

Genus	vol. 4(2): 91-102	Wrocław, 30 IX 1993
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Catalogue of the Types of Southern African *Mythicomyiidae* (*Insecta: Diptera*)

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ABSTRACT. Types of all described species of the bombylioid family *Mythicomyiidae* from southern Africa are listed with authorship, date, pagination, type locality, original and current generic combination, and ancillary information including condition of the typespecimen. Lectotypes are designated for seven species represented by syntype series.

INTRODUCTION

Mythicomyiids constitute a monophyletic group previously treated as a subfamily in the *Bombyliidae*. Recent work by ZAITZEV (1991) has treated this group as separate from the *Bombyliidae*, which is followed here. In addition, phylogenetic work in progress by me shows that the *Mythicomyiidae* are the sister-group to the *Bombyliidae*.

Types of 28 southern African mythicomyiids (microbombyliids) are listed below. These types are housed primarily in the Natal Museum, Pietermaritzburg (NMSA) (9 species), the Natural History Museum, London (BMNH) (8), and the South African Museum, Cape Town (SAM) (6). The holotype of *Euanthobates pectinigulus* is in the Lund University Museum (LU); the holotype of *Mnemomyia mellea* is in the Zoologische Museum, Humboldt-Universität, Berlin (ZMHU), and the holotype of *Psiloderoides mansfieldi* is in the National Insect Collection, Pretoria (NICP). Two types have not been located and are thought to be destroyed: *Cephalodromia beckeri* (BEZZI) (originally in ZMHU) and *Cephalodromia scutellaris* (BEZZI) (originally in the Hungarian Natural History Museum, Budapest [HNHM]).

All but 4 species listed here were described by A.J. HESSE. His revisionary work on the *Bombyliidae* of southern Africa (1938, 1956a,b) is the foundational work on the taxonomy of this family in this region. His descriptions of southern African microbombyliids are found primarily in two works (1938, 1967) with other descriptions in HESSE (1956b, 1965).

NOTES ON HESSE TYPES AND LABELLING METHODS

HESSE often did not specify a holotype in his original descriptions; however, he did intend on having a single specimen as a holotype for each of his new species. This is evident in his style of labelling. The specimen that HESSE intended to be the holotype was always labelled as such. Sometimes, though, the specimen that was labelled as holotype was not among the specimens he delimited in the original description as being "types" (HESSE considered the holotype and allotype to be "types"; the remainder of the original type series were paratypes and are so labelled by him). For example, *Empidideicus celluliferus* was described from 2 males and 3 females. The original series of specimens upon which the description was based derived from three groups of specimens: those from Mossel Bay collected between 15 March and 20 April 1932, those from the same locality collected in February 1922, and those from Aliwal North collected in December 1922. HESSE specifically states (1938: 984) that the "types" (viz., his holotype and allotype) were from the 1932 collection at Mossel Bay. However, the specimen of *Empidideicus celluliferus* in the South African Museum collection with the holotype label is from Aliwal North.

The HESSE specimens in the South African and Natal museums characteristically have a locality label(s) (often with data printed or written on both sides), a pale red rectangular label with "Holotype" or "Type" handwritten by HESSE, and a determination label handwritten by HESSE (usually in blue ink; sometimes black). HESSE's determination label also indicates the sex and type status (i.e., holotype, allotype, or paratype) that particular specimen has. Additionally, the mythicomyiids are all pinned with a minuten to a rectangular *Polyporus* point, which is about 2 mm thick and 6-7 mm long.

The HESSE specimens in the BMNH characteristically have the BMNH red-ringed or yellow-ringed round type labels (holotype red; paratype yellow) in addition to the locality labels; there is also a label giving the accession number, details of which can be retrieved from the museum's accession ledger housed in the entomology library. Specimens of mythicomyiids described by Hesse in the BMNH are usually mounted with glue either to a small rectangular clear plastic stage or to the tip of a small clear plastic point. The color of the plastic stage has yellowed with age, but is still rather clear. Features of the venter or side of the specimen, which would otherwise be obscured by the stage, are visible from beneath the stage.

FORMAT OF CATALOGUE

This catalogue lists mythicomyiid types alphabetically by original orthography of the specific epithet. Each entry contains the following information in the following order: specific name, author, original generic combination, date and page of the original description, type status, sex (male or female) and original depository of the type.

Label data are given verbatim for as many specimens as possible. When quoting the label data, the information on each label is denoted by open and closed quotes (“”). Separate lines on each label are separated by a solidus (/). When information is printed on the reverse of a label, the information is prefaced with “[reverse:]”. Any information placed in square brackets is additional to the printed material on the label or is presented here in order to clarify the information printed on the label.

Other information given in this catalogue includes the current generic combination of each species (which is based on BOWDEN’s [1980] Afrotropical catalogue of *Bombyliidae*) and the condition of the type specimen. When a lectotype is designated, information on the original number of specimens and the specific specimen selected as lectotype is given in the remarks section.

CATALOGUE OF SOUTHERN AFRICAN MYTHIUCOMYIIDAE TYPES

basutoensis HESSE, 1967: 109, *Empidideicus* Holotype male, NMSA

Labels: “Upper Cave-/ Sandstone level / 6000 ft.”, “Roma Mission / Maseru Dist / Basutoland / B. & P. STUCKENBERG / 4-13 Jan. 1963”, “Holotype” [pale red rectangle] “*Empidideicus* / (*Anomaloptilus*) / *basutoensis* n.sp. / Holotype / det. A.J.HESSE”.

Current Combination: *Empidideicus basutoensis* HESSE.

Condition: The type specimen is in excellent condition; it is pinned with a minuten to a *Polyporus* point.

beckeri BEZZI, 1908: 180, *Empidideicus* Holotype female, ZMHU

Type Locality: South Africa: [Cape Province: Namaqualand:] Steinkopf, [vii. 1904], L. SCHULTZE.

Current Combination: *Cephalodromia beckeri* (BEZZI).

Condition: The type specimen was originally preserved in alcohol, but apparently was destroyed during WWII (BOWDEN, 1975: 307).

Remarks: The date of collection was not specified in the original description; however, it can be deduced by the expedition’s collection numbers (chronological), which are mentioned throughout the paper (i.e., *beckeri* was part of collection number 714. Number 676 is a July 1904 collection and so is number 718).

bilineatus HESSE, 1967: 102, *Ceratolaemus* Holotype [female], NMSA

Labels: "Sevenweekspoort / Laingsburg Dist / West Cape Prov / 19-22 Sept. 1959 / B. & P. STUCKENBERG", "Holotype" [pale red rectangle], "*Ceratolaemus / bilineatus / n.sp. / Holotype / det. A.J.HESSE*".

Current Combination: *Cephalodromia bilineata* (HESSE).

Condition: The type specimen is pinned with a minuten to a *Polyporus* point; there is slight debris present on the wings; the head capsule is slightly collapsed ventrally due to air drying.

Remarks: The original description and labels state that the sex of the holotype is a male; it is a female.

brevistilus HESSE, 1967: 111, *Empidideicus (Anomaloptilus)* Holotype male, NMSA

Labels: "Ndumu Reserve / Ingwavuma dist. / Zululand, Natal / South Africa / 1-10.XII.1963", "collectors / B. & P. STUCKENBERG", "Holotype" [pale red rectangle], "*Empidideicus / (Anomaloptilus) / brevistilus n.sp. / Holotype / det. A.J.HESSE*".

Current Combination: *Empidideicus brevistilus* HESSE.

Condition: The type specimen is pinned with a minuten to a *Polyporus* point; the eyes are badly collapsed due to air drying.

celluliferus HESSE, 1938: 983, *Empidideicus (Anomaloptilus)* Lectotype female, BMNH

Labels: "Para- / type" [small round white label with yellow ring], "Type" [small round white label with red ring], [reverse:] "*Emp. / celluliferus / HESSE*", "Cape Province. / Mossel Bay. / 15.iii-20.iv.1932.", "Allotype / (n. subgen.)" [pale red rectangle], "S. Africa. / R.E. TURNER. / Brit. Mus. / 1932-240.", "*Empidideicus / (Anomaloptilus n. subg.) / celluliferus n. sp / Allotype / det. A.J. HESSE*", "PARATYPE / *Empidideicus / celluliferus Hesse / det. J.E. CHAINEY, 1986*".

Current Combination: *Empidideicus celluliferus* HESSE.

Condition: The lectotype female is glued by its right wing, legs, and halter to the tip of a clear plastic point; the eyes and abdomen are collapsed due to air drying; the left third antennal segment is missing.

Remarks: This species was originally based on 2 males and 3 females in the BMNH without a type being specified in the original description. The locality from which the types were to be selected was specified, however (Mossel Bay, 15/3-20/4/32). Only two specimens were found in the BMNH that are from the original type series. Of these, the one with the labels above, labelled as allotype, is here designated lectotype female. The specimen labelled as holotype cannot be a lectotype because it is not from Mossel Bay, but is instead from Aliwal North.

crassirostris HESSE, 1967: 98, *Cyrtisiopsis*

Lectotype male, SAM

Labels: "Prince Albert / Rd Stn / SA. Museum", [reverse:] "AJ HESSE / July 1945", "*Cyrtisiopsis / crassirostris / n.sp / Paratypes / det. A.J.HESSE*".

Current Combination: *Cyrtisiopsis crassirostris* (HESSE).

Condition: The lectotype is pinned with a minuten laterally through the posterior portion of the thorax to a *Polyporus* point along side another male specimen (the lectotype is the distalmost of the two pinned specimens on the point); it has slight debris on the head and thorax; the abdomen is slightly twisted; otherwise the specimen is in good condition.

Remarks: This species was originally based on 32 males and 15 females without a holotype being specified in the original description. A male specimen in the South African Museum labelled as "paratype" is designated here as lectotype male. It is mounted on a *Polyporus* point along side another male, which is headless. Specimens of the type series have been dispersed to various museums and individuals over the years. Known paralectotypes are in SAM, BMNH, LU, the Bishop Museum, Honolulu, and the author's personal collection.

crocea HESSE, 1956: 938, *Doliopteryx*

Lectotype female, BMNH

Labels: "Para- / type" [small round white label with yellow ring], "Type" [small round white label with red ring], "S.W. Africa. / Aus. / Jan 1930", "*Doliopteryx / crocea* n.gen. et n. sp / Genotype + Allotype / det. A.J.HESSE", "PARATYPE / *Doliopteryx / crocea* HESSE / det. J.E. CHAINEY, 1986".

Current Combination: *Doliopteryx crocea* HESSE.

Condition: The lectotype female is glued on its right side to a yellowing, clear plastic rectangular stage; the eyes and abdomen (the latter only slightly) are collapsed due to air drying; the left second and third antennal segments are missing; the left wing is partially folded over the abdomen, stuck to the right wing, and has a portion of the anal lobe torn off.

Remarks: This species was originally based on 1 male and 3 females from the BMNH without a holotype being specified in the original description. The best preserved specimen of these 4, a female specimen in the BMNH labelled "paratype", is here designated lectotype female. Since the original description, one "paratype" female had found its way to the South African Museum. This specimen, along with the remainder of the syntype series, are paralectotypic.

karooana HESSE, 1967: 105, *Onchopelma*

Holotype female, SAM

Labels: "Koup Karoo / Lainsburg Div.", [reverse]: "Mus. Staff / ii. 1938", "Type" [red rectangular label], "*Onchopelma / karooanum / type n. sp. / det. A.J.HESSE*".

Current Combination: *Onchopelma karooanum* HESSE.

Condition: Both third antennal segments are missing; otherwise the specimen is in good condition.

longirostris HESSE, 1967: 101, *Ceratolaemus* Holotype female, NMSA

Labels: “Tugela Valley / Kranskop Dist. / Natal / May 1960”, “Coll. B. & P. Stuckenberg”, “Holotype” [pale red rectangle], “*Ceratolaemus / longirostris / n.sp. / Holotype / det. A.J.HESSE*”.

Current Combination: *Cephalodromia longirostris* (HESSE).

Condition: The type specimen is pinned with a minuten to a *Polyporus* point; the head capsule is collapsed laterally; the eyes are collapsed due to air drying; the abdomen is slightly wrinkled and twisted.

mansfieldi HESSE, 1967: 126, *Psiloderoides* Holotype male, NICP

Type locality: South Africa: northwestern Cape Province: Kenhardt District: Sidi Berani Farm; larvae collected [from egg packets of *Locustana pardalina* and loose soil associated with egg packets] 10-15 May 1964; adults hatched Sept.-Oct. 1964.

Current Combination: *Psiloderoides mansfieldi* HESSE.

mellea BEZZI, 1908: 180, *Glbellula* Holotype female, ZMHU

Type Locality: South Africa: [Cape Province: Namaqualand]: Steinkopf, [vii. 1904], L. SCHULTZE.

Current Combination: *Mnemomyia mellea* (HESSE).

Condition: The type specimen is preserved in alcohol. It was examined by BOWDEN (1975: 309) who noted that the original colors described by BEZZI had faded over the years. BOWDEN at that time made a partial dissection of the apex of the abdomen to ascertain the number of spermathecae.

Remarks: The date of collection is not specified in the original description; however, it was deduced in the same fashion as the date for *Cephalodromia beckeri*.

mellivorus HESSE, 1967: 117, *Euanthobates* Lectotype female, SAM

Labels: “Gouph / Lainsburg Div.”, [reverse:] “Mus. Staff / Feb. 1938”, “Holotype” [pale red rectangle], “*Euanthobates / mellivorus / n. sp. / Holotype / det. A.J.HESSE*”.

Current Combination: *Acoecus mellivorus* (HESSE).

Condition: The specimen is pinned with a minuten to a plastozote point; slight debris is present on the minuten; the specimen appears to have been greasy at one time; the right wing is stuck flat to the right side of the abdomen; the abdomen is slightly collapsed due to air drying; the mouthparts appear to have been slightly teased.

Remarks: This species was originally based on 2 females in SAM without a holotype being specified in the original description. The specimen labelled as “paratype” is headless (as it was noted in the original description). The female specimen in SAM labelled as “Holotype” is designated here as lectotype female.

meridionalis HESSE, 1967: 120, *Pseudoglbellula* Holotype female, SAM

Type Locality: South Africa: Cape Province: Laingsburg District: Koup Karoo, ii.1938, Museum Staff.

Current Combination: *Pseudoglbellula meridionalis* HESSE.

Condition: The type specimen appears to be teneral; the left third antennal segment is missing and both wings are slightly wrinkled.

montanus HESSE, 1967: 103, *Ceratolaemus* Holotype male, NMSA

Labels: "Sevenweekspoort / Laingsburg Dist / West Cape Prov / 19-22 Sept. 1959 / B. & P. STUCKENBERG" "Holotype" [pale red rectangle] "*Ceratolaemus / montanus / n.sp. / Holotype / det. A.J.HESSE*".

Current Combination: *Cephalodromia montana* (HESSE).

Condition: The type specimen is pinned laterally through the thorax with a minuten, which has one end wrapped around the pin with the label data; the eyes and abdomen are collapsed due to air drying.

namaquensis HESSE, 1967: 94, *Cyrtosia* Holotype female, SAM

Type Locality: South Africa: Cape Prov. (Bushmanland): Aggenys between Springbok and Pella, Oct. 1939, Museum Staff.

Current Combination: *Cyrtosia namaquensis* HESSE.

Condition: The type specimen is pinned with a minuten to a *Polyporus* point; there appears to be some glue on the pin above the plastozote point and slight corrosion on the pin below the point; both eyes are collapsed due to air drying; the left third antennal segment is missing; the mesonotum is cracked at the insertion point of the minuten; the left midleg is missing; the left wing is wrinkled.

natalensis HESSE, 1967: 97, *Glbellula* Holotype female, NMSA

Labels: "From grassland / 15-IX-1963 / 1500 m", "Royal Natal / National Park, / Drakensberg Mts. / B. & P. STUCKENBERG", "Holotype" [pale red rectangle], "*Glbellula / natalensis / n.sp. / Holotype / det. A.J.HESSE*".

Current Combination: *Glbellula natalensis* HESSE.

Condition: The type specimen is pinned with a minuten to a *Polyporus* point; the abdomen is slightly collapsed ventrally due to air drying.

natalensis HESSE, 1967: 97, *Platygygus* Holotype female, NMSA

Labels: "Lilani / Ahrens Dist. / Natal, S. Africa / B. & P. STUCKENBERG / April 1962", "Holotype" [pale red rectangle], "*Platygygus / natalensis / n.sp. / Holotype / det. A.J.HESSE*".

Current Combination: Platypygus natalensis HESSE.

Condition: The type specimen is pinned with a minuten to a *Polyporus* point; the eyes are partially collapsed due to air drying; the apical one-fifth of the left wing is torn off.

nigrescens HESSE, 1956: 940, *Doliopteryx*

Holotype female, BMNH

Labels: "Holo- / type" [small round white label with red ring], "Type" [small round white label with red ring], "Aus. / Dec. 1929.", "S. W. Africa. / R. E. TURNER. / Brit. Mus. / 1930-113", "*Doliopteryx nigrescens* / Type n. gen. n. sp. / det. A.J.HESSE", "HOLOTYPE / *Doliopteryx nigrescens* HESSE / det. J.E. CHAINEY, 1986".

Current Combination: Doliopteryx nigrescens HESSE.

Condition: The type specimen is pinned with a minuten laterally through thorax; the minuten is pinned to a yellowing, clear plastic rectangular stage; the minuten is badly rusting; the type specimen has the eyes collapsed and abdomen slightly collapsed due to air drying.

notatus HESSE, 1967: 108, *Empidideicus (Anomaloptilus)*

Lectotype male, SAM

Type Locality: South Africa: Cape Province: Mossel Bay, xi. 1938, R.E. TURNER.

Current Combination: Empidideicus notatus HESSE.

Condition: The type specimen is pinned with a minuten to a *Polyporus* point; the head is collapsed due to air drying.

Remarks: This species was originally based on 1 male and 5 females in the South African Museum without a holotype being specified in the original description. The male specimen labelled as holotype in the South African Museum is here designated as lectotype male.

pectinigulus HESSE, 1965: 482, *Euanthobates*

Holotype female, LU

Type Locality: Namibia: 31 miles W. of Orupembe, Kaokoveld, 9.vi. 1951, BRINCK & RUDEBECK, Swedish South Africa Expedition; found on yellow *Compositae* near *Welwitschia*.

Current Combination: Euanthobates pectinigulus HESSE.

Condition: The type specimen is preserved in alcohol; the proboscis has been teased out; the genitalia have been dissected and are mounted on a slide.

pulchella HESSE, 1938: 976, *Onchopelma*

Lectotype male, BMNH

Labels: "Holo- / type" [small round white label with red ring], "Type" [small round white label with red ring], [reverse:] "*Onch. / pulchella* / HESSE", "R. E. TURNER.

/ Brit. Mus. / 1930-117.", "S. W. Africa. / Aus. / Jan 1930.", "Genotype / (Holotype) [red rectangle], "*Onchopelma / pulchella* n. gen / (Holotype) & n. sp / det. A. J. HESSE / genotype", "HOLOTYPE / *Onchopelma / pulchella* Hesse / det. J.E. CHAINEY, 1986".

Current Combination: Onchopelma pulchellum Hesse.

Condition: The specimen is glued on its left side to a yellowing, clear plastic stage; the right hind leg beyond the coxa is missing; the tip of the abdomen beyond segment 4 has been dissected off; the genitalia and some abdominal tergites are glued to a small rectangular card, which is pinned directly below the two round, red-ringed type labels.

Remarks: This species was originally described based on 1 male and 1 female, both currently deposited in the BMNH. Neither of the 2 was specified as the type of this species in the original description, thus the male specimen in the BMNH labelled as holotype is here designated as lectotype male.

rostrata BOWDEN, 1975: 309, *Mnemomyia*

Holotype female, BMNH

Labels: "Holo- / type" [small round white label with red ring], "Cape Province: / Mossel Bay. / Dec.1934.", "S. AFRICA: / R. E. TURNER. / B.M. 1935-73.", "HOLOTYPE / *Mnemomyia / rostrata* / J. BOWDEN det."

Current Combination: Mnemomyia rostrata BOWDEN.

Condition: The type specimen is glued on its left side to the tip of a clear plastic point; the specimen appears to have been slightly greasy at one time; the left fore leg beyond the coxa is missing; the left wing is torn at the humeral crossvein; the right wing is slightly wrinkled; there is a small hole dorsolaterally on the left side of the 3rd abdominal tergite.

scutellaris BEZZI, 1926: 259, *Cyrtosia*

Holotype ??, HNHM

Type Locality: South Africa: Transvaal [no further data].

Current Combination: Cephalodromia scutellaris (BEZZI).

Condition: The type specimen was apparently destroyed during the 1956 uprising in Hungary.

Remarks: Apparently no information can be found on details of the type species. It was originally mentioned in a key to species of mythicomyiines from Egypt, in which the footnote said it was diagnosed from a specimen in the Hungarian Museum. The bombyliid types in the Hungarian Natural History Museum were all destroyed by bombing during the 1956 revolution. HESSE (1938, 1956a,b) makes no mention of it. BOWDEN (1980) appears to be the first to place it generically since the original description.

stuckenbergi Hesse, 1967: 95, *Cyrtosia*

Holotype male, NMSA

Labels: "Karoo at junction of / Calvinia-Sutherland Rds / nr Inverdoorn Ceres / 2-3 Oct. 1959 w Cape / B & P STUCKENBERG", "Holotype" [pale red rectangle], "*Cyrtosia / stuckenbergi* / n.sp. / Holotype / det A.J.HESSE".

Current Combination: Cyrtosia stuckenbergi HESSE.

Condition: The type specimen is pinned with a minuten to a *Polyporus* point; the eyes are collapsed due to air drying.

trilineata HESSE, 1938: 978, *Onchopelma*

Holotype female, BMNH

Labels: "Holo- / type" [small round white label with red ring], "Type" [small round white label with red ring], [reverse:] "*Onch. / trilineata / HESSE*", "S. W. Africa. / Aus. / Jan 1930", "R. E. TURNER. / Brit. Mus. / 1930-117.", "*Onchopelma / trilineata* n. sp. / type / det. A.J. HESSE", "Type" [red rectangle], "HOLOTYPE / *Onchopelma / trilineata* HESSE / det. J.E. CHAINEY, 1986".

Current Combination: Onchopelma trilineatum HESSE.

Condition: The type specimen is glued on its left side to a yellowing, clear plastic stage; the abdomen appears to have been broken between the 3rd and 4th tergites soon after collecting or mounting, the viscera are slightly protruding and dried.

turneri HESSE, 1938: 982, *Empidideicus*

Lectotype male, BMNH

Labels: "Holo- / type" [small round white label with red ring], "Type" [small round white label with red ring], [reverse:] "*Emp. / turneri / HESSE*", "Mossel Bay. / Cape Province. / Febr. 1922", "Holotype" [red rectangle], "S. Africa. / R.E. TURNER. / Brit. Mus. / 1922-97", "*Empidideicus / turneri* n. sp / (Holotype) / det. A.J.HESSE", "HOLOTYPE / *Empidideicus / turneri* HESSE / det. J.E. CHAINEY, 1986".

Current Combination: Empidideicus turneri HESSE.

Condition: The lectotype specimen is in excellent condition; it is pinned with a minuten to a *Polyporus* point.

Remarks: This species was originally based on 4 males and 8 females without a holotype being specified in the original description. However, the type locality (Mossel Bay, TURNER, Feb. 1922) was specified in the original description. Only 3 males and 6 females could be located in the BMNH. Of the specimens in that collection that matched the restricted type locality, a specimen labelled as "holotype" is here designated lectotype male. The label data and specimen condition refer to the lectotype.

xanthogrammus HESSE, 1938: 971, *Platypygus (Ceratolaemus)*

Holotype male,
BMNH

Labels: "Holo- / type" [small round white label with red ring], "Type" [small round white label with red ring], [reverse:] "*Platyp. / xantho- / grammus / HESSE*", "Natal. / Weenen. / v.1924. / H.P.THOMASSET.", "Pres. by / Imp. Inst. Ent. / Brit. Mus. / 1932-338.", "Holotype / (n. subgen.)" [pale red rectangle], "*Platypygus / (Ceratolaemus* n. subgen.) / *xanthogrammus* / det. A.J.HESSE n.sp / Holotype", "HOLOTYPE / *Platypygus / xanthogrammus* HESSE / det. J.E. CHAINEY, 1986."

Current Combination: Cephalodromia xanthogramma (HESSE).

Condition: The type specimen is glued upright to a small rectangular card; the left fore and mid legs are folded inward and slightly obscured by glue, otherwise the remainder of legs are neatly spread outward; very slight debris is scattered on the specimen; the tip of the abdomen has been dissected; the dissected parts including the male genitalia are glued to small rectangular card and pinned below the card with the holotype.

zuluensis HESSE, 1967: 113, *Empidideicus (Aetheoptilus)* Holotype female, NMSA

Labels: "Ndumu Reserve / Ingwavuma dist. / Zululand, Natal / 1-10.XII.1963", "collectors / B. & P. STUCKENBERG", "Holotype" [pale red rectangle], "*Empidideicus* / (subgen. *Aetheoptilus* n.) / *zuluensis* n. sp / Holotype of n. subgen / et n.sp. / det. A.J. HESSE".

Current Combination: *Aetheoptilus zuluensis* HESSE.

Condition: The type specimen is pinned laterally through the thorax with a minuten to a *Polyporus* point; it is in excellent condition.

INDEX OF SOUTHERN AFRICAN MYTHIUCOMYIIDAE BY CURRENT GENERIC COMBINATION

Acoecus: mellivorus.

Aetheoptilus: zuluensis.

Cephalodromia: beckeri, bilineata, longirostris, montana, scutellaris, xanthogramma.

Cyrtisiopsis: crassirostris.

Cytosia: namaquensis, stuckenbergi.

Doliopteryx: crocea, nigrescens.

Empidideicus: basutoensis, brevistilus, celluliferus, notatus, turneri.

Euanthobates: pectinigulus.

Glbellula: natalensis.

Mnemomyia: mellea, rostrata.

Onchopelma: karooanum, pulchellum, trilineatum.

Platypygus: natalensis.

Pseudoglabellula: meridionalis.

Psiloderoides: mansfieldi.

ACKNOWLEDGMENTS

I thank the following individuals who made the types of material in their respective institutions available to me for examination: John E. CHAINEY, The Natural History Museum, London; Roy DANIELSSON, Lund University Museum, Lund; Jason LONDT, Natal Museum, Pietermaritzburg; M.W. MANSSELL, National Insect Collection, Pretoria; and Hamish ROBERTSON and Vin WHITEHEAD, South African Museum, Cape

Town. Thanks are also due to Brian and Linda PITKIN, Natural History Museum, Margie COCHRANE and Gerard MACSHANE, South African Museum, and David BARRACLOUGH, Andy WHITTINGTON and Shirley ROBERTSON, Natal Museum, for their generous hospitality and help in many ways during my visits to their respective institutions. Travel to London and South Africa to conduct this research was funded in part by an Ernst Mayr Grant from Harvard University. Scott E. MILLER and Mike SISSON provided remarks and suggestions to early drafts of the manuscript.

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