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Delineation of Types of Tortricidae, 1. Types of Oriental species in the Munich Museum described by A. Diakonoff (Lepidoptera: Tortricidae)

J. Razowski & J. Wojtusiak

Abstract

The paper consists of the data on 58 primary types and one paratype; colour illustrations of 61 adults are provided. Four new combinations are proposed.
KEY WORD: Lepidoptera, Tortricidae, Type species, Diakonoff.

Descripción de los tipos de Tortricidae, 1. Tipos de las especies orientales en el Museo de Munich, descritos por A. Diakonoff (Lepidoptera: Tortricidae)

Resumen

El trabajo consiste en los datos de 58 tipos y un paratipo, se dan ilustraciones a color de 61 adultos. Se proponen cuatro nuevas combinaciones.
PALABRAS CLAVE: Lepidoptera, Tortricidae, tipos, Diakonoff.

Introduction

This is the first paper of our new series on the type specimens of Tortricidae. It is devoted to the complementary, most necessary data for the identification of species - the colour images of the types. Very often we realize that the descriptions are insufficient to imagine the shape of markings and colouration of the species especially because they are subjective. The descriptions of colours differ from work to work even in the case of the same author.

In the majority of publications there is a lack of any figures of adults and only recently have journals begun to publish colour illustrations. Earlier, some works, primarily the atlases, published good illustrations, chiefly reproductions of paintings. Very seldom were these the figures of types. In this series we shall provide, if possible, the images of the primary types and the lectoallotypes. For each species we shall also provide the original citation and the type locality as well as some short notes, if necessary.

The genera are listed alphabetically within their tribes. The species are also discussed and illustrated in alphabetical order within the genera to which they actually belong.

The present part is devoted to the types of the Asian species described by A. Diakonoff in his four papers (DIAKONOFF 1955, 1971, 1976, 1989). The species are deposited in the collection of Zoologische Sammlung des Bayerischen Staates München (ZMS) and come from Karakorum, Nepal, and Thailand. Only one species is from Java. The papers of 1971 and 1976 provide the drawings and photographs of the genitalia, while the one of 1955 presents the black and white photographs of the adults.

Material

The discussed type material is housed in the ZSM. The photographs are taken by the junior author. The types of two species have not been located, chiefly because of the recent rearrangement of the collection.

List of species arranged alphabetically within the tribes

Tortricinae
Tortricini

atomophora, Nepal - *Acleris*
denticulosa, Nepal - *Acleris*
exaesia, Nepal - *Transita*
fistularis, Nepal - *Acleris*
gerdia, Nepal - *Spatalistis*
medea, Nepal - *Acleris*
monagma, Nepal - *Acleris*
oenina, Paratorna, Nepal - *Cnesteboda*
pallidorbis, Nepal - *Acleris*

Cochylini

aethoclasma, Nepal - *Cochylis*
altivaga, Nepal, *Cochylidia* - not located
dynodesma, Karakorum, *Cryptocochylis - Eupoecilia*
irmozona, *Aethes*, Nepal- referable to Noctuidae, not included
stirodelphys, *Cochylis*, Nepal - *Gynnidomorpha*

Ceracini

nepalensis, Nepal - *Cerace stipatana* ssp.
semnologa, Nepal - *Cerace*

Cnephasiini

hunzorum, Karakorum - *Cnephasia*

Archipini

apona, Nepal - *Diplocalyptis*
argutus, Nepal - *Archips termias* ssp.
bathymorpha, Nepal - *Meridemis*
cruenta, Nepal - *Dynatocephala omophaea*
dierli, Nepal - *Archips*
furtiva, Nepal - *Meridemis*
lissochrysa, Nepal - *Capua*
percornutum, Nepal - *Leontochroma*
quadratica, Nepal, *Choristoneura*
regressa, Nepal, *Pandurista*
rhodoconia, Nepal - *Ancyroclepsis*

Olethreutinae
Bactrini

ochrographa, Nepal - *Bactra*

Olethreutini

choanantha, Thailand - *Sycacantha*
formosa, Thailand - *Sycacantha*
macrosperma, Thailand - *Syntozyga*
melanoxenia, Thailand - *Triheteracra*
rubida, Thailand, *Sycacantha inodes* ssp. - paratype
siamensis, Thailand - *Sycacantha*

Eucosmini

concava, Nepal, *Epiblema*
leucotoma, Eucosma, Nepal - *Lepteucosma*
obscura, Nepal, *Gibberifera* - not located
oxychrysa, Karakorum - *Lepteucosma*
pollinaria, Karakorum - *Pelochrista*
stenoglypha, Java - *Acroclita*

Grapholitini

acquiescens, Nepal - *Selania*
acrocosma, Tailand - *"Matsumuraeses", Ecosmini*
astrapephora, Nepal - *Grapholita*
aurata, Nepal - *Dierlia*
bathysema, Nepal - *Pammene*
bicincta, Nepal - *Grapholita*
charops, Thailand - *Cydia*
chrysacrotoma, Nepal - *Grapholita*
cyanatra, Nepal - *Cydia*
cyanodesma, Nepal - *Parapammene*
euterpes, Karakorum - *Dichrorampha*
graphologa, Nepal - *Strophedra*
hemitoma, Nepal - *Thaumatotibia*
heptatoma, Nepal - *Grapholita*
hygrotrema, Thailand - *Cydia*
mica, Nepal - *Strophedra*
micrometra, Nepal, *Cryptophlebia* - not located
nannophthalma, Nepal - *Thaumatotibia*
nebulocula, Nepal - *Cydia*
namatophora, Nepal - *Grapholita*
pericapna, Nepal - *Parapammene*
phthoneris, Nepal - *Pammene*
poeciloptera, Nepal - *Dierlia*
tricyanitis, Nepal - *Grapholita*
ulophora, Thailand - *Centroxena*
xantholoba, Nepal - *Matsumuraeses*

Catalogue

Tortricinae
Tortricini

Acleris atomophora Diakonoff, 1976 (Fig. 1)
Acleris atomophora Diakonoff, 1976: 60; t. l.: Nepal: Helmu: Gusum Banjyang.

Compared externally with *A. loxoscia* (Meyrick, 1908). Very closely related to *loxoscia*, differing from it in having longer proximal corners of the sterigma and a slender proximal part of ductus bursae (cf. RAZOWSKI 2008).

Acleris denticulosa Diakonoff, 1976 (Fig. 2)
Acleris denticlosa Diakonoff, 1976: 66; t. l.: Nepal: East Junbesei.

Compared with *A. quadridentana* (Walsingham, 1900); female genitalia figured (Figs 58, 59).

Acleris fistularis Diakonoff, 1976 (Fig. 3)
Acleris fistularis Diakonoff, 1976: 65; t. l.: Nepal: Khumjug.

No original comparative diagnosis. It is closely related to *A. bicolor* Kawabe, 1963 from Japan; both species have long, setose posterior part of sacculus without a pointed angular prominence but *fistularis* has larger socius, tuba analis, and a longer aedeagus (cf. RAZOWSKI 2008).

Acleris medea Diakonoff 1976 (Fig. 4)
Acleris medea Diakonoff 1976: 61; t. l.: Nepal: Thodung.

Originally compared with *A. extensana* (Walker, 1863).

Acleris monagma Diakonoff, 1976 (Fig. 5)
Acleris monagma Diakonoff, 1976: 57; t. l.: Nepal: Thodung.

Originally compared with *A. loxoscia* (Meyrick, 1907).

Acleris pallidorbis Diakonoff 1976 (Fig. 6)
Acleris pallidorbis Diakonoff 1976: 61; t. l.: Nepal: Thodung.

Compared with *A. bengalica* Razowski 1964 (male genitalia; Figs 54, 55) and *A. variegana* ([Denis & Schiffermüller], 1775) (facies).

Cnesteboda oenina (Diakonoff, 1976), **comb. n.** (Fig. 7)
Paratorna oenina Diakonoff, 1976: 53; t. l.: Nepal: Kathmandu Valley: Godavari.

No comparative diagnosis. This species is transferable to *Cnesteboda* Razowski, 1990. The female genitalia of this species are similar to those in *C. discobola* (Diakonoff, 1948) from West Java (= *Peronea dorcas*: Diakonoff, 1936 (not Meyrick, 1907). Both species lack the signum and have similar sterigma).

Spatalistis gerdia Diakonoff, 1976 (Fig. 8)
Spatalistis gerdia Diakonoff, 1976: 51; t. l.: Nepal: Kathmandu Valley: Godavari.

No original comparative diagnosis. Comparable (male genitalia Fig. 52) to *S. christophana* (Walsingham, 1900) but *gerdia* with two cornuti and ventral lobe beyond sacculus. From *S. violacea* Diakonoff, 1953 from New Guinea this species differs in its slender part of the uncus and only one cornutus.

Transita exaesia Diakonoff, 1976 (Fig. 9)
Transita exaesia Diakonoff, 1976: 50; t. l.: Nepal: Jubing.

The only representative of the genus compared (intermediate) with *Acleris* Hübner, [1825] and *Trophocosta* Razowski, 1964.

Cochylini

Cochylis aethoclasma Diakonoff, 1976 (Fig. 10)
Cochylis aethoclasma Diakonoff, 1976: 7; t. l.: Nepal: Kathmandu - Chauni.

Originally compared with *C. indica* Razowski 1968 and *C. maestana* (Kennel, 1899) which have similar genitalia and facies similar to *C. atricapitana* (Stephens, 1852) from which, however, it differs basically.

Eupoecilia dynodesma (Diakonoff, 1971) (Fig. 11)
Cryptocochylis dynodesma Diakonoff, 1971: 200; t. l.: NW Karakorum: Hunza: Nagar Kuto, Darukush.

No original comparative diagnosis. RAZOWSKI (1984) transferred his species to *Eupoecilia* Stephens, 1829.

Gynnidomorpha stirodelphys (Diakonoff, 1976), **comb. n.** (Fig. 12)
Cochylis stirodelphys Diakonoff, 1976: 7; t. l.: Nepal: Rapti Valley: Jhawani.

Originally compared with *C. nana* (Haworth, 1811) and *C. salebrana* (Mann, 1862), however, those species are completely different both in facies and genitalia. In fact, close to *G. permixtana* ([Denis & Schiffermüller], 1775) but more olive cream in colouration.

Ceracini

Cerace stipatana nepalensis Diakonoff, 1976 (Fig. 13)
Cerace stipatana nepalensis Diakonoff, 1976: 71; t. l.: Nepal: Tamba Kosi Valley.

The facies compared with *C. stipatana stipatana* Walker, 1863.

Cerace semnologa Diakonoff, 1976 (Fig. 14)
Cerace semnologa Diakonoff, 1976: 70; t. l.: Nepal: Junbesi.

Originally compared with *C. tetraonis* Butler, 1886 and *C. anthera* Diakonoff, 1950.

Cnephasiini

Cnephasia hunzorum Diakonoff, 1971
Cnephasia (Anoplocnephasia) hunzorum Diakonoff, 1971: 174; t. l.: NW Karakorum: Hunza: Nagar Kuto: Darukush.

Not located. Originally compared with *C. ussurica* Filipjev, 1962. RAZOWSKI (2006) redescribed this species from Kashmir.

Archipini

Ancyroclepsis rhodoconia Diakonoff, 1976 (Fig. 15)
Ancyroclepsis rhodoconia Diakonoff, 1976: 95; t. l.: Nepal: Kathmandu Valley: Godavari.

No original comparative diagnosis. This is the only species of the new genus *Ancyroclepsis* Diakonoff, 1976 which was compared only with the large *Clepsis* group of genera.

Archips dierli Diakonoff, 1976 (Fig. 16)
Archips dierli Diakonoff, 1976: 83; t. l.: Nepal: Junbesi.

Originally compared with *A. oporanus* (Linnaeus, 1758).

Archips termias argutus Diakonoff, 1976 (Fig. 17)
Archips termias argutus Diakonoff, 1976: 91; t. l.: Nepal: East Bujan: Dudh Kosi Valley.

Originally mentioned as "closely allied with *A. termias* Meyrick, but differing by darker colouring, characteristic glossy ground colour and stronger sinuate costa and termen of the forewing".

Capua lissochrysa Diakonoff, 1976 (Fig. 18)
Capua lissochrysa Diakonoff, 1976: 76; t. l.: Nepal: Kathmandu Valley: Godavari.

There is no comparative diagnosis. The species is incorrectly placed in *Capa* Stephens, 1834. It is known from the female only, hence a correct identification of a genus is hardly possible. Thus we preserve the original systematic position.

Diplocalyptis apona Diakonoff, 1976 (Fig. 19)
Diplocalyptis apona Diakonoff, 1976: 109; t. l.: Nepal: Chisapani Garhi.

Originally compared with *D. operosa* (Meyrick, 1909).

Dynatocephala omophaea (Meyrick, 1926) (Fig. 20)
Homona cruenta Diakonoff, 1976: 76; t. l.: Nepal: Kathmandu Valley: Godavari.

There is no original comparative diagnosis except for the following: "An interesting novel species, suggesting generic distinction, except that facies and superficial structure show no difference from *Homona* at all". Subsequently (DIAKONOFF 1983) transferred it to *Dynatocephala* and TUCK (1990) synonymized *cruenta* with *omophaea.*

Meridemis bathymorpha Diakonoff, 1976 (Fig. 21)
Meridemis bathymorpha Diakonoff, 1976: 104; t. l.: Nepal: Kathmandu Valley: Godavari.

The female genitalia compared with *M. invalidana* (Walker, 1863).

Meridemis furtiva Diakonoff, 1976 (Fig. 22)
Meridemis furtiva Diakonoff, 1976: 102; t. l.: Nepal: Jiri.

Originally compared with *M. invalidana* (Walker, 1863).

Pandurista regressa Diakonoff, 1976 (Fig. 23)
Pandurista regressa Diakonoff, 1976: 129; t. l.:Nepal: Bujan: Dudh Kosi Valley;

The author writes that this is a very distinct species which does not resemble the type-species of this genus at all.

Polyorthinae
Polyorthini

Lopharcha iriodis Diakonoff, 1976 (Fig. 24)
Lopharcha iriodis Diakonoff, 1976: 67; t. l.: Nepal: Kathmandu Valley: Godavari.

Originally compared with *L. halidora* (Meyrick, 1908). Male genitalia illustrated.

Chlidanotini

Gnaphalostoma nivacula Diakonoff, 1976 (Fig. 25)
Gnaphalostoma nivacula Diakonoff, 1976: 133; t. l.: Nepal: Helmu: Gusum Bunjyang.

The only species of the new genus. *Gnaphalostoma* Diakonoff, 1976 was compared with *Leurogyia* Common, 1965.

Olethreutinae
Bactrini

Bactra ochrographa Diakonoff, 1989 (Fig. 26)
Bactra ochrographa Diakonoff, 1989: 243; t. l.: East Jiri.
Originally compared with Indian *B. capidotis* Meyrick, 1909 group of species; Diakonoff wrote also that superficially it may be taken for *B. (C.) venosana* Zeller.

Olethreutini

Sycacantha choanantha Diakonoff, 1971 (Fig. 27)
Sycacantha choanantha Diakonoff, 1971: 192; t. l.: South Thailand: E of Krabi.
No original comparative diagnosis; it was included only in the *complicitana* group of species.

Sycacantha formosa Diakonoff, 1971 (Fig. 28)
Sycacantha formosa Diakonoff, 1971: 194; t. l.: South Thailand: E of Krabi.
No comparative diagnosis.

Sycacantha inodes rubida Diakonoff, 1971 (Fig. 29)
Sycacantha inodes rubida Diakonoff, 1971: 195; t. l.: East Borneo: Tabang is in the Leiden
Museum; female paratype illustrated is from South Thailand: E of Krabi.

Sycacantha siamensis Diakonoff, 1971 (Fig. 30)
Sycacantha siamensis Diakonoff, 1971: 196; t. l.: South Thailand: E of Krabi.
No original comparative diagnosis.

Syntozyga macrosperma Diakonoff, 1971 (Fig. 31)
Syntozyga macrosperma Diakonoff, 1971: 188; t. l.: South Thailand: E of Krabi.
Compared with *S. familiaris* Meyrick, 1921, now treated as a synonym of *S. pedias* (Meyrick, 1920).

Triheteracra melanoxenia Diakonoff, 1971 (Fig. 32)
Triheteracra melanoxenia Diakonoff, 1971: 198; t. l.: South Thailand: E of Krabi.
No comparative diagnosis.

Eucosmini

Acroclita stenoglypha Diakonoff, 1971 (Fig. 33)
Acroclita stenoglypha Diakonoff, 1971: 185; t. l.: Central Java: Kelater.
Originally compared with *A. neaera* Meyrick, 1912 and also with *Eucoenogenes pythonias* Meyrick, 1910 and *A. thysanota* Meyrick, 1912.

Epiblema concava Diakonoff, 1955 (Fig. 34)
Epiblema concava Diakonoff, 1955: 46; t. l.: Nepal: Manangbhot: Sabzi-Chu.
Originally compared with *Eucosma nigromaculana* (Haworth, 1811) and *Epinotia exquisitana* (Christoph, 1881).

Lepteucosma leucotoma (Diakonoff, 1955), **comb. n.** (Fig. 35)
Eucosma leucotoma Diakonoff, 1955: 47; t. l.: Nepal: Mustangbhot: Kehami.
No original comparative diagnosis. Apparently transferable to *Lepteucosma* Diakonoff, 1971.

Lepteucosma oxychrysa Diakonoff, 19711 (Fig. 36)
Lepteucosma oxychrysa Diakonoff, 1971: 181; t. l.: NW Karakorum: Gilgit: Banidas.
Originally compared with *L. fuscicaput* (Diakonoff, 1948).

"Matsumuraeses" acrocosma Diakonoff 1971 (Fig. 37)
Matsumuraeses acrocosma Diakonoff 1971: 176; t. l.: South Thailand: E of Krabi.

No original diagnosis. This species is transferable to Eucosmini and certainly does not belong to *Matsumuraeses* Issiki, 1957. Female genitalia illustrated originally are insufficient to identify the genus.

Pelochrista pollinaria Diakonoff, 1971 (Fig. 38)
Pelochrista pollinaria Diakonoff, 1971: 181; t. l.: NW Karakorum: Gilgit: Banidas.

Originally compared with *P. infidana* f. *umbraculana* (= *P. umbraculana* Eversmann, 1844) and *P. tholera* Falkovitsh, 1964.

Grapholitini

Centroxena ulophora Diakonoff, 1971 (Fig. 39)
Centroxena ulophora Diakonoff, 1971: 184; t. l.: South Thailand: E of Krabi.

No original comparative diagnosis.

Cydia charops (Diakonoff, 1971), **comb. n.** (Fig. 40)
Laspeyresia charops Diakonoff, 1971: 177; t. l.: South Thailand: E of Krabi.

Originally compared with *C. microgrammana* (Guenée, 1845).

Cydia hygrotrema (Diakonoff, 1971) (Fig. 41)
Laspeyresia hygrotrema Diakonoff, 1971: 178; t. l.: South Thailand: E of Krabi.

Originally compared with *Lathronympha strigana* (Fabricius, 1775).

Cydia nebulocula Diakonoff, 1976 (Fig. 42)
Cydia nebulocula Diakonoff, 1976: 39; t. l.: Nepal: Kathmandu Valley: Godavari.

No original comparative diagnosis.

Dichrorampha euterpes Diakonoff, 1971
Dichrorampha euterpes Diakonoff, 1971: 175; t. l.: NW Karakorum: Hunza: Nagar Kuto: Daerkush.

Not located. Originally compared with *D. nigrobrunneana* Toll, 1942. RAZOWSKI (2006) recorded it from Ladakh.

Dierlia aurata Diakonoff, 1976 (Fig. 43)
Dierlia aurata Diakonoff, 1976: 32; t. l.: Nepal: Kathmandu Valley: Godavari.

Compared with *D. poeciloptera*.

Dierlia poeciloptera Diakonoff, 1976 (Fig. 44)
Dierlia poeciloptera Diakonoff, 1976: 35; t. l.: Nepal: Kathmandu Valley: Godavari.

Compared with *D. aurata.*

Grapholita astrapephora Diakonoff, 1976 (Fig. 45)
Grapholitha astrapephora Diakonoff, 1976: 19; t. l.: Nepal: East Bujan: Dudh Kosi Valley.

No comparative diagnosis.

Grapholita bicincta Diakonoff, 1976 (Fig. 46)
Grapholitha (Grapholitha) bicincta Diakonoff, 1976: 10; t. l.: Nepal: Kathmandu Valley: Godavari.

Diakonoff originally mentioned that it closely resembles *G. delineana* Walker, 1863 and that it "apparently belongs to the section *hyalites*".

Grapholita chrysacrotoma Diakonoff, 1976 (Fig. 47)
Grapholitha (Grapholitha) chrysacrotoma Diakonoff, 1976: 18; t. l.: Nepal: Rapti Valley: Monachari Khola, Belwa.

Originally compared with *G. internana* Guenée, 1845, which has the signa similar to *Ancylis* Hübner, [1825]; included in the section *compositellae.*

Grapholita heptatoma Diakonoff, 1976 (Fig. 48)
Grapholitha heptatoma Diakonoff, 1976; t. l.: Nepal: East Jiri.

Originally compared with *G. fimana* (Snellen, 1883) and *G. leucitis* Meyrick, 1907.

Grapholita namatophora (Diakonoff, 1976) (Fig. 49)
Grapholitha (Grapholitha) namatophora (Diakonoff, 1976): 12; t. l.: Nepal: Kathmandu Valley: Godavari.

Originally included with *G. fimana* Snellen, 1883 and *Pammene leucitis* Meyrick, 1907 in one group, characterized by the black and white hindwings.

Grapholita tricyanitis Diakonoff, 1976 (Fig. 50)
Grapholitha tricyanitis Diakonoff, 1976: 16; t. l.: Nepal: East Jumbesi.

Originally compared with *G. jesonica* Matsumura, 1931 and *G. exigua* Kuznetzov, 1972.

Matsumuraeses xantholoba Diakonoff, 1972 (Fig. 51)
Matsumuraeses xantholoba Diakonoff, 1972: 245; t. l.: Nepal: Jubing.

Pammene bathysema Diakonoff, 1976 (Fig. 52)
Pammene (Pammene) bathysema Diakonoff, 1976: 26; t. l.: Nepal: East Junbesi.

No original comparative diagnosis (with that species).

Pammene cyanatra (Diakonoff, 1976) (Fig. 53)
Laspeyresia cyanatra Diakonoff, 1976: 41; t. l.: Nepal: Katmandu Valley: Godavari.

No original comparative diagnosis. KOMAI (1999) transferred it to *Pammene* Hübner [1825].

Parapammene cyanodesma Diakonoff, 1976 (Fig. 54)
Parapammene cyanodesma Diakonoff, 1976: 23; t. l.: Nepal: Kathmandu Valley: Godavari.

Originally compared with *P. inobservata* Kuznetzov, 1962.

Selania acquiescens Diakonoff, 1976 (Fig. 55)
Selania acquiescens Diakonoff, 1976: 37; t. l.: Nepal: Rapti Valley: Jhavani.

No original comparative diagnosis.

Strophedra graphologa (Diakonoff, 1976) (Fig. 56)
Grapholitha graphologa Diakonoff, 1976: 21; t. l.: Nepal: East Junbesi.

No comparative diagnosis. KOMAI (1999) transferred it to *Strophedra* Herrich-Schäffer, 1853.

Strophedra mica (Diakonoff, 1976) (Fig. 57)
Strophedromorpha mica Diakonoff, 1976: 29; t. l.: Nepal: East Jubing.

No original diagnosis. This species is the type-species of the new genus *Strophedromorpha* Diakonoff, 1976 which is compared only with *Strophedra* Herrich-Schäffer, 1853. KOMAI (1999) transferred it to *Strophedra*.

Strophedra pericapna (Diakonoff, 1976) (Fig. 58)
Parapammene pericapna Diakonoff, 1976: 23; t. l.: Nepal: Helmu Territory: Gusum Banjyang.

Female genitalia compared with *P. ochsenheimeriana* (Lienig & Zeller, 184). KOMAI (1999) transferred it to *Strophedra.*

Thaumatotibia hemitoma (Diakonoff, 1976) (Fig. 59)
Cryptophlebia hemitoma Diakonoff, 1976; 45; t. l.: Nepal: Kathmandu Valley: Godavari.
Originally compared with *C. ombrodelta* (Lower, 1898). Transferred to *Thamatotibia* Zacher, 1951 (KOMAI (1999).

Thaumatotibia nannophthalma (Diakonoff, 1976) (Fig. 60)
Cryptophlebia nannophthalma Diakonoff, 1976: 45; t. l.: Nepal: Rapti Valley: Monahari Khola, Belwa.
No original comparative diagnosis. Transferred to *Thaumatotibia* Zacher, 1951 by KOMAI (1999).

Pammene phthoneris Diakonoff, 1976 (Fig. 61)
Pammene (Pammene) phthoneris Diakonoff, 1976: 27; t. l.: Nepal: East Jubing.
Originally compared with *bathysema* and *P. blockiana* (Herrich-Schäffer, 1851).

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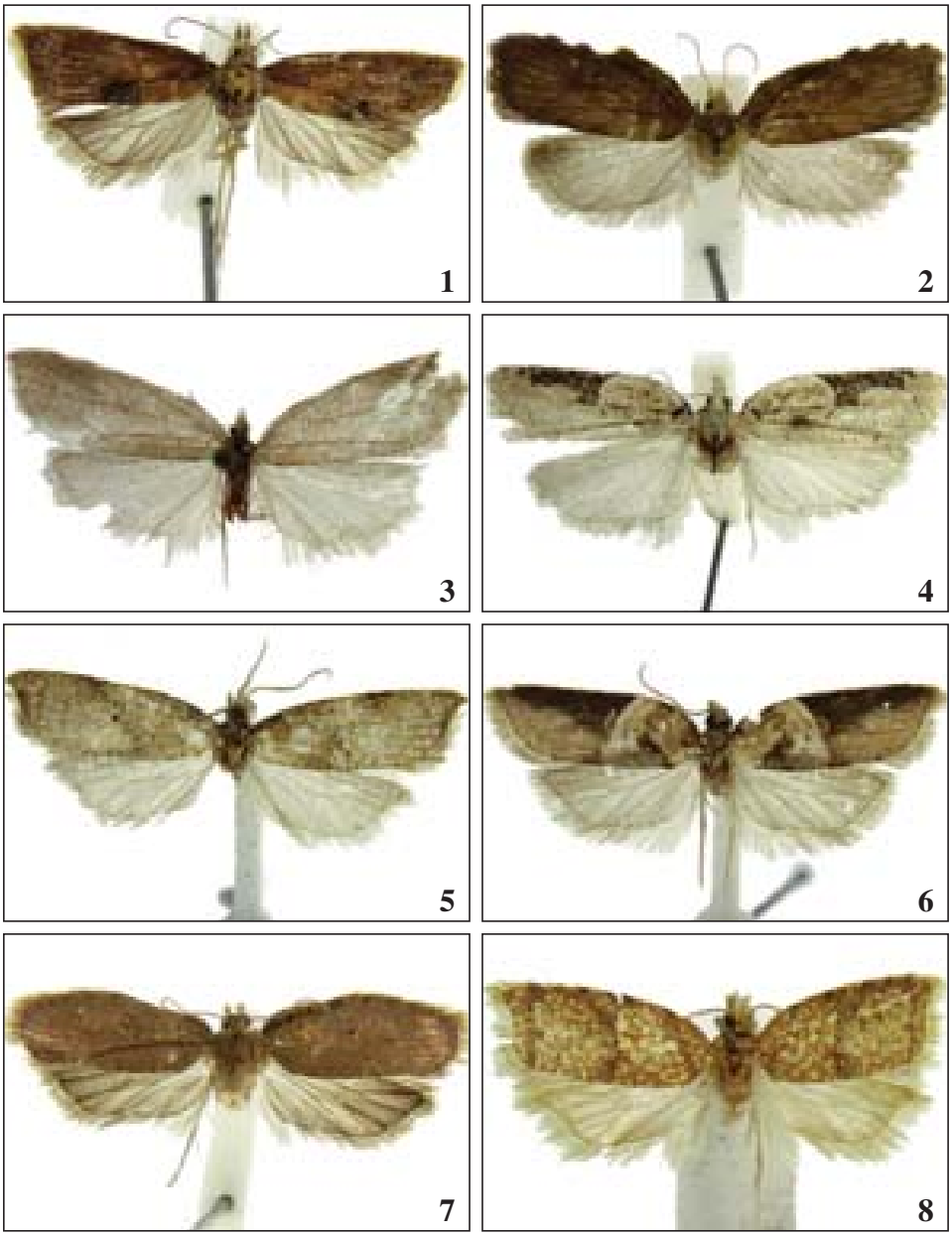
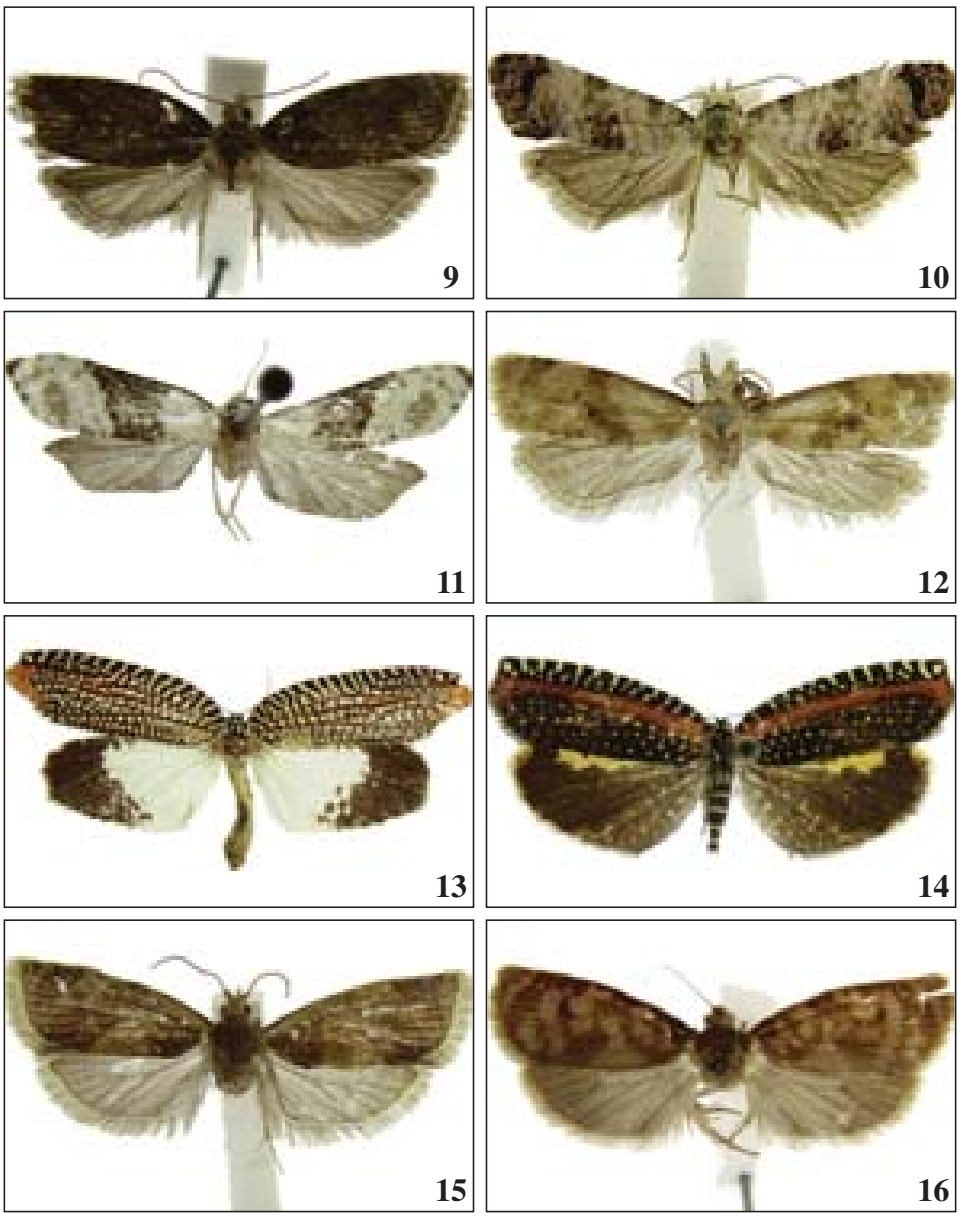
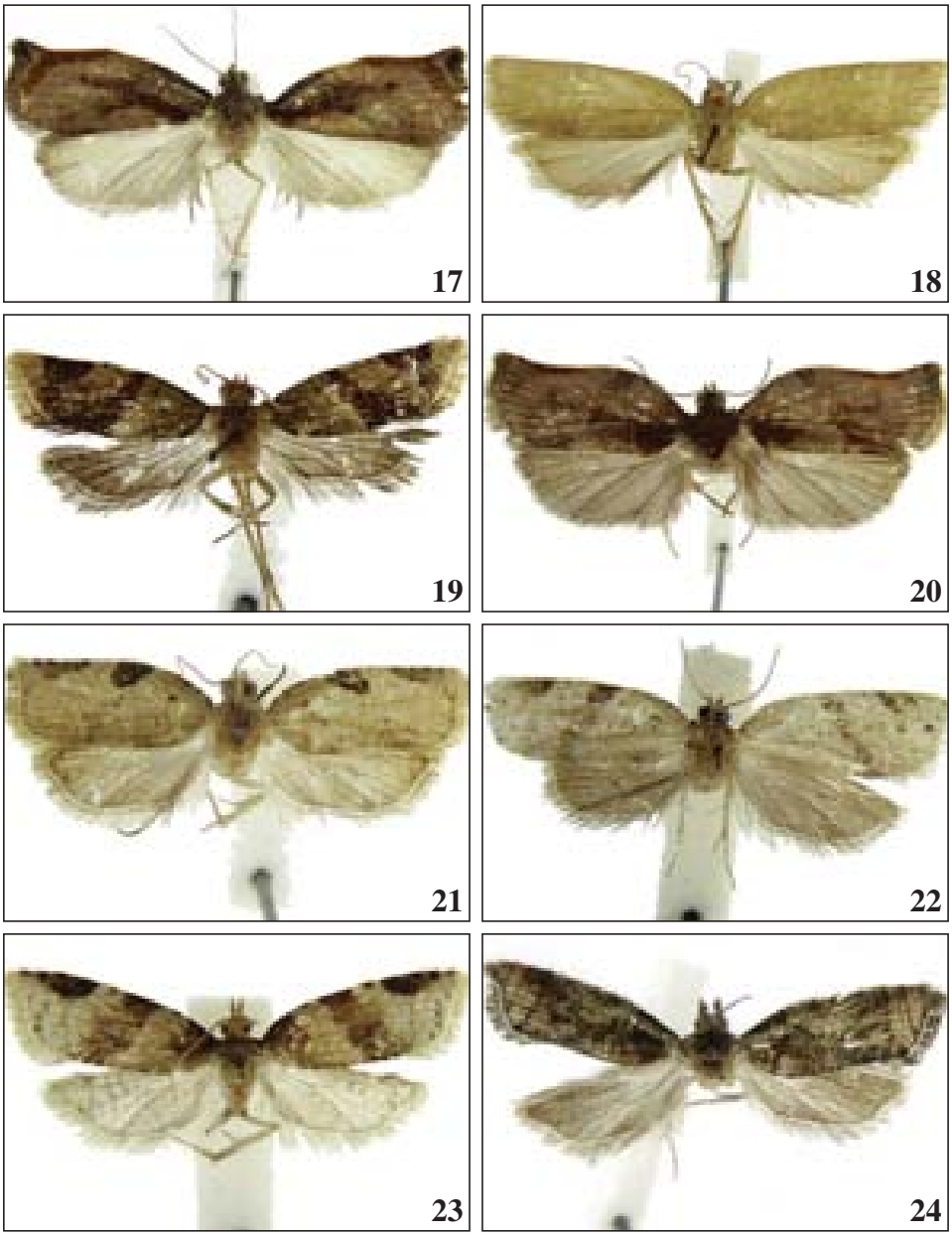


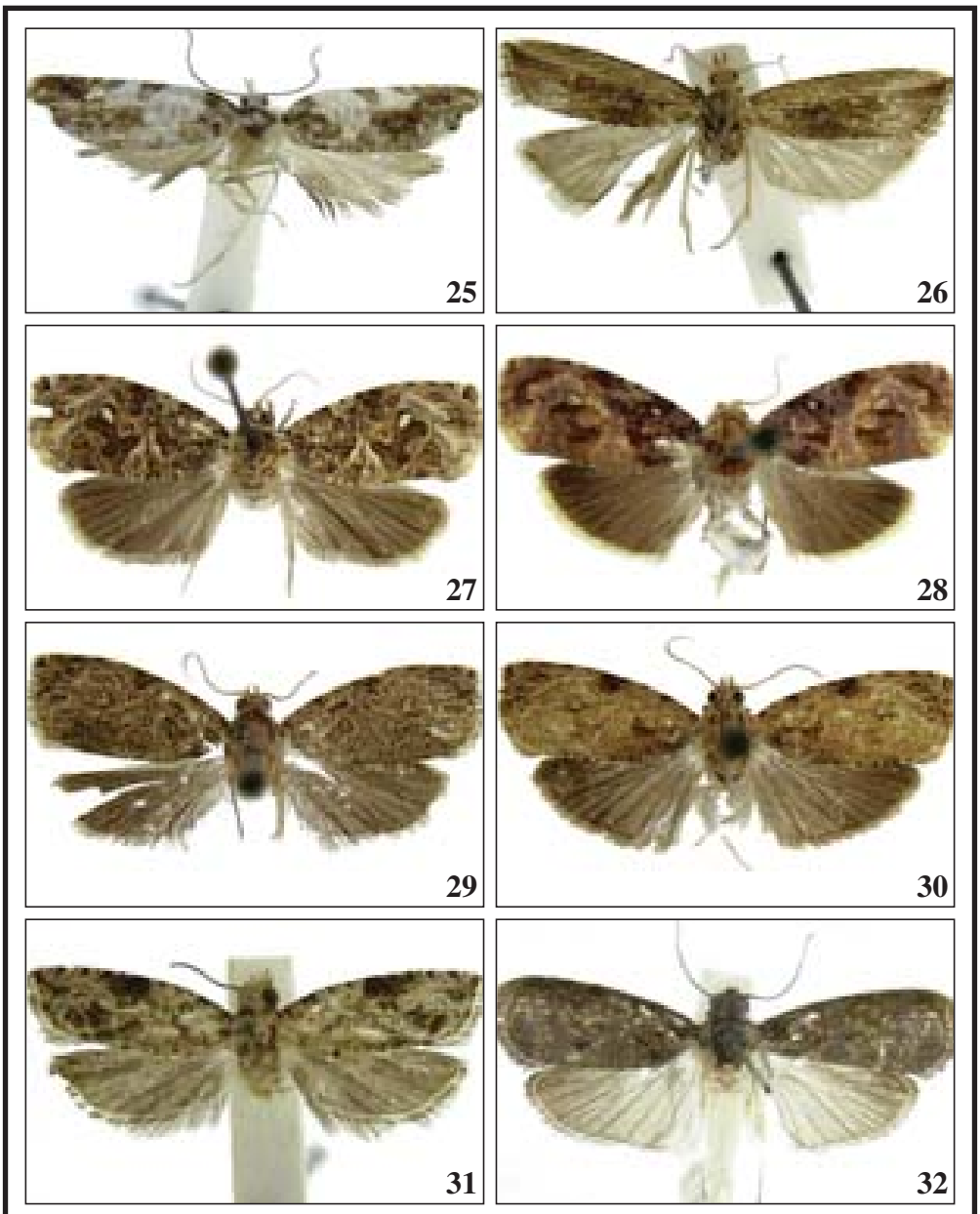
Figs. 1-8.– Adults, holotypes of Tortricini: **1.** *Acleris atomophora* Diakonoff, Nepal, **2.** *Acleris denticulosa* Diakonoff, Nepal, **3.** *Acleris fistularis* Diakonoff, Nepal, **4.** *Acleris medea* Diakonoff, Nepal, **5.** *Acleris monagma* Diakonoff, Nepal, **6.** *Acleris pallidorbis* Diakonoff, Nepal, **7.** *Cnesteboda oenina* (Diakonoff), Nepal, **8.** *Spatalistis gerdia* Diakonoff, Nepal.



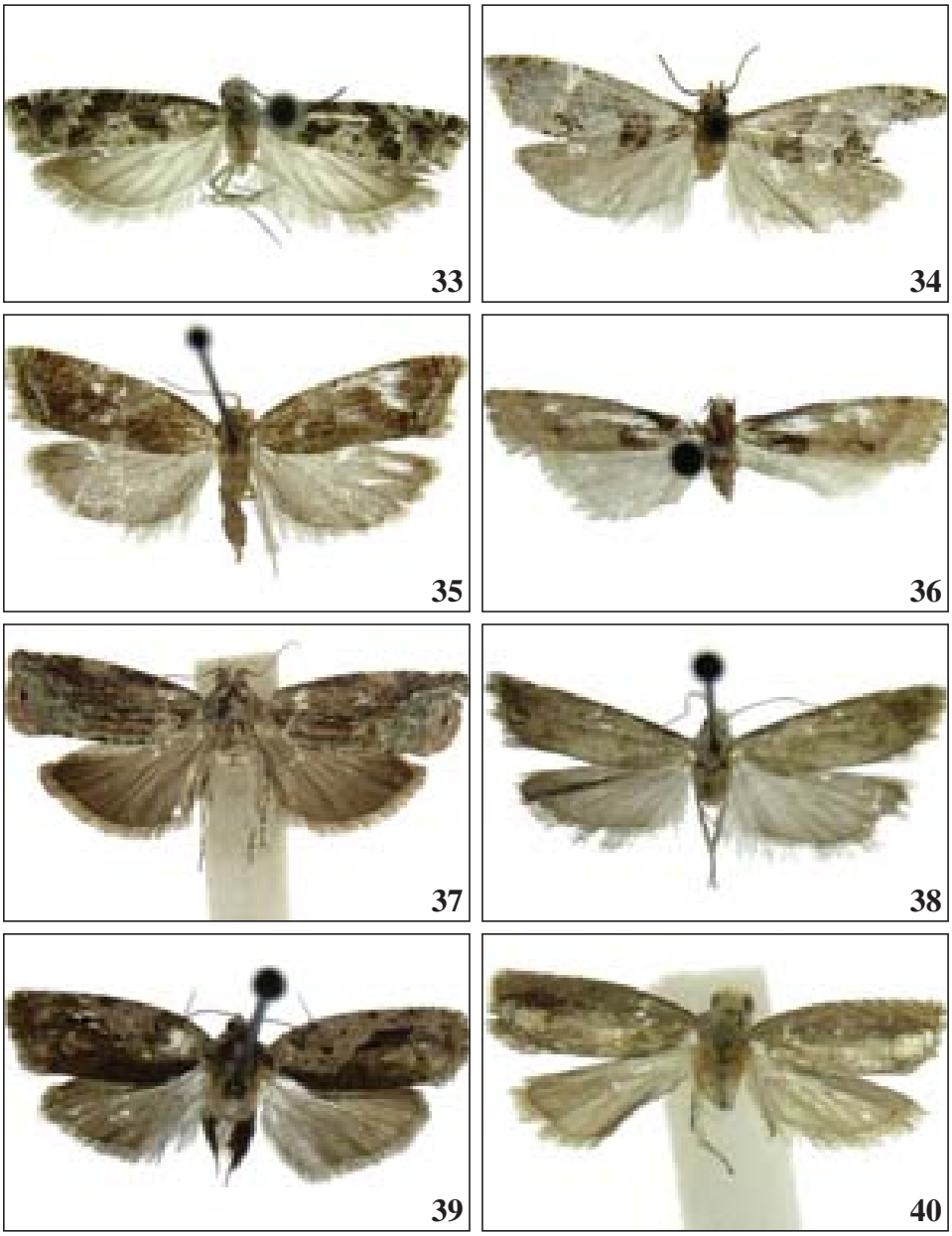
Figs. 9-16.– Adults, holotypes of Tortricini, Cochylini, Ceracini, Cnephasiini and Archipini: **9.** *Transita exaesia* Diakonoff, Nepal, **10.** *Cochylis aethoclasma* Diakonoff, Nepal, **11.** *Eupoecilia dynodesma (*Diakonoff), Karakorum, **12.** *Gynnidomorpha stirodelphys* Diakonoff, Nepal, **13.** *Cerace stipatana nepalensis* Diakonoff, Nepal, **14.** *Cerace semnologa* Diakonoff, Nepal, **15.** *Ancyroclepsis rhodoconia* Diakonoff, Nepal, **16.** *Archips dierli* Diakonoff, Nepal.



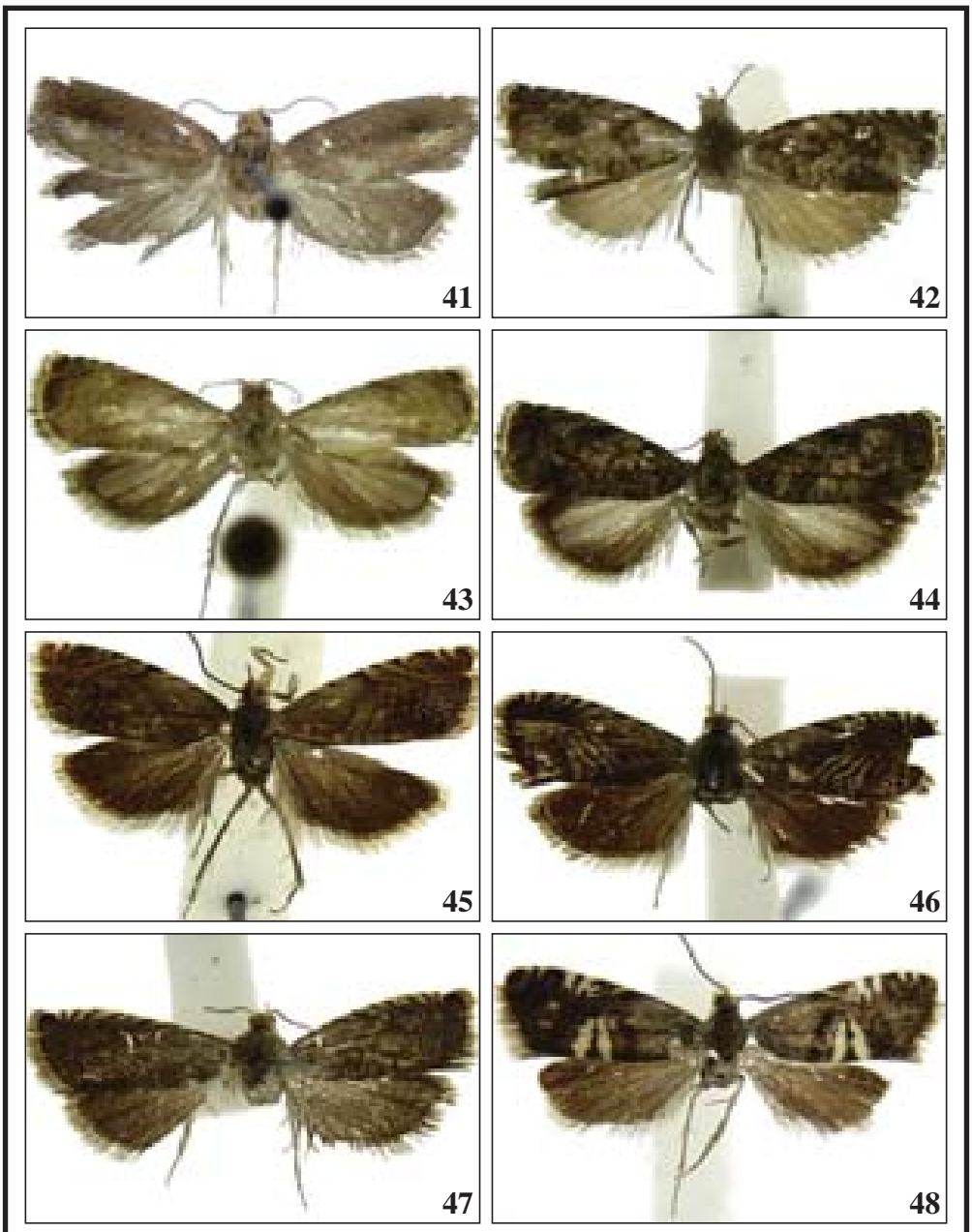
Figs. 17-24.– Adults, holotypes of Archipini and Polyorthini: **17.** *Archips termias argutus* Diakonoff, **18.** *Capua lissochrysa* Diakonoff, Nepal, **19.** *Diplocalyptis apona* Diakonoff, Nepal, **20.** *Dynatocephala cruenta* Diakonoff, Nepal, **21.** *Meridemis bathymorpha* Diakonoff, Nepal, **22.** *Meridemis furtiva* Diakonoff, Nepal, **23.** *Pandurista regressa* Diakonoff, Nepal, **24.** *Lopharcha iriodis* Diakonoff, Nepal.



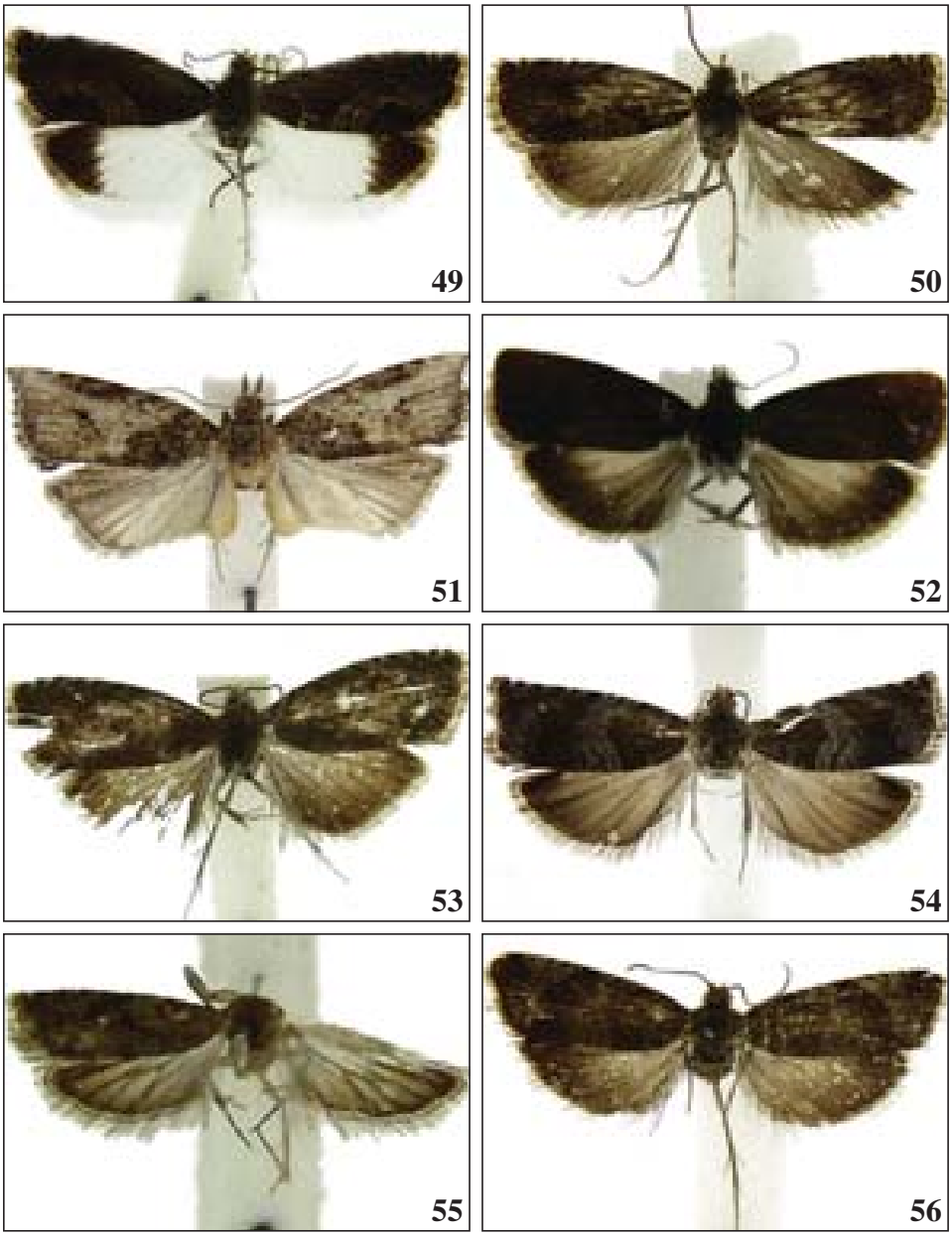
Figs. 25-32.– Adults, holotypes of Polyorthini, Bactrini, Olethreutini and Eucosmini: **25.** *Gnaphalostoma nivacula* Diakonoff, Nepal, **26.** *Bactra ochrographa* Diakonoff, Nepal, **27.** *Sycacantha choanantha* Diakonoff, Thailand, **28.** *Sycacantha formosa* Diakonoff, Thailand, **29.** *Sycacantha inodes rubida* Diakonoff, South Thailand, **30.** *Sycacantha siamensis* Diakonoff, Thailand, **31.** *Syntozyga macrosperma* Diakonoff, Thailand, **32.** *Triheteracra melanoxenia* Diakonoff, Thailand.



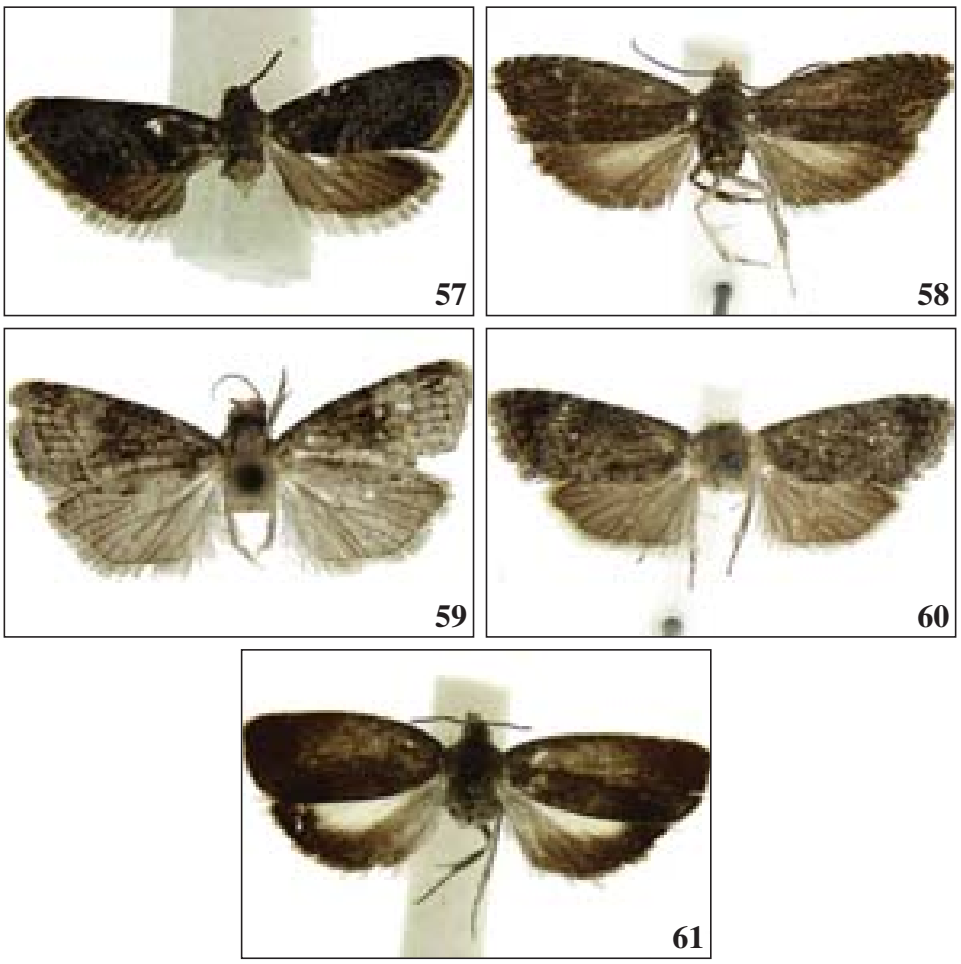
Figs. 33-40.– Adults, holotypes of Eucosmini and Grapholitini: **33.** *Acroclita stenoglypha* Diakonoff, Java, **34.** *Epiblema concava* Diakonoff, Nepal, **35.** *Lepteucosma leucotoma* (Diakonoff), Nepal, **36.** *Lepteucosma oxychrysa* Diakonoff, Nepal, **37.** *"Matsumuraeses" acrocosma* Diakonoff, Thailand, **38.** *Pelochrista pollinaria* Diakonoff, Karakorum, **39.** *Centroxena ulophora* Diakonoff, Thailand, **40.** *Cydia charops* (Diakonoff), Thailand.



Figs. 41-48.– Adults, holotypes of Grapholitini: **41.** *Cydia hygrotrema* (Diakonoff), Thailand, **42.** *Cydia nebulocula* Diakonoff, Nepal, **43.** *Dierlia aurata* Diakonoff, Nepal, **44.** *Dierlia poeciloptera* (Diakonoff), Nepal, **45.** *Grapholita astrapephora* Diakonoff, Nepal, **46.** *Grapholita bicincta* (Diakonoff), Nepal, **47.** *Grapholita chrysacrotoma* Diakonoff, Nepal, **48.** *Grapholita heptatoma* Diakonoff, Nepal.



Figs. 49-56.– Adults, holotypes of Grapholitini: **49.** *Grapholita namatophora* Diakonoff, Nepal, **50.** *Grapholita tricyanitis* Diakonoff, Nepal, **51.** *Matsumuraeses xantholoba* (Diakonoff), Nepal, **52.** *Pammene bathysema* Diakonoff, Nepal, **53.** *Cydia cyanatra* (Diakonoff), Nepal, **54.** *Parapammene cyanodesma* (Diakonoff), Nepal, **55.** *Selania acquiescens* Diakonoff, Nepal, **56.** *Strophedra graphologa* (Diakonoff), Nepal.



Figs. 57-61.– Adults, holotypes of Grapholitini: **57.** *Strophedra mica* (Diakonoff), Nepal, **58.** *Parapammene pericapna* Diakonoff, Nepal, **59.** *Thaumatotibia hemitoma* (Diakonoff), Nepal, **60.** *Thaumatotibia nannophthalma* Diakonoff, Nepal, **61.** *Pammene phthoneris* Diakonoff, Nepal.