## **Supplementary Information**

Birds and biogeography of Mt Mecula in Mozambique's Niassa National Reserve

Claire N Spottiswoode, Lincoln DC Fishpool and Julian L Bayliss Ostrich 2016. http://dx.doi.org/10.2989/00306525.2016.1206041

**Supplementary Information 1.** Satellite imagery of Mt Mecula, showing forest patches. Moist forest patches above 1 000 m altitude are encircled with white lines. Image © DigitalGlobe 2015.



**Supplementary Information 2**. Annotated list of bird species recorded on Mt Mecula. A total of 63 species was recorded. Those in bold (six species) are new to the Niassa National Reserve list (cf. Parker 2005). IUCN Red List Conservation Status shown as follows: EN = Endangered, VU = Vulnerable, NT = Near Threatened.

Hooded Vulture *Necrosyrtes monachus* (EN) – groups of six and two over mountain plateau

**Lappet-faced Vulture** *Aegypius tracheliotus* (VU) – two sitting on sand of dry river bed, affluent of the Lugenda, two over mountain

Brown Snake Eagle Circaetus cinereus- two over mountain, one near Lugenda River

Bateleur Terathopius ecaudatus (NT) – one over mountain

African Goshawk Accipiter tachiro – one heard, one seen on mountain

Augur Buzzard *Buteo augur* – seen on ca. 5 occasions over mountain

Martial Eagle *Polemaetus bellicosus* – at least one adults and one immature frequently seen over mountain

Peregrine Falco peregrinus – two together over mountain peak

Crested Guinea-fowl *Guttera edouardi* – three feathers found one forest patch, one sighting in another patch

Hildebrandt's Francolin *Pternistis hildebrandti*\_– seen on numerous occasions in rocky grassland above forest, but heard in or flushed from thick tall grassland on plateau

Tambourine Dove *Turtur tympanistra* – two caught in mist-nets and seen several times in forest

**Lemon Dove** *Aplopelia larvata* – one caught in mist-net in forest

- Purple-crested Turaco *Gallirex porphyreolophus* heard daily and seen twice in forest
- Wood Owl *Strix woodfordi* heard nightly in forest, also Mbatamila Park Headquarters
- Freckled Nightjar *Caprimulgus tristigma* heard nightly from forest and at Mbatamila Park Headquarters
- Green Woodhoopoe *Phoeniculus purpureus* heard in miombo woodland on mountain
- Crowned Hornbill *Tockus alboterminatus* seen and heard in forest patches on mountain
- Trumpeter Hornbill *Bycanistes bucinator* seen and heard in forest patches on mountain
- Green Tinkerbird Pogoniulus simplex heard once from forest edge at 1,300 m
- Yellow-fronted Tinkerbird *Pogoniulus chrysoconus* seen once on plateau and heard once in valley on mountain
- Golden-tailed Woodpecker *Campethera abingoni* one in miombo in valley on mountain
- Rock Martin *Ptyonoprogne fuligula* common around mountain peak and over rocks above forest
- Eastern Saw-wing *Psalidoprocne orientalis* several parties on forest edge and over plateau grassland
- Striped Pipit Anthus lineiventris one on rocks above forest
- Dark-capped Bulbul *Pycnonotus tricolor* commonest bird of plateau, including in open grassland with shrubs, up to 1,300 m

- **Grey-olive Greenbul** *Phyllastrephus cerviniventris* commonest (or at least most conspicuous) bird in the forest, several caught in mist-nets
- Yellow-bellied Greenbul *Chlorocichla flaviventris* common in forest, two caught in mist-nets
- White-browed Robin Chat *Cossypha heuglini* common and vocal in all forest patches. One caught in mist-net
- Bearded Scrub-Robin *Cercotrichas quadrivirgata* three caught in mist-nets in forest at 1,200 m
- Kurrichane Thrush *Turdus libonyanus* seen and heard in miombo woodland in mountain valley
- Mocking Cliff-chat *Thamnolaea cinnamomeiventris* at least two pairs on summit

Familiar Chat Cercomela familiaris - numerous on summit and in rocks above forest

- **Dark-capped Yellow Warbler** *Chloropeta natalensis* one seen at water seep above forest
- Lazy Cisticola *Cisticola aberrans* common on mountain, from top of miombo woodland to summit.
- Croaking Cisticola *Cisticola natalensis* heard once near stream below main forest patch
- Tawny-flanked Prinia *Prinia subflava* fairly common on plateau grassland up to 1,300 m
- Grey-backed Camaroptera Camaroptera brevicaudata fairly common in forest

Yellow-breasted Apalis Apalis flavida – common in all forest

Pale Batis Batis soror – heard in mountain valley

Black-throated Wattle-eye *Platysteira peltata* – heard, seen and one pair caught in mist-nets in forest

Arrow-marked Babbler *Turdoides jardineii* – a group seen and heard at forest edge
Yellow White-eye *Zosterops sengalensis* – heard once and seen once in forest at
1,200 m

Variable Sunbird *Cinnyris venustus* – abundant in montane grassland and forest edge

Collared Sunbird Hedydipna collaris – one pair at forest edge

Olive Sunbird *Cyanomitra olivacea* – one caught in mist-net and heard several times in forest

Scarlet-chested Sunbird *Chalcomitra senegalensis* – several seen in montane grassland

Tropical Boubou Laniarius aethiopicus – several seen and heard at forest edge

Black-backed Puffback Dryoscopus cubla – one pair seen and heard at forest edge

Black-crowned Tchagra Tchagra senegalus – heard in grassland/forest edge and in mountain valley

Brown-crowned Tchagra *Tchagra australis* – heard in grassland/forest edge and mountain valley

Fork-tailed Drongo *Dicrurus adsimilis* – one in miombo woodland in mountain valley

White-necked Raven *Corvus albicollis* – three seen together above mountain

Black-headed Oriole *Oriolus larvatus* – heard in miombo woodland on mountain slopes

Red-winged Starling *Onychognathus morio* – common on mountain Spectacled Weaver *Ploceus ocularis* – one seen at forest edge

- Forest Weaver *Ploceus bicolor* regularly heard, and one family party caught in mist-nets in forest
- Golden Weaver *Ploceus xanthops* one seen near stream in the valley east of Mt Mecula
- Red-collared Widow *Euplectes ardens* extremely common in montane grassland.

  Males in full breeding plumage; one bird with yellow, not red, coloration
- Common Waxbill *Estrilda astrild* several in montane grassland; also drinking / bathing at seep beside forest edge
- African Firefinch *Lagonosticta rubricata* at least one pair drinking / bathing at seep beside forest edge
- Red-backed Mannikin *Spermestes bicolor* a group drinking / bathing at seep beside forest edge; also seen in miombo woodland
- Yellow-fronted Canary *Crithagra mozambicus* fairly common in montane grassland and bush up to the summit
- Vincent's (Cape) Bunting *Emberiza (capensis) vincenti* seen twice on summit and among rocks above camp.