

African species of *Ipomalictus*

- Lasioglossum (Ipomalictus) alluaudi* (Vachal, 1903)
Lasioglossum (Ipomalictus) atopteris (Cockerell, 1937)
Lasioglossum (Ipomalictus) bourboni Pauly sp nov
Lasioglossum (Ipomalictus) bowkeri (Cockerell, 1920)
= *Halictus decorsei* Benoist, 1957, **syn. nov.**
= *Halictus shendicus* Cockerell, 1945, **syn. nov.**
= *Halictus lamborni* Cockerell, 1945, **syn. nov.**
Lasioglossum (Ipomalictus) brevissimus (Cockerell, 1945) **comb. nov.**
Lasioglossum (Ipomalictus) congoensis (Friese, 1921)
Lasioglossum (Ipomalictus) creightoni (Cockerell, 1908)
Lasioglossum (Ipomalictus) drakensbergense (Cockerell, 1946)
Lasioglossum (Ipomalictus) goniurus (Cockerell, 1937)
Lasioglossum (Ipomalictus) gossypiellum (Cockerell, 1945)
Lasioglossum (Ipomalictus) guineabius (Strand, 1912)
Lasioglossum (Ipomalictus) guineacola (Strand, 1912)
= *Halictus montanus* Friese, 1908
Lasioglossum (Ipomalictus) haasi (Vachal, 1903)
Halictus aureotarsis Friese, 1921
Halictus rubritarsis Cockerell, 1937
Lasioglossum (Ipomalictus) hancocki (Cockerell, 1945)
Lasioglossum (Ipomalictus) holomelanurus (Cockerell, 1941)
Lasioglossum (Ipomalictus) ituricum (Cockerell 1939)
Lasioglossum (Ipomalictus) libericum (Cockerell, 1945) **comb. nov.**
Lasioglossum (Ipomalictus) liberiensis (Cockerell, 1945) **comb. nov.**
Lasioglossum (Ipomalictus) lukulensis (Cockerell, 1945) **comb. nov.**
Lasioglossum (Ipomalictus) lulengonis (Cockerell, 1945) **comb. nov.**
Lasioglossum (Ipomalictus) macrurops (Cockerell, 1937)
Lasioglossum (Ipomalictus) matopiense (Cockerell, 1940)
= *Halictus subterminalis* Cockerell, 1941, **syn. nov.**
Lasioglossum (Ipomalictus) michaelinus (Cockerell, 1946) **comb. nov.**
Lasioglossum (Ipomalictus) michaelseni (Friese, 1916)
= *Halictus norvali* Cockerell, 1939, **syn. nov.**
= *Halictus palapyensis* Cockerell, 1942, **syn. nov.**
= *Halictus michaelseni angusticaudus* Cockerell, 1939, **syn. nov.**
Lasioglossum (Ipomalictus) moffati (Cockerell, 1920)
Lasioglossum (Ipomalictus) monsleone (Cockerell, 1946)
Lasioglossum (Ipomalictus) nairobiense (Cockerell, 1945)
= *Halictus ugandicus* Cockerell, 1945, **syn. nov.**
Lasioglossum (Ipomalictus) nathanae Pauly, 2001
Lasioglossum (Ipomalictus) nigritlellum (Cockerell, 1937)
Lasioglossum (Ipomalictus) nigratinum (Cockerell, 1937)
Lasioglossum (Ipomalictus) nudatum (Benoist, 1962)
Lasioglossum (Ipomalictus) nyasense (Cockerell, 1945)
Lasioglossum (Ipomalictus) obscurifrons (Cockerell, 1945) **comb. nov.**
Lasioglossum (Ipomalictus) pinnatum (Vachal, 1910)
Lasioglossum (Ipomalictus) platyaspis (Cockerell, 1945) **comb. nov.**
Lasioglossum (Ipomalictus) reenenicum (Cockerell, 1941)
Lasioglossum (Ipomalictus) reticulellum (Cockerell, 1946)
Lasioglossum (Ipomalictus) rufomarginatum (Smith, 1853)
= *Halictus milneri* Cockerell, 1941, **syn. nov.**
Lasioglossum (Ipomalictus) speculum (Benoist 1964)
Lasioglossum (Ipomalictus) stellatifrons (Cockerell, 1945)
Lasioglossum (Ipomalictus) trimeni (Cockerell, 1920) **comb. nov.**
Lasioglossum (Ipomalictus) ufiomicum (Cockerell, 1945)
Lasioglossum (Ipomalictus) urenae Pauly, 2001
Lasioglossum (Ipomalictus) xanthopoides (Friese, 1925)

***Lasioglossum (Ipomalictus) bowkeri* (Cockerell, 1920)**

Halictus bowkeri Cockerell, 1920: 150, ♂, ♀. Holotype ♂: South Africa, Natal, Winkelspruit, 29.XII.1918, leg. C.N. Barker (USNM), not examined. Pauly, 2001: 150 (redescription).



Synonyms

Halictus lamborni Cockerell, 1945: 208, ♀. Holotype ♀: [Malawi] "Nyasaland", Lingadzi near Domira Bay, alt. 1700ft, 3.III.1915, leg. Dr. W.A. Lamborn (BMNH Type HYM 17a1134), examined in 1977 (type without head). **Syn. nov.**

Halictus decorsei Benoist, 1957: 879. Holotype ♀: [Chad] "Oubangui, à l'Est de Fort Archambault, pays Goulei et Nara, de Gangara à Nara et Ngablo, Mission Chari-Tchad, Dr J. Decorse, 1904 (? MNHNP), type not found. Paratypes: [Chad] "Soudan français", Kara, leg. B. Kullenberg, ♂, ♀ (? MNHNP, not found). **Syn. nov.** (following description).

Diagnosis

Very distinctive species. *Female*: completely matte, shagreen scutum with fine, fairly spaced punctation (interpuncture = 2-3 punctures); tergite 1 with fine, dense punctation, striated, the apical margin depressed and not punctated; round head with fairly thick eyes. *Male*: fairly massive, square head, eyes diverging downwards. Punctation as in the female, T1 more striated.

Material examined

TANZANIA

Arusha Region

- AKU (=Aga Khan University), Plot 4, Savannah with Euphorbia, 3°20'4"S 36°35'38"E, 19.IX.2022, YPT, 1♀, leg. D. K & A.P.
- AKU Plot 5, Crop A, 3°20'15"S 36°35'54"E, YPT, 17.IX.2022, 1♀; 24.IX.2022, 1♀, leg. D.K & A.P.
- AKU Plot 2, Jacaranda Forest, 3°21'19"S 36°36'17"E, 27.X.2022, YPT, 1♀, leg. D.K & A.P.
- AKU Plot 8, Lembirara River, 3°19'58"S 36°36'22"E, 03.XI.2022, YPT, 1♀, leg. D.K & A.P.
- AKU Plot 1, Natural Forest, 3°19'51"S 36°36'08"E, 23.IX.2022, YPT, 1♀, leg. D.K & A.P.
- Njiro, 3°26'S 36°42'E, 15.V.2021, Ipomoea "Arbour", 1♀, leg. A.P.
- Njiro, My House, 3°26'56"S 36°42'34"E, 1234 m, 12.I.2021, Ipomoea arbor, 1♂ 1♀; 21.IV.2021, Ipomoea "arb", 1♀; 24.V.2021, Ipomoea arbor, 1♂; 10.XII.2021, Ipomoea orn, 1♂; 05.I.2022, Ipomoea cfr arbor, 3♂ 3♀; 02.VII.2022, Ipomoea alvir, 1♀; 20.XI.2022, Ipomoea arbor, 2♂, all leg. A.P.
- Njiro, East Africa Road, -3.450412 36.687968, 1230 m, Ipomoea bleu ciel, 12.VII.2020, 1♂ 1♀; 25.VII.2020, 3♀; Ipomoea blanc photo, 12.VII.2020, 1♂, all leg. A.P.
- Njiro, "Promontoire" on Themis river, 3°26'57"S 36°42'21"E, YPT, XII.2021, 1♂ 3♀, HGT on *Croton cfr dichogamus*, 10-23.XII.2021, 1♀, leg. A.P.
- Njiro, garden, -3.40341 36.72115, 03.VII.2024, 1♂, leg. N. Vereecken.
- Tawiri Forest, 3°24'42"S 36°42'16"E, 1300 m, YPT, 1-15.VI.2021, 1♂ 2♀; 16-31.VI.2021, 6♀; 1-18.VII.2021, 3♀; 19-31.VII.2021, 1♀; 1-15.VIII.2021, 1♂ 2♀; 17-31.VIII.2021, 1♀; 1-15.IX.2021, 1♂ 3♀; 15-31.IX.2021, 1♀; 1-15.X.2021, 1♂; 1-14.IV.2022, 2♀; 15-31.V.2022, 1♂; 1-14.VI.2022, 2♂ 4♀; 15-30.VI.2022, 7♀; 1-14.VII.2022, 1♀;

20-26.VI.2023, 1♀, all leg. A.P.

– Tawiri Forest, 3°24'42"S 36°42'16"E, 1300 m, 14-18.IX.2023, 1♀, leg. A.P.

– Themí River, south of Arusha, -3.50491 36.774364, 14.IX.2020, *Ipomoea* ? "arbor", 2♀, leg. A.P.

– Usariver, Warren House, 3°21'S 36°50'E, 1245 m, YPT,

I.2020, 1♀;

III.2020, 15♀;

V.2020, 21♀;

VI.2020, 29♀;

VII.2020, 47♀;

IX.2020, 5♂ 30♀;

X.2020, 10♂ 10♀;

XI.2020, 5♂ 1♀;

I.2021, 1♂ 1♀;

II.2021, 1♂ 1♀;

VIII.2021, 1♂ 5♀, all leg. W. Steyn & A.P.

– Usariver, Hughes House, 3°20'51"S 36°51'35"E, 1140 m, YPT,

XI.2019, 1♂ 1♀;

XII.2019, 1♀, all leg. A.P.

– Usariver, Did Dig Road, 25.IX.2020, *Ipomoea* ? *cairica*, 2♂, leg. A.P.

Katavi Region

– MPCC Farm, -7.10414 31.16133, 965 m, 25.VII.2023, YPT, 1♂, leg. A.P & V. Urío.

Kilimanjaro Region

– Sanya Juu, Avocado plantation, 3°09'26"S 37°04'21"E, 1400 m, 10.IX.2020, *Ipomoea* "asarif", 2♀; edge of forest, *Ipomoea* "asarif", 09.XII.2020, 1♂, all leg. A.P.

– Sanya Juu, bord de route, 10.IX.2020, *Ipomoea* "arb", 1♀, leg. A.P.

– Sanya Juu, Avocado plantation, 3°09'S 37°04'E, 1400 m, 24.VIII.2021, *Ipomoea involucrata*, 1♂, leg. A.P.

– Sanya Juu, Avocado plantation, at the edge of the forest, -3.151308 37.077714, 8-22.XII.2020, 100YPT, 5♂ 2♀, leg. A.P.

– Kilimanjaro, 3°19'S 37°41'E, 945 m, 17.III.2018, SAV 1, SASS 250V, 1♀, leg. CAWM, Mweka.

– Kilimanjaro, 3°18'S 36°41'E, 1327 m, 18.VIII.2018, SAV 2, SASS 246B, 1♂, leg. CAWM, Mweka.

– Moshi District, Agroforestry Project, Dry Season 2022, T2F11, BPT, 1♀; T3F6, BPT, 1♀; T1F6, YPT, 1♀; P3N, BPT, 1♀; P15A, BPT, 4♂ 3♀; P14N, BPT, 1♀, all leg. N. Kingazi.

– Machame cross road, 3°19'S 37°14'E, 27.XI.2019, *Astripomoea hyoscyamoides*, friche, 2♂, leg. A.P.

– Machame road, fallow land, 3°19'11"S 37°13'37"E, 30.III.2024, 3♂ 2♀, leg. N. Vereecken.

– Holili, -3.36682 37.61541, 984 m, 02.VIII.2024, *Ipomoea* sp., 3♂ 4♀, leg. N. Vereecken.

Manyara Region

– Kwakuchinja Wildlife Corridor, 3°42'S 35°54'E, Pitfall, X-XI.2023, 1♀, leg. Mroso et al.

Morogoro Region

– Kipera, sweeping crops, 6°56'0"S 37°31'35"E, 560 m, 05.IV.2022, 1♂, leg. A.P.

– Nyerere National Park, Msolwa Station, Mashland, 7°48'S 37°03'E, 17-19.XI.2019, YPT, 1♂, leg. W. Sengo.

– Nyerere National Park, Msolwa Station, Airstrip, 8°48'31"S 37°02'08"E, 30.VII.2022, YPT, 1♀, leg. W. Sengo.

– SUA Main Campus, 6°50'S 37°39'E, 541 m, 07.IV.2022, *Ipomoea* (photo), 2♂, leg. N. Vereecken.

– SUA, Kididimo, -6.85963 37.65156, 25-30.VI.2023, YPT-01, 1♂ 2♀, leg. W. Sengo.

– Nyerere-Selous, X-XI.2023, Pitfall trap, 1♂ 1♀, leg. Mroso et al.

Mwanza Region

– Lake Victoria, Ukerewe, Bwiru Island, 2°07'S 32°53'E, 5-11.XI.2020, 1♀, leg. F.K. & A.P.

Tanga Region

- Pangani, 5°30'26"S 38°58'52"E, 10 m, 20-30.X.2020, YPT, 1♀, leg. W. Steyn & A.P.
- Ushongo, 5°28'04"S 38°59'14"E, 16 m, 17.II.2024, *Ipomoea arbust*, 3♂ 1♀, leg. A.P.

Zanzibar

- Hotel on the Rock, -6.286423 39.537593, 30.VI.2021, *Ipomoea pescaprae*, 4♂[^] 3♀, leg. A.P.