



Plume Moths (Lepidoptera: Pterophoridae) of Ethiopia Part 3

PETR YA. USTJUZHANIN^{1,2,*}, VASILY N. KOVTUNOVICH³

¹Altai State University, Lenina 61, Barnaul, RU-656049, Russia.

²Biological Institute, Tomsk State University, Lenina Prospekt 36, Tomsk 634050, Russia.

³Moscow, Russia. E-mail: vasko-69@mail.ru;  <https://orcid.org/0000-0001-5091-4263>

* Corresponding author. E-mail: petrust@mail.ru;  <https://orcid.org/0000-0002-5222-2241>

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Abstract

The article gives a faunal overview on Pterophoridae of Ethiopian considering all the literature data and new findings. The plume moths fauna of Ethiopia currently includes 59 species, 6 of which are reported for the first time (marked with *). For the latter, data on collected specimens and photos of adults are used.

Key words: biodiversity, fauna, Lepidoptera, Pterophoridae, plume moths, Africa, new data.

Introduction

The third part, devoted to the Pterophoridae fauna of Ethiopia, considers the specimens from SMNS - State Museum of Natural history (Stuttgart, Germany). In our first two articles on plume moths of Ethiopia (Ustjuzhanin *et al.* 2011, Ustjuzhanin *et al.* 2022b) we presented 16 species new to the fauna of this region and five species new to science. In the current study, we add six more species, new to the fauna of Ethiopia. We also summarize all the published data on the plume moths fauna of Ethiopia. Despite the fact that the Pterophoridae list currently includes 59 species, the species composition of plume moths will undoubtedly be supplemented with new findings.

Taxonomical part

Agdistis malitiosa Meyrick, 1909

Agdistis malitiosa Meyrick, 1909: 4. (Type locality: Pretoria, Rep. S. Africa).

Distribution: Rep. S. Africa, Lesotho, Kenya, Malawi, Zambia, Zimbabwe, Namibia, Rwanda, Tanzania, Uganda, Congo, Ethiopia (De Prins & De Prins 2022).

Agdistis obstinata Meyrick, 1920

Agdistis obstinata Meyrick, 1920: 44. (Type locality: Nairobi Forest, Kenya).

Distribution: Saudi Arabia, Yemen, Democratic Republic of the Congo, Kenya, Tanzania, Rep. S. Africa, Uganda, Ethiopia (De Prins & De Prins 2022).

***Deuterocopus socotranus* Rebel, 1907**

Deuterocopus socotranus Rebel, 1907: 115. (Type locality: Yemen, Sokotra Island).

Distribution: Yemen, Rep. S. Africa, Somalia, Malawi, Zambia, Zimbabwe, Mozambique, Ivory Coast, Democratic Republic of Congo, Ghana, Kenya, Namibia, Nigeria, Tanzania, Uganda (De Prins & De Prins 2022), Ethiopia (Ustjuzhanin *et al.* 2022b); Oman, Japan, India, Sri Lanka, Thailand, Taiwan, Myanmar, Indonesia, New Guinea, Australia (De Prins & De Prins 2022).

***Titanoptilus stenodactylus* Fletcher, 1911**

Oxyptilus stenodactylus Fletcher, 1911: 282. (Type locality: Mashonaland, Zimbabwe).

Titanoptilus patellatus Meyrick, 1913: 109. (Type locality: Durban, Natal, Rep. S. Africa. Africa).

Titanoptilus laniger Bigot, 1969: 183. (Type locality: Elizabethville, Democratic Republic of Congo).

Distribution: Zimbabwe, Rep. S. Africa, Democratic Republic of Congo, Tanzania, Comoros, Eswatini, Kenya, Malawi (De Prins & De Prins 2022), Uganda, Namibia, Ethiopia (Ustjuzhanin *et al.* 2022b).

***Platyptilia aarviki* Gielis, 2008**

Platyptilia aarviki Gielis, 2008: 46. (Type locality: Mt Kenya National Park, Kenya).

Distribution: Kenya, Ethiopia (De Prins & De Prins 2022).

***Platyptilia anjuta* Ustjuzhanin & Kovtunovich, 2022**

Platyptilia anjuta Ustjuzhanin & Kovtunovich, 2022: 47. (Type locality: Ostafrikanisher Graben Gidole, Ethiopia).

Distribution: Ethiopia (Ustjuzhanin *et al.* 2022b).

***Platyptilia daemonica* Meyrick, 1932**

Platyptilia daemonica Meyrick, 1932: 109. (Type locality: Jem-Jem Forest, Ethiopia).

Distribution: Ethiopia (Meyrick 1932).

***Platyptilia farfarella* Zeller, 1867**

Platyptilus farfarellus Zeller, 1867a: 334. (Type locality: Meseritz, Poland).

Platyptilia molopias Meyrick, 1906: 135. (Type locality: Maskeliya, Ceylon).

Platyptilia periacta Meyrick, 1910: 411. (Type locality: Cape Town, South Africa).

Platyptilia claripicta Fletcher, 1910: 400. (Type locality: Mahé, Cascade Estat, Seychelles).

Distribution: Europe, Iran, Japan, Kazakhstan, Siberia, Mongolia; Rep. S. Africa, Madagascar, Mauritius, Uganda, Kenya, Tanzania, São Tomé & Príncipe, Nigeria, Ghana, Sierra Leone, Burundi, Cameroon, Democratic Republic of the Congo, Côte d'Ivoire, Equatorial Guinea, Eswatini, Ethiopia, Gabon, Malawi, Seychelles, Zimbabwe; India, Sri Lanka, Bhutan, Indonesia, Thailand, Philippines, New Guinea, Solomon Islands, New Hebrides (De Prins & De Prins 2022).

***Platyptilia gondarensis* Gibeaux, 1994**

Platyptilia gondarensis Gibeaux, 1994: 424. (Type locality: Gondar Province, Ethiopia).

Distribution: Ethiopia (Gibeaux 1994), Kenya, Uganda (De Prins & De Prins 2022).

***Platyptilia implacata* Meyrick, 1932**

Platyptilia implacata Meyrick, 1932: 109. (Type locality: Jem-Jem Forest, Ethiopia).

Distribution: Ethiopia.

***Platyptilia morophaea* Meyrick, 1920**

Platyptilia morophaea Meyrick, 1920: 38. (Type locality: station 39, Kenya).

Distribution: Kenya, Burundi, Democratic Republic of the Congo, Ethiopia, Malawi, Tanzania (De Prins & De Prins 2022).

***Platyptilia odiosa* Meyrick, 1924**

Platyptilia odiosa Meyrick, 1924: 93. (Type locality: Natal, Impetyeni Forest, Rep. S. Africa).

Distribution: Rep. S. Africa, Ethiopia (De Prins & De Prins 2022).

Platyptilia roberti Ustjuzhanin & Kovtunovich, 2022

Platyptilia roberti Ustjuzhanin & Kovtunovich, 2022: 49. (Type locality: Gamo-Gofa, S. Ethiopia).

Distribution: Ethiopia (Ustjuzhanin *et al.* 2022b).

Platyptilia sabius (Felder & Rogenhofer, 1875)

Mimeseoptilus sabius Felder & Rogenhofer, 1875: plate 140, fig. 60. (Type locality: "Caffraria, fl. Baschee", Rep. S. Africa).

Distribution: Rep. S. Africa, Democratic Republic of the Congo, Eswatini, Ethiopia, Kenya, Lesotho, Malawi, Tanzania, Zambia, Zimbabwe. (De Prins & De Prins 2022).

****Vietteilus vigens*** (Felder & Rogenhofer, 1875) (Fig. 1)

Oxyptilus vigens Felder & Rogenhofer, 1875 (Type locality: [New Zealand], "Nova Seelandia [ex error]).

Amblyptilus africae Walsingham, 1881: 278. (Type locality: Spring Vale, Rep. S. Africa).

Platyptilia maligna Meyrick, 1913: 110. (Type locality: Camperdown, Rep. S. Africa).

Material examined. 1 male, ETHIOPIA (Caffa) Ghimira, 2000m, xii.1957, R. Schäuuffele leg.

Distribution: Rep. S. Africa, Kenya, Democratic Republic of the Congo, Reunion Island, Rwanda, Malawi, Tanzania, Liberia. (De Prins & De Prins 2022), Ethiopia.



Figure 1. *Vietteilus vigens* (Felder & Rogenhofer, 1875). Male, ETHIOPIA (Caffa) Ghimira, 2000m, xii.1957, R. Schäuuffele leg.

Stenoptilodes taprobanes (Felder & Rogenhofer, 1875)

Amblyptilia taprobanes Felder & Rogenhofer, 1875: plate 140, fig. 54. (Type locality: Ceylon, [Sri Lanka]).

Platyptilia legrandi Bigot, 1962b: 86. (Type locality: Mahé, Beau Vallon, Seychelles).

Stenoptilodes vittata Service, 1966: 11. (Type locality: Nigeria).

Distribution: Widely spread in tropical and subtropical regions.

Stenoptilia aethiopica Gibeaux, 1994

Stenoptilia aethiopica Gibeaux, 1994: 430. (Type locality: Sidamo, Wondo-Genet, Ethiopia).

Distribution: Ethiopia (Gibeaux 1994), Kenya (Gielis 2011).

Stenoptilia amharae Gielis, 2011

Stenoptilia amharae Gielis, 2011: 46. (Type locality: Simien Mts NP, Ethiopia).

Distribution: Ethiopia (Gielis 2011).

Stenoptilia monikae Ustjuzhanin & Kovtunovich, 2022: 51. (Type locality: Gemu Arba Minch, Ethiopia).

Distribution: Ethiopia (Ustjuzhanin *et al.* 2022b).

Stenoptilia petraea Meyrick, 1908

Stenoptilia petraea Meyrick, 1908: 504. (Type locality: Palni Hills, India).

Distribution: India; Ethiopia, Kenya (De Prins & De Prins 2022).

Stenoptilia rougeoti Gibeaux, 1994

Stenoptilia rougeoti Gibeaux, 1994: 426. (Type locality: Bale, marais de Dinsho, Ethiopia).

Distribution: Ethiopia (Gibeaux 1994).

Stenoptilia tyropiesta Meyrick, 1932

Stenoptilia tyropiesta Meyrick, 1932: 109. (Type locality: Mt Chillalo, Ethiopia).

Distribution: Ethiopia (Meyrick 1932).

Stenoptilia zophodactyla (Duponchel, 1838)

Pterophorus zophodactylus Duponchel, 1840: 668. (Type locality: Pyrénées-Orientales, France).

Distribution: Widely spread in tropical and subtropical regions.

Xyroptilia monomotapa Kovtunovich & Ustjuzhanin, 2006

Xyroptilia monomotapa Kovtunovich & Ustjuzhanin, 2006: 260. (Type locality: Monapo, Mozambique).

Distribution: Mozambique (Kovtunovich & Ustjuzhanin 2006), Ethiopia (Ustjuzhanin *et al.* 2022b).

Amblyptilia direptalis (Walker, 1864)

Oxyptilus direptalis Walker, 1864: 934. (Type locality: Cape Province, Rep. S. Africa).

Platyptilia amblydectis Meyrick, 1932: 108. (Type locality: Jem-Jem Forest, Ethiopia).

Distribution: Rep. S. Africa, Burundi, Democratic Republic of the Congo, Malawi, Tanzania, Zimbabwe, Kenya, Ethiopia; India, Sri Lanka (De Prins & De Prins 2022), China (Ustjuzhanin *et al.* 2021a).

Inferuncus strictiformis (Meyrick, 1932)

Platyptilia strictiformis Meyrick, 1932: 251. (Type locality: Kampala, Uganda)

Platyptilia spiculivalva Gielis, 1990: 120. (Type locality: E Usambara Mts., Amani, Tanzania)

Distribution: Uganda, Tanzania, Congo, (De Prins & De Prins 2022, Ethiopia (Ustjuzhanin *et al.* 2022b).

Sphenarches anisodactylus (Walker, 1864)

Sphenarches anisodactylus Walker, 1864: 934. (Type locality: [Sri Lanka], Ceylon).

Platyptilia pygmaeana Strand, 1913: 64. (Type locality: Cameroon).

Distribution: Widely spread in tropical and subtropical regions.

Exelastis atomosa (Walsingham, 1885)

Acipitilia atomosa Walsingham, 1885: 885. (Type locality: Bombay, India).

Distribution: Nepal, India; Cape Verde, Eswatini, South Africa, United Arab Emirates, Uganda, Malawi, Nigeria, Ethiopia, Tanzania, Kenya, Madagascar, Yemen, Zimbabwe (De Prins & De Prins 2022).

Exelastis bergeri Bigot, 1969

Exelastis bergeri Bigot, 1969: 176. (Type locality: Eala [5 km E of Mbandaka], Democratic Republic of Congo).

Distribution: Democratic Republic of the Congo, Congo, Côte d'Ivoire, Gabon, Cameroon, Madagascar, Comoros, Reunion (De Prins & De Prins 2022).

Exelastis ebalensis (Rebel, 1907)

Alucita ebalensis Rebel, 1907: 114. (Type locality: Aden, Ma'alle Ebene, Yemen).

Exelastis caroli Gielis, 2008: 48. (Type locality: 18 km S of Malindi, Watamu, Kenya).

Karachia xylochromella Amsel, 1968: 15. (Type locality: Karachi, Pakistan).

Distribution: Yemen, Democratic Republic of the Congo, Burundi, Côte d'Ivoire, Ethiopia, South Africa, Yemen, Kenya, Ghana (De Prins & De Prins 2022); Oman (Ustjuzhanin *et al.* 2019), Pakistan (Ustjuzhanin *et al.* 2021b).

Exelastis montischristi (Walsingham, 1897)

Pterophorus montischristi Walsingham, 1897: 59. (Type locality: Santo Domingo, Monte Christi, Dominican Republic).

Pterophorus cervinicolor Barnes & McDunnough, 1913: 185. (Type locality: Florida, Everglade, USA).

Distribution: USA, Virgin Islands, Martinique, Grenada, Jamaica, Puerto Rico, Brazil (Gielis 2006). Bahamas, Barbados, Cayman Islands, Ecuador: Galapagos Islands, Grenada, Haiti, Virgin Islands, USA: Florida and Texas (Matthews & B. Landry 2008); Paraguay (Ustjuzhanin & Kovtunovich 2022); Democratic Republic of the Congo, Eswatini, Ethiopia, Kenya, Malawi, Namibia, Nigeria, South Africa, Tanzania, Zambia, Zimbabwe (De Prins & De Prins 2022); Oman (Ustjuzhanin *et al.* 2021c).

Exelastis phlyctaenias (Meyrick, 1911)

Marasmarcha phlyctaenias Meyrick, 1911: 106. (Type locality: Puttalam [Sri Lanka], Ceylon).

Distribution: Sri Lanka, Philippines; Comoros, Côte d'Ivoire, Ethiopia, Ghana, Guinea, Malawi, Madagascar, Mauritius, Oman, Reunion Island, Tanzania; Virgin Islands (De Prins & De Prins 2022); Bolivia (Ustjuzhanin *et al.* 2021d), Paraguay (Ustjuzhanin & Kovtunovich 2022).

****Exelastis pumilio*** (Zeller, 1873) (Fig. 2)

Mimeseoptilus pumilio Zeller, 1873: 324. (Type locality: Texas, Dallas, USA).

Marasmarcha liophanes Meyrick, 1886: 19. (Type locality: Saint-Denis, Reunion Island).

Material examined. 1 female, ETHIOPIA, Boher Der, xii 1968, R. Schäuuffele leg.

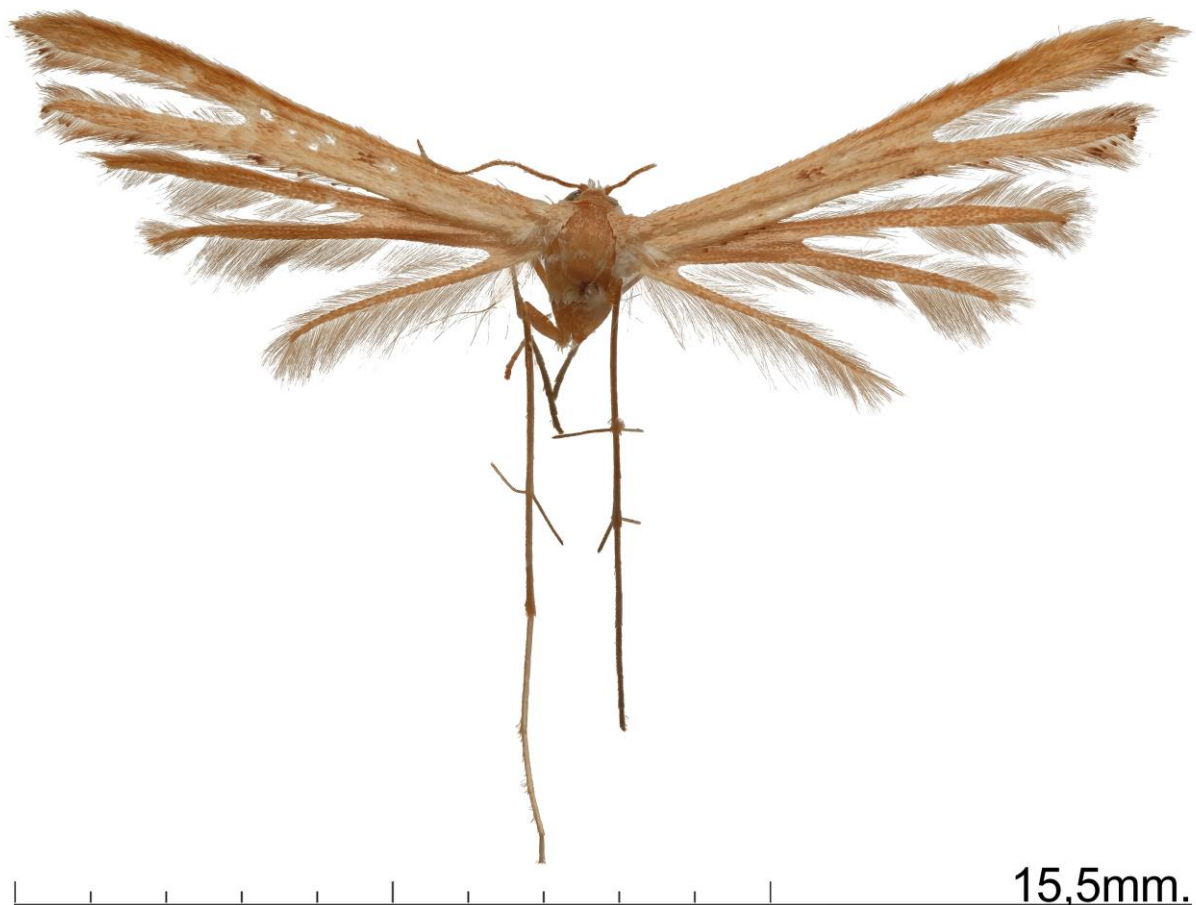


Figure. 2. *Exelastis pumilio* (Zeller, 1873). Female, ETHIOPIA, Boher Der, xii 1968, R. Schäuuffele leg.

Distribution: Cape Verde, Chad, Democratic Republic of the Congo, Côte d'Ivoire, Eswatini, Gambia, Ghana, Kenya, Liberia, Madagascar, Malawi, Mali, Mauritius, Nigeria, Reunion Island, Seychelles, Sierra Leone, Rep. S. Africa, Tanzania, Zimbabwe (De Prins & De Prins 2022), Ethiopia; Fatu Hiva, Fiji, Guam, New Guinea, Palau, USA (Missouri, New Jersey, Texas), Argentina, Barbados, Bolivia, Brazil, Colombia, Costa Rica, Cuba, Ecuador, Guadeloupe, Jamaica, Mexico, Paraguay, Puerto Rico, Surinam, Tahiti, Virgin Islands; Philippines, Taiwan, Thailand; China, Japan, Nepal (De Prins & De Prins 2022), Oman (Ustjuzhanin *et al.* 2021c).

Arcoptilia gizan Arenberger, 1985

Arcoptilia gizan Arenberger, 1985: 167. (Type locality: Hakimah, near Abu Arish, Saudi Arabia).

Distribution: Saudi Arabia, Yemen, Ethiopia, Somalia, Oman (De Prins & De Prins 2022).

Paracapperia esuriens (Meyrick, 1932)

Oxyptilus esuriens Meyrick, 1932: 108. (Type locality: Jem-Jem Forest, Ethiopia).

Trichoptilus infernus Meyrick, 1939: 3. (Type locality: Parc National Albert, Kibati [Democratic Republic of Congo]).

Distribution: Democratic Republic of Congo, Tanzania, Malawi, Ethiopia, Zimbabwe, Kenya, Rep. S. Africa (De Prins & De Prins 2022).

Capperia insomnis Townsend, 1956

Capperia insomnis Townsend, 1956: 93. (Type locality: Nakuru, Kenya)

Procapperia hackeri Arenberger, 2002: 74. (Type locality: Yemen)

Distribution: Kenya, Congo, Malawi, Namibia, Tanzania, Yemen, Zimbabwe, (De Prins & De Prins 2022, Ethiopia (Ustjuzhanin *et al.* 2022b).

Stenodacma wahlbergi (Zeller, 1852)

Pterophorus wahlbergi Zeller, 1852: 346. (Type locality: Kafferland, Rep. S. Africa).

Pterophorus rutilalis Walker, 1864: 943. (Type locality: Durban, Rep. S. Africa).

Oxyptilus rutilans Wollaston, 1879: 441. (Type locality: St. Helena Island).

Stenodacma iranella Amsel, 1959: 30. (Type locality: Anbar-Abad, Iran).

Distribution: Rep. S. Africa, Burundi, Cameroon, Comoros, Democratic Republic of Congo, Eswatini, Ethiopia, Ghana, Kenya, Madagascar, Malawi, Seychelles, Zimbabwe, Tanzania, Mauritius, Namibia, Reunion Island, St. Helena Island; Saudi Arabia, Yemen, India, Pakistan, Sri Lanka; Iran; Australia (De Prins & De Prins 2022).

Megalorhipida leptomerus (Meyrick, 1886)

Trichoptilus leptomerus Meyrick, 1886: 15. (Type locality: Saint-Denis, Reunion Island).

Distribution: Democratic Republic of Congo, Eswatini, Kenya, Madagascar, Malawi, Namibia, Reunion Island, Oman, Seychelles, Rep. S. Africa, Tanzania, Yemen (De Prins & De Prins 2022), Ethiopia (Ustjuzhanin *et al.* 2022b).

Megalorhipida leucodactylus (Fabricius, 1794)

Pterophorus leucodactylus Fabricius, 1794: 346. (Type locality: Virgin Islands).

Pterophorus defectalis Walker, 1864: 943. (Type locality: Sierra Leone).

Pterophorus congrualis Walker, 1864: 943. (Type locality: Sierra Leone).

Distribution: Widely spread in tropical and subtropical regions.

****Gypsochares pachyceros*** (Meyrick, 1921) (Fig. 3)

Pselnophorus pachyceros Meyrick, 1921: 50. (Type locality: Mozambique & Rep. S. Africa).

Material examined. 1 male, ETHIOPIA (Caffa) Ghimira, 2000m, xii.1957, R. Schäuuffele leg.; 1 male, 1 female, S. ETHIOPIA, Gidole, Prov. Gamu Gofa 2200m, 23.ii.-05.iii.1960, W. Richter leg; 1 female, ETHIOPIA, Boher Der, i.1969, R. Schäuuffele leg.

Distribution: Mozambique, Rep. S. Africa, (De Prins & De Prins 2022), Ethiopia.

****Crassuncus agassizi*** Ustjuzhanin & Kovtunovich, 2016 (Fig. 4)

Crassuncus agassizi Ustjuzhanin & Kovtunovich, 2016: 396. (Type locality: Kibale, Uganda).

Material examined. 1 male, ETHIOPIA (Jlubador) Gore, 2007m, 8-23.xii.1959, Richter leg.

Distribution: Uganda (Ustjuzhanin *et al.* 2016), Ethiopia.



Figure. 3. *Gypsochaeres pachyceros* (Meyrick, 1921). Male, ETHIOPIA (Caffa) Ghimira, 2000m, xii.1957, R. Schäufler leg.

Crassuncus ecstaticus (Meyrick, 1932)

Pterophorus ecstaticus Meyrick, 1932: 335. (Type locality: Uganda).

Crassuncus chappuisi Gibeaux, 1994: 450. (Type locality: Kenya).

Picardia ecstaticus (Meyrick, 1932). (Gielis 2003, 2011).

Distribution: Uganda, Kenya, Rep. S. Africa, Tanzania, Malawi, Democratic Republic of Congo, Ethiopia (Ustjuzhanin *et al.* 2022b).

Hellinsia aethiopicus (Amsel, 1963)

Leioptilus aethiopicus Amsel, 1963: 6. (Type locality: Gembi, Ethiopia).

Distribution: Ethiopia, Congo, Nigeria, Rep. S. Africa, Ghana, Zimbabwe (De Prins & De Prins 2022), Republic of Guinea (Ustjuzhanin *et al.* 2022a).

Hellinsia ambo Ustjuzhanin & Kovtunovich, 2011: 356. (Type locality: West Shewa, Ethiopia).

Hellinsia ruhuruinia Gielis, 2011: 51. (Type locality: Aberdare National Park, Ruhuruini Gates, Kenya).

Distribution: Ethiopia, Kenya, Rwanda, Uganda, Ghana (De Prins & De Prins 2022).

Hellinsia bigoti (Rougeot, 1983)

Leioptilus bigoti Rougeot, 1983: 232. (Type locality: Simyen, Sankaber, Ethiopia).

Distribution: Ethiopia (Rougeot 1983).

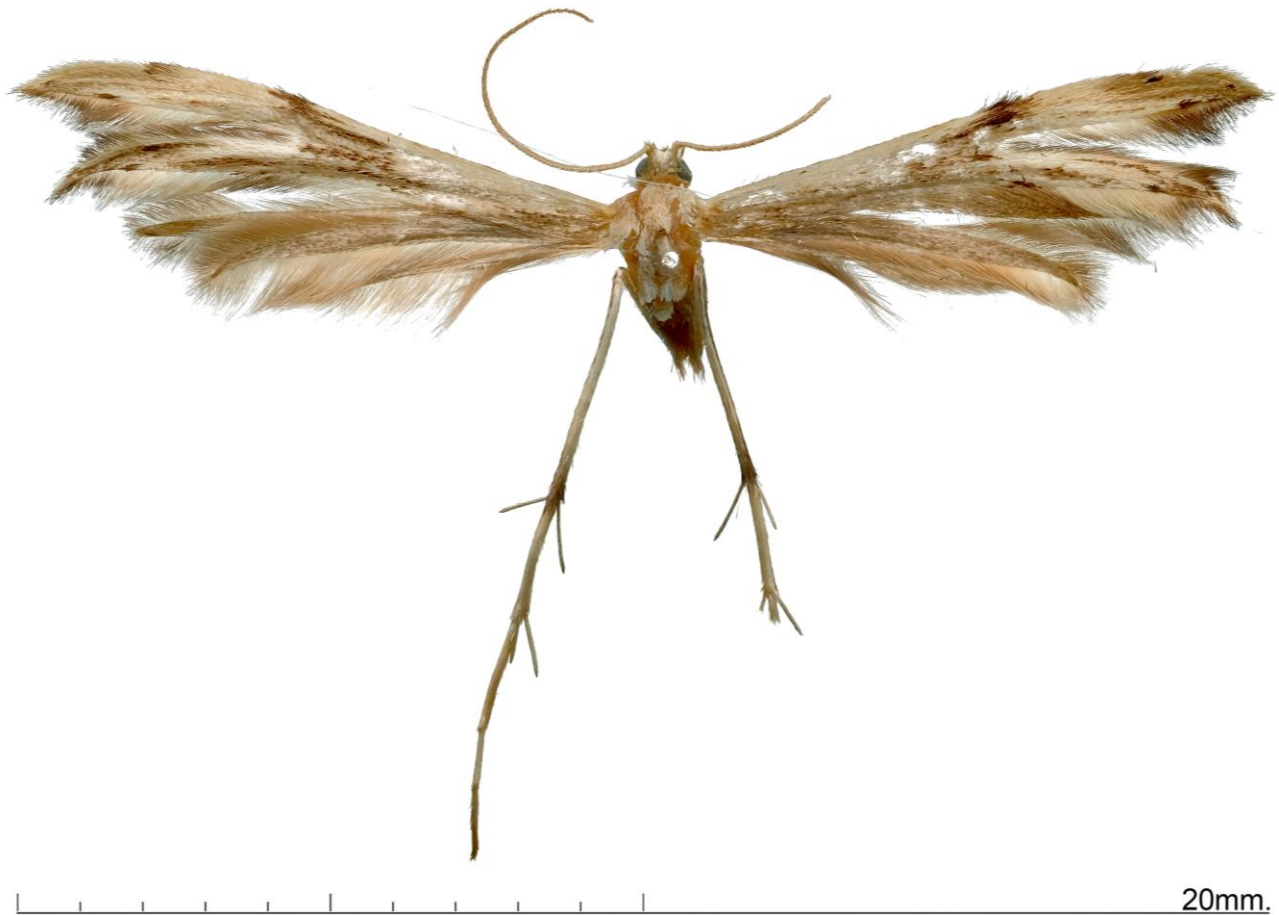


Figure. 4. *Crassuncus agassizi* Ustjuzhanin & Kovtunovich, 2016. Male, ETHIOPIA (Jlubador) Gore, 2007m, 8-23.xii.1959, Richter leg.

Hellinsia lienigianus (Zeller, 1852)

Pterophorus lienigianus Zeller, 1852: 380. (Type locality: Letland).

Pterophorus victorianus Strand, 1913: 130. (Type locality: Victoria, Cameroon).

Distribution: Europe, Siberia, Russian Far East, Kazakhstan, China; India, Sri Lanka, Philippines, Taiwan, Vietnam, Iran, Japan, Korea, Syria; Australia; Cameroon, Democratic Republic of Congo, Cote d'Ivoire, Ethiopia, Kenya, Rep. S. Africa, Zimbabwe (De Prins & De Prins 2022).

****Hellinsia nawrothi*** Ustjuzhanin & Kovtunovich, 2016 (Fig. 5)

Hellinsia nawrothi Ustjuzhanin & Kovtunovich, 2016: 398. (Type locality: Mpanga Forest, Uganda).

Material examined. 1 male, ETHIOPIA (Caffa) Ghimira, 2000m, xii.1957, R. Schäuffele leg.

Distribution: Uganda (Ustjuzhanin *et al.* 2016), Ethiopia.

Emmelina lochmaius (Bigot, 1974)

Leioptilus lochmaius Bigot, 1974: 701. (Type locality: Makokou, Ipassa, Gabon).

Distribution: Gabon, Democratic Republic of Congo, Ethiopia, Kenya (De Prins & De Prins 2022).

Emmelina monodactyla (Linnaeus, 1758)

Phalaena Alucita monodactyla Linnaeus, 1758: 542. (Type locality: Europe).

Distribution: Burundi, Kenya, Saudi Arabia, United Arab Emirates, Yemen (De Prins & De Prins 2022), Ethiopia; Europe, the Caucasus, Central Asia, Kazakhstan, southern Siberia east to Tuva, Mongolia, China, India, Philippines, North and South America (Ustjuzhanin *et al.* 2022b).



Figure 5. *Hellinsia nawrothi* Ustjuzhanin & Kovtunovich, 2016. Male, ETHIOPIA (Caffa) Ghimira, 2000m, xii.1957, R. Schäufler leg.

****Adaina propria*** Meyrick, 1921 (Fig. 6)

Adaina propria Meyrick, 1921: 50. (Type locality: Magude, Mozambique).

Material examined. 1 female, ETHIOPIA, Boher Der, vi.1969, R. Schäufler leg.

Distribution: Mozambique, Tanzania (De Prins & De Prins 2022), Ethiopia.

Picardia negus (Gibeaux, 1994)

Oidaematophorus negus Gibeaux, 1994: 435. (Type locality: Wondo-Genet, Ethiopia).

Distribution: Ethiopia (Gibeaux 1994).

Picardia ruwenzoricus (Gielis, 1991)

Oidaematophorus ruwenzoricus Gielis, 1991: 13. (Type locality: Parc National Albert, Democratic Republic of Congo).

Distribution: Democratic Republic of Congo (Gielis 1991), Ethiopia (Ustjuzhanin & Kovtunovich, 2022b).

Merrifieldia lonnvei Gielis, 2011

Merrifieldia lonnvei Gielis, 2011: 53. (Type locality: 8 km NW Addis Zemen, Ethiopia).

Distribution: Ethiopia (Gielis 2011).

Pterophorus albidus (Zeller, 1852)

Aciptilus albidus Zeller, 1852: 397. (Type locality: KwaZulu-Natal, Caffraria, Rep. S. Africa).

Alucita endophaea Meyrick, 1930: 567. (Type locality: Laurenço Marques, Mozambique).

Distribution: Rep. S. Africa, Botswana, Gambia, Mozambique, Nigeria, Kenya, Malawi, Tanzania, Democratic Republic of Congo, Uganda, Cameroon, Tchad, Cote d'Ivoire, Zimbabwe, Zanzibar, Madagascar, Reunion Island. S. Sudan Ethiopia Liberia, Sierra Leone; Thailand, Vietnam, Indonesia, Philippines, Irian Jaya, Australia, Japan (De Prins & De Prins 2022).



Figure 6. *Adaina propria* Meyrick, 1921. Female, ETHIOPIA, Boher Der, vi.1969, R. Schäuffele leg.

Pterophorus candidalis (Walker, 1864)

Aciptilus candidalis Walker, 1864: 948. (Type locality: Sierra Leone).

Distribution: Sierra Leone, Cameroon, Cote d'Ivoire, Ethiopia, Kenya, Tanzania, Chad, Democratic Republic of Congo, Congo, Burundi, Rep. S. Africa, Ghana, Malawi, Mozambique, Namibia, Nigeria, Gabon, Central African Republic, Liberia, Uganda, Zimbabwe, Zambia (De Prins & De Prins 2022).

Pterophorus lindneri (Amsel, 1963)

Aciptilia lindneri Amsel, 1963: 6. (Type locality: Gore, Ethiopia).

Distribution: Ethiopia (Amsel 1963).

Pterophorus rhyparias (Meyrick, 1907)

Alucita rhyparias Meyrick, 1907: 489. (Type locality: Pretoria, Rep. S. Africa).

Alucita centrocrates Meyrick, 1933: 425. (Type locality: NE Kivu, La Mutura, Democratic Republic of Congo).

Aciptilia viettei Bigot, 1964: 35. (Type locality: Manjakatombo, Ambahona Forest, Madagascar).

Distribution: Rep. S. Africa, Cameroon, Democratic Republic of Congo, Cote d'Ivoire, Malawi, Namibia, Kenya, Tanzania, Ethiopia, Madagascar, Uganda, Rwanda, Yemen, Zimbabwe (De Prins & De Prins 2022).

Pterophoruss spissa (Bigot, 1969)

Aciptilia spissa Bigot, 1969: 202. (Type locality: Eala [5 km E of Mbandaka], Democratic Republic of Congo).

Distribution: Democratic Republic of Congo, Congo, Central African Republic, Ghana, Liberia, Malawi, Nigeria, Cameroon, Uganda, Zimbabwe (De Prins & De Prins 2022), Ethiopia (Ustjuzhanin & Kovtunovich, 2022b).

Cosmoclostis lanceata (Arenberger, 1985)

Pselnophorus lanceatus Arenberger, 1985: 169. (Type locality: Fayfa, Saudi Arabia).

Cosmoclostis gorbunovi Ustjuzhanin & Kovtunovich, 2011: 356. (Type locality: West Shewa, Ethiopia).

Distribution: Saudi Arabia, Yemen, Oman, Ethiopia (De Prins & De Prins 2022).

Discussion

The plume moths of eastern Africa are studied very fragmentarily, due to various objective reasons. For example, only 5 pterophoridae species are known for Somali, while in the neighbouring country, Kenya, there are 88 known species (De Prins & De Prins 2022) in Uganda - 47 (Ustjuzhanin *et al.* 2016), in Malawi - 96 (Kovtunovich *et al.* 2014). This irregularity is mostly connected with real possibilities to visit and study these countries. The territory of Ethiopia has a large area of various landscapes, from highlands to plains. However, the agriculture is quite developed in this country. It often has a negative impact on the environment. Nevertheless, according to our optimistic forecasts, we suggest that the plume moths fauna of Ethiopia may count over 90 species.

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