

## The discovery, biodiversity and conservation of Mabu forest—the largest medium altitude rainforest in southern Africa

JULIAN BAYLISS, JONATHAN TIMBERLAKE, WILLIAM BRANCH, CARL BRUESSOW, STEVE COLLINS, COLIN CONGDON, MICHAEL CURRAN, CAMILA DE SOUSA, ROBERT DOWSETT, FRANCOISE DOWSETT-LEMAIRE, LINCOLN FISHPOOL, TIMOTHY HARRIS, ERIC HERRMANN, STEPHEN GEORGIADIS, MIRJAM KOPP, BRUCE LIGGITT, ARA MONADJEM, HASSAM PATEL, DANIEL RIBEIRO, CLAIRE SPOTTISWOODE, PETER TAYLOR, SIMON WILLCOCK AND PAUL SMITH

SUPPLEMENTARY TABLE S1 Plant checklist for Mt Mabu above 800 m. The botany of Mabu was opportunistically investigated by H. Patel on several visits in December 2005 and January 2006 (Spottiswoode et al., 2008), and systematically surveyed in October 2008 (Dowsett-Lemaire & Dowsett, 2009; Timberlake et al., 2012). Plant identifications follow African Plants Database (2012) and were confirmed by J. Timberlake, T. Harris and F. Dowsett-Lemaire.

| Family (by group)     | Species                                                             | Life-form <sup>1</sup> | Habit <sup>2</sup>     | Records <sup>3</sup> |
|-----------------------|---------------------------------------------------------------------|------------------------|------------------------|----------------------|
| <b>Pteridophytes</b>  |                                                                     |                        |                        |                      |
| Aspleniaceae          | <i>Asplenium dregeanum</i> Kunze                                    | Herb                   | Medium-altitude forest | Specimen             |
|                       | <i>Asplenium erectum</i> (Willd.)                                   | Herb                   | Moist Forest           | Specimen             |
|                       | <i>Asplenium holstii</i> (Hieron)                                   | Herb                   | Forest                 | Specimen             |
| Cyatheaceae           | <i>Cyathea dregei</i> Kunze                                         | Shrub                  | Forest                 | Specimen             |
| Dennstaedtiaceae      | <i>Blotiella natalensis</i> (Hook.) Tryon                           | Herb                   | Forest                 | Specimen             |
| Lomariopsidaceae      | <i>Lomariopsis warneckei</i> (Hieron.) Alston                       | Climber/liana          | Forest                 | Specimen             |
| Marattiaceae          | <i>Marattia fraxinea</i> Sm. var. <i>salicifolia</i> (Schr.) C.Chr. | Herb                   | Forest                 | Specimen             |
| Polypodiaceae         | <i>Pleopeltis macrocarpa</i> (Willd.) Kaulf.                        | Herb                   | Forest                 | Specimen             |
| Pteridiaceae          | <i>Pteridium aquilinum</i> (L.) Kuhn ssp. <i>aquilinum</i>          | Herb                   | Transition woodland    | 2 Specimens          |
| <b>Gymnosperms</b>    |                                                                     |                        |                        |                      |
| Podocarpaceae         | <i>Podocarpus latifolius</i> (Thunb.) Mirb.                         | Tree                   | Moist forest           | Specimen             |
| <b>Monocotyledons</b> |                                                                     |                        |                        |                      |
| Aloaceae              | <i>Aloe arborescens</i> (Mill.)                                     | Shrub                  | Granitic dome          | Specimen             |
|                       | <i>Aloe</i> sp.                                                     | Herb                   | Granitic dome          | 2 Specimens          |
| Amaryllidaceae        | <i>Cryptostephanus vansonii</i> (I.Verd.)                           | Herb                   | Forest                 | Specimen             |
| Araceae               | <i>Culcasia falcifolia</i> (Engl.)                                  | Climber/liana          | Forest                 | 2 Specimens          |
| Arecaceae             | <i>Phoenix reclinata</i> (Jacq.)                                    | Tree                   | Forest, Woodland       | 2 Specimen           |
| Asparagaceae          | <i>Asparagus setaceus</i> (Kunth) Jessop                            | Climber/liana          | Forest                 | Specimen             |
| Behniaceae            | <i>Behnia reticulata</i> (Thunb.) Didr.                             | Climber/liana          | Moist forest           | Specimen             |
| Commelinaceae         | <i>Aneilema aequinoctiale</i> (P.Beauv.) Loudon                     | Herb                   | Forest                 | Specimen             |
|                       | <i>Commelina diffusa</i> (Burm.f.)                                  | Herb                   | Forest                 | Specimen             |
|                       | <i>Polia condensata</i> (C.B.Clarke)                                | Herb                   | Forest                 | Specimen             |
| Cyperaceae            | <i>Coleochloa setifera</i> (Ridl.) Gilly                            | Grass/sedge            | Granitic dome          | Specimen             |
|                       | <i>Cyperus fischerianus</i> (Schimp.)                               | Grass/sedge            | Granitic dome          | Specimen             |
|                       | <i>Cyperus</i> cf. <i>albostratus</i> (Schr.)                       | Grass/sedge            | Granitic dome          | Specimen             |
| Dracaenaceae          | <i>Dracaena fragrans</i> (Ker Gawl.)                                | Herb                   | Forest                 | Specimen             |
|                       | <i>Dracaena laxissima</i> (Engl.)                                   | Climber/liana          | Forest                 | Specimen             |
| Hyacinthaceae         | <i>Drimia calcarata</i> (Baker) Stedje                              | Herb                   | Granitic dome          | Specimen             |
| Hypoxidaceae          | <i>Hypoxis angustifolia</i> (Lam.)                                  | Herb                   | Granitic dome          | Specimen             |
| Orchidaceae           | <i>Angraecopsis parviflora</i> (Thours) Schltr.                     | Epiphyte               | Moist forest           | Specimen             |
|                       | <i>Bulbophyllum ballii</i> (P.J.Cribb)                              | Epiphyte               | Moist forest           | Specimen             |
|                       | <i>Bulbophyllum sandersonii</i> (Hook.f.) Rchb.f.                   | Epiphyte               | Forest                 | Specimen             |
|                       | <i>Liparis caespitosa</i> (Lam.) Lind.                              | Epiphyte               | Forest                 | Specimen             |

|                     |                                                                      |               |                      |             |
|---------------------|----------------------------------------------------------------------|---------------|----------------------|-------------|
|                     | <i>Polystachya fusiformis</i> (Thouars) Lindl.                       | Epiphyte      |                      | Specimen    |
|                     | <i>Polystachya malilaensis</i> (Schltr.)                             | Epiphyte      | Transition woodland  | Specimen    |
|                     | <i>Polystachya songaniensis</i> (G.Will.)                            | Epiphyte      | Granitic dome        | Specimen    |
|                     | <i>Polystachya transvaalensis</i> (Schltr.)                          | Epiphyte      | Moist forest         | Specimen    |
| Poaceae             | <i>Danthoniopsis</i> sp. (possibly)                                  | Grass/sedge   | Granitic dome        | 2 Specimens |
|                     | <i>Helictotrichon elongatum</i> (A.Rich.) C.E.Hubb.                  | Grass/sedge   | Granitic dome        | Specimen    |
|                     | <i>Leptaspis cochleata</i> (Thw.)                                    | Grass/sedge   | Forest               | Specimen    |
|                     | <i>Oreobambos buchwaldii</i> (K.Schum.)                              | Shrub         | Forest               | 2 Specimens |
|                     | <i>Oxytenanthera abyssinica</i> (A.Rich.) Munro                      | Shrub         | Transition woodland  | 2 Specimens |
|                     | <i>Panicum brevifolium</i> (L.)                                      | Grass/sedge   | Forest               | Specimen    |
| Smilacaceae         | <i>Smilax anceps</i> (Willd.)                                        | Climber/liana | Forest               | 2 Specimens |
| Xanthorrhoeaceae    | <i>Dianella ensifolia</i> (L.) DC.                                   | Herb          | Transition woodland  | Specimen    |
| Zingiberaceae       | <i>Aframomum albiflorum</i> (Lock)                                   | Herb          | Transition woodland  | Specimen    |
|                     | <i>Aframomum angustifolium</i> (Sonn.) K.Schum.                      | Herb          |                      | Specimen    |
| <b>Dicotyledons</b> |                                                                      |               |                      |             |
| Acanthaceae         | <i>Acanthus ueleensis</i> (De Wild.)                                 | Herb          | Forest               | Specimen    |
|                     | <i>Asystasia malawiana</i> (Brummitt & Chisumpa)                     | Herb          | Forest               | Specimen    |
|                     | <i>Brachystephanus africanus</i> (S.Moore)                           | Herb          | Forest               | Specimen    |
|                     | <i>Brillantaisia cicatricosa</i> (Lindau)                            | Herb          | Forest               | Specimen    |
|                     | <i>Dicliptera heterostegia</i> (Nees)                                | Herb          | Forest               | Specimen    |
|                     | <i>Hypoestes aristata</i> (Vahl.) Roem.& Schult.                     | Herb          | Forest               | Specimen    |
|                     | <i>Justicia asystasioides</i> (Lindau) M.E.Steiner                   | Shrub         | Forest               | Specimen    |
|                     | <i>Mimulopsis arborescens</i> (C.B.Clarke)                           | Herb          | Forest               | Specimen    |
|                     | <i>Mimulopsis solmsii</i> (Schweinf.)                                | Tree          | Forest               | 2 Specimens |
|                     | <i>Phaulopsis imbricata</i> (Forssk.) Sweet ssp. <i>imbricata</i>    | Herb          | Forest               | Specimen    |
|                     | <i>Pseuderanthemum subviscosum</i> (C.B.Clarke) Stapf                | Herb          | Forest               | Specimen    |
|                     | <i>Sclerochiton hirsutus</i> (Desc.)                                 | Shrub         | Forest               | Specimen    |
| Amaranthaceae       | <i>Achyranthes aspera</i> (L.) var. <i>pubescens</i> (Moq.) Townsend | Herb          | Forest               | Specimen    |
| Annonaceae          | <i>Annona senegalensis</i> (Pers.)                                   | Shrub         | Transition woodland  | Specimen    |
|                     | <i>Xylopia aethiopica</i> (Dunal) A.Rich.                            | Tree          | Forest, woodland     | Specimen    |
| Apocynaceae         | <i>Carissa bispinosa</i> (L.) Brenan                                 | Shrub         | Moist forest         | Specimen    |
|                     | <i>Carvalhoa campanulata</i> (K.Schum.)                              | Shrub         | Woodland, forest     | Specimen    |
|                     | <i>Dictyophleba lucida</i> (K.Schum.) Pierre                         | Climber/liana | Forest               | Specimen    |
|                     | <i>Funtumia africana</i> (Benth.) Stapf                              | Tree          | Forest               | Specimen    |
|                     | <i>Landolphia kirkii</i> (Hook.f.)                                   | Climber/liana | Forest               | Specimen    |
|                     | <i>Oncinotis tenuiloba</i> (Stapf)                                   | Climber/liana | Forest               | Specimen    |
|                     | <i>Rauvolfia caffra</i> (Sond.)                                      | Tree          | Forest               | Specimen    |
|                     | <i>Saba comorensis</i> (Bojer) Pichon                                | Climber/liana | Forest               | 2 Specimens |
|                     | <i>Tabernaemontana stapfiana</i> (Britten)                           | Tree          | Forest               | Specimen    |
|                     | <i>Tabernaemontana ventricosa</i> (A.DC.)                            | Tree          | Forest               | Specimen    |
| Araliaceae          | <i>Cussonia arborea</i> (A.Rich.)                                    | Tree          | Transition woodland  | 2 Specimens |
|                     | <i>Cussonia spicata</i> (Thunb.)                                     | Tree          | Moist forest         | Specimen    |
|                     | <i>Polyscias fulva</i> (Hiern) Harms                                 | Tree          | Forest, moist forest | 2 Specimens |
|                     | <i>Schefflera goetzenii</i> (Harms)                                  | Climber/liana | Moist forest         | Specimen    |

|                  |                                                                                                   |               |                         |             |
|------------------|---------------------------------------------------------------------------------------------------|---------------|-------------------------|-------------|
| Asclepiadaceae   | <i>Secamone alpini</i> (Schult.)                                                                  | Climber/liana | Granitic dome           | Specimen    |
|                  | <i>Tylophora</i> sp.                                                                              | Herb          | Moist forest            | Specimen    |
| Asteraceae       | <i>Adenostemma mauritianum</i> (DC.)                                                              | Herb          | Forest                  | Specimen    |
|                  | <i>Anisopappus chinensis</i> (L.) Hook.& Arn.<br>ssp. <i>buchwaldii</i> (O.Hoffm.) S.Ortiz, Paiva | Herb          | Granitic dome           | Specimen    |
|                  | <i>Bothriocline glomerata</i> (O.Hoffm.& Muschl.) C.Jeffrey                                       | Herb          | Forest                  | Specimen    |
|                  | <i>Aspilia kotschy</i> (Hochst.) Oliv. var. <i>kotschy</i>                                        | Herb          | Moist forest            | Specimen    |
|                  | <i>Helichrysum forskahlii</i> (J.F.Gmel.) Hilliard & B.L.Burt                                     | Herb          | Granitic dome           | Specimen    |
|                  | <i>Mikania chenopodifolia</i> (Willd.)                                                            | Herb          | Forest                  | Specimen    |
|                  | <i>Senecio peltophorus</i> (Brenan)                                                               | Herb          | Granitic dome           | Specimen    |
| Balsaminaceae    | <i>Impatiens wallerana</i> (Hook.f.)                                                              | Herb          | Forest                  | Specimen    |
|                  | <i>Impatiens zombensis</i> (Baker)                                                                | Herb          | Forest                  | Specimen    |
| Cactaceae        | <i>Rhipsalis baccifera</i> (J.Mill.) Stearn<br>ssp. <i>mauritiana</i> (DC.) Barthlott             | Epiphyte      | Forest                  | 2 Specimens |
| Campanulaceae    | <i>Lobelia trullifolia</i> (Hemsl.) ssp. <i>trullifolia</i>                                       | Herb          | Woodland, granitic dome | Specimen    |
| Cecropiaceae     | <i>Myrianthus holstii</i> (Engl.)                                                                 | Tree          | Forest                  | Specimen    |
| Celastraceae     | <i>Maytenus acuminata</i> (L.f.) Loes.                                                            | Shrub         | Forest                  | Specimen    |
|                  | <i>Maytenus undata</i> (Thunb.) Blakelock                                                         | Tree          | Forest, moist forest    | Specimen    |
|                  | <i>Mystroxydon aethiopicum</i> (Thunb.) Loes. (= <i>Cassine aethiopica</i> )                      | Tree          | Moist forest            | 2 Specimens |
| Chrysobalanaceae | <i>Maranthes goetzeniana</i> (Engl.) Prance                                                       | Tree          | Forest                  | Specimen    |
| Chrysobalanaceae | <i>Parinari excelsa</i> (Sabine)                                                                  | Tree          | Forest, woodland        | Specimen    |
| Clusiaceae       | <i>Garcinia kingaensis</i> (Engl.)                                                                | Tree          | Forest                  | Specimen    |
|                  | <i>Garcinia smeathmannii</i> (Planch & Triana) Oliv.                                              | Tree          | Forest                  | Specimen    |
|                  | <i>Harungana madagascariensis</i> (Poir.)                                                         | Shrub         | Woodland, forest        | 2 Specimens |
|                  | <i>Psorospermum febrifugum</i> (Spach)                                                            | Tree          | Transition woodland     | 2 Specimens |
| Combretaceae     | <i>Combretum paniculatum</i> (Vent.)                                                              | Climber/liana | Forest                  | 2 Specimens |
|                  | <i>Pteleopsis myrtifolia</i> (M.A.Lawson) Engl.& Diels                                            | Tree          | Woodland, forest        | 2 Specimens |
| Connaraceae      | <i>Agelaea pentagyna</i> (Lam.) Baill.                                                            | Climber/liana | Forest                  | 2 Specimens |
| Convolvulaceae   | <i>Ipomoea involucrata</i> (P.Beauv. )                                                            | Herb          | Granitic dome           | Specimen    |
|                  | <i>Ipomoea wightii</i> (Choisy)                                                                   | Herb          | Forest                  | Specimen    |
| Crassulaceae     | <i>Crassula globularioides</i> (Britten)                                                          | Herb          | Granitic dome           | Specimen    |
| Cucurbitaceae    | <i>Coccinia barteri</i> (Hook.f.) Keay                                                            | Climber/liana | Forest                  | Specimen    |
| Ebenaceae        | <i>Diospyros abyssinica</i> (Hiern) F.White ssp. <i>abyssinica</i>                                | Tree          | Forest, moist forest    | Specimen    |
|                  | <i>Diospyros whyteana</i> (Hiern) F.White                                                         | Tree          | Moist forest            | Specimen    |
| Erythroxylaceae  | <i>Erythroxylum emarginatum</i> (Thonn.)                                                          | Tree          | Forest, woodland        | Specimen    |
| Euphorbiaceae    | <i>Alchornea hirtella</i> Benth. forma <i>glabrata</i> (Müll.Arg.) Pax & K.Hoffm.                 | Shrub         | Forest                  | Specimen    |
|                  | <i>Antidesma vogelianum</i> (Müll.Arg.)                                                           | Shrub         | Forest                  | Specimen    |
|                  | <i>Bridelia micrantha</i> (Hochst.) Baill.                                                        | Tree          | Forest, woodland        | Specimen    |
|                  | <i>Croton sylvaticus</i> (C.Krauss)                                                               | Tree          | Moist forest            | Specimen    |
|                  | <i>Crotonogynopsis usambarica</i> (Pax)                                                           | Shrub         | Forest                  | Specimen    |
|                  | <i>Drypetes gerrardii</i> (Hutch.) var. <i>gerrardii</i>                                          | Tree          | Forest                  | Specimen    |
|                  | <i>Drypetes gerrardii</i> (Hutch.) var. <i>grandifolia</i> (Radcl.-Sm.)                           | Tree          | Forest                  | Specimen    |
|                  | <i>Drypetes natalensis</i> (Harv.) Hutch.                                                         | Tree          | Forest                  | Specimen    |

|                       |                                                                             |               |                         |             |
|-----------------------|-----------------------------------------------------------------------------|---------------|-------------------------|-------------|
|                       | <i>Erythrococca polyandra</i> (Pax & K.Hoffm.) Prain                        | Shrub         | Forest                  | Specimen    |
|                       | <i>Macaranga capensis</i> (Baill.) Sim                                      | Tree          | Woodland, forest        | Specimen    |
|                       | <i>Macaranga mellifera</i> (Prain)                                          | Tree          | Moist forest            | Specimen    |
|                       | <i>Phyllanthus nummulariifolius</i> (Poir.) var. <i>nummulariifolius</i>    | Shrub         | Forest, grasnitic dome  | Specimen    |
|                       | <i>Shirakiopsis elliptica</i> (Hochst.) Esser (= <i>Sapium ellipticum</i> ) | Tree          | Forest                  | Specimen    |
| Flacourtiaceae        | <i>Aphloia theiformis</i> (Vahl) Benn.                                      | Tree          | Moist forest            | Specimen    |
|                       | <i>Calancoba welwitschii</i> (Oliv.) Gilg                                   | Tree          | Forest                  | Specimen    |
|                       | <i>Dovyalis macrocalyx</i> (Oliv.) Warb.                                    | Tree          | Forest, moist forest    | Specimen    |
|                       | <i>Rawsonia lucida</i> (Harv. & Sond.)                                      | Tree          | Forest                  | Specimen    |
| Gesneriaceae          | <i>Streptocarpus goetzei</i> (Engl.)                                        | Herb          | Forest                  | Specimen    |
| Icacinaceae           | <i>Apodytes dimidiata</i> (Arn.)                                            | Tree          | Moist forest            | Specimen    |
|                       | <i>Pyrenacantha kirkii</i> (Baill.)                                         | Climber/liana | Forest                  | Specimen    |
| Lamiaceae             | <i>Achyrospermum carvalhi</i> (Gürke)                                       | Shrub         | Forest                  | Specimen    |
|                       | <i>Aeollanthus buchnerianus</i> (Briq.)                                     | Herb          | Granitic dome           | Specimen    |
|                       | <i>Plectranthus melleri</i> (Baker)                                         | Herb          | Moist forest            | Specimen    |
|                       | <i>Plectranthus sanguineus</i> (Britten)                                    | Herb          | Granitic dome           | Specimen    |
|                       | <i>Plectranthus stenosiphon</i> (Baker)                                     | Herb          | ?                       | Specimen    |
|                       | <i>Tetradenia riparia</i> (Hochst.) Codd                                    | Shrub         | Granitic dome           | 2 Specimens |
|                       | <i>Vitex buchananii</i> (Gürke)                                             | Tree          | Forest                  | Specimen    |
|                       | <i>Vitex doniana</i> (Sweet)                                                | Tree          | Transition woodland     | Specimen    |
|                       | <i>Cryptocarya liebertiana</i> (Engl.)                                      | Tree          | Forest, moist forest    | Specimen    |
| Leg: Caesalpinioideae | <i>Cassia angolensis</i> (Hiern)                                            | Tree          | Forest                  | Specimen    |
|                       | <i>Erythrophleum suaveolens</i> (Guill. & Perr.) Brenan                     | Tree          | Forest                  | 2 Specimens |
| Leg: Mimosoideae      | <i>Acacia pentagona</i> (Schumach.) Hook f.                                 | Climber/liana | Forest                  | Specimen    |
|                       | <i>Albizia adianthifolia</i> (Schumach.) W.F.Wight                          | Tree          | Forest                  | Specimen    |
|                       | <i>Albizia gummifera</i> (J.F.Gmel.) C.A.Sm.                                | Tree          | Forest                  | Specimen    |
|                       | <i>Newtonia buchananii</i> (Baker) G.C.C.Gilbert & Boutique                 | Tree          | Forest                  | 2 Specimens |
| Leg: Papilionoideae   | <i>Aeschynomene nodulosa</i> (Baker) Baker var. <i>nodulosa</i>             | Shrub         | Woodland, granitic dome | Specimen    |
|                       | <i>Craibia brevicaudata</i> (Valke) Dunn                                    | Tree          | Forest                  | Specimen    |
|                       | ssp. <i>baptistarum</i> (Buttner) J.B.Gillett                               |               |                         |             |
|                       | <i>Dalbergia boehmii</i> (Taub.)                                            | Tree          | Transition woodland     | Specimen    |
|                       | <i>Dalbergia lactea</i> (Vatke)                                             | Climber/liana | Forest                  | 2 Specimens |
|                       | <i>Eriosema parviflorum</i> (E.Mey.)                                        | Herb          | Transition woodland     | Specimen    |
|                       | <i>Erythrina livingstoniana</i> (Baker)                                     | Tree          |                         | Specimen    |
|                       | <i>Indigofera lyallii</i> (Baker) ssp. <i>nyassica</i> (J.B.Gillett)        | Shrub         | Forest                  | Specimen    |
|                       | <i>Kotschy recurvifolia</i> (Taub.) F.White                                 | Shrub         | Granitic dome           | Specimen    |
|                       | <i>Millettia lasiantha</i> (Dunn)                                           | Climber/liana | Forest                  | Specimen    |
|                       | <i>Mundulea sericea</i> (Willd.) A.Chev.                                    | Shrub         | Forest                  | Specimen    |
|                       | <i>Pericopsis angolensis</i> (Baker) Meeuwen                                | Tree          | Transition woodland     | 2 Specimens |
|                       | <i>Pterocarpus angolensis</i> (DC.)                                         | Tree          | Transition woodland     | 2 Specimens |
| Loganiaceae           | <i>Anthocleista grandiflora</i> (Gilg)                                      | Tree          | Forest                  | 2 Specimens |
|                       | <i>Mostuea brunonis</i> (Didr.) var. <i>brunonis</i>                        | Shrub         | Forest                  | Specimen    |
|                       | <i>Nuxia congesta</i> (Fresen.)                                             | Tree          | Moist forest            | 2 Specimens |

|                 |                                                                                      |               |                     |             |
|-----------------|--------------------------------------------------------------------------------------|---------------|---------------------|-------------|
|                 | <i>Strychnos cf. mitis</i> (S.Moore)                                                 | Tree          | Forest              | Specimen    |
| Loranthaceae    | <i>Agelanthus zizyphifolius</i> (Engl.) Polhill & Wiens                              | Epiphyte      | Moist forest        | Specimen    |
|                 | ssp. <i>vittalius</i> (Engl.) Polhill & Wiens                                        |               |                     |             |
|                 | <i>Erianthemum dregei</i> (Eckl. & Zeyh.) Tiegh.                                     | Epiphyte      | Moist forest        | Specimen    |
|                 | <i>Helixanthera schizocalyx</i> (T.Harris, I.Darbysh. & Polhill)                     | Epiphyte      | Moist forest        | Specimen    |
| Melastomataceae | <i>Dissotis</i> sp.                                                                  | Shrub         | Granitic dome       | 2 Specimens |
|                 | <i>Memecylon sansibaricum</i> (Taub.)                                                | Tree          | Forest              | Specimen    |
|                 | <i>Memecylon</i> sp. – unmatched @ K                                                 | Shrub         | Forest              | Specimen    |
| Meliaceae       | <i>Khaya anthotheca</i> (Welw.) C.DC.                                                | Tree          | Forest              | Specimen    |
| Meliantaceae    | <i>Bersama abyssinica</i> (Fresen.)                                                  | Tree          | Forest              | 2 Specimens |
| Molluginaceae   | <i>Corrigiola drymerioides</i> (Baker f.)                                            | Herb          | Granitic dome       | Specimen    |
| Monimiaceae     | <i>Xymalos monospora</i> (Harv.) Warb.                                               | Tree          | Moist forest        | Specimen    |
| Moraceae        | <i>Ficus sansibarica</i> (Warb.)                                                     | Tree          | Forest              | 2 Specimens |
|                 | <i>Ficus scassellatii</i> (Pamp.)                                                    | Tree          | Moist forest        | 2 Specimens |
|                 | <i>Ficus thonningii sensu</i> (White)                                                | Tree          | Forest              | 2 Specimens |
|                 | <i>Trilepisium madagascariense</i> (DC.)                                             | Tree          | Forest              | Specimen    |
| Myrothamnaceae  | <i>Myrothamnus flabellifolius</i> (Welw.)                                            | Shrub         | Granitic dome       | Specimen    |
| Myrsinaceae     | <i>Maesa lanceolata</i> (Forssk.)                                                    | Tree          | Moist forest        | 2 Specimens |
|                 | <i>Myrsine africana</i> (L.)                                                         | Shrub         | Granitic dome       | Specimen    |
|                 | <i>Rapanea melanophloeos</i> (L.) Mez                                                | Tree          | Moist forest        | Specimen    |
| Myrtaceae       | <i>Eugenia capensis</i> (Eckl. & Zeyh.) Sond. ssp. <i>gracilipes</i> F.White         | Tree          | Forest              | Specimen    |
|                 | <i>Eugenia capensis</i> (Eckl. & Zeyh.) Sond. ssp. <i>nyassensis</i> (Engl.) F.White | Tree          | Moist forest        | Specimen    |
|                 | <i>Syzygium cordatum</i> (Krauss)                                                    | Tree          | Woodland, forest    | Specimen    |
|                 | <i>Syzygium guineense</i> (Willd.) DC. ssp. <i>afromontanum</i> (F.White)            | Tree          | Moist forest        | 2 Specimens |
| Ochnaceae       | <i>Ochna holstii</i> (Engl.)                                                         | Tree          | Moist forest        | 2 Specimens |
| Olacaceae       | <i>Strombosia scheffleri</i> (Engl.)                                                 | Tree          | Forest              | Specimen    |
| Oleaceae        | <i>Chionanthus foveolatus</i> (E.Mey.) Stearn                                        | Tree          | Forest              | Specimen    |
|                 | <i>Jasminum brachyscyphum</i> (Baker)                                                | Climber/liana | Moist forest        | Specimen    |
|                 | <i>Olea capensis</i> (L.)                                                            | Tree          | Moist forest        | Specimen    |
| Piperaceae      | <i>Piper capense</i> (L.) f. var. <i>capense</i>                                     | Herb          | Forest              | Specimen    |
| Pittosporaceae  | <i>Pittosporum viridiflorum</i> (Sims)                                               | Tree          | Moist forest        | Specimen    |
| Polygalaceae    | <i>Securidaca longipedunculata</i> (Fresen.)                                         | Tree          | Transition woodland | Specimen    |
| Proteaceae      | <i>Faurea racemosa</i> (Farmar)                                                      | Tree          | Moist forest        | Specimen    |
|                 | <i>Protea cf. caffra</i> (Meisn.)                                                    | Shrub         | Transition woodland | Specimen    |
| Rhamnaceae      | <i>Lasiodiscus usambarensis</i> (Engl.)                                              | Tree          | Forest              | Specimen    |
| Rhizophoraceae  | <i>Cassipourea malosana</i> (Baker) Alston                                           | Tree          | Moist forest        | 2 Specimens |
| Rosaceae        | <i>Prunus africana</i> (Hook.f.) Kalkman                                             | Tree          | Moist forest        | 2 Specimens |
|                 | <i>Rubus pinnatus</i> (Willd.)                                                       | Shrub         | Forest              | Specimen    |
| Rubiaceae       | <i>Aidia micrantha</i> (K.Schum.) F.White var. <i>msonju</i> (K.Krause) Petit        | Tree          | Forest              | Specimen    |
|                 | <i>Canthium</i> sp.                                                                  | Tree          | Forest              | Specimen    |
|                 | <i>Chassalia parvifolia</i> (K.Schum.)                                               | Shrub         | Forest              | Specimen    |
|                 | <i>Coffea mufindiensis</i> (Bridson) ssp. <i>australis</i> (Bridson)                 | Shrub         | Forest              | Specimen    |
|                 | <i>Craterispermum schweinfurthii</i> (Hiern) (= <i>C. laurinum</i> )                 | Shrub         | Forest              | Specimen    |

|                  |                                                                             |               |                      |             |
|------------------|-----------------------------------------------------------------------------|---------------|----------------------|-------------|
|                  | <i>Didymosalpinx norae</i> (Swynn.) Keay                                    | Shrub         | ?                    | Specimen    |
|                  | <i>Heinsenian diervilleoides</i> (K.Schum.)<br>ssp. <i>diervilleoides</i>   | Tree          | Forest               | Specimen    |
|                  | <i>Ixora scheffleri</i> (K.Schum. & K.Krause)                               | Shrub         | Moist forest         | Specimen    |
|                  | <i>Keetia gueinzii</i> (Sond.) Bridson (= <i>Canthium gueinzii</i> )        | Climber/liana | Moist forest         | Specimen    |
|                  | <i>Lasianthus kilimandscharicus</i> (K.Schum.)                              | Shrub         | Moist forest         | Specimen    |
|                  | <i>Oxyanthus goetzei</i> (K.Schum.)                                         | Shrub         | Forest               | Specimen    |
|                  | <i>Oxyanthus speciosus</i> (DC.) ssp. <i>stenocarpus</i> (K.Schum.) Bridson | Tree          | Forest               | Specimen    |
|                  | <i>Pauridiantha symplocoides</i> (S.Moore) Bremek.                          | Shrub         | Moist forest         | Specimen    |
|                  | <i>Pavetta gurueënsis</i> (Bridson)                                         | Shrub         | Moist forest         | Specimen    |
|                  | <i>Pavetta</i> sp.                                                          | Herb          | Forest               | Specimen    |
|                  | <i>Polysphaeria lanceolata</i> (Hiern)                                      | Shrub         | Forest, moist forest | Specimen    |
|                  | <i>Psychotria ealaensis</i> (De Wild.)                                      | Climber/liana | Moist forest         | Specimen    |
|                  | <i>Psychotria zombamontana</i> (Kuntze) Petit                               | Shrub         | Moist forest         | Specimen    |
|                  | <i>Rothmannia manganjae</i> (Hiern) Keay                                    | Tree          | Woodland, forest     | Specimen    |
|                  | <i>Rutidea orientalis</i> (Bridson)                                         | Climber/liana | Moist forest         | Specimen    |
|                  | <i>Rytigynia</i> sp.                                                        | Tree          | Forest               | Specimen    |
|                  | <i>Rytigynia uhligii</i> (K.Schum. & K.Krause) Verdc.                       | Shrub         | Moist forest         | Specimen    |
|                  | <i>Tricalysia acocantheroides</i> (K.Schum.)                                | Shrub         | Moist forest         | Specimen    |
|                  | <i>Tricalysia pallens</i> (Hiern)                                           | Tree          | Forest               | Specimen    |
| Rutaceae         | <i>Toddalia asiatica</i> (L.) Lam.                                          | Climber/liana | Moist forest         | 2 Specimens |
|                  | <i>Vepris</i> cf. <i>amaniensis</i> (Engl.) Mziray                          | Shrub         | Moist forest         | 1           |
|                  | <i>Vepris nobilis</i> (Delile) Mziray                                       | Tree          | Forest, moist forest | Specimen    |
|                  | <i>Vepris</i> sp. nov. near <i>V. bachmannii</i>                            | Tree          | Forest               | Specimen    |
|                  | <i>Zanthoxylum gillettii</i> (De Wild.) P.G. Waterman                       | Tree          | Forest               | Specimen    |
| Sapindaceae      | <i>Allophylus chaunostachys</i> (Gilg)                                      | Shrub         | Forest               | Specimen    |
|                  | <i>Aporrhiza paniculata</i> (Radkl.) (= <i>A. nitida</i> )                  | Tree          | Forest               | Specimen    |
|                  | <i>Blighia unijugata</i> (Baker)                                            | Tree          | Forest               | Specimen    |
|                  | <i>Haplocoelum foliolosum</i> (Hiern) Bullock                               | Tree          | Forest               | Specimen    |
| Sapotaceae       | <i>Chrysophyllum gorungosanum</i> (Engl.)                                   | Tree          | Forest               | 2 Specimens |
|                  | <i>Englerophytum magalismontanum</i> (Sond.) T.D. Penn.                     | Tree          | Forest, moist forest | Specimen    |
|                  | <i>Synsepalum brevipes</i> (Baker f.) T.D. Penn.                            | Tree          | Forest               | Specimen    |
|                  | <i>Synsepalum cerasiferum</i> (Welw.) T.D. Penn.                            | Shrub         | Forest, woodland     | Specimen    |
|                  | <i>Synsepalum muelleri</i> (Kupicha) T.D. Penn.                             | Tree          | Forest               | Specimen    |
| Scrophulariaceae | <i>Halleria lucida</i> (L.)                                                 | Shrub         | Granitic dome        | Specimen    |
| Solanaceae       | <i>Solanum richardii</i> (Dunal) var. <i>richardii</i>                      | Herb          | Granitic dome        | Specimen    |
| Sterculiaceae    | <i>Cola greenwayi</i> (Brenan)                                              | Tree          | Forest               | Specimen    |
| Thymelaeaceae    | <i>Peddiea fischeri</i> (Engl.)                                             | Tree          | Forest               | Specimen    |
| Ulmaceae         | <i>Celtis gomphophylla</i> (Baker)                                          | Tree          | Forest               | 2 Specimens |
|                  | <i>Trema orientalis</i> (L.) Blume                                          | Tree          | Woodland, forest     | Specimen    |
| Urticaceae       | <i>Laportea mooreana</i> (Hiern) Chew                                       | Herb          | Forest               | Specimen    |
|                  | <i>Procris crenata</i> (C.B. Rob.)                                          | Climber/liana | Forest               | Specimen    |
|                  | <i>Urera trinervis</i> (Hochst.) Friis & Immelman                           | Climber/liana | Forest               | 2 Specimens |
| Verbenaceae      | <i>Cleodendrum cephalanthum</i> (Oliv.) ssp.                                | Shrub         | Moist forest         | Specimen    |

|           |                                               |               |                      |          |
|-----------|-----------------------------------------------|---------------|----------------------|----------|
|           | <i>swynnertonii</i> (S.Moore) Verdc.          |               |                      |          |
| Violaceae | <i>Rinorea angustifolia</i> (Thouars) Baill.  | Shrub         | Forest, moist forest | Specimen |
|           | <i>Rinorea ferruginea</i> (Engl.)             | Tree          | Forest               | Specimen |
| Viscaceae | <i>Viscum cylindricum</i> (Polhill & Wiens)   | Epiphyte      | Moist forest         | Specimen |
|           | <i>Viscum triflorum</i> (DC.)                 | Epiphyte      | Moist forest         | Specimen |
| Vitaceae  | <i>Cissus cornifolia</i> (Baker) Planch.      | Climber/liana | Forest               | Specimen |
|           | <i>Cissus petiolata</i> (Hook.f.)             | Climber/liana | Forest               | Specimen |
|           | <i>Cyphostemma adenocaula</i> (A.Rich.) Desc. | Climber/liana | Forest               | Specimen |

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SUPPLEMENTARY TABLE S2 Bird checklist for Mount Mabu. The bird fauna of Mabu was surveyed by C. Spottiswoode and E. Herrmann in December 2005 (Spottiswoode et al., 2008), and by F. Dowsett-Lemaire, R.J. Dowsett and L.D.C. Fishpool in October 2008 (Dowsett-Lemaire, 2010). For identifications see Dowsett-Lemaire & Dowsett (2006).

| Family       | Species                                                                                | Habitat <sup>1</sup>           | Altitudinal limits <sup>1</sup> | Status <sup>2</sup> |
|--------------|----------------------------------------------------------------------------------------|--------------------------------|---------------------------------|---------------------|
| Accipitridae | African cuckoo hawk <i>Aviceda cuculoides</i>                                          | Forest, woodland               | Low                             | Rare or vagrant     |
|              | European honey buzzard <i>Pernis apivorus</i>                                          | Forest                         | Low                             | Rare or vagrant     |
|              | Palm-nut vulture <i>Gypohierax angolensis</i>                                          | Forest                         | High                            | Rare or vagrant     |
|              | Brown snake eagle <i>Circaetus cinereus</i>                                            | Forest, woodland               | Low                             | Fairly frequent     |
|              | Southern banded snake eagle <i>Circaetus fasciolatus</i>                               | Forest, woodland               | Low–high                        | Fairly frequent     |
|              | African harrier hawk <i>Polyboroides typus</i>                                         | Forest, woodland               | Low–high                        | Fairly frequent     |
|              | African goshawk <i>Accipiter tachiro</i>                                               | Forest                         | Low–high                        | Common              |
|              | Lizard buzzard <i>Kaupifalco monogrammicus</i>                                         | Transition woodland            | Low                             | Rare or vagrant     |
|              | Common buzzard <i>Buteo buteo</i>                                                      | Transition woodland            | Low                             | Rare or vagrant     |
|              | *Augur buzzard <i>Buteo augur</i> (spotted by L.D.C. Fishpool)                         | Transition woodland            | Low                             | Rare or vagrant     |
|              | Lesser spotted eagle <i>Aquila pomarina</i>                                            | Forest, granitic dome          | High                            | Rare or vagrant     |
|              | Ayres's hawk eagle <i>Hieraaetus ayresii</i>                                           | Forest, woodland               | Low                             | Few records         |
|              | Crowned eagle <i>Stephanoaetus coronatus</i>                                           | Forest                         | Medium–high                     | Common              |
| Falconidae   | Peregrine falcon <i>Falco peregrinus</i>                                               | Granitic dome                  | High                            | Fairly frequent     |
| Phasianidae  | Hildebrandt's francolin <i>Francolinus hildebrandti</i>                                | Forest edge, grassland & scrub | Low–high                        | Fairly frequent     |
|              | Red-necked spurfowl <i>Francolinus afer</i>                                            | Grassland & scrub              | Low                             | Fairly frequent     |
| Numididae    | *Crested guineafowl <i>Guttera pucherani</i> (spotted by hunter Ofelio Kavaliyawo)     | Forest                         | Low                             | Rare or vagrant     |
| Columbidae   | Rameron pigeon <i>Columba arquatrix</i>                                                | Forest                         | High                            | Common              |
|              | Eastern bronze-naped pigeon <i>Columba delegorguei</i>                                 | Forest                         | Medium                          | Common              |
|              | Lemon dove <i>Aplopelia larvata</i>                                                    | Forest                         | High                            | Common              |
|              | Blue-spotted wood dove <i>Turtur afer</i>                                              | Forest, woodland               | Low                             | Fairly frequent     |
| Psittacidae  | Tambourine dove <i>Turtur tympanistria</i>                                             | Forest                         | Low–high                        | Common              |
|              | *Brown-necked parrot <i>Poicephalus robustus</i> (spotted by hunter Ofelio Kavaliyawo) | Forest & woodland              | Low–high                        | Few records         |
| Musophagidae | Livingstone's turaco <i>Tauraco livingstonii</i>                                       | Forest                         | Low–high                        | Common              |
| Cuculidae    | Red-chested cuckoo <i>Cuculus solitarius</i>                                           | Forest, woodland               | Low                             | Rare or vagrant     |
|              | African emerald cuckoo <i>Chrysococcyx cupreus</i>                                     | Forest                         | Low                             | Rare or vagrant     |
|              | Klaas's cuckoo <i>Chrysococcyx klaas</i>                                               | Forest, woodland               | Low                             | Fairly frequent     |
|              | Yellowbill <i>Ceuthmochares aereus</i>                                                 | Forest                         | Low                             | Rare or vagrant     |
|              | Burchell's coucal <i>Centropus superciliosus</i>                                       | Forest edge, grassland & scrub | Low–medium                      | Common              |
|              |                                                                                        |                                |                                 |                     |
| Tytonidae    | Barn owl <i>Tyto alba</i>                                                              | Woodland, commensal            | Low                             | Few records         |

|               |                                                                 |                                    |             |                 |
|---------------|-----------------------------------------------------------------|------------------------------------|-------------|-----------------|
| Strigidae     | Spotted eagle owl <i>Bubo africanus</i>                         | (tea house)<br>Woodland, commensal | Low         | Few records     |
| Apodidae      | African wood owl <i>Strix woodfordii</i>                        | Forest                             | Low–high    | Common          |
|               | African palm swift <i>Cypsiurus parvus</i>                      | Transition woodland                | Low         | Few records     |
|               | Common swift <i>Apus apus</i>                                   | Transition woodland                | Low         | Rare or vagrant |
|               | White-rumped swift <i>Apus caffer</i>                           | Woodland, commensal                | Low         | Few records     |
| Trogonidae    | Mottled swift <i>Tachymarptis aequatorialis</i>                 | Granitic dome                      | Low–high    | Fairly frequent |
|               | Alpine swift <i>Tachymarptis melba</i>                          | Granitic dome                      | High        | Few records     |
|               | Narina's trogon <i>Apaloderma narina</i>                        | Forest                             | Low–medium  | Common          |
| Alcedinidae   | Bar-tailed trogon <i>Apaloderma vittatum</i>                    | Forest                             | High        | Common          |
|               | African pygmy kingfisher <i>Ceyx pictus</i>                     | Forest edge                        | Low         | Fairly frequent |
|               | Grey-headed kingfisher <i>Halcyon leucocephala</i>              | Transition woodland                | Low         | Rare or vagrant |
| Meropidae     | Little bee-eater <i>Merops pusillus</i>                         | Grassland & scrub                  | Low         | Rare or vagrant |
|               | Madagascar bee-eater <i>Merops superciliosus</i>                | Transition woodland                | Low         | Few records     |
|               | Eurasian bee-eater <i>Merops apiaster</i>                       | Forest, woodland                   | Low–high    | Fairly frequent |
| Coraciidae    | Broad-billed roller <i>Eurystomus glaucurus</i>                 | Transition woodland                | Low         | Few records     |
| Bucerotidae   | Crowned hornbill <i>Tockus alboterminatus</i>                   | Forest, woodland                   | Low         | Few records     |
| Lybiidae      | Silvery-cheeked hornbill <i>Bycanistes brevis</i>               | Forest                             | Low–high    | Common          |
|               | White-eared barbet <i>Stactolaema leucotis</i>                  | Forest                             | Low–medium  | Few records     |
|               | Green barbet <i>Stactolaema olivacea</i>                        | Forest                             | Low–high    | Common          |
|               | Yellow-rumped tinkerbird <i>Pogoniulus bilineatus</i>           | Forest, woodland                   | Low–high    | Common          |
| Indicatoridae | Scaly-throated honeyguide <i>Indicator variegatus</i>           | Forest, woodland                   | Low–medium  | Fairly frequent |
|               | Lesser honeyguide <i>Indicator minor</i>                        | Forest                             | Low         | Few records     |
|               | Pallid honeyguide <i>Indicator meliphilus</i>                   | Forest                             | Low–medium  | Few records     |
| Picidae       | Golden-tailed woodpecker <i>Campethera abingoni</i>             | Forest                             | Medium–high | Few records     |
|               | Cardinal woodpecker <i>Dendropicos fuscescens</i>               | Woodland, forest                   | Low         | Few records     |
| Eurylaimidae  | African broadbill <i>Smithornis capensis</i>                    | Forest                             | Low         | Fairly frequent |
| Hirundinidae  | Black saw-wing <i>Psalidoprocne pristoptera</i>                 | Forest edge                        | Low–medium  | Fairly frequent |
|               | Lesser striped swallow <i>Cecropis abyssinica</i>               | Woodland, commensal                | Low         | Fairly frequent |
|               | Barn swallow <i>Hirundo rustica</i>                             | Woodland, forest                   | Low–high    | Fairly frequent |
|               | Eurasian house martin <i>Delichon urbicum</i>                   | Granitic dome, woodland            | Low–high    | Fairly frequent |
| Motacillidae  | *Mountain wagtail <i>Motacilla clara</i> (spotted by M. Curran) | Granitic dome & forest             | Low         | Few records     |
|               | Striped pipit <i>Anthus lineiventris</i>                        | Granitic dome, grassland & scrub   | High        | Few records     |
| Campephagidae | Grey cuckooshrike <i>Coracina caesia</i>                        | Forest                             | Medium      | Fairly frequent |

|               |                                                                                        |                                    |             |                 |
|---------------|----------------------------------------------------------------------------------------|------------------------------------|-------------|-----------------|
| Pycnonotidae  | Stripe-cheeked greenbul <i>Andropadus milanjensis</i>                                  | Forest                             | Medium–high | Common          |
|               | Little greenbul <i>Andropadus virens</i>                                               | Forest                             | Low–high    | Common          |
|               | *Yellow-bellied greenbul <i>Chlorocichla flaviventris</i> (spotted by C. Spottiswoode) | Forest                             | Low         | Few records     |
|               | Grey-olive greenbul <i>Phyllastrephus cerviniventris</i>                               | Forest                             | Low         | Fairly frequent |
|               | Cabanis’s greenbul <i>Phyllastrephus cabanisi</i>                                      | Forest                             | Low–high    | Common          |
|               | Yellow-streaked greenbul <i>Phyllastrephus flavostriatus</i>                           | Forest                             | Low–high    | Common          |
|               | Common bulbul <i>Pycnonotus barbatus</i>                                               | Woodland, forest edge              | Low–high    | Common          |
|               | Eastern nicator <i>Nicator gularis</i>                                                 | Forest                             | Low–medium  | Common          |
|               | White-starred robin <i>Pogonocichla stellata</i>                                       | Forest                             | High        | Common          |
|               | Swynnerton’s robin <i>Swynnertonia swynnertoni</i>                                     | Forest                             | High        | Fairly frequent |
| Turdidae      | East Coast akalat <i>Sheppardia gunningi</i>                                           | Forest                             | Low–medium  | Common          |
|               | Cape robin chat <i>Cossypha caffra</i>                                                 | Grassland & scrub, & forest edge   | High        | Fairly frequent |
|               | Red-capped robin chat <i>Cossypha natalensis</i>                                       | Forest                             | Low–high    | Common          |
|               | Eastern bearded scrub robin <i>Cercotrichas quadrivirgata</i>                          | Forest                             | Low         | Common          |
|               | White-browed scrub robin <i>Cercotrichas leucophrys</i>                                | Transition woodland                | Low         | Few records     |
|               | Cholo alethe <i>Alethe choloensis</i>                                                  | Forest                             | Medium–high | Common          |
|               | Spotted ground thrush <i>Zoothera guttata</i>                                          | Forest                             | Medium      | Rare or vagrant |
|               | Kurrichane thrush <i>Turdus libonyanus</i>                                             | Transition woodland                | Low         | Rare or vagrant |
|               | Red-faced crombec <i>Sylvietta whytii</i>                                              | Woodland, forest edge              | Low         | Fairly frequent |
|               | Yellow-throated warbler <i>Phylloscopus ruficapilla</i>                                | Forest                             | Medium–high | Common          |
| Cisticolidae  | Garden warbler <i>Sylvia borin</i>                                                     | Forest                             | Low         | Rare or vagrant |
|               | Wailing cisticola <i>Cisticola lais</i>                                                | Grassland & scrub, & granitic dome | High        | Common          |
|               | Red-faced cisticola <i>Cisticola erythrops</i>                                         | Grassland & scrub                  | Low         | Fairly frequent |
|               | Tawny-flanked prinia <i>Prinia subflava</i>                                            | Grassland & scrub                  | Low         | Fairly frequent |
|               | Red-winged warbler <i>Heliolais erythropterus</i>                                      | Grassland & scrub                  | Low         | Few records     |
|               | Yellow-breasted apalis <i>Apalis flavida</i>                                           | Forest                             | Low         | Fairly frequent |
|               | Namuli apalis <i>Apalis (thoracica) lynesii</i>                                        | Forest                             | High        | Rare or vagrant |
|               | Black-headed apalis <i>Apalis melanocephala</i>                                        | Forest                             | Low–high    | Common          |
|               | Grey-backed camaroptera <i>Camaroptera brachyuran</i>                                  | Woodland, forest                   | Low–medium  | Common          |
|               | *Spotted flycatcher <i>Muscicapa striata</i> (spotted by C. Spottiswoode)              | Transition woodland                | Low         | Few records     |
| Muscicapidae  | Ashy flycatcher <i>Muscicapa caerulescens</i>                                          | Woodland, forest edge              | Low         | Common          |
|               | Lead-coloured flycatcher <i>Myioparus plumbeus</i>                                     | Woodland, forest                   | Low–medium  | Fairly common   |
|               | Cape (Malaŵi) batis <i>Batis capensis dimorpha</i>                                     | Forest                             | High        | Few records     |
| Platyteiridae | Mozambique batis <i>Batis soror</i>                                                    | Woodland,                          | Low–        | Fairly frequent |

|               |                                                                            |                             |                      |                 |
|---------------|----------------------------------------------------------------------------|-----------------------------|----------------------|-----------------|
| Monarchidae   | Blue-mantled flycatcher <i>Trochocercus cyanomelas</i>                     | forest edge<br>Forest       | medium<br>Low–medium | Common          |
|               | African paradise flycatcher <i>Terpsiphone viridis</i>                     | Forest                      | Medium               | Few records     |
| Timaliidae    | Dapple-throat <i>Modulatrix orostruthus</i>                                | Forest                      | High                 | Rare or vagrant |
| Paridae       | Rufous-bellied tit <i>Parus rufiventris</i>                                | Transition woodland         | Low                  | Rare or vagrant |
| Nectariniidae | Violet-backed sunbird <i>Anthreptes longuemareii</i>                       | Forest                      | Low                  | Rare or vagrant |
|               | Collared sunbird <i>Hedydipna collaris</i>                                 | Forest                      | Low                  | Common          |
|               | Olive sunbird <i>Cyanomitra olivacea</i>                                   | Forest                      | Low–high             | Common          |
|               | Amethyst sunbird <i>Chalcomitra amethystine</i>                            | Transition woodland         | Low                  | Fairly frequent |
|               | Yellow-bellied sunbird <i>Cinnyris venustus</i>                            | Woodland & Grassland        | Low–high             | Fairly frequent |
| Zosteropidae  | Yellow white-eye <i>Zosterops senegalensis</i>                             | Forest, woodland            | Low–high             | Common          |
| Oriolidae     | Green-headed oriole <i>Oriolus chlorocephalus</i>                          | Forest                      | Low–medium           | Common          |
| Malaconotidae | Black-fronted bushshrike <i>Malaconotus nigrifrons</i>                     | Forest                      | Medium               | Common          |
|               | Brown-headed tchagra <i>Tchagra australis</i>                              | Grassland & woodland        | Low                  | Fairly frequent |
|               | Southern puffback <i>Dryoscopus cubla</i>                                  | Woodland & forest           | Low–medium           | Common          |
|               | Tropical boubou <i>Laniarius aethiopicus</i>                               | Forest edge & grassland     | Low–high             | Fairly frequent |
| Dicruridae    | Square-tailed drongo <i>Dicrurus ludwigii</i>                              | Forest                      | Low–medium           | Common          |
| Corvidae      | White-necked raven <i>Corvus albicollis</i>                                | Granitic dome & woodland    | Low–high             | Fairly frequent |
| Sturnidae     | Red-winged starling <i>Onychognathus morio</i>                             | Granitic dome & forest edge | Medium–high          | Few records     |
| Ploceidae     | *Bertram's weaver <i>Ploceus bertrandi</i> (spotted by C. Spottiswoode)    | Forest edge & woodland      | Low                  | Rare or vagrant |
|               | Spectacled weaver <i>Ploceus ocularis</i>                                  | Forest edge                 | Low                  | Few records     |
|               | Dark-backed weaver <i>Ploceus bicolor</i>                                  | Forest                      | Low–high             | Common          |
|               | *Grosbeak weaver <i>Amblyospiza albifrons</i> (spotted by C. Spottiswoode) | Forest edge                 | Low                  | Rare or vagrant |
| Estrildidae   | Green twinspot <i>Mandingoa nitidula</i>                                   | Forest & forest edge        | Low–high             | Common          |
|               | Blue-billed firefinch <i>Lagonosticta rubricata</i>                        | Forest edge                 | Low                  | Few records     |
|               | Swee waxbill <i>Estrilda melanotis</i>                                     | Granitic dome & grassland   | High                 | Rare or vagrant |
|               | Common waxbill <i>Estrilda astrild</i>                                     | Grassland & scrub           | Low                  | Common          |
|               | Bronze mannikin <i>Spermestes cucullatus</i>                               | Grassland & scrub           | Low                  | Common          |
|               | Red-backed mannikin <i>Spermestes bicolor</i>                              | Forest edge & woodland      | Low                  | Common          |
| Fringillidae  | Yellow-fronted canary <i>Serinus mozambicus</i>                            | Grassland & woodland        | Low                  | Fairly frequent |

\*Species noted by other observers, followed by names: C. Spottiswoode (December 2005), L.D.C. Fishpool (October 2008), M. Curran (October 2008), Ofelio Kavaliyawo (hunter).

<sup>1</sup>Low, 400–1,000 m; Medium, 1,000–1,400 m; High, c.1,400 m and above

<sup>2</sup>Common, recorded daily in relevant habitat

SUPPLEMENTARY TABLE S3 Small mammal species collected or recorded from the Mabu massif. Small mammals were opportunistically surveyed, mainly by J. Bayliss and L. Sabão, over several visits, and identified by P. Taylor (Taylor, 2012) and A. Monadjem (Monadjem 2010a,b). Bats were opportunistically collected by J. Bayliss during 2005–2009, over several visits. In 2008 a more systematic survey was undertaken by M. Curran and M. Kopp (Timberlake et al. 2012). Larger mammals were recorded opportunistically. R.J. Dowsett undertook a more detailed survey in October 2008 (Dowsett-Lemaire & Dowsett, 2009). Nomenclature follows Musser & Carleton (2005), and Monadjem et al. (2010b) for bats.

| Family (by Order)    | Species                                                   | Habitat                      | Altitude  | Status            |
|----------------------|-----------------------------------------------------------|------------------------------|-----------|-------------------|
| <b>Chiroptera</b>    |                                                           |                              |           |                   |
| Pteropodidae         | <i>Epomophorus wahlbergi</i>                              | Moist forest                 | 1,300     |                   |
|                      | <i>Rousettus aegyptiacus</i>                              | Tea plantation               | 550       |                   |
| Rhinolophidae        | <i>Rhinolophus blasii</i>                                 | River in moist forest        | 1,000     |                   |
|                      | <i>Rhinolophus clivosus</i>                               | Moist forest                 | ±1000     |                   |
|                      | <i>Rhinolophus landeri</i>                                | River in moist forest        | 1,000     |                   |
|                      | <i>Rhinolophus mabuensis</i>                              | Tea plantation, moist forest | 550–1,000 |                   |
|                      | <i>Hipposideros ruber</i>                                 | Moist forest                 | ±1,000    |                   |
| Hipposideridae       | <i>Miniopiterus</i> cf. <i>fraterculus</i>                | Moist forest                 | 980–1,300 |                   |
| Miniopiterinae       | <i>Miniopiterus</i> cf. <i>inflatus/natalensis</i>        | Moist forest                 | 980       |                   |
|                      | <i>Kerivoula</i> cf. <i>phalaena</i> **                   | Moist forest                 | 980       |                   |
| Vespertilionidae     | <i>Myotis tricolor</i>                                    | Moist forest                 | 1,300     |                   |
|                      | <i>Laephotis botswanae</i> *                              | Tea plantation               | 550       |                   |
| <b>Insectivora</b>   |                                                           |                              |           |                   |
| Soricidae            | <i>Crocidura silacea</i>                                  | Moist forest                 | 1,000     |                   |
|                      | <i>Crocidura luna</i>                                     | Moist forest                 | 1,000     |                   |
|                      | <i>Crocidura olivieri</i>                                 | Moist forest                 | 1,000     |                   |
| <b>Macroscelidea</b> |                                                           |                              |           |                   |
| Macroscelididae      | Four-toed elephant shrew <i>Petrodromus tetradactylus</i> | Moist forest                 |           | Sight record only |
|                      | Chequered elephant shrew <i>Rhynchocyon cirnae</i>        | Moist forest                 |           | Sight record only |
| <b>Lagomorpha</b>    | Red rock hare <i>Pronolagus rupestris</i>                 | Rocky areas                  | 1,600     | Sight record only |
| <b>Rodentia</b>      |                                                           |                              |           |                   |
| Sciuridae            | Sun squirrel <i>Heliosciurus mutabilis</i>                | Moist forest & secondary     |           | Sight record only |
| Muridae              | Narrow-footed woodland mouse <i>Grammomys dolichurus</i>  | Moist forest                 | 1,000     |                   |
|                      | Brush-furred mouse <i>Lophuromys aquilus</i>              | Moist forest                 | 1,000     |                   |
|                      | <i>Mus triton</i>                                         | Moist forest                 |           | Sight record only |
|                      | Soft-furred rat <i>Praomys delectorum</i>                 | Moist forest                 | 1,000     |                   |
| Cricetomyinae        | Lesser pouched rat <i>Beamys major</i> *                  | Moist forest                 | 1,000     |                   |
| <b>Hyracoidea</b>    |                                                           |                              |           |                   |
| Procavidae           | Cape rock hyrax <i>Procavia capensis</i>                  | Rocky areas & tea plantation |           | Sight record only |
|                      | Yellow-spotted hyrax <i>Heterohyrax brucei</i>            | Rocky areas                  | 1,000     | Sight record only |

\*, new record for Mozambique; \*\*, new record for southern African

SUPPLEMENTARY TABLE S4 Herpetofauna collected or recorded from the Mabu massif. The herpetofauna was opportunistically surveyed by J. Bayliss during 2005–2008, resulting in the discovery of several new species (Branch & Bayliss, 2009; Branch & Tolley, 2010; Branch et al., unpubl. data). In May 2009 a more detailed survey was undertaken by W.R. Branch and W. Conradie (Branch, 2011). Specimens were identified by W.R. Branch (Branch, 1998).

| Family (by Class)         | Species                                                                                                   | Habitat                                              | Altitudinal limits* | Status          |
|---------------------------|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------|-----------------|
| <b>Reptilia–Sauria</b>    |                                                                                                           |                                                      |                     |                 |
| Scincidae                 | Variable skink <i>Trachylepis varia</i>                                                                   | Shambas & old tea estate house, south-east foothills | Low                 | Common          |
|                           | Rainbow skink <i>Trachylepis margatiiter</i>                                                              | Shambas & old tea estate house, south-east foothills | Low                 | Fairly frequent |
|                           | Speckled writhing skink <i>Moluchus afrum</i>                                                             | Shambas & old tea estate house, south-east foothills | Low                 | Few records     |
|                           | Black burrowing skink <i>Melanoseps</i> cf. <i>afer</i>                                                   | Mid altitude forest & upper slopes                   | Medium              | Few records     |
| Agamidae                  | Mozambique agama <i>Agama mossambica</i>                                                                  | Shambas & old tea estate house, south-east foothills | Low                 | Common          |
| Chamaeleonidae            | Sword-snouted chameleon <i>Trioceros melleri</i>                                                          | Low & mid altitude forest fringe                     | Low                 | Few records     |
|                           | Bayliss' chameleon <i>Nadzikambia baylissi</i>                                                            | Mid altitude forest & upper slopes                   | Medium              | Few records     |
|                           | Mt Mabu leaf chameleon <i>Rhampholeon</i> nov. sp.                                                        | Mid altitude forest & upper slopes                   | Medium              | Common          |
| Gekkonidae                | Flat-headed tropical house gecko <i>Hemidactylus platycephalus</i>                                        | Shambas & old tea estate house, south-east foothills | Low                 | Common          |
| <b>Reptilia–Serpentes</b> |                                                                                                           |                                                      |                     |                 |
| Natricidae                | Forest marsh snake <i>Natriciteres sylvatica</i>                                                          | Low & mid altitude forest                            | Low                 | ?               |
| Colubridae                | Black bush snake <i>Philothamnus</i> cf. <i>carinatus</i>                                                 | Mid altitude forest & upper slopes                   | Medium              | Few records     |
|                           | Tree snake <i>Dipsadoboa</i> sp. nov                                                                      | Mid altitude forest & upper slopes                   | Medium              | Few records     |
| Elapidae                  | Forest cobra <i>Naja melaoleuca</i>                                                                       | Low & mid altitude forest                            | Low                 | ?               |
| Viperidae                 | Gaboon viper <i>Bitis gabonica</i>                                                                        | Low & mid altitude forest                            | Low                 | ?               |
|                           | Mt Mabu forest viper <i>Atheris mabuensis</i>                                                             | Mid altitude forest & upper slopes                   | Medium              | Few records     |
| <b>Amphibia</b>           |                                                                                                           |                                                      |                     |                 |
| Arthroleptidae            | Lujeri squeaker <i>Arthrolepis</i> 'Luyeri' - new species                                                 | Shambas & old tea estate house, south-east foothills | Low–medium          | Fairly frequent |
|                           | Mt Mulanje squeaker <i>Arthrolepis</i> sp. (large) – possible new species – central & northern Mozambique | Shambas & old tea estate house, south-east foothills | Low–medium          | Common          |
|                           | Dwarf squeaker <i>Arthrolepis xenodactyloides</i>                                                         | Shambas & old tea estate house, south-east foothills | Low–medium          | Common          |
|                           | Yellow-spotted tree frog <i>Leptopelis flavimaculata</i>                                                  | Mid altitude forest & upper slopes                   | Medium              | Few records     |
| Hyperoliidae              | Leaf-folding frog <i>Afrixalus</i> sp.                                                                    | Mid altitude forest & upper slopes                   | Medium              | ?               |
|                           | Golden-spotted reed frog <i>Hyperolius substriatus</i>                                                    | Mid altitude forest & upper slopes                   | Medium              | Fairly frequent |
| Bufo                      | Flat-backed toad <i>Amietophrynus maculatus</i>                                                           | Shambas & old tea estate house, south-east foothills | Low–medium          | Common          |

\*Low, 400–1,000 m; Medium, 1,000–1,400 m; High, c.1,400 m and above

SUPPLEMENTARY TABLE S5 Butterfly species collected or recorded from the Mabu massif. The butterflies were studied in detail in December 2005, January 2006, June 2008, September 2008, October 2008 and November 2010. Specimens were collected by J. Bayliss, C. Congdon, S. Collins, M. Hassan, I. Bampton†, R.J. Dowsett and S. Georgiadis. A total of 203 species of butterfly were recorded from the Mabu area. Identifications were confirmed by Steve Collins, African Butterfly Research Institute, Nairobi, Kenya. Species arrangement follows Carcasson's African Butterflies (Ackery et al. 1995) taking account of some recent changes; nomenclature follows Williams (2012). Species new to Mozambique (\*) are those not listed as occurring in Mozambique in Ackery et al. (1995), Cabral (2000), d'Abrera (1980), Alan Gardiner (unpubl. data), Kielland (1990), Libert (1999, 2004), Pringle et al. (1994) and Williams (2012).

| Species (by family)                                        | Habitat                  |
|------------------------------------------------------------|--------------------------|
| <b>Hesperiidae</b>                                         |                          |
| <b>Coeliadinae</b>                                         |                          |
| <i>Coeliades forestan</i> (Stoll, 1782)                    | Ubiquitous               |
| <b>Pyrginae</b>                                            |                          |
| <i>Celaenorrhinus galenus</i> (Fabricius, 1793)            | Forest                   |
| <i>Celaenorrhinus handmani</i> * (Collins & Congdon, 1998) | Forest                   |
| <i>Tagiades flesus</i> (Fabricius, 1781)                   | Ubiquitous               |
| <i>Eagris sabadius</i> * (Gray, 1832)                      | Forest                   |
| <i>Eretis melania</i> (Mabille, 1891)                      | Woodland                 |
| <i>Sarangesa lucidella</i> * (Mabille, 1891)               | Woodland                 |
| <i>Sarangesa thecla</i> * (Plötz, 1879)                    | Forest                   |
| <i>Spialia depauperata</i> (Strand, 1911)                  | Woodland                 |
| <i>Spialia dromus</i> (Plötz, 1884)                        | Forest                   |
| <i>Abantis zambesiaca</i> (Westwood, 1874)                 | Woodland                 |
| <b>Hesperiinae</b>                                         |                          |
| <i>Metisella orientalis</i> (Aurivillius, 1925)            | Wetland                  |
| <i>Kedestes marshalli</i> * (Aurivillius, 1925)            | Woodland                 |
| <i>Kedestes wallengrenii</i> (Trimen, 1883)                | Woodland, rocky outcrops |
| <i>Teniorhinus harona</i> (Westwood, 1881)                 | Woodland                 |
| <i>Pardaleodes incerta</i> * (Snellen, 1872)               | Forest                   |
| <i>Acada biseriata</i> (Mabille, 1893)                     | Woodland                 |
| <i>Acleros mackenii</i> (Trimen, 1868)                     | Forest                   |
| <i>Semalea arela</i> (Mabille, 1891)                       | Forest                   |
| <i>Semalea pulvina</i> (Plötz, 1879)                       | Forest                   |
| <i>Andronymus caesar</i> (Fabricius, 1793)                 | Woodland                 |
| <i>Artitropa erinnys</i> (Trimen, 1862)                    | Forest, woodland         |
| <i>Artitropa reducta</i> Aurivillius, 1925                 | Forest, woodland         |
| <i>Platylesches galesa</i> (Hewitson, 1877)                | Forest, woodland         |
| <i>Zenonia anax</i> * (Evans, 1937)                        | Forest                   |
| <i>Zenonia zeno</i> (Trimen, 1864)                         | Forest                   |
| <i>Borbo detecta</i> (Trimen, 1893)                        | Woodland                 |
| <i>Borbo fatuellus</i> (Hopffer, 1855)                     | Forest, woodland         |
| <i>Gegenes niso</i> (Linnaeus, 1764)                       | Ubiquitous               |
| <b>Papilionidae</b>                                        |                          |
| <b>Papilioninae</b>                                        |                          |
| <i>Papilio dardanus</i> (Brown, 1776)                      | Forest, woodland         |
| <i>Papilio demodocus</i> (Esper, 1798)                     | Ubiquitous               |
| <i>Papilio desmondi</i> *(van Someren, 1939)               | Forest                   |
| <i>Papilio echerioides</i> (Trimen, 1868)                  | Forest                   |
| <i>Papilio nireus</i> (Linnaeus, 1758)                     | Ubiquitous               |

|                                                     |                  |
|-----------------------------------------------------|------------------|
| <i>Papilio ophidicephalus</i> (Oberthür, 1878)      | Forest           |
| <i>Papilio pelodurus</i> * (Butler, 1896 ssp. nov.) | Forest           |
| <i>Papilio phorcas</i> (Cramer, 1775)               | Forest           |
| <i>Graphium angolanus</i> (Goeze, 1779)             | Ubiquitous       |
| <i>Graphium polícenes</i> (Cramer, 1775)            | Forest           |
| <b>Pieridae</b>                                     |                  |
| <b>Coliadinae</b>                                   |                  |
| <i>Catopsilia florella</i> (Fabricius, 1775)        | Ubiquitous       |
| <i>Colias electo</i> (Linnaeus, 1763)               | Open habitats    |
| <i>Eurema (E.) brigitta</i> (Stoll, 1780)           | Forest, woodland |
| <i>Eurema (E.) desjardinsii</i> (Boisduval, 1833)   | Forest, woodland |
| <i>Eurema (E.) mandarinula</i> (Holland, 1892)      | Forest, woodland |
| <i>Eurema (Terias) hapale</i> (Mabille, 1887)       | Forest, woodland |
| <i>Eurema (T.) hecabe</i> (Linnaeus, 1758)          | Forest, woodland |
| <b>Pierinae</b>                                     |                  |
| <i>Nepheronia argia</i> (Fabricius, 1775)           | Woodland         |
| <i>Belenois aurota</i> (Fabricius, 1793)            | Open habitats    |
| <i>Belenois creona</i> (Cramer, 1775)               | Open habitats    |
| <i>Appias sylvia</i> *(Fabricius, 1775)             | Forest           |
| <i>Mylothris agathina</i> (Cramer, 1779)            | Forest, woodland |
| <i>Mylothris rueppellii</i> (Koch, 1865)            | Woodland         |
| <i>Mylothris sagala</i> (Grose-Smith, 1886)         | Forest           |
| <i>Mylothris yulei</i> (Butler, 1897)               | Forest           |
| <i>Leptosia alcesta</i> (Stoll, 1780)               | Forest           |
| <b>Nymphalidae</b>                                  |                  |
| <b>Acraeini</b>                                     |                  |
| <i>Acraea acrita</i> (Hewitson, 1865)               | Woodland         |
| <i>Acraea aganice</i> (Hewitson, 1852)              | Forest           |
| <i>Acraea asema</i> (Hewitson, 1877)                | Woodland         |
| <i>Acraea egina</i> (Cramer, 1775)                  | Forest           |
| <i>Acraea insignis</i> (Distant, 1880)              | Forest           |
| <i>Acraea natalica</i> (Boisduval, 1847)            | Forest, woodland |
| <i>Acraea neobule</i> (Doubleday, 1848)             | Woodland         |
| <i>Acraea nohara</i> (Boisduval, 1847)              | Open habitats    |
| <i>Acraea oncaea</i> (Hopffer, 1855)                | Woodland         |
| <i>Acraea cabira</i> (Hopffer, 1855)                | Forest, woodland |
| <i>Acraea encedon</i> (Linnaeus, 1758)              | Woodland         |
| <i>Acraea goetzei</i> * (Thurau, 1903)              | Forest           |
| <i>Acraea igola</i> (Trimen, 1889)                  | Forest           |
| <i>Acraea johnstoni</i> (Godman, 1885)              | Forest           |
| <i>Acraea pentapolis</i> (Ward, 1871)               | Forest           |
| <i>Acraea perenna</i> * (Doubleday, 1847)           | Forest           |
| <i>Acraea serena</i> (Fabricius, 1775)              | Woodland         |
| <i>Acraea sotikensis</i> * (Sharpe, 1892)           | Forest           |
| <i>Acraea vumbui</i> (Stevenson, 1934)              | Forest           |
| <b>Argynnini</b>                                    |                  |
| <i>Pardopsis punctatissima</i> (Boisduval, 1833)    | Woodland         |
| <i>Lachnoptera ayresii</i> (Trimen, 1879)           | Forest           |
| <i>Phalanta phalantha</i> (Drury, 1773)             | Ubiquitous       |
| <i>Issoria smaragdifer</i> * (Butler, 1895)         | Wetland          |
| <b>Danainae</b>                                     |                  |
| <i>Danaus chrysippus</i> (Linnaeus, 1758)           | Ubiquitous       |
| <i>Amauris niavius</i> (Linnaeus, 1758)             | Forest           |

|                                                           |                            |
|-----------------------------------------------------------|----------------------------|
| <i>Amauris albimaculata</i> (Butler, 1875)                | Forest                     |
| <i>Amauris echeria</i> (Stoll, 1790)                      | Forest                     |
| <i>Amauris ochlea</i> (Boisduval, 1847)                   | Forest                     |
| <b>Satyrinae</b>                                          |                            |
| <i>Gnophodes betsimena</i> (Boisduval, 1833)              | Forest, woodland           |
| <i>Melanitis leda</i> (Linnaeus, 1767)                    | forest, woodland           |
| <i>Aphysoneura pigmentaria</i> (Karsch, 1894)             | Forest                     |
| <i>Bicyclus anynana</i> (Butler, 1879)                    | Forest, woodland           |
| <i>Bicyclus campinus</i> (Aurivillius, 1901)              | Forest, woodlanmd          |
| <i>Bicyclus safitza</i> (Westwood, 1850)                  | Forest, woodland           |
| <i>Bicyclus simulacris</i> * (Kielland, 1990)             | Forest                     |
| <i>Heteropsis ubenica</i> * (Thurau, 1903)                | Open<br>habitats, woodland |
| <i>Ypthimomorpha itonia</i> (Hewitson, 1865)              | Wetlands                   |
| <i>Neocoenura bioculata</i> * (Carcasson, 1964) ssp. nov. | Rocky outcrop              |
| <b>Nymphalinae</b>                                        |                            |
| <i>Hypolimnas anthedon</i> (Doubleday, 1845)              | Forest, woodland           |
| <i>Hypolimnas misippus</i> (Linnaeus, 1764)               | Woodland                   |
| <i>Salamis parhassus</i> (Drury, 1782)                    | Forest                     |
| <i>Precis archesia</i> (Cramer, 1779)                     | Open habitats,<br>woodland |
| <i>Precis octavia</i> (Cramer, 1777)                      | Forest, woodland           |
| <i>Precis tugela</i> (Trimen, 1879)                       | Forest                     |
| <i>Junonia natalica</i> (Felder & Felder, 1860)           | Woodland                   |
| <i>Junonia oenone</i> (Linnaeus, 1758)                    | Ubiquitous                 |
| <i>Junonia terea</i> (Drury, 1773)                        | Forest, woodland           |
| <i>Vanessa cardui</i> (Linnaeus, 1758)                    | Ubiquitous                 |
| <i>Antanartia schaeeneia</i> * (Trimen, 1879)             | Forest                     |
| <b>Limenitidinae</b>                                      |                            |
| <i>Byblia ilithyia</i> (Drury, 1773)                      | Ubiquitous                 |
| <i>Neptidopsis ophione</i> (Cramer, 1777)                 | Forest                     |
| <i>Eurytela dryope</i> (Cramer, 1775)                     | Forest, woodland           |
| <i>Eurytela hiarbas</i> (Drury, 1782)                     | Forest, woodland           |
| <i>Sevenia boisduvali</i> (Wallengren, 1857)              | Forest, woodland           |
| <i>Sevenia moranti</i> (Trimen, 1881)                     | Forest                     |
| <i>Cyrestis camillus</i> (Drury, 1782)                    | Forest                     |
| <i>Neptis alta</i> (Overlaet, 1955)                       | Woodland                   |
| <i>Neptis laeta</i> (Overlaet, 1955)                      | Forest, woodland           |
| <i>Neptis nina</i> * (Staudinger, 1896)                   | Forest                     |
| <i>Neptis saclava</i> (Boisduval, 1833)                   | Forest, woodland           |
| <i>Neptis swynnertoni</i> (Trimen, 1912)                  | Forest                     |
| <i>Neptis trigonophora</i> (Butler, 1878)                 | Forest                     |
| <i>Cymothoe</i> * sp. nov.                                | Forest                     |
| <i>Pseudacraea boisduvali</i> (Doubleday, 1845)           | Forest, woodland           |
| <i>Pseudacraea deludens</i> * (Neave, 1912)               | Forest                     |
| <i>Pseudacraea eurytus</i> (Linnaeus, 1758)               | Forest                     |
| <i>Pseudacraea lucretia</i> (Cramer, 1775)                | Forest, woodland           |
| <i>Euptera kinugnana</i> (Grose-Smith, 1889)              | Forest                     |
| <i>Euryphura achlys</i> (Hopffer, 1855)                   | Forest, woodland           |
| <i>Euryphura concordia</i> (Hopffer, 1855)                | Woodland                   |
| <i>Euphaedra neophron</i> (Hopffer, 1855)                 | Forest                     |
| <i>Bebearia orientis</i> (Karsch, 1895)                   | Forest                     |
| <i>Hamanumida daedalus</i> (Fabricius, 1775)              | Open habitats,             |

|                                                        |                            |
|--------------------------------------------------------|----------------------------|
| <i>Aterica galene</i> (Brown, 1776)                    | forest, woodland           |
| <i>Pseudargynnis hegemone</i> (Godart, 1819)           | Forest                     |
| <b>Charaxinae</b>                                      | Wetland                    |
| <i>Charaxes achaemenes</i> (C.& R.Felder, 1867)        | Woodland                   |
| <i>Charaxes acuminatus</i> (Thurau, 1903)              | Forest                     |
| <i>Charaxes bohemani</i> (C.& R.Felder, 1859)          | Woodland                   |
| <i>Charaxes brutus</i> (Cramer, 1779)                  | Forest, woodland           |
| <i>Charaxes candiope</i> (Godart, 1824)                | Ubiquitous                 |
| <i>Charaxes castor</i> (Cramer, 1775)                  | Open habitats,<br>woodland |
| <i>Charaxes cithaeron</i> (C.& R.Felder, 1859)         | Forest, woodland           |
| <i>Charaxes dilutus</i> * (Rothschild, 1898)           | Forest                     |
| <i>Charaxes druceanus</i> (Butler, 1869)               | Forest, woodland           |
| <i>Charaxes ethalion</i> (Boisduval, 1847)             | Woodland                   |
| <i>Charaxes fionae</i> (Henning, 1977)                 | Woodland                   |
| <i>Charaxes guderiana</i> (Dewitz, 1879)               | Woodland                   |
| <i>Charaxes jasius</i> (Linnaeus, 1767)                | Woodland                   |
| <i>Charaxes macclounii</i> (Butler, 1895)              | Forest, woodland           |
| <i>Charaxes margaretae</i> * (Rydon, 1980)             | Forest                     |
| <i>Charaxes pollux</i> (Cramer, 1775)                  | Forest                     |
| <i>Charaxes protoclea</i> (Feisthamel, 1850)           | Forest, woodland           |
| <i>Charaxes varanes</i> (Cramer, 1777)                 | Ubiquitous                 |
| <i>Charaxes violetta</i> (Grose-Smith, 1885)           | Forest                     |
| <i>Charaxes wakefieldi</i> (Ward, 1871)                | Forest, woodland           |
| <i>Charaxes xiphares</i> * (Stoll, 1781)               | Forest                     |
| <b>Libytheinae</b>                                     |                            |
| <i>Libythea labdaca</i> (Westwood, 1851)               | Forest                     |
| <b>Lycaenidae</b>                                      |                            |
| <b>Lipteninae</b>                                      |                            |
| <i>Alaena amazoula</i> (Boisduval, 1847)               | Rocky outcrop              |
| <i>Alaena picata</i> * (Sharpe, 1896)                  | Rocky outcrop              |
| <i>Pentila pauli</i> * (Staudinger, 1888)              | Forest, woodland           |
| <i>Pentila tropicalis</i> (Boisduval, 1847)            | Forest                     |
| <i>Ornipholidotos peucetia</i> (Hewitson, 1866)        | Forest, woodland           |
| <i>Teriomima puella</i> (Kirby, 1887)                  | Forest, woodland           |
| <i>Teriomima williami</i> (Henning & Henning, 2004)**  | Forest                     |
| <i>Baliochila neavei</i> (Stempffer & Bennett, 1953)   | ?Forest                    |
| <i>Baliochila woodi</i> * (Riley, 1943) ssp. nov.      | Forest                     |
| <i>Baliochila</i> * sp. nov.                           | Forest                     |
| <b>Miletinae</b>                                       |                            |
| <i>Spalgis lemolea</i> (Druce, 1890)                   | Forest, woodland           |
| <i>Lachnocnema emperamus</i> (Snellen, 1872)           | Woodland                   |
| <i>Lachnocnema</i> sp.                                 | Forest                     |
| <i>Lachnocnema</i> sp.                                 | Forest                     |
| <b>Theclinae</b>                                       |                            |
| <i>Myrina silenus</i> (Fabricius, 1775)                | Forest, woodland           |
| <i>Cigaritis mozambica</i> (Bertoloni, 1850)           | Open habitats              |
| <i>Cigaritis nyassae</i> (Butler, 1884)                | Woodland                   |
| <i>Axiocerses bamptoni</i> * (Henning & Henning, 1996) | Forest                     |
| <i>Epamera sidus</i> (Trimen, 1864)                    | Forest                     |
| <i>Epamera</i> * sp. nov.                              | Forest                     |
| <i>Argiolaus silarus</i> (Druce, 1885)                 | Forest, woodland           |

|                                                            |                            |
|------------------------------------------------------------|----------------------------|
| <i>Hypolycaena buxtoni</i> (Hewitson, 1874)                | Forest, woodland           |
| <i>Leptomyrina hirundo</i> (Wallengren, 1857)              | Rocky outcrop              |
| <i>Leptomyrina (Gonatomyrina)*</i> sp. nov.                | Rocky outcrop              |
| <i>Pilodeudorix caerulea</i> (Druce, 1890)                 | Open habitats,<br>woodland |
| <i>Pilodeudorix jacksoni*</i> (Talbot, 1935)               | Forest, woodland           |
| <i>Virachola</i> nr. <i>Vansomereni*</i> (Stempffer, 1951) | Forest                     |
| <i>Capys disjunctus*</i> (Trimen, 1895)                    | Open habitats              |
| <b>Polyommatainae</b>                                      |                            |
| <i>Anthene livida</i> (Trimen, 1881)                       | Rocky outcrop              |
| <i>Anthene crawshayi*</i> (Butler, 1899)                   | Open habitats,<br>woodland |
| <i>Anthene larydas</i> (Cramer, 1780)                      | Forest, woodland           |
| <i>Cupidopsis cissus</i> (Godart, [1824])                  | Ubiquitous                 |
| <i>Pseudonacaduba sichela</i> (Wallengren, 1857)           | Ubiquitous                 |
| <i>Uranothauma antinorii</i> (Oberthür, 1883)              | Forest                     |
| <i>Uranothauma falkensteini*</i> (Dewitz, 1879)            | Forest                     |
| <i>Uranothauma nubifer</i> (Trimen, 1895)                  | Open habitats,<br>forest   |
| <i>Cacyreus lingeus</i> (Stoll, 1782)                      | Ubiquitous                 |
| <i>Cacyreus fracta</i> (Grünberg, 1911)                    | Ubiquitous                 |
| <i>Cacyreus virilis</i> (Aurivillius, 1924)                | Ubiquitous                 |
| <i>Leptotes brevidentatus*</i> (Tite, 1958)                | Woodland                   |
| <i>Leptotes pirithous*</i> (Linnaeus, 1767)                | Ubiquitous                 |
| <i>Leptotes pulchra</i> (Murray, 1874)                     | Woodland                   |
| <i>Tuxentius melaena</i> (Trimen, 1887)                    | Woodland                   |
| <i>Zizeeria knysna</i> (Trimen, 1862)                      | Ubiquitous                 |
| <i>Actizera lucida</i> (Trimen, 1883)                      | Open habitats              |
| <i>Azanus mirza</i> (Plötz, 1880)                          | Ubiquitous                 |
| <i>Euchrysops malathana</i> (Boisduval, 1833)              | Open habitats              |
| <i>Euchrysops osiris</i> (Hopffer, 1855)                   | Woodland                   |
| <i>Thermoniphas micylus</i> (Cramer, 1780)                 | Forest                     |
| <i>Oboronia bueronica</i> (Karsch, 1895)                   | Forest                     |
| <i>Oboronia guessfeldtii</i> (Dewitz, 1879)                | Forest                     |

\* New to Mozambique

\*\*Reinstatement (Collins et al., unpubl. data).