 31 | | *Trithemis stictica* | | Jaunty Dropwing | | | LC | | x | |  |  | x |  |
| 32 | | *Urothemis assignata* | | Red Basker | | | LC | | x | |  |  |  | X |
| 33 | | *Nesciothemis farinosa* | |  | | | LC | |  | |  |  | x |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **BLATTODEA** | | **COCKROACHES** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | | x | |  |  |  |  |
|  | | **Blattidae** | |  | | |  | | x | |  |  |  |  |
| 34 | | *Pseudoderopeltis albilatena* | | Orange-shouldered Cockroach | | | NE | | x | |  |  |  |  |
| 35 | | *Pseudoderopeltis sp* | |  | | |  | | x | |  |  |  | X |
| 36 | | *Periplaneta americana* | | American/Common Cockroach | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | | x | |  |  |  |  |
|  | | **Blatellidae** | |  | | |  | | x | |  |  |  |  |
| 37 | | *Blatella germanica* | | German Cockroach | | | NE | | x | |  |  |  |  |
| 38 | | *Aptera sp.* | |  | | |  | |  | | x |  |  |  |
|  | |  | |  | | |  | | x | |  |  |  |  |
|  | | **Blaberidae** | |  | | |  | | x | |  |  |  |  |
| 39 | | *Oxyhaloa deusta* | |  | | | NE | | x | |  |  |  | X |
| 40 | | *Lexta sp.* | |  | | |  | |  | |  |  | x |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **ISOPTERA** | | **TERMITES** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | | x | |  |  |  |  |
|  | | **Termitidae** | |  | | |  | | x | |  |  |  |  |
| 41 | | *Macrotermes natalensis* | | Large Fungus-growing Termite | | | NE | | x | |  |  |  |  |
| 42 | | *Macrotermes sp.* | |  | | |  | |  | | x |  |  |  |
| 43 | | *Odontotermes badius* | | Common Fungus-growing Termite | | | NE | | x | |  |  | x |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **MANTODEA** | | **MANTIDS** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Hymenopodidae** | | **Flower Mantids** | | |  | |  | |  |  |  |  |
| 44 | | *Golinthias amoena* | |  | | | NE | | x | |  |  |  |  |
| 45 | | *Oxypiloidea tridens* | |  | | | NE | | x | |  |  |  |  |
| 46 | | *Phyllocrania paradoxa* | | Leaf Mantid | | | NE | | x | |  |  |  |  |
| 47 | | *Pseudocreobotra wahlbergi* | | Eyed-flower Mantid | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Mantidae** | | **Common Mantids** | | |  | |  | |  |  |  |  |
| 48 | | *Compsothespis sp* | |  | | |  | |  | | x |  |  |  |
| 49 | | *Epioscopomantis chalybea* | |  | | | NE | | x | |  |  |  |  |
| 50 | | *Metentella meruensis* | |  | | | NE | | x | |  |  |  |  |
| 51 | | *Miomantis sp* | |  | | |  | | x | |  |  |  |  |
| 52 | | *Polyspilota aeruginosa* | |  | | | NE | | x | |  |  |  |  |
| 53 | | *Popa sp* | |  | | |  | |  | | x |  |  |  |
| 54 | | *Sphodromantis gastrica* | | Giant/Common Green Mantid | | | NE | | x | |  |  |  |  |
| 55 | | *Tarachodes sp* | | Bark Mantid | | |  | | x | | x |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **PHASMATODEA** | | **STICK INSECTS** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Phasmatidae** | |  | | |  | | x | |  |  |  |  |
| 56 | | *Leptinia graminea* | | Grass Stick Insect | | | NE | | x | |  |  |  | X |
| 57 | | *Palophus veyi* | | Giant Stick Insect | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **DERMAPTERA** | | **EARWIGS** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Labiduridae** | | **Long-horned Earwigs** | | |  | |  | |  |  |  |  |
| 58 | | *Labidura riparia* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | | x | |  |  |  |  |
|  | | **Forficulidae** | | **Common Earwigs** | | |  | | x | |  |  |  |  |
| 59 | | *Forficula senegalensis* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **PLECOPTERA** | | **STONEFLIES** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Perlidae** | |  | | |  | |  | |  |  |  |  |
| 60 | | *Neoperla kunensis* | |  | | | NE | | x | |  |  | x | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **ORTHOPTERA** | | **GRASSHOPPERS,LOCUSTS&CRICKETS** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Gryllatalpidae** | | **Mole Crickets** | | |  | | x | |  |  |  |  |
| 61 | | *Gryllotalpa africana* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Tettigonidae** | | **Katydids, Bush Crickets & Long-horned Grasshoppers** | | | | | x | |  |  |  |  |
|  | |  | |  | | |  | | x | |  |  |  |  |
| 62 | | *Melidea brunneri* | | Leaf Katydid | | | NE | | x | |  |  |  |  |
| 63 | | *Phaneroptera sparsa* | | Leaf Katydid | | | NE | | x | |  |  |  | X |
| 64 | | *Terpnistria zebrata* | | Acacia Katydid | | | NE | | x | |  |  |  |  |
| 65 | | *Tylopis sp* | | Grass Katydid | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Gryllidae** | | **Crickets** | | |  | |  | |  |  |  |  |
| 66 | | *Gryllus bimaculatus* | | Common Garden Cricket | | | NE | | x | |  |  |  |  |
| 67 | | *Gryllus xanthoneurus* | |  | | | NE | | x | |  |  |  | X |
| 68 | | *Gryllulus sp* | |  | | |  | |  | |  |  | x |  |
| 69 | | *Macrogryllus consocius* | |  | | | NE | | x | |  |  |  |  |
| 70 | | *Phlaeoacris sp* | |  | | | NE | | x | |  |  |  |  |
| 71 | | *Platygryllus primiformis* | |  | | | NE | | x | |  |  |  |  |
| 72 | | *Teleogryllus sp* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Pyrgomorphidae** | | **Foam & Lubber Grasshoppers** | | |  | |  | |  |  |  |  |
| 73 | | *Chrotognus sp.* | |  | | |  | |  | | x |  |  |  |
| 74 | | *Phymateus morbillosus* | | Common Milkweed Locust | | | NE | | x | |  |  |  | X |
| 75 | | *Phymateus viridipes* | | Green Milkweed Locust | | | NE | | x | |  |  |  |  |
| 76 | | *Taphronota stali* | |  | | | NE | | x | |  |  |  |  |
| 77 | | *Zonocerus elegans* | | Elegant Grasashopper | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Pamphagidae** | |  | | |  | |  | |  |  |  |  |
| 78 | | *Lamarckiana sp* | | Rain Locust | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | | x | |  |  |  |  |
|  | | **Acrididae** | | **Short-horned Grasshoppers/Locusts** | | |  | | x | |  |  |  |  |
| 79 | | *Acanthacris fuficornis* | | Garden Locust | | | NE | | x | |  |  |  |  |
| 80 | | *Acanthacris sp.* | |  | | |  | |  | | x |  |  |  |
| 81 | | *Acrida acuminata* | | Common Stick Grasshopper | | | NE | | x | |  |  |  |  |
| 82 | | *Ailopus sp* | |  | | | NE | | x | |  |  |  | X |
| 83 | | *Cantanops humeralis* | |  | | | NE | | x | |  |  |  |  |
| 84 | | *Coryphosima stenoptera* | |  | | | NE | | x | |  |  |  |  |
| 85 | | *Cyrtocanthacris tartarica* | |  | | | NE | | x | |  |  |  | X |
| 86 | | *Gasrimargus sp* | |  | | |  | | x | |  |  |  |  |
| 87 | | *Gymnobothrus temporalis flexuasa* | | | | | NE | | x | |  |  |  |  |
| 88 | | *Gymnobothrus temporalisii* | |  | | | NE | | x | |  |  |  | X |
| 89 | | *Heteropternis thoracica* | |  | | | NE | | x | |  |  |  |  |
| 90 | | *Humbe sp* | |  | | |  | | x | |  |  |  |  |
| 91 | | *Oedalus senegalensis* | | Yellow Wings | | | NE | | x | |  |  |  |  |
| 92 | | *Parachynoma tricolor* | | Vlei Grasshopper | | | NE | | x | |  |  |  | X |
| 93 | | *Truxalis sp* | |  | | |  | | x | |  |  |  | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **HEMIPTERA** | | **BUGS** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Miridae** | | **Plant Bugs & Capsids** | | |  | | x | |  |  |  |  |
| 94 | | *Proboscidoceris sp* | |  | | |  | | x | |  |  |  |  |
| 95 | | *Stenotus elegans* | |  | | | NE | | x | |  |  |  |  |
| 96 | | *Stenotus sp* | |  | | |  | | x | |  |  |  | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Reduviidae** | | **Assassin Bugs** | | |  | | x | |  |  |  |  |
| 97 | | *Oncocephalus annulipes* | |  | | | NE | | x | |  |  |  |  |
| 98 | | *Phonoctonus sp* | | Cotton Steiner Assassin | | |  | | x | |  |  |  | X |
| 99 | | *Pirates aurigens* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Coreidae** | | **Twig Wilters, Squash Bugs & Leaf-footed Bugs** | | | | | x | |  |  |  |  |
|  | |  | |  | | |  | | x | |  |  |  |  |
| 100 | | *Akbaratus tripunctatus* | |  | | | NE | | x | |  |  |  |  |
| 101 | | *Anoplocnemis curvipes* | | Twig Wilter | | | NE | | x | |  |  |  |  |
| 102 | | *Cletus orientalis* | |  | | | NE | | x | |  |  |  |  |
| 103 | | *Leptoglossus membraceus* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Pyrrhocoridae** | | **Cotton stainers, Red Bugs & Fire Bugs** | | |  | | x | |  |  |  |  |
| 104 | | *Dysdercus cordinalis* | | Cotton Stainer | | | NE | | x | |  |  |  | X |
| 105 | | *Probergrothius sexpunctus* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Lygaeidae** | | **Seed Bugs & Ground Bugs** | | |  | | x | |  |  |  |  |
| 106 | | *Graptoslethus servus* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Cydnidae** | | **Burrowing Bugs** | | |  | | x | |  |  |  |  |
| 107 | | *Dismegistus sanguineus* | |  | | | NE | | x | |  |  |  |  |
| 108 | | *Plonisa plagiata* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Plataspidae** | | **Pill Bugs** | | |  | |  | |  |  |  |  |
| 109 | | *Coenomorpha sp.* | |  | | |  | | x | |  |  |  |  |
| 110 | | *Lybyaspis (plataspis) wahlbergi* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Scutelleridae** | | **Shield-backed Bugs** | | |  | |  | |  |  |  |  |
| 111 | | *Callidea dregii* | | Rainbow Shield Bugs | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Pentatomidae** | | **Stink Bugs & Shield Bugs** | | |  | |  | |  |  |  |  |
| 112 | | *Acoloba lanceolata* | |  | | | NE | | x | |  |  |  |  |
| 113 | | *Agonoscelis versicolor* | | Sunflower Seed Bug | | | NE | | x | |  |  |  |  |
| 114 | | *Antestia orbitalis* | | Antestia Bug | | | NE | | x | |  |  |  |  |
| 115 | | *Callidea signata* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
| 116 | | *Gynenica sp* | |  | | |  | | x | |  |  |  |  |
| 117 | | *Nezara viridula* | | Green Vegetable Bug | | | NE | | x | |  |  |  |  |
| 118 | | *Peizodorus purus* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Hydrometridae** | | **Water Striders** | | |  | |  | |  |  |  |  |
| 119 | | *Hydrometra ambulator* | |  | | | NE | | x | |  |  | x | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Gerridae** | | **Pond Skaters & Water Striders** | | |  | |  | |  |  |  |  |
| 120 | | *Eurymetra natalensis* | | Chevron Pond Skater | | | NE | | x | |  |  |  | X |
| 121 | | *Gerris swakopensis* | |  | | | NE | | x | |  |  |  | X |
| 122 | | *Metrocolis natalensis* | |  | | | NE | |  | |  |  | x |  |
| 123 | | *Limnogogus capensis* | | Striped Pond Skater | | | NE | | x | |  |  |  |  |
| 124 | | *Gerris sp.* | |  | | |  | |  | |  |  | x |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Corixidae** | | **Water Boatmen** | | |  | |  | |  |  |  |  |
| 125 | | *Sigara meridianalis* | |  | | | NE | | x | |  |  |  |  |
| 126 | | *Sigara sp.* | |  | | |  | |  | |  |  | x | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Notonectidae** | | **Backswimmers** | | |  | |  | |  |  |  |  |
| 127 | | *Anisops varia* | | Variable Backswimmer | | | NE | | x | |  |  |  |  |
| 128 | | *Anisops sp.* | | Common Backswimmers | | |  | | x | |  |  |  |  |
| 129 | | *Anisops ares* | |  | | | NE | |  | |  |  | x | X |
| 130 | | *Anisops pellucens* | | Backswimmer | | | NE | |  | |  |  |  | X |
| 131 | | *Micronecta sp.* | |  | | |  | |  | |  |  | x | X |
| 132 | | *Enithares sobria* | |  | | | NE | |  | |  |  |  | X |
|  | | **Naucoridae** | |  | | |  | |  | |  |  |  |  |
| 133 | | *Laccocoris limigenus* | |  | | | NE | |  | |  |  |  | X |
|  | | **Nepidae** | | **Water Scorpions** | | |  | |  | |  |  |  |  |
| 134 | | *Appassus sp* | |  | | |  | | x | |  |  |  |  |
| 135 | | *Cofana spectra* | |  | | | NE | | x | |  |  |  |  |
| 136 | | *Laccotrephes sp* | |  | | |  | | x | |  |  | x | X |
| 137 | | *Ranata grandicollis* | |  | | | NE | | x | |  |  |  |  |
| 138 | | *Ranatra cinnamomea* | |  | | | NE | |  | |  |  |  | X |
|  | | **Belastomatidae** | |  | | |  | |  | |  |  |  |  |
| 139 | | *Sphaerodena sp.* | |  | | |  | |  | |  |  | x |  |
|  | | *Sphaerodena nephroides* | |  | | | NE | |  | |  |  |  | X |
|  | | **Veliidae** | |  | | |  | |  | |  |  |  |  |
| 140 | | *Microvellia sp.* | |  | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Tettigometridae** | |  | | |  | | x | |  |  |  |  |
| 141 | | *Hilda patruelis* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Cercopidae** | | **Spittle Bugs & Froghoppers** | | |  | |  | |  |  |  |  |
| 142 | | *Poophilus sp* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Cicadidae** | | **Cicadas & Christmas beetles** | | |  | |  | |  |  |  |  |
| 143 | | *Acanthaspis obscura* | |  | | | NE | | x | |  |  |  |  |
| 144 | | *Phyllontochila wahlbergi* | |  | | | NE | | x | |  |  |  |  |
| 145 | | *Systophlochius palochius* | |  | | | NE | | x | |  |  |  |  |
| 146 | | *Xosopsaltria punctata* | | Bladder Cicada | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Membracidae** | | **Treehoppers** | | |  | |  | |  |  |  |  |
| 147 | | *Anchon nodicornis* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Cicadellidae** | | **Leaf Hoppers** | | |  | |  | |  |  |  |  |
| 148 | | *Circulifer sp* | |  | | |  | | x | |  |  |  |  |
| 149 | | *Cofana sp* | |  | | |  | | x | |  |  |  |  |
| 150 | | *Coloborrhis cortinicina* | |  | | | NE | | x | |  |  |  |  |
| 151 | | *Euscelis sp* | |  | | |  | | x | |  |  |  |  |
| 152 | | *Mecalus sp* | |  | | |  | | x | |  |  |  |  |
| 153 | | *Milaewa rhodesiana* | |  | | | NE | | x | |  |  |  |  |
| 154 | | *Nephotettix sp* | |  | | |  | | x | |  |  |  |  |
| 155 | | *Pentastiridius moestus* | |  | | | NE | | x | |  |  |  |  |
| 156 | | *Platyretus sp* | |  | | |  | | x | |  |  |  |  |
| 157 | | *Selanocephalus* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Margarodidae** | | **Giant Coccids & Ground Pearls** | | |  | |  | |  |  |  |  |
| 158 | | *Icerya purchasi* | | Cottony Cushion Scale/Fluted Scale | | | NE | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **THYSANOPTERA** | | **THRIPS** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **MEGALOPTERA** | | **DOBSONFLIES & ALDERFLIES** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **NEUROPTERA** | | **LACEWINGS & ANTLIONS** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Hemerobiidae** | | **Brown Lacewings, Aphid wolves** | | |  | |  | |  |  |  |  |
| 159 | | *Micromus sp.* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Chrysopidae** | | **Green Lacewings, Golden Eyes** | | |  | |  | |  |  |  |  |
| 160 | | *Chrysopa sp.* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Mantispidae** | | **Mantidflies, Mantispids** | | |  | |  | |  |  |  |  |
| 161 | | *Pseudoclimaciella sp.* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Myrmeleontidae** | | **Antlions** | | |  | |  | |  |  |  |  |
| 162 | | *Cueta punctatissima, Gerst* | |  | | | NE | | x | |  |  |  |  |
| 163 | | *Formicaleon voseus, Fraser* | |  | | | NE | | x | |  |  |  |  |
| 164 | | *Myrmeleon sp.* | | Pit-building Antlions | | |  | | x | |  |  |  |  |
| 165 | | *Palpares sobrinus, Peringuey* | | Dotted Veld Antlion | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Ascalaphidae** | | **Owl Flies** | | |  | |  | |  |  |  |  |
| 166 | | *Melambrotus sp.* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **COLEOPTERA** | | **BEETLES** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Carabidae** | | **Ground Beetles** | | |  | |  | |  |  |  |  |
| 167 | | *Abacetus optimus* | |  | | | NE | |  | |  |  | x |  |
| 168 | | *Abacetus sp* | |  | | |  | | x | |  |  | x | X |
| 169 | | *Agonum rugaticolle* | |  | | | NE | |  | |  |  | x |  |
| 170 | | *Agonum sp.* | |  | | |  | |  | |  |  | x |  |
| 171 | | *Anoncopencus sp.* | |  | | |  | |  | | x |  |  |  |
| 172 | | *Anthia bucolica* | |  | | | NE | |  | | x |  |  |  |
| 173 | | *Chlaenius fenestratus* | |  | | | NE | |  | |  |  | x |  |
| 174 | | *Cypholoba chanleri* | |  | | | NE | |  | | x |  |  |  |
| 175 | | *Cypholoba cinereocinata* | |  | | | NE | |  | | x |  |  |  |
| 176 | | *Cypholoba tetrastigma* | |  | | | NE | |  | | x |  |  |  |
| 177 | | *Cypholoba tenuicollis* | |  | | | NE | |  | | x |  |  |  |
| 178 | | *Diatypus picinus* | |  | | | NE | |  | |  |  | x |  |
| 179 | | *Distichus picicornis* | |  | | | NE | |  | | x |  |  |  |
| 180 | | *Eccoptoptera cupricollis* | |  | | | NE | | x | | x |  |  |  |
| 181 | | *Macrochilus biplagiatus* | |  | | | NE | |  | | x |  |  |  |
| 182 | | *Melanodes proximus* | |  | | | NE | | x | |  |  |  |  |
| 183 | | *Pherosophus insignis* | |  | | | NE | |  | | x |  |  |  |
| 184 | | *Platyns sp.* | |  | | |  | |  | |  |  | x |  |
| 185 | | *Stereostoma sp* | |  | | |  | | x | |  |  |  |  |
| 186 | | *Tefflus fischeri* | | Peaceful Giant Ground Beetles | | | NE | |  | | x |  |  |  |
|  | | *Tefflus sp* | |  | | |  | |  | |  |  |  | X |
| 187 | | *Trechus cryobius* | |  | | | NE | |  | |  |  | x | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Cicindelidae** | | **Tiger Beetles** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Paussidae** | | **Ant guest/Nest Beetles** | | |  | |  | |  |  |  |  |
| 188 | | *Paussus sp* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Gyrinidae** | |  | | |  | | x | |  |  |  |  |
| 189 | | *Dineustes africanus* | |  | | | NE | | x | |  |  |  | X |
| 190 | | *Orectogyrus bicostatus* | |  | | | NE | |  | |  |  | x | X |
| 191 | | *Dineutes aereus* | |  | | | NE | |  | |  |  | x | X |
| 192 | | *Aulonogyrus caffer* | |  | | | NE | |  | |  |  | x | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Hydrophilidae** | |  | | |  | |  | |  |  |  |  |
| 193 | | *Hydrophilus senegalensis* | |  | | | NE | | x | |  |  |  | X |
| 194 | | *Hydrophilus deplanatus* | |  | | | NE | | x | |  |  |  | X |
| 195 | | *Helochares sp.* | |  | | |  | |  | |  |  | x | X |
| 196 | | *Regimbartia inflata* | |  | | | NE | |  | |  |  | x | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Psephenidae** | | **Water Peny** | | |  | |  | |  |  |  |  |
| 197 | | *Psephenidae sp.1* | |  | | |  | |  | |  |  | x |  |
|  | | *Psephenus sp* | |  | | |  | |  | |  |  |  | X |
|  | | **Elmidae** | | **Riffle Beetle** | | |  | |  | |  |  |  |  |
| 198 | | *Elmidae sp.1* | |  | | |  | |  | |  |  |  |  |
|  | | *Elmis sp* | |  | | |  | |  | |  |  |  | X |
|  | | **Histeridae** | |  | | |  | |  | |  |  |  |  |
| 199 | | *Hister tropicus* | |  | | | NE | | x | |  |  |  |  |
| 200 | | *Hister nomas?* | |  | | |  | |  | | x |  |  |  |
| 201 | | *Hister latipes* | |  | | | NE | |  | |  |  | x |  |
| 202 | | *Macrolister sp* | |  | | | NE | | x | |  |  |  |  |
| 203 | | *Tribalus capensis* | |  | | | NE | |  | |  |  | x |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Staphylinidae** | |  | | |  | |  | |  |  |  |  |
| 204 | | *Staphylinus erichsoni* | |  | | | NE | | x | |  |  |  |  |
| 205 | | *Staphylinus jeanneli* | |  | | | NE | |  | | x |  |  |  |
| 206 | | *Paederus sabacus* | |  | | | NE | | x | |  |  | x | X |
| 207 | | *Zyras sp* | |  | | |  | | x | |  |  |  |  |
| 208 | | *Ontholestes africanus* | |  | | | NE | |  | |  |  | x |  |
| 209 | | *Philonthus sp* | |  | | |  | |  | |  |  | x |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Trogidae** | | **Carcass Beetles** | | |  | |  | |  |  |  |  |
| 210 | | *Trox sp* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Scarabaeidae** | | **Scarab beetles & Dung Beetles** | | |  | |  | |  |  |  |  |
| 211 | | *Anachalcos convexus* | |  | | | NE | | x | |  |  |  |  |
| 212 | | *Aphodius lividus* | |  | | | NE | | x | |  |  | x |  |
| 213 | | *Apogonia kraatzi* | |  | | | NE | |  | |  |  | x |  |
| 214 | | *Apogonia sp* | |  | | |  | | x | |  |  |  |  |
| 215 | | *Catharsius sp* | |  | | |  | |  | | x |  |  |  |
| 216 | | *Catharsius sp* | |  | | |  | | x | |  |  |  | X |
| 217 | | *Catharsius stuhlmani* | |  | | | NE | | x | |  |  |  |  |
| 218 | | *Catharsius tricornutus* | |  | | | NE | | x | |  |  | x |  |
| 219 | | *Copris elephenor* | |  | | | NE | | x | |  |  |  |  |
| 220 | | *Copris evadinus* | |  | | | NE | | x | |  |  |  |  |
| 221 | | *Copris harrisi* | |  | | | NE | | x | |  |  |  |  |
| 222 | | *Copris mesacanthus* | |  | | | NE | | x | |  |  |  |  |
| 223 | | *Copris sp* | |  | | |  | | x | |  |  |  |  |
| 224 | | *Copris typhoeus* | |  | | | NE | | x | |  |  |  |  |
| 225 | | *Cyphonistes gasanus* | |  | | | NE | |  | | x |  |  |  |
| 226 | | *Diplognatha gagates* | | Large Black Nest Chaffer | | | NE | | x | |  |  |  |  |
| 227 | | *Dischista cincta* | |  | | | NE | | x | |  |  |  |  |
| 228 | | *Eudicella smithi* | |  | | | NE | | x | |  |  |  |  |
| 229 | | *Fornassinus fornassinae* | |  | | | NE | | x | |  |  |  |  |
| 230 | | *Gerreta niteus* | |  | | | NE | | x | |  |  |  | X |
| 231 | | *Gymnopleurus azureus* | |  | | | NE | |  | | x |  |  |  |
| 232 | | *Gymnopleurus humanus* | | Small Green Dung Beetles | | | NE | | x | |  |  |  | X |
| 233 | | *Gymnopleurus virens* | |  | | | NE | | x | | x |  |  |  |
| 234 | | *Kheper eratus* | |  | | | NE | | x | |  |  |  |  |
| 235 | | *Leucoscelis amethystia* | | Common Dotted Fruit Chaffer | | | NE | | x | |  |  |  |  |
| 236 | | *Leucoscelis elegans* | |  | | | NE | | x | |  |  |  |  |
| 237 | | *Milichus picticollis* | |  | | | NE | |  | |  |  | x |  |
| 238 | | *Oniticellus millitaris* | |  | | | NE | | x | |  |  |  |  |
| 239 | | *Oniticellus planatus* | |  | | | NE | | x | |  |  |  |  |
| 240 | | *Onitis africanus* | |  | | | NE | | x | |  |  |  |  |
| 241 | | *Onitis alexis* | | Bronze Dung Beetle | | | NE | | x | |  |  |  |  |
| 242 | | *Onthophagus blanchardi* | |  | | | NE | | x | |  |  |  |  |
| 243 | | *Onthophagus sp* | |  | | | NE | | x | |  |  |  | X |
| 244 | | *Onthophagus verticallis* | |  | | | NE | | x | |  |  |  |  |
| 245 | | *Oryctes boas* | | Rhinoceros Beetle | | | NE | | x | |  |  |  |  |
| 246 | | *Oryctes sp* | |  | | |  | | x | |  |  |  |  |
| 247 | | *Pachynoda sinuata* | |  | | | NE | | x | |  |  |  | X |
| 248 | | *Paeleopragma petersi* | |  | | | NE | | x | |  |  |  |  |
| 249 | | *Poecilophila hebraea* | |  | | | NE | |  | | x |  | x |  |
| 250 | | *Porphyronota hebreae* | |  | | | NE | | x | |  |  |  |  |
| 251 | | *Rhabdotis sabrina* | |  | | | NE | | x | |  |  |  |  |
| 252 | | *Scarabaeus catenatus* | |  | | | NE | |  | | x |  |  |  |
| 253 | | *Schizonycha sp* | |  | | |  | | x | |  |  |  |  |
| 254 | | *Sisyphus rugosus* | |  | | | NE | | x | |  |  | x |  |
| 255 | | *Tephraea dichroa* | |  | | | NE | | x | |  |  |  |  |
| 256 | | *Trochalus sp* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Buprestidae** | |  | | |  | |  | |  |  |  |  |
| 257 | | *Acmeodera sp* | |  | | |  | | x | |  |  |  |  |
| 258 | | *Acmeodera virgo* | |  | | | NE | | x | |  |  |  |  |
| 259 | | *Agrilus discolor* | |  | | | NE | | x | |  |  |  |  |
| 260 | | *Darmasila lethalis* | |  | | | NE | | x | |  |  |  | X |
| 261 | | *Lampetis amaurotica* | |  | | | NE | | x | |  |  |  |  |
| 262 | | *Steraspis fastuosa* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Elateridae** | |  | | |  | |  | |  |  |  |  |
| 263 | | *Tetralobus flabellicornis* | |  | | | NE | | x | |  |  |  |  |
| 264 | | *Adelocera basalis* | |  | | | NE | |  | |  |  | x |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Drillidae** | |  | | |  | |  | |  |  |  |  |
| 265 | | *Selasia pulchra* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Lampyridae** | |  | | |  | |  | |  |  |  |  |
| 266 | | *Luciola sp* | |  | | |  | | x | |  |  |  |  |
| 267 | | *Lampyris sp* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Bostrychidae** | |  | | |  | |  | |  |  |  |  |
| 268 | | *Bostrychopsis villosula* | |  | | | NE | | x | |  |  |  |  |
| 269 | | *Heterobostrychus brunneus* | |  | | | NE | | x | |  |  |  |  |
| 270 | | *Xylion adastus* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Cleridae** | |  | | |  | |  | |  |  |  |  |
| 271 | | *Gyponyx signifer* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Melyridae** | |  | | |  | |  | |  |  |  |  |
| 272 | | *Idgia dimidiata* | |  | | | NE | |  | | x |  |  |  |
| 273 | | *Idgia fulvicollis* | |  | | | NE | | x | |  |  |  | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Lymexylidae** | |  | | |  | |  | |  |  |  |  |
| 274 | | *Atractocerus* *brevicornis* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Coccinellidae** | |  | | |  | |  | |  |  |  |  |
| 275 | | *Cheilomenes lunata* | |  | | | NE | | x | |  |  |  | X |
| 276 | | *Cheilomenes sulphurea* | |  | | | NE | | x | |  |  |  |  |
| 277 | | *Chilocorus calvus* | |  | | | NE | | x | |  |  |  |  |
| 278 | | *Epilachua sp* | |  | | |  | | x | |  |  |  |  |
| 279 | | *Henosepilachna hirta* | |  | | | NE | | x | |  |  |  |  |
| 280 | | *Henosepilochna bifasciata* | |  | | | NE | | x | |  |  |  |  |
| 281 | | *Hippodamia variegata* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Tenebrionidae** | |  | | |  | |  | |  |  |  |  |
| 282 | | *Eupezus sp* | |  | | |  | | x | |  |  |  |  |
| 283 | | *Eurychora sp* | |  | | |  | | x | |  |  |  |  |
| 284 | | *Gonocephalus simplex* | |  | | | NE | | x | |  |  |  |  |
| 285 | | *Lagria vulnerata* | |  | | | NE | | x | |  |  |  |  |
| 286 | | *Oncoosoma ertli* | |  | | | NE | | x | |  |  |  |  |
| 287 | | *Oncoosoma sp* | |  | | |  | | x | |  |  |  |  |
| 288 | | *Paramaryginus globulatus* | |  | | | NE | | x | |  |  |  |  |
| 289 | | *Psammodes sp* | |  | | |  | | x | |  |  |  |  |
| 290 | | *Rhytinota gracillis* | |  | | | NE | | x | |  |  |  |  |
| 291 | | *Strongylium purpuri penne* | |  | | | NE | | x | |  |  |  |  |
| 292 | | *Zophosis abyssinica* | |  | | | NE | | x | |  |  |  |  |
| 293 | | *Pltoides sp* | |  | | |  | |  | |  |  | x |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Meloidae** | |  | | |  | |  | |  |  |  |  |
| 294 | | *Mylabris praestans* | |  | | | NE | | x | |  |  |  | X |
| 295 | | *Coryna apicicornis* | |  | | | NE | | x | |  |  |  |  |
| 296 | | *Cissites cephalotes* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Cerambycidae** | |  | | |  | |  | |  |  |  |  |
| 297 | | *Calothyrza jardinei* | |  | | | NE | | x | |  |  |  |  |
| 298 | | *Ceroplesis militaris* | |  | | | NE | | x | |  |  |  |  |
| 299 | | *Closteromerus laevipus* | |  | | | NE | | x | |  |  |  |  |
| 300 | | *Closteromerus suturalis* | |  | | | NE | | x | |  |  |  |  |
| 301 | | *Macrotoma palmata* | |  | | | NE | | x | |  |  |  |  |
| 302 | | *Merionaeda africana* | |  | | | NE | | x | |  |  |  |  |
| 303 | | *Phantasis gorgo* | |  | | | NE | | x | |  |  |  |  |
| 304 | | *Xystoceza dispar* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Chrysomelidae** | |  | | |  | |  | |  |  |  |  |
| 305 | | *Haltica pyritosa* | |  | | | NE | | x | |  |  |  |  |
| 306 | | *Plagiodera caffra* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Anthribidae** | |  | | |  | |  | |  |  |  |  |
| 307 | | *Xylinades vugicollis* | |  | | | NE | | x | |  |  |  |  |
| 308 | | *Xylinada atricornis* | |  | | | NE | |  | |  |  | x |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Brentidae** | |  | | |  | | x | |  |  |  |  |
| 309 | | *Eupsalis vulsellata* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Apionidae** | |  | | |  | |  | |  |  |  |  |
|  | | *Apion sp* | |  | | |  | |  | | x |  |  |  |
| 310 | | *Nanophyes pilipennis* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Curculionidae** | |  | | |  | |  | |  |  |  |  |
| 311 | | *Anaplesius granulicollis* | |  | | | NE | |  | |  |  | x |  |
| 312 | | *Hapliotrachelus orbitalis* | |  | | | NE | | x | |  |  |  |  |
| 313 | | *Hipporrhinus tennegranosus* | |  | | | NE | | x | |  |  |  |  |
| 314 | | *Myllocerus mystacinus* | |  | | | NE | | x | |  |  |  |  |
| 315 | | *Nematocerus marginalis* | |  | | | NE | | x | |  |  |  | X |
| 316 | | *Nematocerus sp.* | |  | | |  | | x | |  |  |  | X |
| 317 | | *Neocleonus sannio* | |  | | | NE | | x | |  |  |  |  |
| 318 | | *Sphadasmus camelus* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Carabacidae** | |  | | |  | |  | |  |  |  |  |
| 319 | | *Anthia maxillosa* | |  | | | NE | | x | |  |  |  |  |
| 320 | | *Graphiphipterus circumdatus* | |  | | | NE | | x | |  |  |  |  |
| 321 | | *Peizia sp* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Cantharidae** | |  | | |  | |  | |  |  |  |  |
| 322 | | *Diaphanes rugiocollis* | |  | | | NE | | x | |  |  |  | X |
| 323 | | *Lamphatus sp* | |  | | |  | | x | |  |  |  |  |
| 324 | | *Lycus constrictus* | |  | | | NE | | x | | x |  |  |  |
| 325 | | *Lycus ampliatus* | |  | | | NE | |  | |  |  |  | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Galeruchidae** | |  | | |  | |  | |  |  |  |  |
| 326 | | *Hemixantha bifasciata* | |  | | | NE | | x | |  |  |  |  |
| 327 | | *Hypercantha pauli* | |  | | | NE | | x | |  |  |  |  |
| 328 | | *Spilocephalus apicalis* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Crioceridae** | |  | | |  | |  | |  |  |  |  |
| 329 | | *Zeugophora humeralis* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Silphidae** | |  | | |  | |  | |  |  |  |  |
| 330 | | *Thanatophilus sp.* | |  | | |  | |  | | x |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Dytiscidae** | |  | | |  | |  | |  |  |  |  |
| 331 | | Cybister tripunctatus | |  | | | NE | |  | | x |  |  |  |
| 332 | | *Copelatus atrusulcatus* | |  | | | NE | |  | |  |  | x |  |
| 333 | | *Rhantus capensis* | |  | | | NE | |  | |  |  | x |  |
| 334 | | *Laccophilus adspersus* | |  | | | NE | |  | |  |  | x |  |
| 334 | | *Guignatus sp.* | |  | | |  | |  | |  |  | x |  |
| 335 | | *Hyphydus grossus* | |  | | | NE | |  | |  |  | x |  |
| 336 | | *Hydroglyphus infirmus* | |  | | | NE | |  | |  |  |  | X |
| 337 | | *Laccophilus incrassatus* | |  | | | NE | |  | |  |  |  | X |
| 338 | | *Hydaticus matruelis* | |  | | | NE | |  | |  |  |  | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **MECOPTERA** | | **SCORPIONFLIES** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Bittacidae** | |  | | |  | | x | |  |  |  |  |
| 339 | | *Bittacus sp* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **DIPTERA** | | **FLIES** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Simuliidae** | |  | | |  | |  | |  |  |  |  |
| 340 | | *Simulium sp.* | |  | | |  | |  | |  |  | x | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Empididae** | |  | | |  | |  | |  |  |  |  |
| 341 | | *Empididae sp.1* | |  | | |  | |  | |  |  | x |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Tipulidae** | |  | | |  | | x | |  |  |  |  |
| 342 | | *Nephrotoma sp* | |  | | |  | | x | |  |  | x |  |
|  | | *Tipula sp* | |  | | |  | |  | |  |  |  | X |
|  | | **Pyrgotidae** | |  | | |  | |  | |  |  |  |  |
| 343 | | *Pygotidae sp.1* | |  | | |  | |  | |  |  | x |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Psychodidae** | | Moth Flies | | |  | |  | |  |  |  |  |
| 344 | | *Clogia albipunctata* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Chironomidae** | | Midges, Gnats, Bloodworms | | |  | |  | |  |  |  |  |
| 345 | | *Chironomus sp* | |  | | |  | | x | |  |  | x | x |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Culicidae** | | **Mosquitoes** | | |  | |  | |  |  |  |  |
| 345 | | *Culex pipiens* | | House Mosquito | | | NE | | x | |  |  |  |  |
| 346 | | *Aedes aegyptii* | | Bush Mosquito | | | NE | | x | |  |  |  |  |
| 347 | | *Culex sp.* | |  | | |  | |  | |  |  | x | X |
|  | | Culicine | |  | | |  | |  | |  |  |  | X |
|  | | **Tabanidae** | |  | | |  | |  | |  |  |  |  |
| 348 | | *Haematopota sp* | |  | | |  | |  | | x |  |  |  |
| 349 | | *Haematopota ocellata* | | Clegs | | | NE | | x | |  |  |  |  |
| 350 | | *Philoliche aethiopica* | |  | | | NE | | x | |  |  |  | X |
| 351 | | *Tabanus sp* | |  | | |  | |  | |  |  |  | X |
|  | | **CERATOPOGONIDAE** | |  | | |  | |  | |  |  |  |  |
| 352 | | *Culicoides sp* | |  | | |  | |  | |  |  |  | X |
|  | | **Asilidae** | | **Robber Flies** | | |  | |  | |  |  |  |  |
| 353 | | *Lasiocnemis lugens* | | Picture-winged Robber Fly | | | NE | | x | |  |  |  |  |
| 354 | | *Leptogaster sp* | |  | | |  | | x | |  |  |  |  |
| 355 | | *Microstylum sp* | |  | | |  | | x | |  |  |  | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Bombyliidae** | | **Bee Flies** | | |  | |  | |  |  |  |  |
| 356 | | *Bombylus delicatus* | |  | | | NE | | x | |  |  |  |  |
| 357 | | *Bombylus luteipennis* | |  | | | NE | | x | |  |  |  |  |
| 358 | | *Bombylus mantium* | |  | | | NE | | x | |  |  |  |  |
| 359 | | *Exoprosopa sp* | |  | | |  | | x | |  |  |  |  |
| 360 | | *Litorhina allothyris* | |  | | | NE | |  | | x |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Syrphidae** | | **Hover Flies** | | |  | |  | |  |  |  |  |
| 361 | | *Allograpta fuscotibialis* | |  | | | NE | | x | |  |  |  | X |
| 362 | | *Asarkina africana* | |  | | | NE | | x | |  |  |  |  |
| 363 | | *Dicrano sepsis* | |  | | | NE | |  | | x |  |  |  |
| 364 | | *Ischiodon sp* | |  | | |  | | x | |  |  |  | X |
| 365 | | *Eristalis tenax* | | Drone Fly | | | NE | | x | |  |  | x |  |
| 366 | | *Syritta sp* | |  | | |  | |  | | x |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Tephritidae** | | **Fruit Flies** | | |  | |  | |  |  |  |  |
| 367 | | *Aciura sp* | |  | | |  | |  | | x |  |  |  |
| 368 | | *Ceratitis capitata* | | Mediterranean Fruit Fly | | | NE | | x | |  |  |  |  |
| 369 | | *Didacus ciliatus* | | Lesser/ Small Cucurbit Fly | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Diopsidae** | | **Stalk-eyed Flies** | | |  | |  | |  |  |  |  |
| 370 | | *Diopsis sp* | |  | | |  | | x | |  |  |  | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Drosophilidae** | | **Vinegar Flies** | | |  | |  | |  |  |  |  |
| 371 | | *Drosophila sp* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Anthomyidae** | | **Root-maggot Flies** | | |  | |  | |  |  |  |  |
| 372 | | *Anthonyia sp* | |  | | |  | | x | |  |  |  | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Muscidae** | | **House Flies** | | |  | |  | |  |  |  |  |
| 373 | | *Atherigona sp* | |  | | |  | |  | | x |  |  |  |
| 374 | | *Dichaetomyia sp* | |  | | |  | |  | | x |  |  |  |
| 375 | | *Helina sp* | |  | | |  | |  | | x |  |  |  |
| 376 | | *Lispe sp* | |  | | |  | | x | |  |  |  |  |
| 377 | | *Musca sp* | |  | | |  | |  | | x |  |  |  |
| 378 | | *Musca sp* | |  | | |  | |  | | x |  |  |  |
| 379 | | *Musca domestica* | | House Fly | | | NE | | x | |  |  |  | X |
| 380 | | *Stomoxys calcitrans* | | Stable Fly | | | NE | | x | |  |  |  | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Glossonidae** | | **Tsetse Flies** | | |  | |  | |  |  |  |  |
| 381 | | *Glossina sp* | |  | | |  | | x | |  |  |  | X |
|  | |  | |  | | |  | | x | |  |  |  |  |
|  | | **Calliphoridae** | | **Bluebottles, Greenbottles, Blowflies** | | |  | |  | |  |  |  |  |
| 382 | | *Auchmeromyia sp* | |  | | |  | |  | | x |  | x |  |
| 383 | | *Calliphora sp* | |  | | |  | |  | | x |  |  |  |
| 384 | | *Calliphora sp* | |  | | |  | |  | | x |  |  |  |
| 385 | | *Chrysomya albiceps* | | Banded Blowfly | | | NE | | x | |  |  |  |  |
| 386 | | *Chrysomya chloropyga* | | Copper-tailed Blowfly | | | NE | | x | |  |  |  | X |
| 387 | | *Lucilia sericata* | | European Green Blowfly | | | NE | | x | |  |  | x |  |
| 388 | | *Stegosoma sp* | |  | | |  | |  | | x |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Sarcophagidae** | | Flesh Flies | | |  | |  | |  |  |  |  |
| 389 | | *Hoplacephala tesselata* | |  | | | NE | |  | | x |  |  |  |
| 390 | | *Rhinia sp.* | |  | | |  | |  | | x |  |  |  |
| 391 | | *Sarcophaga haemorrhoidalis* | |  | | | NE | | x | |  |  |  |  |
| 392 | | *Sarcophaga sp* | |  | | |  | |  | | x |  |  | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Faniidae** | |  | | |  | |  | |  |  |  |  |
| 393 | | *Fannia canicularis* | |  | | | NE | | x | |  |  |  |  |
| 394 | | *Fannia scalaris* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Sphaeroceridae** | |  | | |  | |  | |  |  |  |  |
| 395 | | *Leptocera sp* | |  | | |  | |  | | x |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Sciaridae** | |  | | |  | |  | |  |  |  |  |
| 396 | | *Lucicilia sp* | |  | | |  | |  | | x |  |  |  |
| 397 | | *Sciaris sp* | |  | | |  | |  | | x |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Sepsidae** | |  | | |  | |  | |  |  |  |  |
| 398 | | *Dicranosepsis Sp.* | |  | | |  | |  | | x |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **LEPIDOPTERA** | | **MOTHS AND BUTTERFLIES** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | |  | | **MOTHS** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Cossidae** | |  | | |  | |  | |  |  |  |  |
| 399 | | *Azygophleps inclusa* | | Leopard Goat | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Yponomentidae** | | **Ermine Moths** | | |  | | x | |  |  |  |  |
| 400 | | *Plutella maculipennis* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Pyralidae** | |  | | |  | |  | |  |  |  |  |
| 401 | | *Achyra coelatalis* | |  | | | NE | | x | |  |  |  |  |
| 402 | | *Duponchelia fovialis* | |  | | | NE | | x | |  |  |  |  |
| 403 | | *Encylopomia sp* | |  | | |  | | x | |  |  |  |  |
| 404 | | *Euclarta warreni* | |  | | | NE | | x | |  |  |  |  |
| 405 | | *Eurrhyparodes bractedalis* | |  | | | NE | | x | |  |  |  |  |
| 406 | | *Hellula undalis* | |  | | | NE | | x | |  |  |  |  |
| 407 | | *Hendecasis apicefulva,* | |  | | | NE | | x | |  |  |  |  |
| 408 | | *Herpetogramma licarsisalis* | |  | | | NE | | x | |  |  |  |  |
| 409 | | *Herpetogramma mutualis* | |  | | | NE | | x | |  |  |  |  |
| 410 | | *Lamoria cafrella* | |  | | | NE | | x | |  |  |  |  |
| 411 | | *Leucinodes orbonalis* | |  | | | NE | | x | |  |  |  |  |
| 412 | | *Palpita bicolor* | |  | | | NE | | x | |  |  |  |  |
| 413 | | *Palpita unionalis* | |  | | | NE | | x | |  |  |  |  |
| 414 | | *Stemmatophora excurvalis* | |  | | | NE | | x | |  |  |  |  |
| 415 | | *Syngamia latimarginalis* | |  | | | NE | | x | |  |  |  |  |
| 416 | | *Tegalifera oblureta* | |  | | | NE | | x | |  |  |  |  |
| 417 | | *Tyndis senior* | |  | | | NE | | x | |  |  |  |  |
| 418 | | *Udea fernigalis* | |  | | | NE | | x | |  |  |  |  |
| 419 | | *Viettessa margaritalis* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Sphingidae** | |  | | |  | |  | |  |  |  |  |
| 420 | | *Acherontia atropos* | | Death's Head Hawk Moth | | | NE | | x | |  |  |  |  |
| 421 | | *Cephonodes hylas* | | Oriental Bee Hawk Moth | | | NE | | x | |  |  |  |  |
| 422 | | *Deilephila nerii* | | Oleander Hawk Moth | | | NE | | x | |  |  |  |  |
| 423 | | *Hippotion celerio* | | Silver-tipped/ Vine Hawk Moth | | | NE | | x | |  |  |  |  |
| 424 | | *Nephele comma* | | Common Nephele | | | NE | | x | |  |  |  |  |
| 425 | | *Pseudoclanis postica* | | Mulberry Hawk Moth | | | NE | | x | |  |  |  |  |
| 426 | | *Sphingomorpha chlorea* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Saturniidae** | |  | | |  | |  | |  |  |  |  |
| **427** | | *Pseudobunaea irius* | | Poplar Emperor Moth | | | NE | | x | |  |  |  |  |
| **428** | | *Ludia cf. pseudovetusta* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Thyretidae** | |  | | |  | |  | |  |  |  |  |
| 429 | | *Thyretes hippotes* | | Equine Maiden | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Arctiidae** | |  | | |  | |  | |  |  |  |  |
| 430 | | *Digama strabonis* | | Squinting Digama | | | NE | | x | |  |  |  |  |
| 431 | | *Utethisa pulchella* | | Crimson-speckled Footman | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Noctuidae** | |  | | |  | |  | |  |  |  |  |
| 432 | | *Cyligramma latona* | | Cream-Striped Owl | | | NE | | x | |  |  |  |  |
| **433** | | *Erebus macrops* | | Owl Moth | | | NE | | x | |  |  |  |  |
| 434 | | *Earias cupreoviridis* | | Cupreous Spiny Boll Worm | | | NE | | x | |  |  |  |  |
| 435 | | *Phytometra orichalcea* | | Golden Plusia | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Ctenuchidae** | |  | | |  | |  | |  |  |  |  |
| 436 | | *Syntomus cerbera* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | |  | | **BUTTERFLIES** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Hesperiidae** | | **Skippers** | | |  | | x | |  |  |  |  |
| 437 | | *Acleros mackenii* | | Macken's Skipper | | | NE | | x | |  |  |  |  |
| 438 | | *Borbo gemella* | |  | | | NE | |  | |  |  | x |  |
| 439 | | *Celaenorrhinus bettoni* | |  | | | NE | | x | |  |  |  |  |
| 440 | | *Celaenorrhinus galenus* | | Orange Sprite | | | NE | | x | |  |  |  |  |
| 441 | | *Celaenorrhinus intermixtus* | |  | | | NE | | x | |  |  |  |  |
| 442 | | *Coeliades anchises* | | One Pip Policeman | | | NE | | x | |  |  |  |  |
| 443 | | *Coeliades pisistratus* | | Two Pip Policeman | | | NE | | x | |  |  | x |  |
| 444 | | *Coeliades libeon* | | Spotless Policeman | | | NE | | x | |  |  |  |  |
| 445 | | *Eagris nottoana* | |  | | | NE | | x | |  |  |  |  |
| 446 | | *Eagris sabadius* | |  | | | NE | | x | |  |  |  | X |
| 447 | | *Eretis umbra* | | Small Marbled Elf | | | NE | | x | |  | x |  | X |
| 448 | | *Eretis melania* | |  | | | NE | | x | |  | x |  | X |
| 449 | | *Eretis lugens* | |  | | | NE | | x | |  | x |  |  |
| 450 | | *Gegenes niso* | | Plain Hottentot | | | NE | | x | |  |  |  | X |
| 451 | | *Gegenes pumilio* | | Dark Hottentot | | | NE | | x | |  |  |  |  |
| 452 | | *Kedestes rogersi* | | Roger's Ranger | | | NE | | x | |  |  |  |  |
| 453 | | *Metisella midas* | | Golden Sylph | | | NE | | x | |  |  |  |  |
| 454 | | *Metisella orientalis* | |  | | | NE | | x | |  |  |  | X |
| 455 | | *Metisella trisignatus* | | Three Spot Sylph | | | NE | | x | |  | x |  |  |
| 456 | | *Netrobalane canopus* | | Buff-Tipped Skipper | | | NE | | x | |  |  |  |  |
| 457 | | *Parosmodes morantii* | | Morant's Skipper | | | NE | | x | |  |  |  |  |
| 458 | | *Pelopidas mathias* | | Lesser Millet Skipper | | | NE | | x | |  |  |  | X |
| 459 | | *Sarangesa phidyle* | |  | | | NE | | x | |  |  |  |  |
| 460 | | *Saranges sp.* | | (Engelesha) | | | NE | | x | |  |  |  |  |
| 461 | | *Spialia colotes* | | Transvaal Grizzled Skipper | | | NE | | x | |  |  |  |  |
| 462 | | *Spialia diomus* | | Diomus Grizzled Skipper | | | NE | | x | |  |  |  | X |
| 463 | | *Spialia spio* | | Mountain Sandman | | | NE | | x | |  | x |  |  |
| 464 | | *Tagiades flesus* | | Clouded Flat | | | NE | | x | |  |  | x |  |
| 465 | | *Zenonia zeno* | | Orange Spotted Skipper | | | NE | | x | |  |  |  | X |
| 466 | | *Zophopetes dysmephila* | | Palm Tree Nightflier | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Papilionidae** | |  | | |  | |  | |  |  |  |  |
| 467 | | *Graphium antheus* | | Large Striped Swordtail | | | NE | | x | |  | x |  |  |
| 468 | | *Papilio bromius* | | Broad Green-Banded Swallowtail | | | NE | |  | |  |  | x |  |
| 469 | | *Papilio dardanus* | | Mocker Swallowtail | | | NE | | x | |  |  |  | X |
| 470 | | *Papilio demodocus* | | Citrus Butterfly | | | NE | | x | |  | x | x | X |
| 471 | | *Papilio jacksoni* | | Jackson's Swallowtail | | | NE | | x | |  |  |  |  |
| 472 | | *Papilio mackinnoni* | | MacKinnon's Swallowtail | | | NE | | x | |  |  |  |  |
| 473 | | *Papilio nireus* | | Narrow Green-Banded Swallowtail | | | NE | | x | |  | x | x | X |
| 474 | | *Papilio nobilis* | | Noble Swallowtail | | | NE | | x | |  | x | x | X |
| 475 | | *Papilio phorcas* | | Green-Banded Swallowtail | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Pieridae** | |  | | |  | |  | |  |  |  |  |
| 476 | | *Belenois aurota* | | Brown-Veined White | | | NE | | x | |  |  | x | X |
| 477 | | *Belenois creona* | | Common White | | | NE | | x | |  | x |  | X |
| 478 | | *Belenois thysa* | | False Dotted Border | | | NE | | x | |  |  |  |  |
| 479 | | *Belenois zochalia* | | Forest Caper White | | | NE | | x | |  | x |  | X |
| 480 | | *Catopsilia florella* | | African Emigrant | | | NE | | x | |  | x | x | X |
| 481 | | *Colias electo* | | African Clouded Yellow | | | NE | | x | |  | x |  | X |
| 482 | | *Colotis amatus* | | Small Salmon Arab | | | NE | | x | |  |  |  |  |
| 483 | | *Colotis antevippe* | | Large Orange Tip | | | NE | | x | |  | x | x | X |
| 484 | | *Colotis aurigineus* | | African Golden Arab | | | NE | | x | |  | x |  | X |
| 485 | | *Colotis celimene* | | Magenta Tip | | | NE | | x | |  | x |  | X |
| 486 | | *Colotis eris eris* | | Banded Gold Tip | | | NE | | x | |  |  |  | X |
| 487 | | *Colotis euippe* | | Round Winged Orange Tip | | | NE | | x | |  | x |  | X |
| 488 | | *Colotis hetaera* | | Coast Purple Tip | | | NE | | x | |  | x |  | X |
| 489 | | *Colotis protomedia* | | Yellow splendour | | | NE | | x | |  |  |  |  |
| 490 | | *Colotis rogersi* | | Orange Tip | | | NE | |  | |  | x | x |  |
| 491 | | *Dixeia pigea* | | Antheap White | | | NE | | x | |  |  |  |  |
| 492 | | *Dixeia spilleri* | | Spiller's Yellow | | | NE | | x | |  |  | x | X |
| 493 | | *Eurema brigitta* | | Small Grass Yellow | | | NE | | x | |  | x | x | X |
| 494 | | *Eurema floricola* | | Malagasy Grass Yellow | | | NE | | x | |  | x |  | X |
| 495 | | *Eurema hapale* | | Marsh Grass Yellow | | | NE | | x | |  | x | x | X |
| 496 | | *Eurema hecabe* | | Common Grass Yellow | | | NE | | x | |  | x | x | X |
| 497 | | *Leptosia alcesta* | | African Wood White | | | NE | | x | |  |  | x | X |
| 498 | | *Mylothris agathina* | | Eastern Dotted Border | | | NE | | x | |  | x | x |  |
| 499 | | *Mylothris jacksoni* | | Jackson's Dotted Border | | | NE | | x | |  |  |  | X |
| 500 | | *Mylothris rueppelli* | | Ruppell's Dotted Border | | | NE | | x | |  |  | x |  |
| 501 | | *Nepheronia thalassina* | | Blue Vagrant | | | NE | | x | |  |  |  |  |
| 502 | | *Pinacopteryx eriphia* | | Zebra White | | | NE | | x | |  |  |  |  |
| 503 | | *Pontia helice johnstoni* | | Meadow White | | | NE | | x | |  |  |  | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Nymphalidae** | |  | | |  | |  | |  |  |  |  |
| 504 | | *Acraea caecilia* | |  | | | NE | | x | |  | x |  |  |
| 505 | | *Acraea encedana* | | Pierre's Acraea | | | NE | | x | |  |  |  |  |
| 506 | | *Acraea encedon* | | Encedon Acraea | | | NE | | x | |  |  | x | X |
| 507 | | *Acraea eponina* | | Orange Acraea | | | NE | | x | |  |  | x | X |
| 508 | | *Acraea insignis* | |  | | | NE | | x | |  |  |  |  |
| 509 | | *Acraea lycoa* | |  | | | NE | | x | |  |  |  |  |
| 510 | | *Antanartia abyssinica* | | Abyssinian Admiral | | | NE | | x | |  |  |  |  |
| 511 | | *Antanartia dimorphica* | | Dimorphic Admiral | | | NE | | x | |  | x |  | X |
| 512 | | *Antanartia schaeneia* | | Long Tail Admiral | | | NE | | x | |  |  |  |  |
| 513 | | *Aphysoneura pigmenteria* | | Painted Ringlet | | | NE | | x | |  |  |  |  |
| 514 | | *Bicyclus safitza* | | Common Bush Brown | | | NE | | x | |  | x | x | X |
| 515 | | *Catacroptera cloanthe* | | Pirate | | | NE | | x | |  | x | x | X |
| 516 | | *Charaxes berkeleyi* | | Berkeley's Charaxes | | | NE | | x | |  |  | x |  |
| 517 | | *Charaxes baumanni* | | Baumann's Charaxes | | | NE | | x | |  |  |  |  |
| 518 | | *Charaxes brutus* | | White Barred Charaxes | | | NE | | x | |  |  |  |  |
| 519 | | *Charaxes candiope* | | Green-Veined Charaxes | | | LC | | x | |  | x | x | X |
| 520 | | *Charaxes hansali* | | Cream-Banded Charaxes | | | NE | | x | |  |  | x |  |
| 521 | | *Charaxes jahlusa* | | Pearl Spotted Charaxes | | | NE | |  | |  |  | x |  |
| 522 | | *Charaxes kirki* | | Kirk's Charaxes | | | NE | | x | |  |  |  |  |
| 523 | | *Charaxes varanes* | | Pearl Charaxes | | | NE | | x | |  |  | x |  |
| 524 | | *Charaxes zoolina* | | Club-Tailed Charaxes | | | NE | | x | |  | x | x | X |
| 524 | | *Danaus chrysippus* | | African Queen | | | NE | | x | |  |  |  | X |
| 525 | | *Eurytela dryope* | | Golden Piper | | | NE | | x | |  |  |  |  |
| 526 | | *Eurytela hiarbas* | | Pied Piper | | | NE | | x | |  |  |  |  |
| 527 | | *Hamanumida daedalus* | | Guineafowl | | | NE | | x | |  |  |  | X |
| 528 | | *Henotesia perspicua* | | Swamp Patroller | | | NE | | x | |  | x | x | X |
| 529 | | *Hypolimnas misippus* | | Diadem | | | NE | | x | |  | x |  | X |
| 530 | | *Junonia hierta* | | Yellow Pansy | | | LC | | x | |  | x | x | X |
| 531 | | *Junonia oenone* | | Dark Blue Pansy | | | LC | | x | |  | x | x | X |
| 532 | | *Junonia orithya* | | Blue Pansy | | | NE | | x | |  | x | x |  |
| 533 | | *Junonia sophia* | | Little Commodore | | | NE | | x | |  | x | x | X |
| 534 | | *Junonia natalica* | | Natal Pansy | | | NE | | x | |  | x |  |  |
| 535 | | *Junonia terea* | | Soldier Commodore | | | NE | | x | |  | x | x |  |
| 536 | | *Libythea labdaca* | | African Snout | | | NE | | x | |  |  |  |  |
| 537 | | *Melanitis leda* | | Common Evening Brown | | | NE | | x | |  |  | x | X |
| 538 | | *Neocoenyra gregorii* | |  | | | NE | | x | |  | x |  | X |
| 539 | | *Neptis kikuyuensis* | | Kikuyu Sailer | | | NE | | x | |  |  |  | X |
| 540 | | *Neptis penningtoni* | | Pennington's Sailer | | | NE | | x | |  | x |  | X |
| 541 | | *Neptis kiriakoffi* | |  | | | NE | |  | |  |  | x |  |
| 542 | | *Neptis saclava* | | Small Spotted Sailer | | | NE | | x | |  |  | x | X |
| 543 | | *Neptis serena* | |  | | | NE | |  | |  |  | x |  |
| 544 | | *Phalanta eurytis* | | African Leopard Fritillary | | | NE | | x | |  |  |  |  |
| 545 | | *Phalanta phalantha* | | Common Leopard Fritillary | | | NE | | x | |  | x | x | X |
| 546 | | *Precis antilope* | | Darker Commodore | | | NE | | x | |  |  |  |  |
| 547 | | *Precis archesia* | | Garden Inspector | | | NE | | x | |  | x |  | X |
| 548 | | *Precis limnoria* | | White-Spotted Commodore | | | NE | | x | |  | x | x | X |
| 549 | | *Precis octavia* | | Gaudy Commodore | | | LC | | x | |  |  |  |  |
| 550 | | *Precis tugela* | | Eared Commodore | | | NE | | x | |  |  |  |  |
| 551 | | *Salamis anacardii* | | Clouded Mother-of-Pearl | | | NE | | x | |  |  | x |  |
| 552 | | *Salamis parhassus* | | Forest Mother-of-Pearl | | | NE | | x | |  |  |  |  |
| 553 | | *Sallya boisduvali* | | Brown Tree Nymph | | | NE | | x | |  |  |  |  |
| 554 | | *Vanessa cardui* | | Painted Lady | | | NE | | x | |  | x |  | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Lycaenidae** | |  | | |  | |  | |  |  |  |  |
| 555 | | *Actizera lucida* | | Rayed Blue | | | NE | |  | |  | x |  |  |
| 556 | | *Actizera stellata* | | Clover Blue | | | NE | | x | |  | x |  | X |
| 557 | | *Aloeides conradsi* | | Conrad's Copper | | | NE | | x | |  |  |  |  |
| 558 | | *Anthene amarah* | | Leaden Ciliate Blue | | | NE | | x | |  | x |  | X |
| 559 | | *Anthene butleri* | | Butler's Ciliate Blue | | | NE | | x | |  |  |  | X |
| 560 | | *Anthene definita* | | Common Ciliate Blue | | | NE | | x | |  |  |  |  |
| 561 | | *Anthene indefinita* | |  | | | NE | | x | |  |  |  | X |
| 562 | | *Anthene lunulata* | | Red Spot Ciliate Blue | | | NE | | x | |  |  |  |  |
| 563 | | *Anthene pitmani* | | Pitman's Ciliate Blue | | | LC | | x | |  |  |  | X |
| 564 | | *Aslauga latifurca* | |  | | | LC | | x | |  |  |  |  |
| 565 | | *Aslauga sp. nov* | |  | | |  | | x | |  |  |  |  |
| 566 | | *Axiocerses harpax* | | Common Scarlet | | | NE | | x | |  |  |  |  |
| 567 | | *Axiocerses tjoane* | | Eastern Scarlet | | | NE | | x | |  |  |  |  |
| 568 | | *Azanus jesous* | | African Babul Blue | | | NE | | x | |  | x | x |  |
| 569 | | *Azanus moriqua* | | Black-Bordered Babul Blue | | | NE | | x | |  |  |  | X |
| 570 | | *Azanus natalensis* | | Natal Babul Blue | | | NE | | x | |  |  |  | X |
| 571 | | *Azanus ubaldus* | | Dessert Babul Blue | | | NE | | x | |  | x |  |  |
| 572 | | *Baliochila fragilis* | |  | | | NE | | x | |  |  |  |  |
| 573 | | *Cacyreus lingeus* | | Common Bush Blue | | | NE | | x | |  | x |  |  |
| 574 | | *Cacyreus virilis* | | Eastern Bush Blue | | | NE | | x | |  | x |  |  |
| 575 | | *Capys hermes* | |  | | | NE | | x | |  |  |  |  |
| 576 | | *Cupidopsis cissus* | | Meadow Blue | | | NE | | x | |  |  |  |  |
| 577 | | *Cupidopsis iobates* | | Tailed Meadow Blue | | | NE | | x | |  | x |  | X |
| 578 | | *Desmolycaena rogersi* | | Rogers’ Gem | | | NE | | x | |  |  |  |  |
| 579 | | *Deudorix antalus* | | Brown Playboy | | | NE | | x | |  |  |  | X |
| 580 | | *Deudorix lorisona* | | Coffee Playboy | | | NE | | x | |  |  | x |  |
| 581 | | *Eicochrysops hippocrates* | |  | | | NE | | x | |  |  |  |  |
| 582 | | *Eicochrysops nandianus* | | Cupreous Blue | | | NE | | x | |  | x | x |  |
| 583 | | *Euchrysops brunneus* | | Brown Cupid | | | NE | | x | |  |  |  | X |
| 584 | | *Euchrysops malathana* | | Smoky Bean Cupid | | | NE | | x | |  |  |  | X |
| 585 | | *Euchrysops nandensis* | | Smoky Bean Cupid | | | NE | | x | |  |  |  |  |
| 585 | | *Euchrysops osiris* | | African Cupid | | | NE | | x | |  | x |  | X |
| 586 | | *Euchrysops subpallida* | |  | | | NE | | x | |  | x |  |  |
| 587 | | *Freyeria trochylus* | | Grass Jewel | | | NE | | x | |  | x |  | X |
| 588 | | *Hypolycaena pachalica* | | Eastern Hairstreak | | | NE | | x | |  |  |  |  |
| 589 | | *Hypolycaena philippus* | | Common Hairstreak | | | NE | | x | |  | x |  |  |
| 590 | | *Iolaus crawshayi* | | Crawshay's Sapphire | | | NE | | x | |  |  | x |  |
| 591 | | *Lachnocnema bibulus* | | Woolly Legs | | | NE | | x | |  |  |  |  |
| 592 | | *Lampides boeticus* | | Pea Blue | | | NE | | x | |  |  |  |  |
| 593 | | *Lepidochrysops elgonae* | | Elgon Giant Cupid | | | NE | | x | |  |  |  | X |
| 594 | | *Lepidochrysops cf. neonegus* | |  | | | NE | | x | |  |  |  |  |
| 595 | | *Lepidochrysops parsimon* | |  | | | NE | | x | |  | x |  |  |
| 596 | | *Leptomyrina gorgias* | | Common Black Eye | | | NE | | x | |  |  |  |  |
| 597 | | *Leptotes pirithous* | | Common Zebra Blue | | | NE | | x | |  | x |  | X |
| 598 | | *Lycaena phlaeas* | | Small Copper | | | NE | | x | |  |  |  |  |
| 599 | | *Paraphnaeus hutchinsoni* | | Hutchinson’s Silver Spot | | | NE | | x | |  |  |  |  |
| **600** | | *Pilodeudorix caerulea* | | Blue Heart Playboy | | | NE | | x | |  |  |  |  |
| 601 | | *Spindasis nyassae* | | Nyasa Silverline | | | NE | | x | |  |  |  |  |
| 602 | | *Spindasis tavetensis* | | Taveta Silverline | | | NE | | x | |  |  |  |  |
| 603 | | *Tarucus grammicus* | | Black Pierrot | | | NE | | x | |  | x |  |  |
| 604 | | *Tuxentius melaena* | | Dark Pied Pierrot | | | NE | | x | |  |  |  |  |
| 605 | | *Uranothauma nubifer* | | Black Heart | | | NE | | x | |  |  |  |  |
| 606 | | *Zizeeria knysna* | | African Grass Blue | | | NE | | x | |  |  |  | X |
| 607 | | *Zizina antanossa* | | Dark Grass Blue | | | NE | | x | |  | x |  |  |
| 608 | | *Zizula hylax* | | Tiny Grass Blue | | | NE | | x | |  |  |  | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
| 6 | | **HYMENOPTERA** | | **BEES, WASPS & ANTS** | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Tenthredinidae** | | **Sawflies** | | |  | |  | |  |  |  |  |
| 609 | | *Athalia sp* | |  | | |  | | x | |  |  |  |  |
| 610 | | *Euaspis sp* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Braconidae** | | **Braconid Wasps** | | |  | |  | |  |  |  |  |
| 611 | | *Brannsia analis* | |  | | | NE | | x | |  |  |  |  |
| 612 | | *Braunsia fenestrata* | |  | | | NE | | x | |  |  |  |  |
| 613 | | *Cardiochiles sp* | |  | | | NE | | x | |  |  |  |  |
| 614 | | *Cardiochiles trimaculata* | |  | | | NE | | x | |  |  |  |  |
| 615 | | *Gastrotheca sp* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Chrysididae** | | **Cuckoo Wasps** | | |  | |  | |  |  |  |  |
| 616 | | *Chrysis lyncea* | |  | | | NE | | x | |  |  |  |  |
| 617 | | *Chrysis concinna* | |  | | | NE | | x | |  |  |  | X |
| 618 | | *Hcolychridium morosum* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Scoliidae** | | **Mammoth Wasps** | | |  | |  | |  |  |  |  |
| 619 | | *Cathimeris clothu* | |  | | | NE | | x | |  |  |  | X |
| 620 | | *Cathimeris hymenae* | |  | | | NE | | x | |  |  |  |  |
| 621 | | *Myzina sp 1* | |  | | |  | | x | |  |  |  |  |
| 622 | | *Myzina sp 2* | |  | | |  | | x | |  |  |  |  |
| 623 | | *Scolia ruficornis* | |  | | | NE | | x | |  |  |  | x |
| 624 | | *Scolia sp* | |  | | |  | | x | |  |  |  | x |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Mutillidae** | | **Velvet Ants** | | |  | |  | |  |  |  |  |
| 625 | | *Dasylabris glossina* | |  | | | NE | | x | |  |  |  |  |
| 626 | | *Dasylabris signaticeps* | |  | | | NE | | x | |  |  |  | X |
| 627 | | *Dasylabris sp* | |  | | |  | | x | |  |  |  | X |
| 628 | | *Mutilla astarte* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Pompilidae** | | **Spider-Hunting Wasps** | | |  | |  | |  |  |  |  |
| 629 | | *Cyphononyx bretoni antennatus* | |  | | | NE | | x | |  |  |  | X |
| 630 | | *Dichragenia jacob* | |  | | | NE | | x | |  |  |  |  |
| 631 | | *Epysyron natalicolus* | |  | | | NE | | x | |  |  |  |  |
| 632 | | *Hemipepsis sp* | |  | | |  | | x | |  |  |  |  |
| 633 | | *Hemipepsis tamisieri* | |  | | | NE | | x | |  |  |  |  |
| 634 | | *Pompilus laptacantha* | |  | | | NE | | x | |  |  |  |  |
| 635 | | *Pompilus plumbeus* | |  | | | NE | | x | |  |  |  | x |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Vespidae** | | **Paper Wasps** | | |  | |  | |  |  |  |  |
| 636 | | *Belonogaster juncens* | |  | | | NE | | x | |  |  |  | X |
| 637 | | *Belonogaster vasseae* | |  | | | NE | | x | |  |  |  |  |
| 638 | | *Delta sp* | |  | | |  | | x | |  |  |  |  |
| 639 | | *Polistes marginalis* | |  | | | NE | | x | |  |  |  | x |
| 640 | | *Polistes tenellus* | |  | | | NE | | x | |  |  |  |  |
| 641 | | *Popalidia sp* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Eumenidae** | | **Potter/ Mason Wasps** | | |  | |  | |  |  |  |  |
| 642 | | *Eumenes tinctor* | |  | | | NE | | x | |  |  |  |  |
| 643 | | *Synagris analis* | |  | | | NE | | x | |  |  |  |  |
| 644 | | *Synagris negusi* | |  | | | NE | | x | |  |  |  | x |
|  | | *Synagris sp* | |  | | |  | |  | |  |  |  | x |
|  | | **Sphecidae** | |  | | |  | |  | |  |  |  |  |
| 645 | | *Ammophila punctaticeps* | |  | | | NE | | x | |  |  |  | X |
| 646 | | *Antepipona senegalensis* | |  | | | NE | | x | |  |  |  | X |
| 647 | | *Bembix fuscipennis* | | Sand Wasp | | | NE | | x | |  |  |  | X |
| 648 | | *Cerceris iniqua* | |  | | | NE | | x | |  |  |  | X |
| 649 | | *Cerceris rufiscutis* | |  | | | NE | | x | |  |  |  | X |
| 650 | | *Gastrosericus brannsi* | |  | | | NE | | x | |  |  |  |  |
| 651 | | *Gastrosericus walthii* | |  | | | NE | | x | |  |  |  |  |
| 652 | | *Liris haemorrhoidalis* | |  | | | NE | | x | |  |  |  |  |
| 653 | | *Micreuruenes glaber* | |  | | | NE | | x | |  |  |  | x |
| 654 | | *Philanthus triangullum* | |  | | | NE | | x | |  |  |  |  |
| 655 | | *Scheliphron quartinae* | |  | | | NE | | x | |  |  |  | x |
| 656 | | *Tachysphex prosopigastroides* | |  | | | NE | | x | |  |  |  |  |
| 657 | | *Tachysphex sp* | |  | | |  | | x | |  |  |  | x |
| 658 | | *Tachytes observabilis* | |  | | | NE | | x | |  |  |  |  |
| 659 | | *Trypoxylon sp* | | Keyhole wasp | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Halictidae** | |  | | |  | |  | |  |  |  |  |
| 660 | | *Halictus sp 1* | |  | | |  | | x | |  |  |  | x |
| 661 | | *Halictus sp 2* | |  | | |  | | x | |  |  |  |  |
| 662 | | *Halictus tinctus* | |  | | | NE | | x | |  |  |  |  |
| 663 | | *Nomia tridentata* | |  | | | NE | | x | |  |  |  |  |
| 664 | | *Sphecodes sp* | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Megachilidae** | |  | | |  | |  | |  |  |  |  |
| 665 | | *Chalicodoma felina* | |  | | | NE | | x | |  |  |  | X |
| 666 | | *Chalicodoma rufiventris* | |  | | | NE | | x | |  |  |  |  |
| 667 | | *Heriades sp* | |  | | |  | | x | |  |  |  |  |
| 668 | | *Megachile basalis* | |  | | | NE | | x | |  |  |  |  |
| 669 | | *Megachile combusta* | |  | | | NE | | x | |  |  |  |  |
| 670 | | *Megachile sp* | |  | | |  | | x | |  |  |  |  |
| 671 | | *Megachile venusta* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Anthophoridae** | |  | | |  | |  | |  |  |  |  |
| 672 | | *Amegilla torrida* | |  | | | NE | | x | |  |  |  | X |
| 673 | | *Anthophora albigena* | |  | | | NE | | x | |  |  |  |  |
| 674 | | *Anthophora armata* | |  | | | NE | | x | |  |  |  |  |
| 675 | | *Anthophora conspicua* | |  | | | NE | | x | |  |  |  | X |
| 676 | | *Anthophora sp* | |  | | |  | | x | |  |  |  | X |
| 678 | | *Ceratini nasalis* | |  | | | NE | | x | |  |  |  | X |
| 679 | | *Ceratini sp* | |  | | |  | | x | |  |  |  | X |
| 680 | | *Mesotrichia flavorufa* | |  | | | NE | | x | |  |  |  | x |
| 681 | | *Tetralonia sp* | |  | | |  | | x | |  |  |  |  |
| 682 | | *Xylocopa caffra* | |  | | | NE | | x | |  |  |  | x |
| 683 | | *Xylocopa incostans* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Apidae** | |  | | |  | |  | |  |  |  |  |
| 684 | | *Amegilla sp* | |  | | |  | | x | |  |  |  | X |
| 685 | | *Apis mellifera* | |  | | | NE | | x | |  |  |  | X |
| 686 | | *Meliponula bocandei* | |  | | | NE | | x | |  |  |  | x |
| 687 | | *Meliponura sp.* | |  | | |  | |  | | x |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Formicidae** | |  | | |  | |  | |  |  |  |  |
| 688 | | *Camponotus fulvopilosus* | |  | | | NE | | x | |  |  |  |  |
| 689 | | *Camponotus maculatus* | |  | | | NE | | x | |  |  |  | X |
| 690 | | *Camponotus sp* | |  | | |  | | x | | x |  |  | X |
| 691 | | *Carebare sp* | |  | | |  | | x | |  |  |  |  |
| 692 | | *Carebare vidua* | |  | | | NE | | x | |  |  |  |  |
| 6933 | | *Crematogatser sp.* | |  | | |  | |  | |  |  | x | X |
| 694 | | *Dorylus sp.* | |  | | |  | |  | | x |  |  | x |
| 695 | | *Dorylus (T) fulvus* | |  | | | NE | | x | |  |  |  |  |
| 696 | | *Messor barbarus* | |  | | | NE | | x | |  |  |  | x |
| 697 | | *Pachycondyla tarsata* | |  | | | NE | | x | |  |  |  |  |
| 698 | | *Plectoctena mandioularis* | |  | | | NE | | x | |  |  |  | x |
| 699 | | *Polyrhachis gagates* | |  | | | NE | | x | |  |  |  | x |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Ichneumonidae** | |  | | |  | |  | |  |  |  |  |
| 700 | | *Atropha sp* | |  | | |  | | x | |  |  |  |  |
| 701 | | *Compoplex sp* | |  | | |  | | x | |  |  |  |  |
| 702 | | *Ctenochares sp* | |  | | |  | | x | |  |  |  |  |
| 703 | | *Ctenochares unifithorax* | |  | | | NE | | x | |  |  |  |  |
| 704 | | *Echthromorpha variagate* | |  | | | NE | | x | |  |  |  |  |
| 705 | | *Exochus sp* | |  | | |  | | x | |  |  |  |  |
| 706 | | *Ischnojoppa flavipennis* | |  | | | NE | | x | |  |  |  |  |
| 707 | | *Ophion sp* | |  | | |  | | x | |  |  |  | x |
| 708 | | *Osprynchotus gueinzii* | |  | | | NE | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **ARACHNIDA** | | **SPIDERS, SCORPIONS, TICKS & MITES** | | |  | |  | |  |  |  |  |
|  | | **SCORPIONES** | | **SCORPIONS** | | |  | |  | |  |  |  |  |
| 709 | | **Scorpionidae** | |  | | |  | | x | |  |  |  |  |
|  | | **??** | |  | | |  | |  | |  |  |  |  |
| 710 | | **Buthidae** | |  | | |  | | x | |  |  |  |  |
|  | | **??** | |  | | |  | |  | |  |  |  |  |
|  | | **ARANAEA** | | **SPIDERS** | | |  | |  | |  |  |  |  |
| 711 | | Aranaea sp.1 | |  | | |  | |  | |  |  | x |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **ACARINA** | | **TICKS AND MITES** | | |  | |  | |  |  |  |  |
|  | | **IXODOIDEA** | | **TICKS** | | |  | |  | |  |  |  |  |
| 712 | | **Ixodidae sp.1** | |  | | |  | | x | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **CHILOPODA** | | **CENTIPEDES** | | |  | |  | |  |  |  |  |
| **713** | | *Chilopoda sp.1* | |  | | |  | |  | |  |  | x |  |
| **714** | | *Chilopoda sp.2* | |  | | |  | |  | |  |  | x |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **DIPLOPODA** | | **MILLIPEDES** | | |  | |  | |  |  |  |  |
| 715 | | *Diplopoda sp1* | |  | | |  | |  | |  |  | x |  |
| 716 | | *Diplopoda sp.2* | |  | | |  | |  | |  |  | x |  |
| 717 | | *Diplopoda sp.3* | |  | | |  | |  | |  |  | x |  |
| 718 | | ***Wajirinus gracilepis*** | | **Flat millipede** | | | NE | |  | |  |  |  | X |
|  | | **CRUSTACEA** | | **CRABS, LOBSTERS, WOODLICE** | | |  | |  | |  |  |  |  |
|  | | **ISOPODA** | |  | | |  | |  | |  |  |  |  |
| 719 | | ***Armadillium sp*** | | Common pill-woodlouse/pill-bug | | |  | |  | |  |  |  | X |
|  | | **DECAPODA** | |  | | |  | |  | |  |  |  |  |
|  | |  | | Freshwater Crab? | | |  | | x | |  |  |  |  |
| 720 | | ***Potamonautes neumanni*** | | Freshwater crab | | | LC | |  | |  |  |  | X |
| 721 | | ***Procambarus clarkii*** | | Lousianna crayfish | | | LC | |  | |  |  |  | X |
|  | | **OLIGOCHAETAE** | |  | | |  | |  | |  |  |  |  |
| 722 | | ***Lumbricus*** | | Aquatic earthworm | | |  | |  | |  |  |  | X |
| 723 | | ***Lumbricidae sp*** | | Earthworm | | |  | |  | |  |  |  |  |
|  | | **HIRUDINAE** | |  | | |  | |  | |  |  |  |  |
| 724 | | *Erpobdellidae sp* | | Leech | | |  | |  | |  |  |  | X |
|  | | **MOLLUSCA** | | **SNAILS, SLUGS & SHELLFISH** | | |  | |  | |  |  |  |  |
|  | | **GASTROPODA** | | **SLUGS AND SNAILS** | | |  | |  | |  |  |  |  |
|  | | **UROCYCLIDAE** | | Terrestrial molluscs | | |  | |  | |  |  |  |  |
| 725 | | ***Chlamydarion*** *oscitans* | |  | | | NE | |  | |  |  |  | X |
| 726 | | ***Trochonanina*** *densestriata* | |  | | | NE | |  | |  |  |  | X |
| 728 | | ***Trochonanina*** *keniana* | |  | | | NE | |  | |  |  |  | X |
| 729 | | ***Trachycysti*** *ariel* | |  | | | NE | |  | |  |  |  | X |
|  | | **SUBULINIDAE** | |  | | |  | |  | |  |  |  |  |
| 730 | | ***Pseudoglessula boivini*** | |  | | | NE | |  | |  |  |  | X |
| 731 | | ***Pseudoglessula*** *conradti* | |  | | | DD | |  | |  |  |  | X |
| 732 | | ***Pseudopeas*** *rumuritiensis* | |  | | | NE | |  | |  |  |  | X |
| 733 | | ***Opeas*** *marsabitiensis* | |  | | | NE | |  | |  |  |  |  |
|  | | **ENIDAE** | |  | | |  | |  | |  |  |  |  |
| 734 | | ***Rachidina*** *virginea* | |  | | | NE | |  | |  |  |  | X |
| 735 | | ***Rachidina*** *chiradzuluensis* | |  | | | NE | |  | |  |  |  | X |
| 736 | | ***Edourdia*** *tumida* | |  | | | NE | |  | |  |  |  | X |
| 737 | | ***Cerestua*** *baringi* | |  | | | NE | |  | |  |  |  | X |
|  | | **STREPTAXIDAE** | |  | | | NE | |  | |  |  |  |  |
| 738 | | ***Gullela*** *funera* | |  | | | NE | |  | |  |  |  | X |
|  | | **BRADYBAENIDAE** | |  | | |  | |  | |  |  |  |  |
| 739 | | ***Hallolimnohelix*** *planulata* | |  | | | NE | |  | |  |  |  | X |
| 740 | | ***Hallolimniohelix*** *iredalei* | |  | | | NE | |  | |  |  |  | X |
| 741 | | ***Vicariihekix*** *keniensis* | |  | | | NE | |  | |  |  |  | X |
|  | | **SPHAERIIDAE** | |  | | |  | |  | |  |  |  |  |
| 742 | | ***Pisidium sp*** | | Pill clam | | |  | |  | |  |  |  | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **Achatinidae** | |  | | |  | |  | |  |  |  |  |
| 743 | | *Achatina sp* | |  | | |  | |  | | x |  |  |  |
| 744 | | ***Limicolaria martensiana*** | |  | | | NE | |  | |  |  |  |  |
|  | | **Lymnaeidae** | |  | | |  | |  | |  |  |  |  |
| 745 | | *Lymnae sp.* | |  | | |  | |  | |  |  | x |  |
|  | | *Lymnae natalensis* | | Pond snails | | | NE | |  | |  |  |  | X |
|  | | **Planorbidae** | |  | | |  | |  | |  |  |  |  |
| 747 | | *Biomphallaria sp.* | |  | | |  | |  | |  |  | x |  |
|  | | *Biomphallaria pfeifferi* | | Orb snails | | |  | |  | |  |  |  |  |
| 748 | | *Burnupia crassistriata* | | Limpets | | | NT | |  | |  |  |  | X |
|  | | **Bullinidae** | |  | | |  | |  | |  |  |  |  |
| 749 | | *Bullinus sp.* | |  | | |  | |  | |  |  | x |  |
|  | | *Bulinus forskali* | |  | | | NE | |  | |  |  |  | X |
|  | | *FISH* | |  | | |  | |  | |  |  |  |  |
|  | | **CICHLIDAE** | |  | | |  | |  | |  |  |  |  |
| 750 | | *Oreochromis niloticus* | | *Tilapia* | | | LC | |  | |  |  |  | X |
|  | | **CYPRIDAE** | |  | | |  | |  | |  |  |  |  |
| 751 | | *Barbus neumayeri* | | *Cyprinid* | | | LC | |  | |  |  |  | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **COLEOPTERA** | |  | | |  | |  | |  |  |  |  |
|  | | **Cerambycidae** | |  | | |  | |  | |  |  |  |  |
| 752 | | *Blepisanis coerulea* | |  | | | NE | |  | |  |  |  | X |
|  | | **Chrysomelidae** | |  | | |  | |  | |  |  |  |  |
| 753 | | *Dactylispa sp.* | |  | | |  | |  | |  |  |  | X |
|  | |  | |  | | |  | |  | |  |  |  |  |
|  | | **HEMIPTERA** | |  | | |  | |  | |  |  |  |  |
|  | | **Pentatomidae** | |  | | |  | |  | |  |  |  |  |
| 754 | | *Deroplax siphoides* | |  | | | NE | |  | |  |  |  | x |
| 755 | | *Solenosthethium liligerum* | |  | | | NE | |  | |  |  |  | x |
| 756 | | *Callidea bohemanni* | |  | | | NE | |  | |  |  |  | x |
|  | | **TRICHOPTERA** | | Caddisflies | | |  | |  | |  |  |  |  |
|  | | **Hydrosychidae** | |  | | |  | |  | |  |  |  |  |
| 757 | | *Hydropsyche sp* | |  | | |  | |  | |  |  | X | X |
|  | | **PHYLUM** | |  | | |  | |  | |  |  |  |  |
|  | | **CLASS** | |  | | |  | |  | |  |  |  |  |
|  | | **ORDER** | |  | | |  | |  | |  |  |  |  |
|  | | **SUB ORDER** | |  | | |  | |  | |  |  |  |  |
|  | |  | |  |  | |  | |
| **IUCN RED LIST CATEGORIES** | | | |  |  | |  | |
|  | |  | |  |  | |  | |
| EW: Extinct in the Wild | | | |  |  | |  | |
| CR: Critically Endangered | | | |  |  | |  | |
| EN: Endangered | | | |  |  | |  | |
| VU: Vulnerable | | | |  |  | |  | |
| NT: Near Threatened | | | |  |  | |  | |
| LR: Low Risk | | | |  |  | |  | |
| LC: Least Concern | | | |  |  | |  | |
| DD: Data Deficient | | | |  |  | |  | |
| NE: Not Evaluated | | | |  |  | |  | |
| cd: conservation dependent | | | |  |  | |  | |
|  | | | | | | |  | |
|  | |  | |  |  | |  | |