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Abstracts

Noctuidae of Cape Verde Islands (Lepidoptera, Noctuoidea)

(Hermann H. Hacker, Hans-Peter Schreier and Eyjolf Aistleitner)

The aim of the publication is to give a taxonomic and faunistic revision of the Noctuidae (Lepidoptera) of the Cape Verde Islands, including a summary of the distribution of all species, some details of their bionomics and figures of the genitalia and typical examples of interesting taxa, including their Variability.

In the present fauna 111 species of noctuid moths occurring are dealt with. Among them 2 species, 1 subspecies are described as new to science, two new synonyms and two nomina dubia are stated. In several cases corrections to previous misidentifications are made or dubious taxa and records discussed.

Noctuidae collected by Karlheinz Politzar in Bogué, Mauritania (Lepidoptera, Noctuoidea) (Hermann H. Hacker and Axel Hausmann)

The publication presented here is a continuation of the previous article, the taxonomic and faunistic revision of the Noctuidae (Lepidoptera) of the Cape Verde Islands. It follows the same checklist style including a summary of the distribution of all species, some details of their bionomics and figures of the genitalia and typical examples, including their Variability.

Altogether 155 species of noctuid moths are dealt with here, among them three species and two subspecies are described as new to science, and two new synonyms and one nomen dubium are stated; one hitherto subspecific taxon is upgraded to species rank.

Noctuidae of the Socotra Archipelago (Yemen) with notes on the fauna of the southern Arabian Peninsula (Lepidoptera, Noctuoidea)

(Hermann H. Hacker and Aidias Saldaitis)

The aim of the publication is to give a taxonomic and faunistic revision of the Noctuidae (Lepidoptera) of the Socotra Archipelago, including a summary of the distribution of all species, some details of their bionomics and figures of the genitalia and typical examples of interesting taxa, including their Variability.

In the present fauna, 89 species of noctuid moth known to occur in the area are included. One genus, 11 species and 2 subspecies are described as new to science, three new synonyms are given. In several cases corrections to previous misidentifications are made or dubious taxa and records discussed.

The publication includes a zoogeographical analysis and is supplemented by further new records of the fauna of the adjacent South Arabian countries Oman (28 species) and Yemen (2 species).

The investigations made here show that the noctuid fauna of Socotra fauna is composed of 47 tropical-subtropical species (52%), 30 palaetropical (33%), 17 afrotropical (19%, 26 endemics (29%), 15 eremic species (16%), but surprisingly not a single with asiantropical-subtropical distribution pattern.

Revision of the genus *Oraesia* Guenée, 1852 (Old World) and related genera (Lepidoptera, Noctuoidea, Calpinae)

(Gottfried Behounek, Hermann H. Hacker and Wolfgang Speidel)

The genus *Oraesia* is revised, and a new genus, *Wolframmyia* gen. nov., is erected to accommodate the single Afrotropical "*Calpe*" *imperialis* Grünberg, 1910 which is selected as type of the new genus. In addition, *Fawcettiana* subgen. nov. is described with the type-species *Fawcettiana cerne* (Fawcett, 1916), the single species of the subgenus. The genus *Calyptra* is segregated from the genera revised here and short diagnoses are given for all genera of the complex. *Africalpe* is downgraded to a subgenus of *Oraesia*.

New combinations: *Wolframmyia imperialis* (Grünberg, 1910) comb. nov., *Oraesia vagabunda* Swinhoe, 1884 comb. rev., *Oraesia intrusa* (Krüger, 1939) comb. nov., and *Oraesia falkneri* (Hacker & Ebert, 2002) comb. nov.

New species group taxa include *Oraesia emarginata defreinae* subsp. nov. (type locality Namibia), *Oraesia janinae* spec. nov. (type locality Philippines, Luzon), *Oraesia politzari* spec. nov. (type locality Nigeria), and *Oraesia kathrinae* spec. nov. (type locality Philippines, Mindoro).

Oraesia albescens (Gaede, 1940) stat. rev. and *Oraesia pierronii* (Mabille, 1880) stat. rev. are revived from synonymy and recognized as full species.

New synonymy: *Oraesia cuprea* Saalmüller, 1891 is recognized as a new junior synonym of *Oraesia pierronii* (Mabille, 1880) (syn. nov.).

A new genus of Metarbelidae (Lepidoptera: Cossoidea) from the Afrotropical Region with the description of seven new species

(Ingo Lehmann)

The new genus *Kroonia* is described from the Afrotropical Region including the description of seven new species. Additionally, two species, namely *Lebedodes natalica* Hampson (1910) from eastern and southeastern Africa and *L. fumealis* Janse (1925) from central and southwestern Zimbabwe, are transferred from the genus *Lebedodes* Holland (1893) into the new genus.

Photographs of the adults, illustrations of their wing venation and genitalia, as well as information on the floristic composition of their habitats, are presented. The type species of the new genus is *Kroonia murphyi* spec. nov. which is an Eastern Arc Mountain species with a southerly distribution through Malawi, including coastal lowland forest remnants on Mt. Mulanje, and probably further south into Mozambique. The other six species are *Kroonia dallastai* spec. nov. from Kakamega Forest (West

Kenya), *K. politzari* spec. nov. from Rwankwi (eastern Democratic Republic of Congo), *K. adamaouensis* spec. nov. from the Massif de l'Adamaoua (north-central Cameroon), *K. carteri* spec. nov. from Sédhiou (southwestern Sénégal), *K. heikeae* spec. nov. from Homeb (southwest Namibia) and *K. honeyi* spec. nov. from the Otavi Mountain Range (north-central Namibia). Four species are classified as endemics to Various centres of endemism.

New *Dasypolia* Guenée, 1852 (Lepidoptera: Noctuidae) taxa from Central Asia (Povilas Ivinskis and Aidan Saldaitis)

A new species of *Dasypolia* Guenée, 1852, *D. proverai*, from Uzbekistan and a new subspecies, *D. diva fabienneae* ssp. nov., from Kazakhstan are described. In appearance, both taxa resemble *Dasypolia* (*Dasymixis*) *diva* described from East Turkey but differ in certain external and genital features as well. The female of *Dasypolia diva* is pictured for the first time and the general distribution of this species is discussed.

***Ulotrichopus eugeniae* spec. nov. (Lepidoptera: Noctuidae, Catocalinae) from East-Africa** (Aidas Saldaitis and Povilas Ivinskis)

A new species, *Ulotrichopus eugeniae* spec. nov., from Tanzania and Kenya is described. Externally, the new species resembles *Ulotrichopus dinawa* Bethune-Baker, 1906 and *U. macula* Hampson, 1891, but differs in the genitalia of both sexes and the distribution. Here, we also present new data on *Ulotrichopus pseudocatocala* Strand, 1918 from Rwanda.

***Aethalopteryx diksami*, a new species (Lepidoptera, Cossidae) from Yemen, Sokotra Island** (Roman Yakovlev and Aidan Saldaitis)

A new species of *Aethalopteryx* Schoorl, 1990, *A. diksami*, from Sokotra island is described. In external appearance it resembles *Aethalopteryx mesosticta* (Hampson, 1916) and *A. simillima* (Hampson, 1916) described from Somalia, but differs from both in certain external features.

Two new species of Tischeriidae from East Africa (Lepidoptera, Tischerioidea) (Wolfram Mey)

Two new species of the family Tischeriidae are described: *Tischeria kuehnei* spec. nov. from Rwanda, and *Coptotriche kenyensis* spec. nov. from Kenya, Mount Kenya. The male genitalia of the new species are illustrated. Their presumed relatives are briefly indicated.

A taxonomic review of the genera *Parapsectris* Meyrick, 1911 and *Athrips* Billberg, 1820 in Africa (Oleksiy V. Bidzilya)

The genus *Parapsectris* Meyrick, 1911 and South African members of the genus *Athrips* Billberg, 1820 are revised. 23 *Parapsectris* and 22 South African *Athrips*-species are recognized. 12 new *Athrips*-species (*A. pallida* spec. nov., *A. albicostella* spec. nov., *A. latipalpa* spec. nov., *A. flavida* spec. nov., *A. hirtopalpa* spec. nov., *A. ravidinigra* spec. nov., *A. meyi* spec. nov., *A. angustisaccula* spec. nov., *A. nigrinervosa* spec. nov., *A. dorsimaculata* spec. nov., *A. albibasella* spec. nov., *A. punctosa* spec. nov.) and 10 new *Parapsectris*-species (*P. griseoflavida* spec. nov., *P. savannae* spec. nov., *P. nigrifasciata* spec. nov., *P. curvisaccula* spec. nov., *P. modica* spec. nov., *P. violae* spec. nov., *P. ochrostigma* spec. nov., *P. konradi* spec. nov., *P. alfonsi* spec. nov., *P. feraxoides* spec. nov.) are described from South Africa (Namibia, RSA, Zimbabwe), *Parapsectris povolnyi* spec. nov. is described from Morocco. The genus *Pseudathrips* Povolný, 1986 syn. nov. is considered as a junior synonym of *Parapsectris* Meyrick, 1911, resulting in new combinations for *Pseudathrips*-species: *Athrips irritans* (Povolný, 1989) comb. nov., *Athrips sisterina* (Povolný, 1989) comb. nov., *Parapsectris buettikeri* (Povolný, 1986) comb. nov., *Parapsectris similis* (Povolný, 1981) comb. nov. and *Parapsectris amseli* (Povolný, 1981) comb. nov. Five species are transferred from *Parapsectris* to *Athrips*: *A. zetterstedtiella* (Zeller, 1852) comb. nov., *Athrips phoenaula* (Meyrick, 1913) comb. nov., *Athrips neograptata* (Meyrick, 1914) comb. nov., *Athrips mappigera* (Meyrick, 1914) comb. nov., *Athrips bruneosparsa* (Janse, 1958) comb. nov. One species - *Athrips helicaula* (Meyrick, 1912) comb. nov. is transferred from *Pyncostola* Meyrick, 1917 and *Athrips cretulata* (Meyrick, 1927) comb. nov. is transferred from *Gelechia* Hübner, [1825]. Four species are transferred from *Parapsectris* to *Athrips*: *Parapsectris carinata* (Meyrick, 1911) comb. nov., *Parapsectris exstincta* (Meyrick, 1911) comb. nov., *Parapsectris lacunosa* (Meyrick, 1918) comb. nov. and *Parapsectris ochrococosa* (Meyrick, 1911) comb. nov. *Parapsectris infricta* Meyrick, 1916 is transferred to *Mometa* Durrant, 1914: *Mometa infricta* (Meyrick, 1916) comb. nov. The South African *Athrips*- and all *Parapsectris*-species and its male and female genitalia are redescribed and illustrated. The relationships between *Athrips* and *Parapsectris* are discussed. A brief biogeographic analysis is provided.

Records of interesting eremic Noctuidae species new to several southern Mediterranean countries (Lepidoptera, Noctuidae) (Lutz Lehmann)

Six, mainly eremic, Noctuidae species are reported as new for fauna of the respective country: *Ulotrichopus tinctipennis* (Hampson, 1902) for Morocco, *Anumeta surcoufi* Dumont, 1922 for Tunisia and Libya, *Anumeta quatuor* Berio, 1934 for Tunisia, *Odontelia daphnadesparisae* Kravchenko, Ronkay, Speidel, Witt, Mooser, Junnila, Zilli & Müller, 2007 for Egypt, *Cerocala sana* Staudinger, 1901 for both parts of Cyprus, and *Boursinia deceptrix* (Staudinger, 1900) for Turkey. Information about distribution and phenology of the species are given.

Revisional notes on the Genus *Thiacidas* Walker, 1855 (= *Trisula* Moore, 1858, syn. nov.), new additional data on the Thiacidinae with descriptions of seven new species and two subspecies (Lepidoptera, Noctuidae)

(Hermann H. Hacker and Alberto Zilli)

A revised overview on the genus *Thiacidas* Walker, 1855 (= *Panthauma* Staudinger, 1892; = *Auchenisa* Hampson, 1905; = *Trisulana* Bethune-Baker, 1911; = *Galactomoia* Fawcett, 1916; = *Pteronycta* Fawcett, 1917) by Hacker & Zilli (2007) is supplemented with new data, synonymisation of *Trisula* Moore, 1858 (syn. nov.) with *Thiacidas* Walker, 1855, delegation of the genus *Amblyprora* Bethune-Baker, 1911 to the Thiacidinae and descriptions of the following seven new species and two subspecies: *Thiacidas politzari* Hacker & Zilli spec. nov., *Thiacidas ivoiriana* Hacker & Zilli spec. nov., *Thiacidas fuscomacula* Hacker & Zilli spec. nov., *Thiacidas somaliensis* Hacker & Zilli spec. nov., *Thiacidas subhampsoni* Hacker & Zilli spec. nov., *Thiacidas occidentalis* Hacker & Zilli spec. nov., *Thiacidas orientalis* Hacker & Zilli spec. nov., *Thiacidas dukei moretto* Hacker & Zilli subspec. nov. and *Thiacidas mukim fuscomukim* Hacker & Zilli subspec. nov.

Taxonomische Ergebnisse der Bearbeitung der Nachfalterfauna des südlichen Afrikas (Lepidoptera, Noctuoidea)

(Lars Kühne)

Beiträge zur Taxonomie, Systematik und Faunistik von Noctuidae (Noctuoidea), hauptsächlich aus dem Museum für Naturkunde, Berlin

(Hermann Hacker & Wolfram Mey) 457

Descriptions of six new African Noctuidae species and specification of a new taxonomic combination, mainly dealing with material of the Museum für Naturkunde, Berlin:

Feliniopsis sinaevi Hacker & Mey spec. nov.,
Feliniopsis jinka Hacker spec. nov.,
Feliniopsis parvuloides Hacker spec. nov.,
Stenosticta namibiensis Hacker & Mey spec. nov.,
Stenosticta nigrescens Hacker & Mey spec. nov.,
Stenosticta schreieri Hacker spec. nov.,
Iranada sordesens (Staudinger, 1895) comb. nov.