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Original article

## Taxonomic review of the superfamily Pyraloidea in Bhutan (Lepidoptera)

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## ABSTRACT

The result of an investigation of the lepidopteran fauna of Central and Southern Bhutan (Bumthang, Dagana, Trongsa, Tsirang, and Sarpang districts) is presented in this study. The investigation was the part of the Invertebrate Documentation Project of Bhutan initiated by the National Biodiversity Center, Thimphu, funded by the Bhutan Trust Fund for Environmental Conservation, Thimphu. The checklist was based on the systematic collections by light trapping at nine locations and the occasional collections from native forest and gardens within the five districts of Central and Southern Bhutan. The specimens were photographed and collected as specimens for future identification and reference. A list of 182 species belonging to families Crambidae and Pyralidae is presented, including 92 species as new records for the country. All the studied specimens are deposited at “Invertebrate Referral Collection Center” at the National Biodiversity Center, Thimphu.

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## Introduction

Bhutan is a landlocked country placed between India and Tibet (China) on the southern slopes of the Himalayan range. The country lies on the border between Oriental and Palaearctic regions and hence is considered very rich in terms of lepidopteran diversity. The altitudes range from 200 m in the southern foothills to more than 7000 m in the northern part of country. The lowland parts are inhabited by typical Oriental species, whereas Palaearctic species are known to be from high altitudes. But there is a lack of information on the Lepidoptera fauna of Bhutan. Few works on the moths of Bhutan have been found at “The Fauna of British India” series (Hampson 1892, 1894, 1895, 1896a) but the information is insufficient. Sir George Hampson (1899) reported 75 species of Pyraloidea, which are the only available records on Pyraloidea of Bhutan. In neighboring countries, a significant amount of work on moths has been conducted. Robinson et al (1995) and Yamanaka (1995, 1998, 2000) have reported the presence of 558 species of

Pyraloidea from Nepal through the specimens from the collection of the Natural History Museum, London and the late Mr T. Haruta and Mr S. Sakurai. Kirti and Sodhi (2001) reported the presence of 102 species of Pyraustinae in the state of Arunachal Pradesh (India) and Bhattacharya (1997) reported 72 species from West Bengal (India) which gives us the rich diversity of this family in the area. However, no information on Pyraloidea fauna is known from Bhutan. Thus, to fill up this gap in knowledge of the fauna, here we present the first checklist on Pyraloidea of Bhutan. The present checklist is based on the study conducted by the authors in Central and Southern parts of Bhutan in the last 2 years (2013–2015).

## Materials and methods

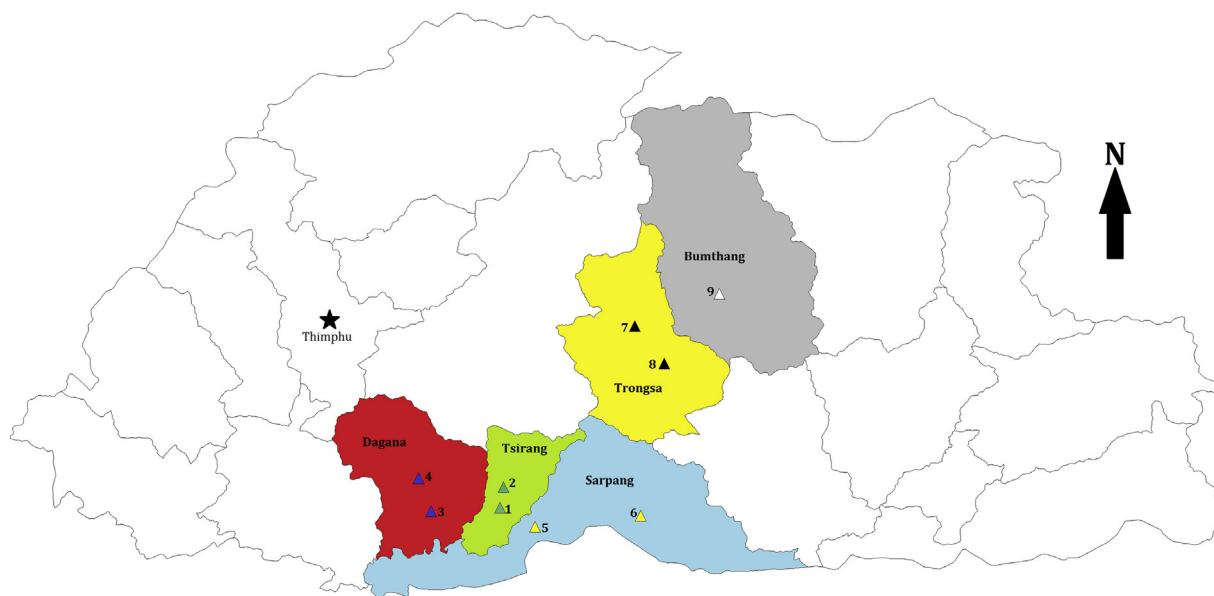
During our collection of specimens in Bhutan during 2013–2015, we were able to make a rich collection of Pyraloidea moths. The moth specimens were collected from five districts of Bhutan (Bumthang, Dagana, Trongsa, Tsirang and Sarpang). The moth trapping sites in these districts with Global Positioning System coordinates are provided in the map (Figure 1, Table 1). Field collection of the specimens was carried out using fluorescent bulbs on a white cloth sheet hanging (Figure 2A) and mercury vapor (MV) light traps (Figure 2B) at different sites. Identifications were made by comparison with available literature (Hampson 1896a; Inoue

\* Corresponding author.

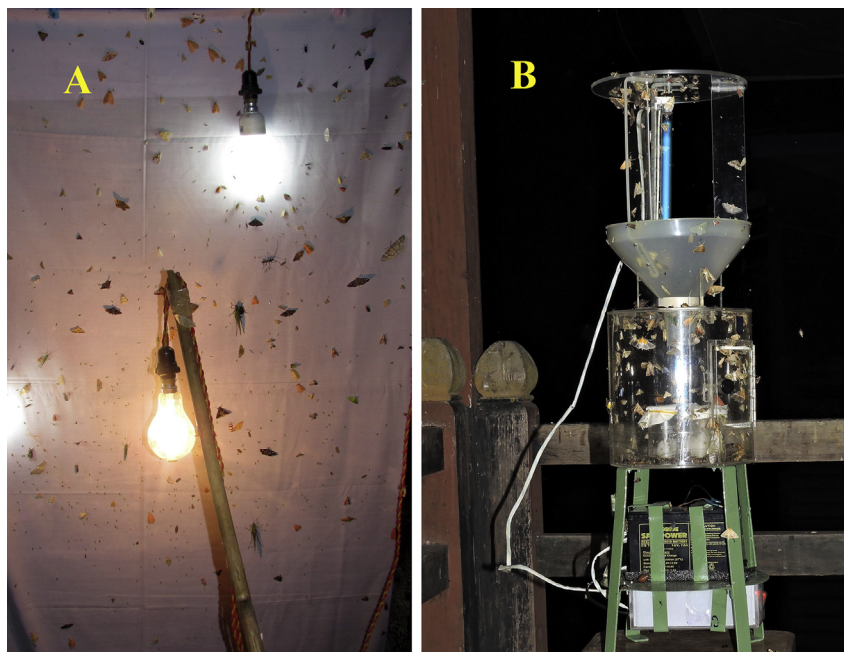
E-mail address: [jatishwor.irungbam@gmail.com](mailto:jatishwor.irungbam@gmail.com) (J.S. Irungbam).

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<http://dx.doi.org/10.1016/j.japb.2016.06.004>pISSN2287-884X eISSN2287-9544/Copyright © 2016, National Science Museum of Korea (NSMK) and Korea National Arboretum (KNA). Production and hosting by Elsevier. This is an open access article under the CC BY-NC-ND license (<http://creativecommons.org/licenses/by-nc-nd/4.0/>).



**Figure 1.** Map showing the districts in Bhutan where the light trapping of moths were set up during October 2013 to October 2015. N = north.



**Figure 2.** Light traps used during the study: A, Plain cloth sheet trap with fluorescent lamp; B, mercury vapour lamp light trap.

1996, 1997; Kendrick 2002; Robinson et al 1994; Yamanaka 1995, 1998, 2000). The list order and taxonomic nomenclature are based upon Solis (2007) and Nuss et al (2016).

For all identified species, the general specific information, including references for the original descriptions, material examined, and the local and global distributions of the species are given. Images for adults with their labels are provided (Figures 3–14). The new records of the species for Bhutan are marked with an asterisk (\*) in the systematic list. Specimens of each of the species referred in this paper were deposited at the Invertebrate Referral Collection Centre (IRCC), National Biodiversity Centre (NBC), Thimphu, Bhutan.

#### Taxonomic accounts

Order Lepidoptera Linnaeus, 1758

Family Crambidae Latreille, 1810

Subfamily Acentropinae Stephens, 1836

*Eoophyla peribocalis* (Walker, 1859b)\* (Figure 3A)

*Cataclysta peribrocalis* Walker, 1859b: 446

*Material examined.* Bhutan, 1♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♀, Damphu (Tsirang), 12 ix 2014 (J.S.

**Table 1.** Geographic coordinates of collection localities in Bhutan.

Sr. No.	Locality	Latitude (N)	Longitude (E)
1	Mendrelgang	26°57'0.57"N	90°06'51.78"E
2	Damphu	27°00'24.818"N	90°07'26.596"E
3	Dagana	27°01'56.23"N	89°53'16.549"E
4	Dagapela	26°56'27.839"N	89°55'22.754"E
5	Sarpang	26°53'51.159"N	90°12'44.098"E
6	Gelephu	26°55'41.369"N	90°30'22.082"E
7	Trongsa	27°27'21.059"N	90°29'22.756"E
8	Langthel	27°21'05.40"N	90°34'17.61"E
9	Bumthang	27°32'44.6"N	90°43'30.5"E

Sr. = Serial.

Irungbam and M.S. Chib); 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 3♀, Gelephu (Sarpang), 21 iii 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Sarpang, Gelephu), Nepal, India, Sri Lanka, China, Vietnam, Yemen (Li et al 2003; Yamanaka 1998).

**Remarks.** This species is reported for the first time from Bhutan.

#### ***Eoophyla sejunctalis* (Snellen, 1876)\* (Figure 3B)**

*Oligostigma sejunctalis* Snellen, 1876: 196 (key), 207, pl. 9, fig. 11a-c

**Material examined.** Bhutan 1♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 21 iii 2014 (J.S. Irungbam and M.S. Chib); 2♂, Bumthang, 10 iv 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Bumthang), India, Sri Lanka, China, Thailand (Hampson 1896a; Li et al 2003).

**Remarks.** This species is reported for the first time from Bhutan.

#### ***Eristena auropunctalis* (Hampson, 1903)**

*Oligostigma auropunctalis* Hampson, 1903: 210

**Material examined.** No specimen found during study.

**Distribution.** Bhutan (Hampson 1896a).

**Remarks.** The species was not found during the study. This genus is indicative of unpolluted streams (Kendrick 2002).

#### ***Eristena bifurcalis* (Pryer, 1877)\* (Figure 3C)**

*Cataclysta bifurcalis* Pryer, 1877: 232, pl. 4, fig. 4.

**Material examined.** Bhutan 2♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 21 iii 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Damphu, Dagana), China, Hong Kong (Chen et al 2006b; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

#### ***Hyaloplaga pulchralis* (Moore, 1867)\* (Figure 3D)**

*Hydrocampa pulchralis* Moore, 1867: 90

**Material examined.** Bhutan 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagapela (Dagana), 18 v 2015 (J.S. Irungbam); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Dagana, Dagapela, Gelephu), Nepal, India (North East) (Yamanaka 1998).

**Remarks.** This species is reported for the first time from Bhutan.

#### ***Paraponyx fluctuosalis* (Zeller, 1852)\* (Figure 3E)**

*Nymphula fluctuosalis* Zeller, 1852: 27

**Material examined.** Bhutan 2♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 3♀, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib); 2♀, Bumthang, 12 x 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Bumthang, Sarpang, Gelephu), Nepal, China, Japan, Thailand, W. Malaysia, Singapore, Hong Kong, Sumatra, Java, Bali, Brunei, Sabah, Swarak, Labuan, Philippines, Australia (Chen et al 2006c; Kendrick 2002; Robinson et al 1994, 1995; Wang et al 1981; Yamanaka 2000).

**Remarks.** It is a new record from Bhutan and recorded from all the study areas. *Oryza stativa* L., and *Nymphaea* spp. are the few known host plants of this species (Chen et al 2006c).

#### ***Paraponyx stagnalis* (Zeller, 1852)\* (Figure 3F)**

*Nymphula stagnalis* Zeller, 1852: 26

**Material examined.** Bhutan 1♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 1♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 2♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 3♀, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib); 2♀, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu), Nepal, India, Myanmar, Thailand, W. Malaysia, Singapore, Sumatra, Java, Bali, Sabah, Swarak, Philippines (Chen et al 2006c; Hampson 1896a; Robinson et al 1994; Yamanaka 2000).

**Remarks.** This species is reported for the first time from Bhutan. *Oryza stativa* L., *Panicum* sp., *Eragrostis* sp., and *Paspalum* sp. are the few known host plants of this species (Chen et al 2006c).

#### ***Strepsinoma croesusalis* Walker, 1859b\* (Figure 3G)**

*Cataclysta croesusalis* Walker, 1859b: 449

**Material examined.** Bhutan 2♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 1♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu), India, China, Hong Kong, Andaman Island, Thailand, West Malaysia, Sabah, Swarak, Kalimantan, Australia (Caradja and Meyrick 1933; Kendrick 2002; Robinson et al 1994).

**Remarks.** This species is reported for the first time from Bhutan.

Subfamily Crambinae Latreille, 1810

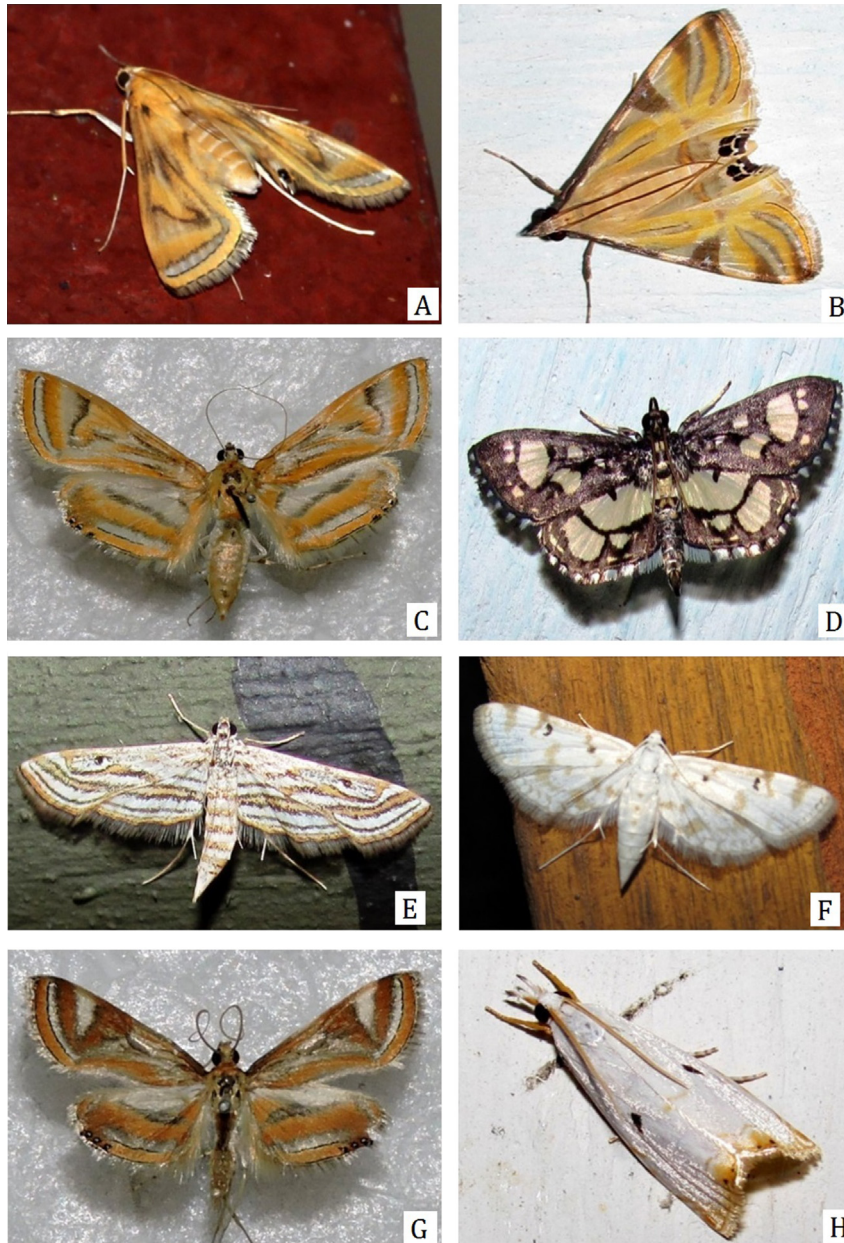
#### ***Calamotropha latellus* (Snellen, 1890)\* (Figure 3H)**

*Crambus latellus* Snellen, 1890: 644

**Material examined.** Bhutan 2♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 1♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Sarpang, Gelephu), India, Myanmar (Savelle 2016).

**Remarks.** This species is reported for the first time from Bhutan.



**Figure 3.** Adults of family Crambidae (Acentropinae, Crambinae): A, *Eoophyla peribocalis* Walker, 1859; B, *Eoophyla sejunctalis* Snellen, 1876; C, *Eristena bifurcalis* (Pryer, 1877); D, *Hyaloplaga pulchralis* (Moore, 1867); E, *Paraponyx fluctuosalis* Zeller, 1852; F, *Paraponyx stagnalis* Zeller, 1852; G, *Strepsinoma croesusalis* Walker, 1859; H, *Calamotropha latella* Snellen, 1890.

***Calamotropha argenticilia* (Hampson, 1896b)**

*Crambus argenticilia* Hampson, 1896b: 937

*Material examined.* Not available.

*Distribution.* Bhutan, India, Sri Lanka (Hampson 1896b; Savelle 2016).

***Glaucocharis minutalis* (Hampson, 1893)**

*Ditoptera minutalis* Hampson, 1893: 179, pl. 174, fig. 31.

*Material examined.* Not available.

*Distribution.* Bhutan, India, Sri Lanka (Hampson 1896a).

***Gargela renatusalis* (Walker, 1859b)**

*Zebronia renatusalis* Walker, 1859b: 484

*Material examined.* Not available.

*Distribution.* Bhutan, India, Brunei, Sabah, Sarawak, Kalimantan (Hampson 1896a; Robinson et al 1994).

*Remarks.* The species was not found during the study.

Subfamily Cybalomiinae Marion, 1955

***Trichophysetis gracilentalis* (Swinhoe, 1890)**

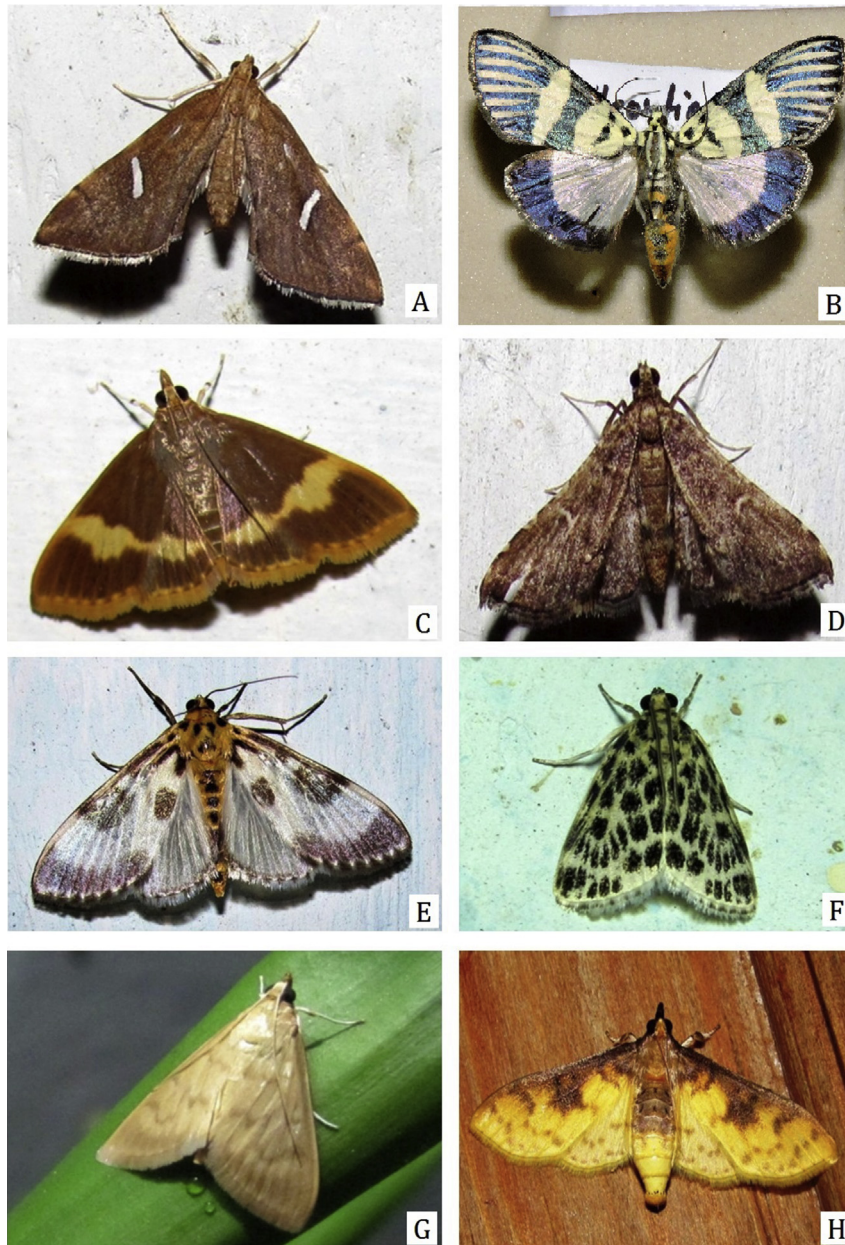
*Callinaias gracilentalis* Swinhoe, 1890: 287, pl. 8, fig. 6

*Material examined.* Not available.

*Distribution.* Bhutan, Myanmar (Hampson 1896a).

*Remarks.* The species was not found during the study.

Subfamily Musotiminae Meyrick, 1884



**Figure 4.** Adults of family Crambidae (Musotiminae, Odontiinae, Pyraustinae): A, *Uthinia albisignalis* Hampson, 1896a; B, *Heortia vitessoides* (Moore 1885); C, *Crocidophora fasciata* (Moore, 1888); D, *Diathrausta profundalis* Lederer, 1863; E, *Epiparbattia gloriosalis whalleyi* Munroe and Mutuura, 1971; F, *Erpis macularis* Walker 1863; G, *Hyalobathra miniosalis*, Guenée, 1854; H, *Pachynoa sabelialis* (Guenée, 1854).

***Uthinia albisignalis* (Hampson, 1896a)\*** (Figure 4A)  
*Orphanophanes albisignalis* Hampson, 1896a:231

**Material examined.** Bhutan 1♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Sarpang, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Langthel (Trongsa), 12 ix 2013 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Trongsa, Sarpang, Gelephu), Nepal, India, Myanmar, Thailand, Vietnam, West Malaysia, Java, Sabah, Philippines (Yamanaka 1998).

**Remarks.** This species is reported for the first time from Bhutan.

***Neurophyseta irrectalis* (Guenée, 1854)**

*Cymoriza irrectalis* Guenée, 1854: 272, pl. 9, fig. 4.

**Material examined.** Not available.

**Distribution.** Bhutan, North East India, Taiwan (Hampson 1896a).

**Remarks.** The species was not found during the study.

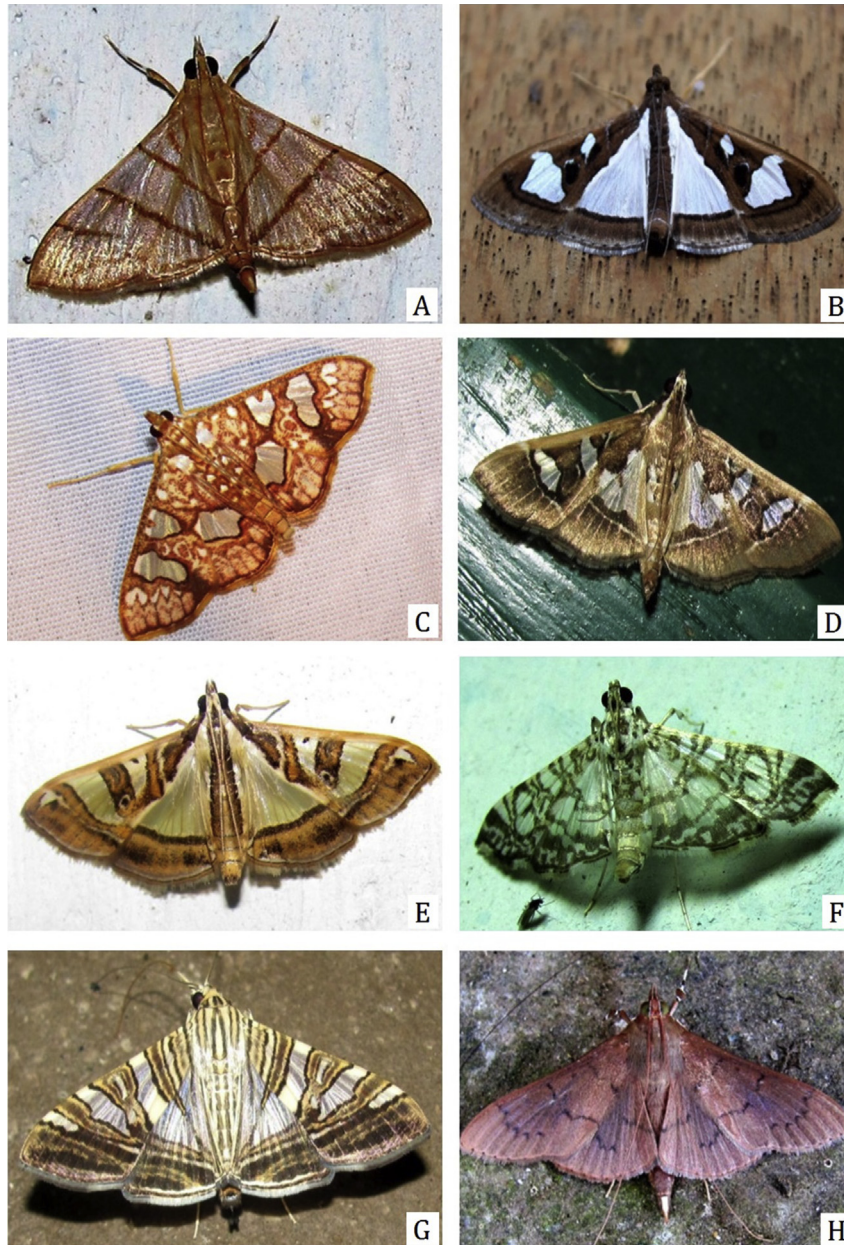
***Drosophantis caeruleata* (Hampson, 1893)**

*Ambia caeruleata* Hampson, 1893: 1–182, pls. 157–176.

**Material examined.** Not available.

**Distribution.** Bhutan, India, Sri Lanka, Taiwan, Thailand, Sumbawa, Australia (Robinson et al 1994).

**Remarks.** The species was not found during the study.



**Figure 5.** Adults of family Crambidae (Pyraustinae, Spilomelinae): A, *Pagyda salvalis* Walker, 1859; B, *Glyphodes bivitalis* Guenée, 1854; C, *Glyphodes canthusalis* Walker, 1859; D, *Glyphodes crithealis* (Walker, 1859); E, *Glyphodes harutai* Yamanaka, 1998; F, *Glyphodes onychinalis* (Guenée, 1854); G, *Glyphodes stolalis* Guenée, 1854; H, *Patania caletoralis* (Walker, 1859).

#### Subfamily Odontiinae Guenée, 1854

#### *Autocharis fessalis* (Swinhoe, 1886)

*Glyphodes fessalis* Swinhoe, 1886: 459, pl. 41, fig. 13

**Material examined.** Bhutan 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Gelephu), India, Pakistan, Democratic Republic of Congo, the Seychelles, South Africa, the United Arab Emirates, Yemen (Hampson 1896a).

**Remarks.** Usually attracted to light.

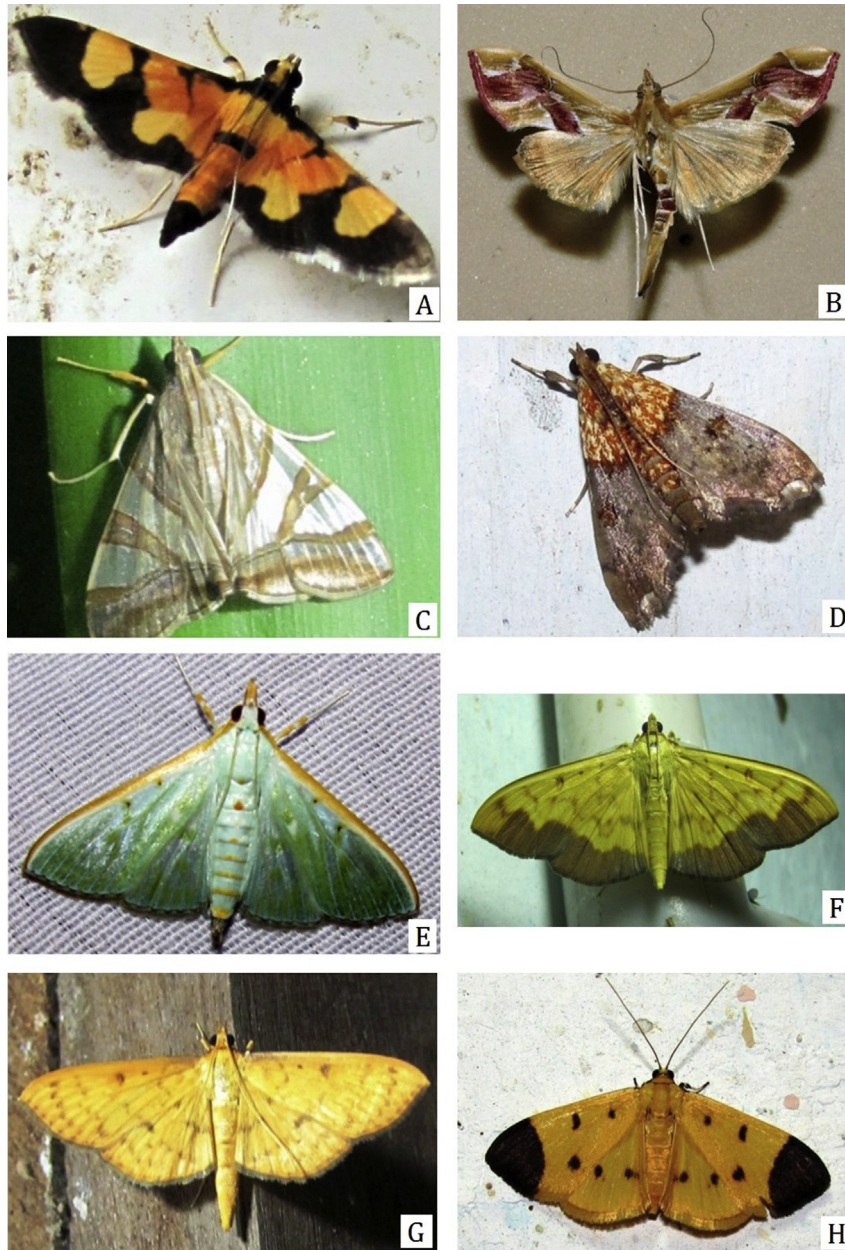
#### *Heortia vitessoides* (Moore 1885)\* (Figure 4B)

*Tyspana vitessoides* Moore (1885): 256, pl. 178, fig. 3a

**Material examined.** Bhutan 3♂, Mendrelgang (Tsirang), 20 ix 2015 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Trongsa, 23 viii 2014 (K. Wangdi); 2♀, Bumthang, 20 vi 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu, Trongsa, Bumthang), North East India, Sri Lanka, Myanmar, China, Hong Kong, Thailand, West Malaysia, Sumatra, Brunei, Sabah, Sarawak, Kalimantan (Caradja and Meyrick 1933; Hampson 1896a; Kendrick 2002; Nakao 2015; Robinson et al 1994).

**Remarks.** This species is reported for the first time from Bhutan. Common in woodland and shrubland, sometimes abundant;



**Figure 6.** Adults of family Crambidae (Spilomelinae): A, *Aethaloessa calidalis* (Guenée, 1854); B, *Agathodes ostentalis* (Geyer, 1837); C, *Agrioglypta zelimalis* (Walker, 1859); D, *Agroteta basinotata* Hampson, 1891; E, *Arthroschista hilaralis* (Walker, 1859); F, *Botyodes asialis* Guenée, 1854; G, *Botyodes caldusalis* Walker, 1859; H, *Botyodes crocopteralis* Hampson, 1899.

multivoltine, recorded throughout the year, with peaks in February, June, July, August, October, November, and December (Kendrick 2002).

***Hyalinarcha hyalinalis* (Hampson, 1896a)**

*Boeotarcha hyalinalis* Hampson, 1896a: 419

*Material examined.* Not available.

*Distribution.* Bhutan, the Andaman Islands (Hampson 1896a).

*Remarks.* The species was not found during the study.

Subfamily Pyraustinae Meyrick, 1890

***Circobotys occultilinea* (Walker, 1863)**

*Crambus occultilinea* Walker, 1863: 168

*Material examined.* Not available.

*Distribution.* Bhutan, India, West Malaysia, Sumatra, Sabah, Sarawak, Philippines (Robinson et al 1994).

*Remarks.* The species was not found during the study.

***Circobotys limbata* Moore, 1888**

*Circobotys limbata* Moore, 1888: 220, pl. 7, fig. 24.

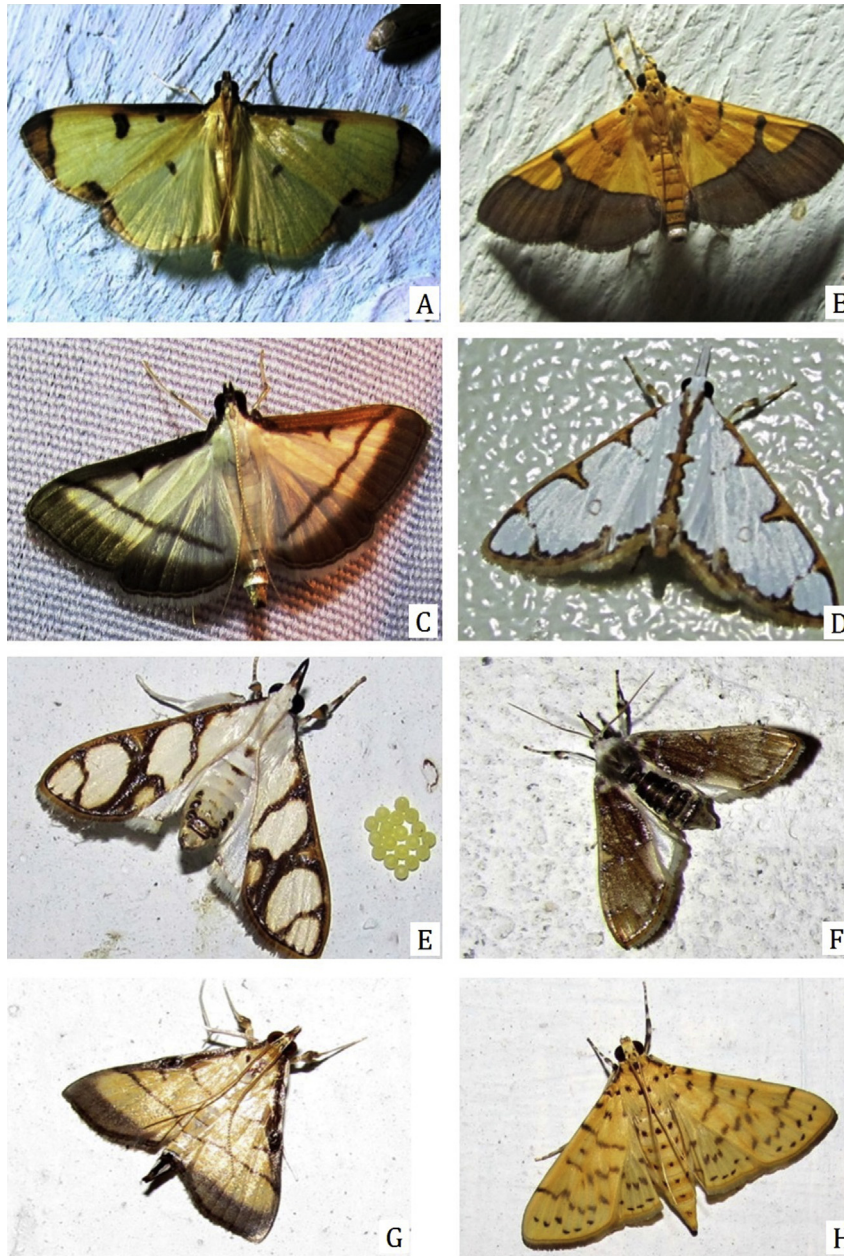
*Material examined.* Not available.

*Distribution.* Bhutan, North East India (Hampson 1896a).

*Remarks.* The species was not found during the study.

***Crocidophora fasciata* (Moore, 1888)\* (Figure 4C)**

*Hapalia fasciata* Moore, 1888: 223, pl. 7, fig. 20.



**Figure 7.** Adults of family Crambidae (Spilomelinae): A, *Uncobotyodes patulalis* Walker, 1866a; B, *Endocrosis flavibasalis* Moore, 1867; C, *Bradina diagonalis* Guenée, 1852; D, *Cirrhochrista brizoalis* (Walker, 1859); E, *Cirrhochrista fumipalpis* Felder and Rogenhofer, 1875; F, *Cirrhochrista fuscusa* Chen, Song and Wu 2006; G, *Cnaphalocrosis medinalis* Guenée, 1854; H, *Conogethes punctiferalis* Guenée, 1854.

**Material examined.** Bhutan 2♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 3♀, Gelephu (Sarpang), 21 iii 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Damphu, Dagana, Sarpang, Gelephu), India, Nepal (Hampson 1896a; Yamanaka 1995).

**Remarks.** This species is reported for the first time from Bhutan.

***Crocidophora lutusalis* Snellen, 1890**

*Crocidophora lutusalis* Snellen, 1890: 597

**Material examined.** Not available.

**Distribution.** Bhutan, India, Canara Island (Hampson 1896a).

**Remarks.** The species was not found during the study.

***Crypsitya coclesalis* (Walker, 1859c)**

*Botys coclesalis* Walker, 1859c: 701–702

**Material examined.** Not available.

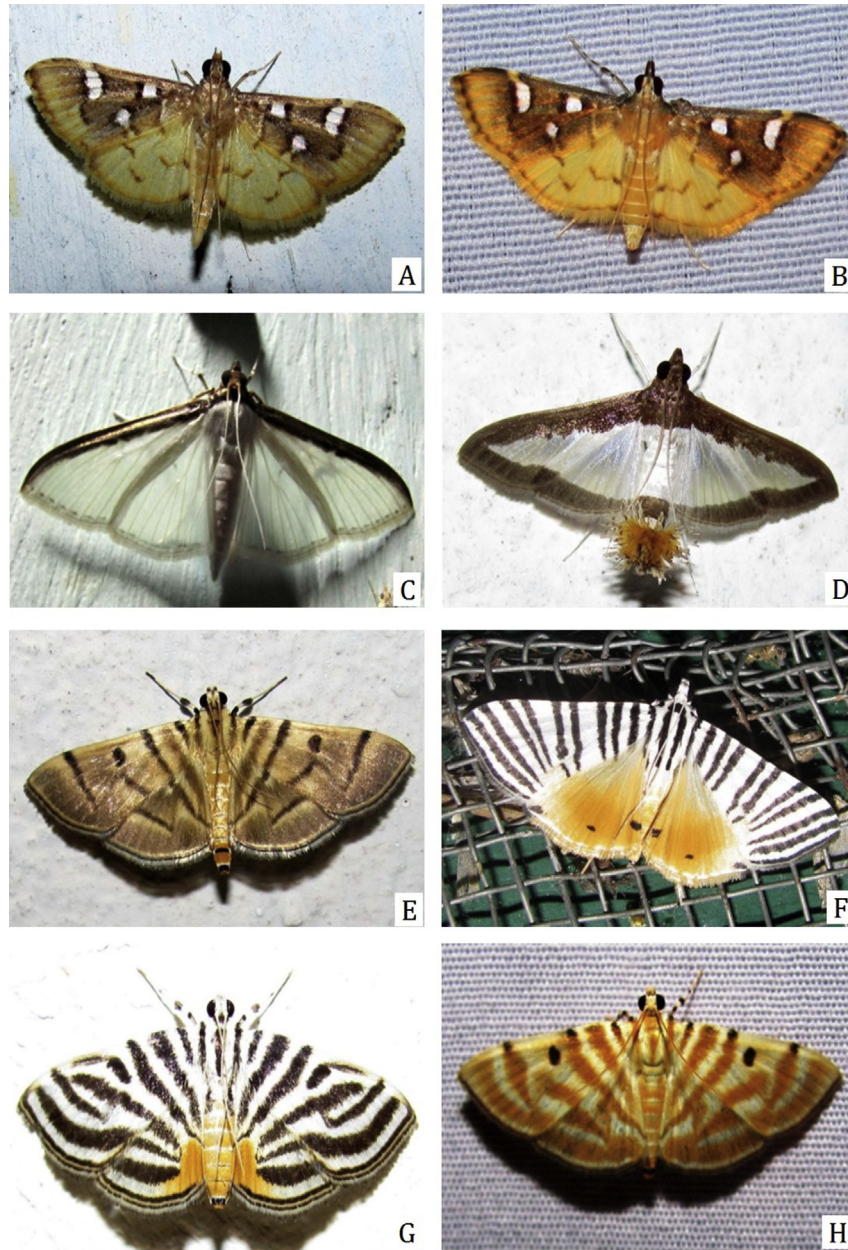
**Distribution.** Bhutan, Nepal, India, Myanmar, West Malaysia, Singapore, Hong Kong, Java, Sarawak, Japan, Philippines, Australia. (Liu and Shen 1992; Robinson et al 1994; Robinson et al 1995; Yamanaka 1998; Kendrick 2002).

**Remarks.** The species was not found during the study.

***Daulia afralis* Walker, 1859d**

*Daulia afralis* Walker, 1859d: 975–976





**Figure 8.** Adults of family Crambidae (Spilomelinae): A, *Cotachena nepalensis* Yamanaka, 2000; B, *Cotachena pubescens* (Warren, 1892); C, *Cydalima conchylalis* (Guenée, 1854); D, *Diaphnia indica* Saunders, 1851; E, *Dichrocrosis defnita* (Butler, 1889); F, *Dichrocrosis zebralis* (Moore, 1867); G, *Dichrocrosis rigidalis* (Snellen, 1890); H, *Orthospila orissusalis* (Walker, 1859).

**Material examined.** Bhutan 1♂, Mendrelgang (Tsirang), 12 iv 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang), South India, Myanmar, China, Borneo, Hong Kong, Kalimantan (Hampson 1896a; Wang et al 1981; Kendrick 2002).

**Remarks.** Occasionally found the specimen during the study.

***Diathrausta profundalis* Lederer, 1863\*** (Figure 4D)

*Diathrausta profundalis* Lederer, 1863: 438, pl. 2, fig. 24, pl. 17, fig. 7.

**Material examined.** Bhutan 1♂, Mendrelgang (Tsirang), 12 iv 2015 (J.S. Irungbam and M.S. Chib); 2♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂,

Gelephu (Sarpang), 21 iii 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

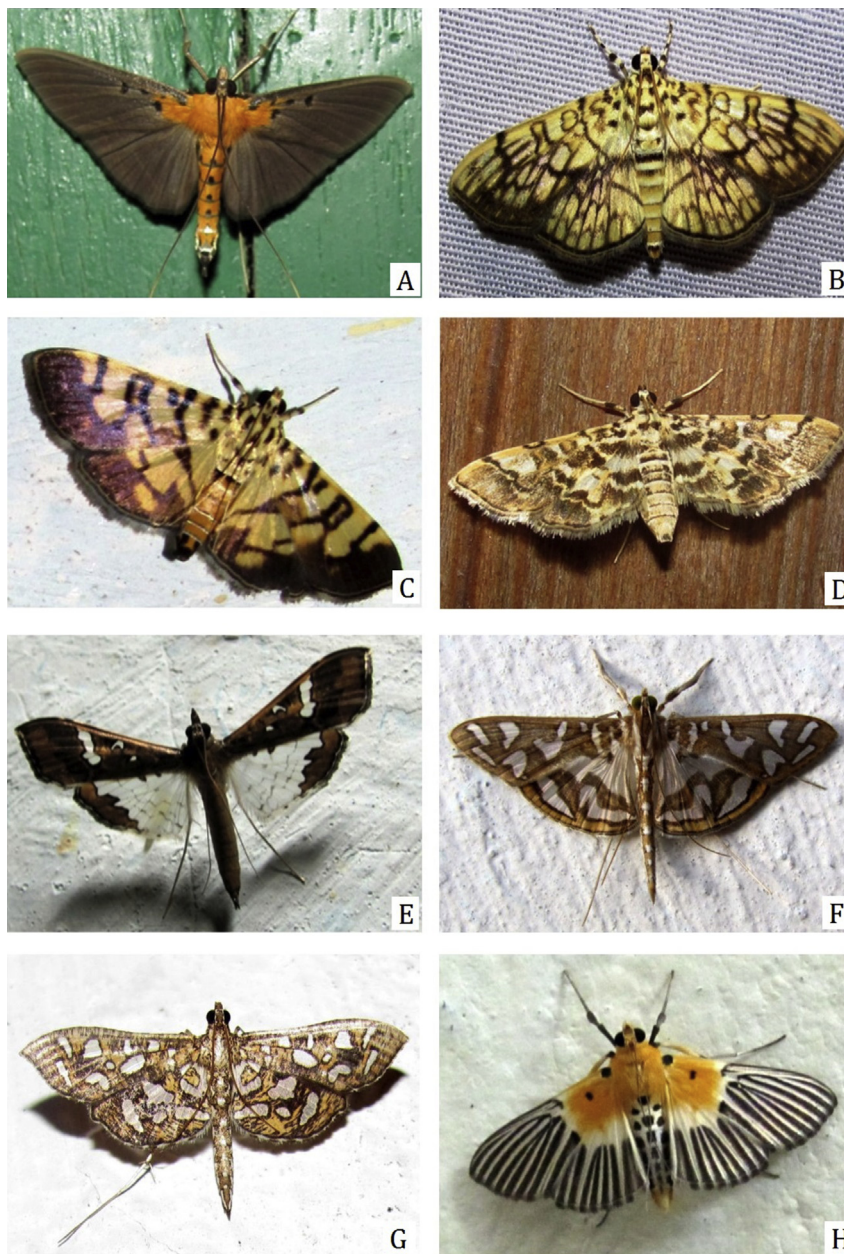
**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu), Nepal, India, Sumbawa, Hong Kong (Hampson 1896a; Robinson et al 1995; Yamanaka 1998; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Epiparbattia gloriosalis whalleyi* Munroe and Mutuura, 1971\*** (Figure 4E)

*Epiparbattia gloriosalis whalleyi* Munroe and Mutuura, 1971: 506, figs. 3, 4, 6, 8.

**Material examined.** Bhutan 2♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam



**Figure 9.** Adults of family Crambidae (Spilomelinae): A, *Filodes fulvidorsalis* Hübner, 1832; B, *Haritalodes derogata* (Fabricius, 1775); C, *Nacoleia chrysoxycta* (Meyrick, 1884); D, *Nacoleia commixta* (Butler, 1879); E, *Maruca vitrata* (Fabricius, 1787); F, *Nausinoe pueritia* (Cramer, [1780]); G, *Nausinoe geometralis* (Guenée, 1854); H, *Nevrina procopia* (Stoll, 1781).

and M.S. Chib); 2♂, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Sarpang, Gelephu), India, China, Nepal (Yamanaka 2000).

**Remarks.** This species is reported for the first time from Bhutan.

***Erpis macularis* Walker, 1863\*** (Figure 4F)

*Erpis macularis* Walker, 1863: 133

**Material examined.** Bhutan 2♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang), Borneo, W. Malaysia, Java, Brunei, Sabah, Sawarak (Robinson et al 1994).

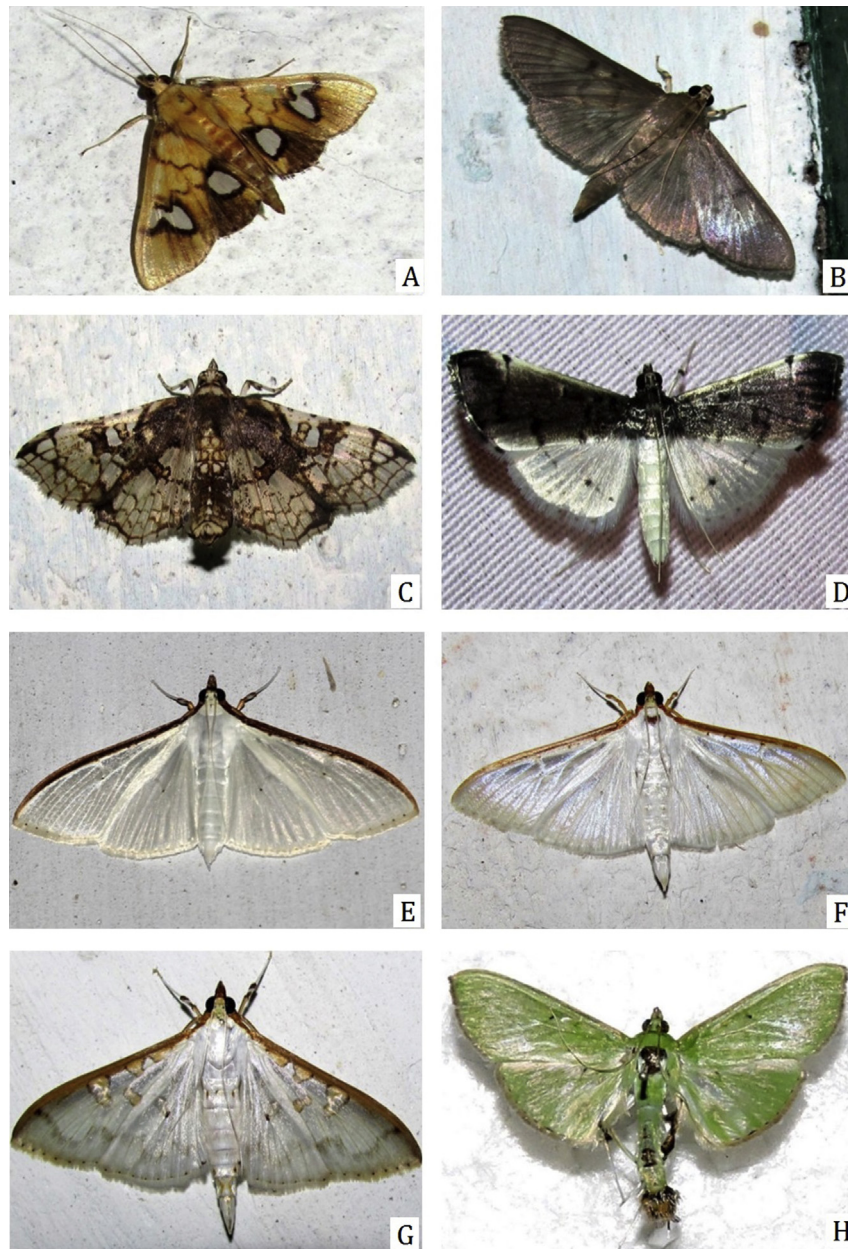
**Remarks.** The identity of the specimen is doubtful. Temporarily the specimen is identified as *E. macularis* and it is reported for the first time from Bhutan.

***Hyalobathra miniosalis* (Guenée, 1854)\*** (Figure 4G)

*Ebulea miniosalis*, Guenée, 1854: 362

**Material examined.** Bhutan 2♂, 2♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 15 viii 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu), India, Indonesia (Java), Australia (Kendrick 2002; Robinson et al 1994).



**Figure 10.** Adults of family Crambidae (Spilomelinae): A, *Nosophora semitritalis* (Lederer, 1863); B, *Omiodes noctescens* (Moore, 1888); C, *Omphisa anastomosalis* (Guenée, 1854); D, *Orphnophanes eucersalis* (Walker, 1859); E, *Palpita annulifer* (Inoue, 1996); F, *Palpita asiaticalis* Inoue, 1994; G, *Palpita warrenalis* (Swinhoe, 1894a); H, *Parotis marginata*, Hampson, 1893.

**Remarks.** This species is reported for the first time from Bhutan.

***Neadeloides glaucoptera* (Hampson, 1896a)**

*Adeloides glaucoptera* Hampson, 1896a: 395

**Material examined.** Not available.

**Distribution.** Bhutan (Hampson 1896a).

**Remarks.** Endemic to Bhutan. The species was not found during the study.

***Pachynoa sabelialis* (Guenée, 1854)\* (Figure 4H)**

*Botys sabelialis* Guenée, 1854: 326

**Material examined.** Bhutan 2♂, Mendrelgang (Tsirang), 23 viii 2014 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 12 ix

2014 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana), India, Nepal, China, Hong Kong, Malaysia, Borneo, Taiwan, Japan (Kendrick 2002; Yamanaka 2000).

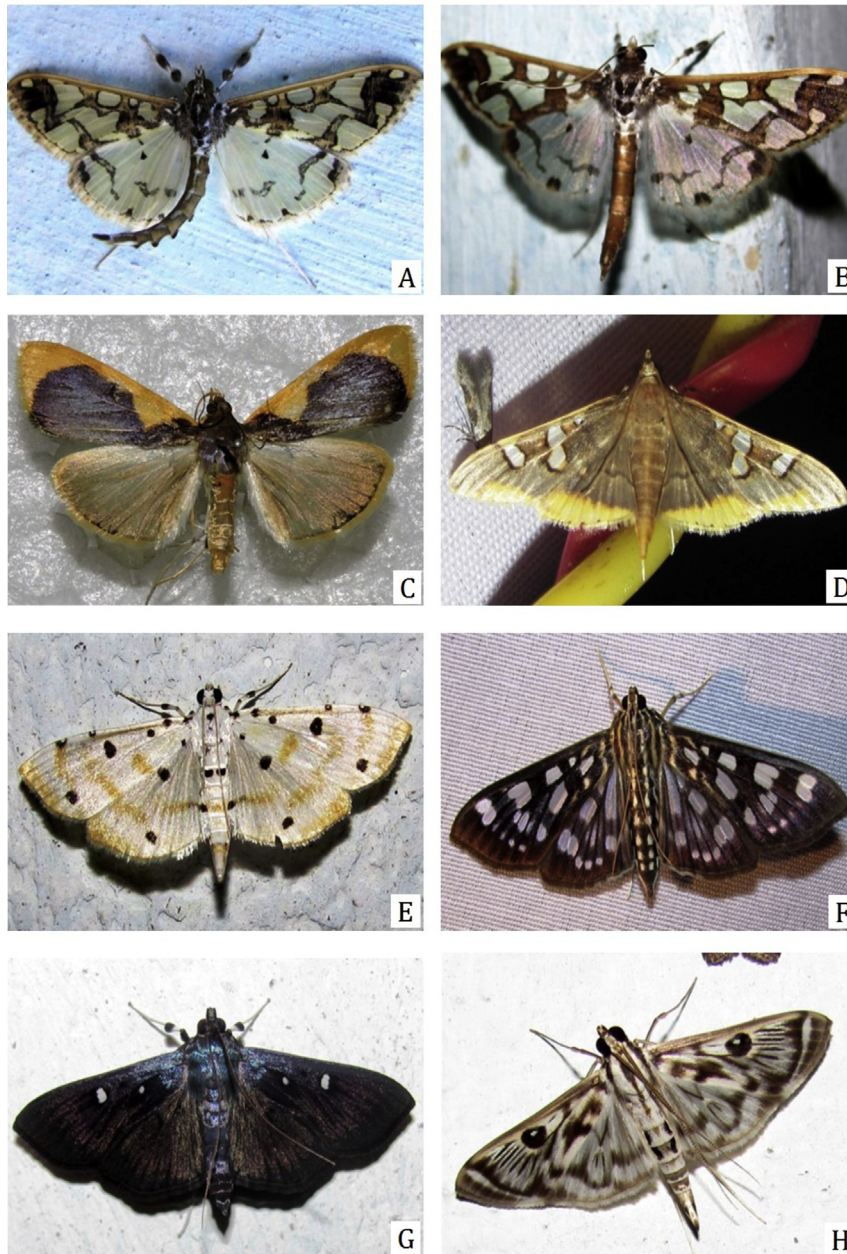
**Remarks.** This species is reported for the first time from Bhutan.

***Pachynoa xanthochyta* (Turner, 1933)\* (Figure 14D)**

*Hypermeceas xanthochyta* Turner, 1933: 170

**Material examined.** Bhutan 3♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Sarpang), Asia, Australia (Queensland) (Turner 1933).



**Figure 11.** Adults of family Crambidae (Spilomelinae): A, *Polythlipta cerealis* Lederer, 1863; B, *Polythlipta divaricate* Moore, 1885; C, *Prooedema incisalis* (Walker, 1866a); D, *Prophantis adusta* Inoue, 1986; E, *Pycnarmon lactiferalis* (Walker, 1859); F, *Pygospila tyres* (Cramer, 1780); G, *Rhagoba octomaculalis* (Moore, 1867); H, *Rhimphalea trogusalis* (Walker, 1859).

*Remarks.* This species is reported for the first time from Bhutan.

***Pagyda salvalis* Walker, 1859b\*** (Figure 5A)  
*Pagyda salvalis* Walker, 1859b: 487

*Material examined.* Bhutan 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagapela (Dagana), 20 iv 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Dagana, Dagapela), Nepal, India, Sri Lanka, Myanmar, Thailand, China, Japan, Philippines, Indonesia, Hong Kong, New Guinea (Wang et al 1981; Yamanaka 1998; Kendrick 2002).

*Remarks.* This species is reported for the first time from Bhutan.

***Paratalanta aureolalis* (Lederer, 1863)**  
*Botys aureolalis* Lederer, 1863: 375, 473

*Material examined.* Not available.

*Distribution.* Bhutan, Himalayas, Andaman Island (Hampson 1896a).

*Remarks.* The species was not found during the study.

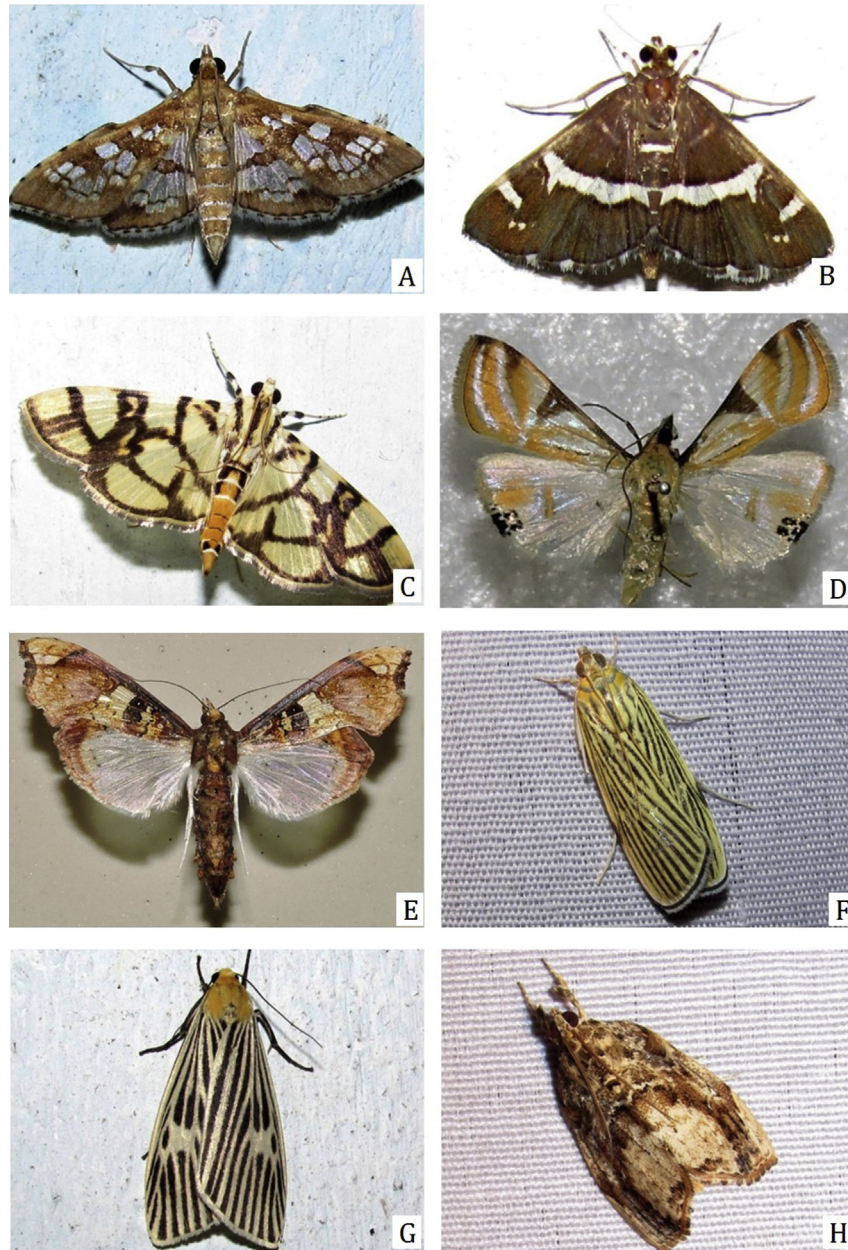
***Peribona venosa* (Butler, 1889)**

*Heterocnephes venosa* Butler, 1889: 98, pl. 135, fig. 10.

*Material examined.* Bhutan 1♂, Dagana, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Langthel (Trongsa), 12 ix 2013 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Dagana, Langthel), Himalayas and Java (Hampson 1898).

*Remarks.* This species usually attracted to light during rainy season.



**Figure 12.** Adults of family Crambidae (Spilomelinae, Glaphyriinae): A, *Sameodes cancellalis* (Zeller, 1852); B, *Spoladea recurvalis* Fabricius, 1775; C, *Syllepte gastralis* (Walker, [1865]); D, *Talanga sexpunctalis* (Moore, 1877); E, *Terastia egialealis* (Walker, 1859); F, *Tysponodes linealis* (Moore, 1867); G, *Tysponodes nigrolinealis* (Moore, 1867); H, *Crocidolomia luteotalis* Hampson, 1893.

***Limbotys limbolalis* (Moore, 1877)**

*Asopia limbolalis* Moore, 1877: 615

*Material examined.* Not available.

*Distribution.* Bhutan, North East India, Myanmar, Andaman Island (Hampson 1896a).

*Remarks.* The species was not found during the study.

Subfamily Schoenobiinae Duponchel, 1846

***Brihaspa atrostigmella sinensis* Caradja, 1933**

*Brihaspa atrostigmella sinensis* Caradja, 1933: 142

*Material examined.* Bhutan 1♀, Mendrelgang (Tsirang), 20 iv 2015 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam

and M.S. Chib); 2♂, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Bumthang, 20 vi 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

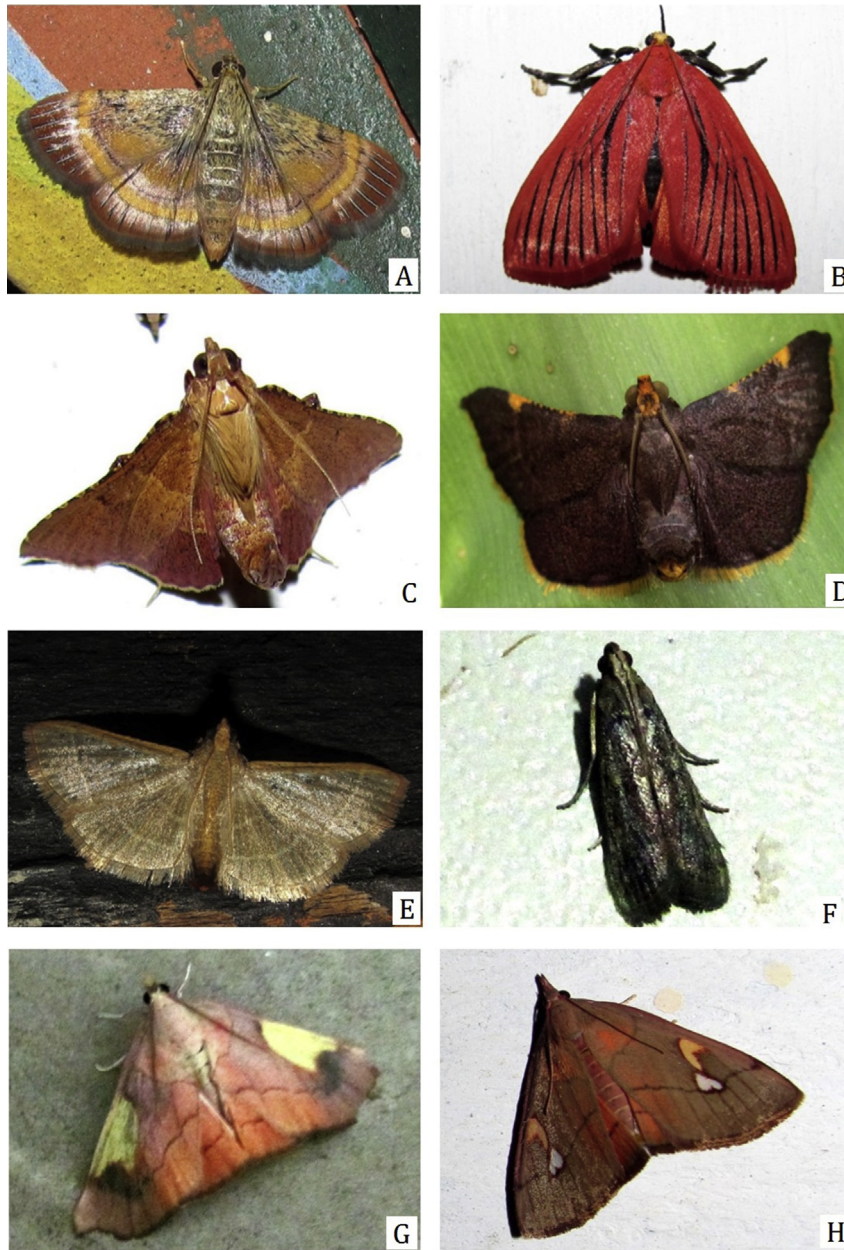
*Distribution.* Bhutan (Mendrelgang, Sarpang, Gelephu, Bumthang), India, Bangladesh, China, Myanmar, Thailand, Vietnam (Chen and Wu 2014; Nakao 2015; Robinson et al 1994).

*Remarks.* This species is usually attracted to light and vary common in all the study area.

***Ramila angustifimbrialis* (Swinhoe, 1890)**

*Crambostenia angustifimbrialis* Swinhoe, 1890: 293

*Material examined.* Bhutan 2♀, Mendrelgang (Tsirang), 20 viii 2013 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 24 vi 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).



**Figure 13.** Adults of family Pyralidae (Epipaschiinae, Pyralinae): A, *Lista ficki* (Christoph, 1881); B, *Arctioleplexis rubida* Felder and Felder, 1862; C, *Endotricha ruminalis* (Walker, 1859); D, *Hypsopygia mauritialis* (Boisduval, 1833); E, *Hypsopygia nitidiciliialis* (Hering, 1901); F, *Lamoria virescens* Hampson, 1898; G, *Orybina flaviplaga* (Walker, 1863); H, *Orybina plangonalis* (Walker, 1859).

**Distribution.** Bhutan (Mendrelgang, Damphu), Nepal, India, Myanmar, China (Taiwan), Thailand (Chen and Wu 2014; Nakao 2015; Robinson et al 1994; Yamanaka 1998).

**Remarks.** This species is usually attracted to light and very common in the study area.

***Scirpophaga excerptalis* (Walker, 1863)**

*Chilo excerptalis* Walker, 1863: 142

*Scirpophaga monostigma* Zeller, 1863: 3

**Material examined.** Not available.

**Distribution.** Bhutan, Pakistan, Nepal, India, Bangladesh, China, Taiwan, Japan, Thailand, Vietnam, Singapore, Malaysia, Java, Sumba Island, Timor, Philippines, New Guinea, New Hannover,

New Britain, New Ireland, Australia, Solomon Islands (Hampson 1896a).

**Remarks.** The species was not found during the study.

***Scirpophaga auristrigellus* (Hampson, 1896b)**

*Schoenobia auristrigellus* Hampson, 1896b: 916

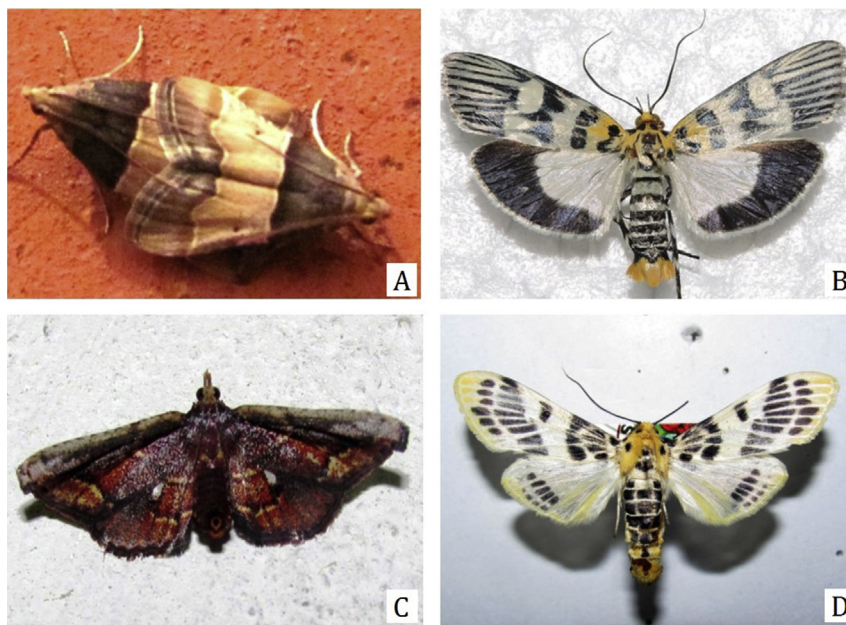
**Material examined.** Not available.

**Distribution.** Bhutan, India, China (Chen and Wu 2014; Hampson 1896b).

**Remarks.** Not found during the study.

***Scirpophaga flavidorsalis* (Hampson, 1919)**

*Topeutis flavidorsalis* Hampson, 1919: 319



**Figure 14.** Adults of family Pyralidae (Pyralinae): A, *Pyralis pictalis* (Curtis, 1834); B, *Vitessa suradeva* Moore, 1860; C, *Zitha torridalis* (Lederer, 1863). Adults of family Crambidae (Pyraustinae). D, *Pachynoa xanthochyta* (Turner, 1933).

*Material examined.* Not available.

*Distribution.* Bhutan, India, Bangladesh, China, Thailand, West Malaysia, Java, Philippines, New Guinea, Australia (Chen and Wu 2014).

*Remarks.* The species was not found during the study.

Subfamily Spilomelinae Guenée, 1854

***Glyphodes bivitalis* Guenée, 1854\*** (Figure 5B)

*Glyphodes bivitalis* Guenée, 1854: 293

*Material examined.* Bhutan 1♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♀, Gelephu (Sarpang), 21 iii 2015 (J.S. Irungbam and M.S. Chib); 2♀, Langthel (Trongsa), 14 x 2014 (J.S. Irungbam and K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Gelephu, Langthel), Nepal, India, Sri Lanka, China, Myanmar, Thailand, W. Malaysia, Singapore, Hong Kong, Sumatra, Java, Brunei, Sabah, Sarawak, Philippines, Sulawesi, Australia, America (Chandra 1996; Kendrick 2002; Robinson et al 1994, 1995; Wang et al 1981; Yamanaka 1995).

*Remarks.* This species is reported for the first time from Bhutan.

***Glyphodes canthusalis* Walker, 1859b\*** (Figure 5C)

*Glyphodes canthusalis* Walker, 1859b: 505

*Material examined.* Bhutan 1♂, 2♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♀, Damphu (Tsirang), 21 iii 2015 (J.S. Irungbam and M.S. Chib); 1♂, 2♀, Gelephu (Sarpang), 10 x 2014 (J.S. Irungbam and K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Damphu, Gelephu), Nepal, India, Myanmar, China, Macau, Philippines, Indonesia, Hong Kong, Australia (Caradja and Meyrick 1933; Easton and Pun 1996; Kendrick 2002; Robinson et al 1995; Wang et al 1981; Yamanaka 1995).

*Remarks.* This species is reported for the first time from Bhutan.

***Glyphodes crithealis* (Walker, 1859b)\*** (Figure 5D)

*Desmia crithealis* Walker, 1859b: 344

*Material examined.* Bhutan 2♂, Mendrelgang (Tsirang), 8 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Damphu (Tsirang), 21 iii 2015 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 14 iv 2014 (J.S. Irungbam); 2♂, Gelephu (Sarpang), 10 x 2014 (J.S. Irungbam and K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), Nepal, China (Yamanaka 1998).

*Remarks.* This species is reported for the first time from Bhutan.

***Glyphodes harutai* Yamanaka, 1998\*** (Figure 5E)

*Glyphodes harutai* Yamanaka, 1998: 108, pl. 142: 15

*Material examined.* Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang), Nepal (Yamanaka 1998).

*Remarks.* This species is reported for the first time from Bhutan and range extension of the species eastward to Bhutan from Nepal.

***Glyphodes onychinalis* (Guenée, 1854)\*** (Figure 5F)

*Asopia onychinalis* Guenée, 1854: 205, pl. 6, fig. 9.

*Material examined.* Bhutan 1♂, 2♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♀, Damphu (Tsirang), 21 iii 2015 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 14 iv 2014 (J.S. Irungbam); 2♀, Gelephu (Sarpang), 10 x 2014 (J.S. Irungbam and K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), India, Sri Lanka, Nepal, China, Japan, Korea, Myanmar, Indonesia, Hong Kong, Australia, Africa (Kendrick 2002; Liu and Shen 1992; Robinson et al 1995; Wang et al 1981; Wu 1984; Yamanaka 1995).

*Remarks.* This species is reported for the first time from Bhutan. Very common in the study area.

***Glyphodes stolalis* Guenée, 1854\*** (Figure 5G)

*Glyphodes stolalis* Guenée, 1854: 293, pl. 3, fig. 11.

*Material examined.* Bhutan 2♂, Mendrelgang (Tsirang), 8 ix 2014 (J.S. Irungbam and M.S. Chib); 2♀, Damphu (Tsirang), 21 iii 2015 (J.S.

Irungbam and M.S. Chib); 1♂, Dagana, 14 iv 2014 (J.S. Irungbam); 1♂, 1♀, Sarpang, 20 vii 2014 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 10 x 2014 (J.S. Irungbam and K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu), India, Sri Lanka, Nepal, Myanmar, Thailand, China, Japan, W. Malaysia, Sumatra, Java, Borneo, Philippines, Sulawesi, New Guinea, Australia, the Solomon Islands (Robinson et al 1994; Yamanaka 1995; Yamanaka 1998; Sterling and Kendrick 2011).

**Remarks.** This species is reported for the first time from Bhutan.

***Patania caletoralis* (Walker, 1859c)\* (Figure 5H)**

*Botys caletoralis* Walker, 1859c: 651

**Material examined.** Bhutan 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 23 v 2015 (J.S. Irungbam and M.S. Chib); 1♀, Trongsa, 25 iii 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Trongsa, Sarpang, Gelephu), Nepal, India, South China, Taiwan, Hong Kong, New Guinea, Australia (Wang and Speidel 2000; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Aethaloessa calidalis* (Guenée, 1854)\* (Figure 6A)**

*Glyphodes calidalis* Guenée, 1854: 294

**Material examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 23 v 2015 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu), Nepal, India, Sri Lanka, Myanmar, China, Indonesia, Hong Kong, Africa (Cameroon) (Yamanaka 1994; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Agathodes ostentalis* (Geyer, 1833)\* (Figure 6B)**

*Perinephela ostentalis* Geyer, 1833: 11, pl. 143, figs. 833, 834.

**Material examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 18 v 2015 (J.S. Irungbam and K. Wangdi); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu), Nepal, India, Sri Lanka, Myanmar, China, Indonesia, Hong Kong (Caradja and Meyrick 1933; Wang et al 1981; Robinson et al 1995; Yamanaka 2000; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Agrioglypta naralis* (Felder and Rogenhofer 1875)**

*Glyphodes naralis* Felder and Rogenhofer, 1875: 292–293, pl. 136, fig. 38.

**Material examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana), Nepal, India, W. Malaysia, Sumatra, Java, Brunei, Sarawak, Philippines (Robinson et al 1994).

**Remarks.** This species is very common in Bhutan.

***Agrioglypta zelimalis* (Walker, 1859b)\* (Figure 6C)**

*Glyphodes zelimalis* Walker, 1859b: 502

**Material examined.** Bhutan 2♂, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Damphu (Tsirang), 24 vi 2015 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 23 v 2015 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu), India, Sri Lanka, Vietnam, China, Indonesia, Hong Kong, Australia (Wang et al 1981; Yamanaka 1998; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Agrotera basinotata* Hampson, 1891\* (Figure 6D)**

*Agrotera basinotata* Hampson, 1891: 39, 137, pl. 155, fig. 13.

**Material examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu), India, Sri Lanka, Myanmar, Thailand, Hong Kong, Japan (Hampson 1896a; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan. Common in woodland and one record from beach shrubland.

***Agrotera discinotata* Swinhoe, 1894a**

*Agrotera discinotata* Swinhoe, 1894a: 207–208

**Material examined.** Not available.

**Distribution.** Bhutan, North East India (Hampson 1896a).

**Remarks.** The species was not found during the study.

***Arthroschista hilaralis* (Walker, 1859c)\* (Figure 6E)**

*Margaronia hilaralis* Walker, 1859c: 532

**Material examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu), India, Sri Lanka, Myanmar, Cambodia, Sumatra, Borneo, Australia (Walker 1859; Robinson et al 1994; Savelle 2016).

**Remarks.** This species is reported for the first time from Bhutan.

***Bocchoris inspersalis* (Zeller, 1852)**

*Botys inspersalis* Zeller, 1852: 33

**Material examined.** Not available.

**Distribution.** Bhutan, Africa, India, Sri Lanka, Myanmar, China, Japan, Indonesia, Hong Kong (Hampson 1896a; Wang et al 1981; Liu and Shen 1992; Kendrick 2002).

**Remarks.** The species was not found during the study.

***Botyodes asialis* Guenée, 1854\* (Figure 6F)**

*Botyodes asialis* Guenée, 1854: 321

**Material examined.** Bhutan 1♂, 3♀, Mendrelgang (Tsirang), 20 iv 2014 (J.S. Irungbam and M.S. Chib); 2♂, 1♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, 2♀, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 3♀, Bumthang, 21 ix 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Bumthang), Nepal, India, Sri Lanka, China, Thailand, Hong Kong, Singapore, Sarawak, Philippines, New Guinea, Australia, Africa



(Caradja and Meyrick 1933; Wang et al 1981; Robinson et al 1994; Nielsen et al 1996; Yamanaka 2000; Kendrick 2002).

**Remarks.** It is a very common species and is abundant. This species is reported for the first time from Bhutan.

***Botyodes caldusalis* Walker, 1859c\*** (Figure 6G)

*Botyodes caldusalis* Walker, 1859c: 650

**Material examined.** Bhutan 4♂, 1♀, Mendrelgang (Tsirang), 15 x 2014 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 20 x 2014 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Dagana), Nepal, India, China, Hong Kong (Caradja and Meyrick 1933; Robinson et al 1995; Yamanaka 1998; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Botyodes crocopteralis* Hampson, 1899\*** (Figure 6H)

*Botyodes crocopteralis* Hampson, 1899: 710

**Material examined.** Bhutan 2♂, 1♀, Damphu (Tsirang), 20 x 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 18 ix 2015 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Damphu, Dagana, Sarpang), Nepal, North East India, Myanmar, Thailand. (Yamanaka 1995; Yamanaka 2000).

**Remarks.** This species is reported for the first time from Bhutan.

***Uncobotyodes patulalis* (Walker, 1866a)\*** (Figure 7A)

*Botys patulalis* Walker, 1866a: 119

**Material examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 23 viii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Dagana, Sarpang, Gelephu), China, Hong Kong (Caradja and Meyrick 1933; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Endocrosis flavibasalis* (Moore, 1867)\*** (Figure 7B)

*Botyodes flavibasalis* Moore, 1867: 96

**Material examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 23 viii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu), Nepal; India (Sikkim), Nicobar Is, China, Sumatra, Hong Kong, New Guinea (Caradja and Meyrick 1933; Chandra 1996; Yamanaka 1998; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Bradina diagonalis* Guenée, 1852\*** (Figure 7C)

*Salbia diagonalis* Guenée, 1852: 201

**Material examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 23 viii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib); 2♂, Bumthang, 23 iv 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu, Bumthang), India, Taiwan, Myanmar, W. Malaysia, Sumatra, Java, Sabah (Robinson et al 1995).

**Remarks.** This species is reported for the first time from Bhutan.

***Bradina subpurpurescens* (Warren, 1896a)**

*Pleonectusa subpurpurescens* Warren, 1896a: 147–148

**Material examined.** Not available.

**Distribution.** Bhutan, North East India (Hampson 1896a).

**Remarks.** The species was not found during the study.

***Cirrhochrista brizoalis* (Walker, 1859d)\*** (Figure 7D)

*Margaronia brizoalis* Walker, 1859d: 1001

**Material examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Bumthang, 18 v 2015 (K. Wangdi); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Bumthang, Dagana, Gelephu), Nepal, India, Nicobar Island, China, Japan, Borneo, Hong Kong, Macau, Sulawesi, Australia (Caradja and Meyrick 1933; Wang et al 1981; Chandra 1996; Easton and Pun 1996; Yamanaka 1998; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Cirrhochrista fumipalpis* Felder and Rogenhofer, 1875\*** (Figure 7E)

*Cirrhochrista fumipalpis* Felder and Rogenhofer, 1875: pl. 135, fig. 31.

**Material examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang), Nepal, Andaman and Nicobar Island, Nepal, China, Japan, Philippines, Hong Kong (Wang et al 1981; Robinson et al 1995; Chandra 1996; Yamanaka 1998; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Cirrhochrista fuscusa* Chen et al, 2006a\*** (Figure 7F)

*Cirrhochrista fuscusa* Chen et al, 2006a: 101–102, figs 3, 13.

**Material examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang), China, Taiwan (Chen et al 2006a).

**Remarks.** This species is reported for the first time from Bhutan.

***Cirrhochrista semibrunnea* Hampson, 1896a**

*Cirrhochrista semibrunnea* Hampson, 1896a: 918

**Material examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 15 v 2015 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Gelephu) (Hampson 1896a).

**Remarks.** Occasionally found during the study.

***Cnaphalocrosis medinalis* (Guenée, 1854)\*** (Figure 7G)

*Salbia medinalis* Guenée, 1854: 201

**Material examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagapela (Dagana), 18 v 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Dagapela, Gelephu), Nepal, Andaman and Nicobar Island, China, Macau, Japan, Korea, Hong Kong (Wu 1984; Liang et al 1989; Robinson et al 1994; Robinson et al 1995; Chandra 1996; Easton and Pun 1996; Yamanaka 1998; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan. Widely distributed throughout India. It is an important defoliating insect of rice crops in Asia. It occurs on *Oryza sativa* as a sporadic pest.

***Conogethes haemactalis* Snellen, 1890**

*Conogethes haemactalis* Snellen, 1890: 592

**Material examined.** Not available.

**Distribution.** Bhutan, North East India, Borneo, Sumbawa, Australia (Hampson 1896a).

**Remarks.** The species was not found during the study.

***Conogethes punctiferalis* (Guenée, 1854)\* (Figure 7H)**

*Astura punctiferalis* Guenée, 1854: 320

**Material examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), Pakistan, Nepal, India, China, Japan, Korea, Hong Kong, Australia (Wang et al 1981; Wu 1984; Liang et al 1989; Liu and Shen 1992; Robinson et al 1995; Nielsen et al 1996; Yamanaka 1998; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Cotachena nepalensis* Yamanaka, 2000\* (Figure 8A)**

*Cotachena nepalensis* Yamanaka, 2000: 64, pl. 163

**Materials examined.** Bhutan 1♂, Mendrelgang (Tsirang), 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Damphu (Tsirang), 24 vi 2015 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Sarpang, 15 vii 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang), Nepal (Yamanaka 2000).

**Remarks.** This species is reported for the first time from Bhutan and a new distribution for the species eastward to Nepal.

***Cotachena pubescens* (Warren, 1892)\* (Figure 8B)**

*Archernis pubescens* Warren, 1892: 300

**Materials examined.** Bhutan 1♀, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Gelephu (Sarpang), 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Dagana, Gelephu), Nepal, Taiwan, China, Indonesia (Yamanaka 1995).

**Remarks.** This species is reported for the first time from Bhutan.

***Cydalima conchylalis* (Guenée, 1854)\* (Figure 8C)**

*Margarodes conchylalis* Guenée, 1854: 303, pl. 8, fig. 9.

**Materials examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), India, Sri Lanka, China, Myanmar, Andaman Island, Thailand, West Malaysia, Sumatra, Java, Sabah, Sarawak, Sulawesi, Moluccas, New Guinea, Australia, Samoa, New Hebrides (Robinson et al 1994; Robinson et al 1995).

**Remarks.** This species is reported for the first time from Bhutan.

***Diaphnia indica* Saunders, 1851\* (Figure 8D)**

*Eudiotpes indica* Saunders, 1851: 163

**Materials examined.** Bhutan 2♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 3♂, 1♀, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Trongsa, 12 iii 2014 (K. Wangdi); 2♀, Bumthang, 12 x 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu, Trongsa, Bumthang), Nepal, Andaman and Nicobar Island, China, Macau, Japan, Korea, Hong Kong, Central America, Africa, Madagascar, Arabia, (Wang et al 1981; Wu 1984; Liang et al 1989; Liu and Shen 1992; Robinson et al 1995; Easton and Pun 1996; Chandra 1996; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan. It is occasionally a significant pest of cucurbits and some other plants.

***Dichocrocis bistrigalis* (Walker, 1866a)**

*Zebronia bistrigalis* Walker, 1866a: 1348

**Materials examined.** Not available.

**Distribution.** Bhutan, India (Hampson 1896a).

**Remarks.** The species was not found during the study.

***Dichocrocis definita* (Butler, 1889)\* (Figure 8E)**

*Haritala definita* Butler, 1889: 97, pl. 133, fig. 9.

**Materials examined.** Bhutan 2♂, Damphu (Tsirang), 20 vii 2014 (J.S. Irungbam and M.S. Chib); 2♂, Sarpang, 15 v 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Damphu, Sarpang), Nepal, India (Robinson et al 1995; Yamanaka 2000).

**Remarks.** This species is reported for the first time from Bhutan.

***Dichocrocis evaxalis* (Walker, 1859d)**

*Botys evaxalis* Walker, 1859d: 995

**Materials examined.** Not available.

**Distribution.** Bhutan, North East India, Sri Lanka, Sumatra, Java (Hampson 1896a).

**Remarks.** The species was not found during the study.

***Dichocrocis zebralis* (Moore, 1867)\* (Figure 8F)**

*Pyncnarmon zebralis* Moore, 1867: 91, pl. 7, fig. 12.

**Materials examined.** Bhutan 2♂, 2♀, Mendrelgang (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Sarpang), Nepal, China, Hong Kong (Caradja and Meyrick 1933; Yamanaka 2000; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Dichocrocis rigidalis* (Snellen, 1890)\* (Figure 8G)**

*Zebronia rigidalis* Snellen, 1890: 631

**Materials examined.** Bhutan 1♂, 1♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 1♂, Damphu (Tsirang), 18 v 2014 (J.S. Irungbam and M.S. Chib); 1♂, 2♀, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Dagapela, Gelephu), Nepal (Yamanaka 1998).

**Remarks.** This species is reported for the first time from Bhutan.

***Orthospila orissusalis* (Walker, 1859c)\* (Figure 8H)**

*Botys orissusalis* Walker, 1859c: 701

**Materials examined.** Bhutan 2♂, Damphu (Tsirang), 18 v 2014 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Sarpang, 20 ix 2013 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Damphu, Dagana, Sarpang, Gelephu), India, Sri Lanka, China, Indonesia, Hong Kong (Caradja and Meyrick 1933; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Dolicharthria paediusalis* (Walker, 1859c)**

*Scopula paediusalis* Walker, 1859c: 788–789

**Materials examined.** Not available.

**Distribution.** Bhutan, Congo, South Africa, Yemen (Hampson 1896a).

**Remarks.** The species was not found during the study.

***Filodes fulvidorsalis* Hübner, 1832\* (Figure 9A)**

*Pinacia fulvidorsalis* Hübner, 1832: 643–644, fig. 15.

**Materials examined.** Bhutan 2♂, Mendrelgang (Tsirang), 10 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Damphu (Tsirang), 18 v 2014 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 2♀, Gelephu (Sarpang), 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), India, Sri Lanka, Sikkim, Vietnam, China, Indonesia, Hong Kong (Caradja and Meyrick 1933; Wang et al 1981; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Haritalodes derogata* (Fabricius, 1775)\* (Figure 9B)**

*Phalaena derogata* Fabricius, 1775: 641

**Materials examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 2♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), Nepal, India, Sri Lanka, Myanmar, Andaman Island, China, West Malaysia, Singapore, Hong Kong, Bali, New Guinea, Japan, Australia, Solomon Island, Samoa, Fiji; West Africa (Caradja and Meyrick 1933; Wang et al 1981; Liu and Shen 1992; Robinson et al 1994; Chandra 1996; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan and is very common in the study area.

***Nacoleia chrysorycta* (Meyrick, 1884)\* (Figure 9C)**

*Semiothisa chrysorycta* Meyrick, 1884: 320

**Materials examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 vi 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 vi 2013 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 vi 2014 (J.S.

Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 vii 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), India, Sri Lanka, Myanmar, Japan, Korea, China, Taiwan, Australia (Kim et al 2014).

**Remarks.** This species is reported for the first time from Bhutan. Adults fly from June to July (Kim et al 2014).

***Nacoleia commixta* (Butler, 1879)\* (Figure 9D)**

*Samea commixta* Butler, 1879: 453

**Materials examined.** Bhutan 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Bumthang, 18 v 2015 (K. Wangdi); 1♂, Langthel (Trongsa), 23 viii 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Damphu, Bumthang, Langthel), Nepal, India, Sri Lanka, China, Korea, Japan, Taiwan, Cambodia, Vietnam, Hong Kong (Caradja and Meyrick 1933; Wang et al 1981; Wu 1984; Yamanaka 1998; Kendrick 2002, Kim et al 2014).

**Remarks.** This species is reported for the first time from Bhutan. Adults appear from May to August (Kim et al 2014).

***Maruca testulalis* (Hübner, 1832)**

*Crochiphora testulalis* Geyer in Hübner, 1832: 12, pl. 109, figs. 629–630.

**Materials examined.** Not available.

**Distribution.** Bhutan, throughout Indo-Australian, Africa, Oriental, Neotropical regions (Robinson et al 1994).

**Remarks.** The species was not found during the study.

***Maruca vitrata* (Fabricius, 1787)\* (Figure 9E)**

*Phalaena vitrata* Fabricius, 1787: 215

**Materials examined.** Bhutan 4♂, 3♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 1♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 2♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Sarpang, 30 ix 2014 (J.S. Irungbam and K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu), Pantropical, Nicobar Island, Nepal, China, Macau, Japan, Australia, Hong Kong (Liu and Shen 1992; Robinson et al 1994; Chandra 1996; Nielsen et al 1996; Easton and Pun 1996; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Massepha absolutalis* Walker, 1859b**

*Massepha absolutalis* Walker, 1859b: 489

**Materials examined.** Not available.

**Distribution.** Bhutan, India, Sri Lanka (Hampson 1896a).

**Remarks.** The species was not found during the study.

***Mimudea phoenicistis* (Hampson, 1896a)**

*Pionea phoenicistis* Hampson, 1896a: 428

**Materials examined.** Not available.

**Distribution.** Bhutan, India, Myanmar, and Thailand (Hampson 1896a).

**Remarks.** The species was not found during the study.

***Nausinoe pueritia* (Cramer, 1780)\* (Figure 9F)**

*Phalaena pueritia* Cramer (1780): 128, pl. 264, fig. F (not E!)

**Materials examined.** Bhutan 1♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 23 v 2015 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu), Nepal, India, Sri Lanka, Andaman Island, West Malaysia, Hong Kong, Java, Kepulauan Kai, New Guinea, Australia (Robinson et al 1994; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Nausinoe geometralis* (Guenée, 1854)\* (Figure 9G)**

*Lepyrodes geometralis* Guenée, 1854: 278, pl. 8, fig.6.

**Materials examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang), India, Nepal, Sri Lanka, China, Indonesia, Philippines, Hong Kong, Africa, Australia (Robinson et al, 1995; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Nevrina procopia* (Stoll in Cramer and Stoll, 1781)\* (Figure 9H)**

*Phalaena procopia* Stoll in Cramer and Stoll, 1781: 152, pl. 368, fig. E.

**Materials examined.** <Bhutan> 1♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Dagana, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Dagana, Gelephu), Nepal, India, Sri Lanka, W. Malaysia, Singapore, Sumatra, Java, Bali, Brunei, Sabah, Sarawak, Philippines, Sulawesi, Ambon, New Guinea, Louisiade Archipelago (Robinson et al 1994; Yamanaka 2000).

**Remarks.** This species is reported for the first time from Bhutan.

***Niphopyralis albida* Hampson, 1893**

*Niphopyralis albida* Hampson, 1893: 52, 181, pl. 174, fig. 25.

**Materials examined.** Not available.

**Distribution.** Bhutan, India, Sri Lanka, Borneo, Hong Kong (Hampson 1896a; Kendrick 2002).

**Remarks.** The species was not found during the study.

***Nosophora glyphodalis* (Walker, 1866a)**

*Analtes [sic] glyphodalis* Walker, 1866a: 1488

**Materials examined.** Not available.

**Distribution.** Bhutan, Sri Lanka, Myanmar, Indonesia (Hampson 1896a).

**Remarks.** The species was not found during the study.

***Nosophora semitritalis* (Lederer, 1863)\* (Figure 10A)**

*Analthes semitritalis* Lederer, 1863: 407, pl. 14, fig. 14.

**Materials examined.** Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Dagana, Gelephu), Nepal, India, Myanmar, China, Japan, Indonesia, Philippines, Hong Kong (Wang et al 1981; Wu 1984; Liu and Shen 1992; Robinson et al 1995; Yamanaka 1998; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Omiodes noctescens* (Moore, 1888)\* (Figure 10B)**

*Charema noctescens* Moore, 1888: 218

**Materials examined.** Bhutan 3♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 16 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana), Nepal, India, Japan, Korea, Taiwan, China (Yamanaka 2000).

**Remarks.** This species is reported for the first time from Bhutan.

***Omphisa anastomosalis* (Guenée, 1854)\* (Figure 10C)**

*Pionea anastomosalis* Guenée, 1854: 373–374

**Materials examined.** Bhutan 3♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 20 vi 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), India, Sri Lanka, Myanmar, China, Indonesia, Hong Kong, Philippines, Australia, Hawaii Island, Africa, Americas (Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Orphnophanes eucerusalis* (Walker, 1859d)\* (Figure 10D)**

*Botys eucerusalis* Walker, 1859d: 1002

**Materials examined.** Bhutan 3♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang), India, Indonesia, Australia.

**Remarks.** This species is reported for the first time from Bhutan.

***Palpita annulifer* (Inoue, 1996)\* (Figure 10E)**

*Palpita annulata* Kirti and Rose, 1992: 69, figs. 12–15, nec Fabricius.

**Materials examined.** Bhutan 1♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 2♀, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), North East Nepal, India, Thailand, Vietnam, Sumatra, Borneo, Java, Sulawesi, Philippines, Hong Kong, Japan, China (Inoue 1996; Caradja and Meyrick 1933; Kendrick 2002).

**Remarks.** The species *P. annulifer* is a new record for Bhutan.

***Palpita asiaticalis* Inoue, 1994\* (Figure 10F)**

*Palpita asiaticalis* Inoue, 1994: 98, figs. 3, 4, 11, 12, 14.

**Materials examined.** Bhutan 1♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Sarpang), Nepal, India, Thailand, Vietnam, China, Hong Kong (Inoue 1997; Yamanaka 1998; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Palpita warrenalis* (Swinhoe, 1894b)\* (Figure 10G)**

*Margaronia warrenalis* Swinhoe, 1894b: 148

**Materials examined.** Bhutan 2♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Damphu, Sarpang), India, Nepal, China, Vietnam, Sumatra, Hong Kong, Borneo (Inoue 1997; Robinson et al 1995; Nielsen et al 1996; Yamanaka 1998; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Parotis marginata* (Hampson, 1893)\* (Figure 10H)**

*Cenocnemis marginata* Hampson, 1893: 169, pl. 173, fig. 23

**Materials examined.** Bhutan 1♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 20 v 2014 (J.S. Irungbam and M.S. Chib); 1♀, Gelephu (Sarpang), 14 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), India, Bangladesh, Sri Lanka, China, Fiji, Japan, Australia (Savelle 2016).

**Remarks.** This species is reported for the first time from Bhutan.

***Pleuroptya quadrimaculalis* Kollar, 1844**

*Scopula quadrimaculalis* Kollar, 1844: 492

*Sylepta quadrimaculalis* Lederer, 1863: pl. 16, fig. 12

*Pleuroptya quadrimaculalis* Inoue, 1982 1: 343, 2: 234, 454

**Materials examined.** None available.

**Distribution.** Bhutan, Nepal, India, China, Korea, Japan, Far-East Russia, Taiwan, Borneo, Congo.

**Remarks.** The species was not found during the study.

***Poliobotys ablactalis* (Walker, 1859c)**

*Botys ablactalis* Walker, 1859c: 660

**Materials examined.** Not available.

**Distribution.** Bhutan, India, Andaman Island (Hampson 1896).

**Remarks.** The species was not found during the study.

***Polythlipta cerealis* Lederer, 1863\* (Figure 11A)**

*Polythlipta cerealis* Lederer, 1863: 477

**Materials examined.** Bhutan 2♂, 1♀, Mendrelgang (Tsirang), 14 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 14 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 2♂, Sarpang, 21 iii 2015 (J.S. Irungbam and M.S. Chib); 2♀, Gelephu (Sarpang), 14 x 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu), Nepal, Thailand, Peninsular Malaysia, Borneo (Yamanaka 1998).

**Remarks.** This species is reported for the first time from Bhutan.

***Polythlipta divaricata* Moore, 1885\* (Figure 11B)**

*Polythlipta divaricata* Moore, 1885: 311, pl. 179, fig. 16.

**Materials examined.** Bhutan 1♀, Mendrelgang (Tsirang), 14 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 14.viii.2014 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 15 iii 2014 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 14 x 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), Sri Lanka, China, Taiwan, Papua New Guinea (Robinson et al 1994).

**Remarks.** This species is reported for the first time from Bhutan.

***Polythlipta ossealis* Lederer, 1863**

*Polythlipta ossealis* Lederer, 1863: 389, 477 (as osseatalis), pl. 12, fig. 18

**Materials examined.** Bhutan 2♂, Bumthang, 14 x 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Bumthang), North East India, Sumatra, Indonesia (Hampson 1896a; Robinson et al 1994).

**Remarks.** The species was not found during the study.

***Prooedema incisalis* (Walker, 1866a)\* (Figure 11C)**

*Botys incisalis* Walker, 1866a: 1410

**Materials examined.** Bhutan 2♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu), Nepal, India, Sri Lanka, Myanmar, China, Thailand, Brunei, Borneo, Hong Kong, Sarawak, Philippines, Sulawesi, New Guinea, Australia, Solomon Islands (Caradja and Meyrick 1933; Wang et al 1981; Robinson et al 1994; Chandra 1996; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Prophantis adusta* Inoue, 1986\* (Figure 11D)**

*Prophantis adusta* Inoue, 1986: 157

**Materials examined.** Bhutan 1♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), China, Hong Kong (Caradja and Meyrick 1933; Kendrick 2002).

**Remarks.** This species is reported for the first time from Bhutan.

***Pycnarmon abraxalis* (Walker, 1866a)**

*Zebronia abraxalis* Walker, 1866a: 1349–1350

**Materials examined.** Bhutan 2♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Damphu, Sarpang, Gelephu), India, Myanmar, Thailand (Hampson 1896a).

**Remarks.** A very common species.

***Pycnarmon cribrata* (Fabricius 1794)**

*Phalaena cribrata* Fabricius, 1794: 215

**Materials examined.** Not available.

**Distribution.** Bhutan, Nepal, China, Hong Kong, Australia (Liu and Shen 1992; Robinson et al 1995; Yamanaka 2000, Kendrick 2002).

**Remarks.** The species was not found during the study.

***Pycnarmon jaguaralis* (Guenée, 1854)**

*Spilomela jaguaralis* Guenée, 1854: 283

**Materials examined.** Not available.

**Distribution.** Bhutan (Damphu), India, Nepal, Malaysia, Indonesia, the Solomon Islands, Australia, Papua New Guinea (Caradja and Meyrick 1933).

**Remarks.** The species was not found during the study.

***Pycnarmon virgatalis* Moore, 1867**

*Pycnarmon virgatalis* Moore, 1867: 92, pl. 7, fig. 9

*Materials examined.* Not available.

*Distribution.* Bhutan, India, Sri Lanka (Hampson 1896a).

*Remarks.* The species was not found during the study.

***Pycnarmon lactiferalis* (Walker, 1859b)\* (Figure 11E)**

*Zebronia lactiferalis* Walker, 1859b: 480

*Materials examined.* Bhutan 2♂, 1♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Dagana), India, Nepal, China, Japan, Taiwan, Russia Far East (Caradja and Meyrick 1933).

*Remarks.* This species is reported for the first time from Bhutan.

***Pygospila tyres* (Cramer, 1780)\* (Figure 11F)**

*Phalaena tyres* Cramer (1780): pl. 263, fig. C

*Materials examined.* Bhutan 2♂, 1♀, Mendrelgang (Tsirang), 14 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 2♂, Sarpang, 21 iii 2015 (J.S. Irungbam and M.S. Chib); 2♀, Gelephu (Sarpang), 14 x 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Dagana, Sarpang, Gelephu), Nepal, India, Sri Lanka, Myanmar, China, Japan, Hong Kong, Java, Sabah, Sumbawa, New Guinea, West Africa (Robinson et al 1995; Yamanaka 1998; Kendrick 2002).

*Remarks.* This species is reported for the first time from Bhutan.

***Rhagoba octomaculalis* (Moore, 1867)\* (Figure 11G)**

*Filodes octomaculalis* Moore, 1867: 95

*Materials examined.* Bhutan 2♂, 1♀, Mendrelgang (Tsirang), 14 ix 2014 (J.S. Irungbam and M.S. Chib); 2♀, Gelephu (Sarpang), 14 x 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Gelephu), Nepal, North East India (Yamanaka 2000).

*Remarks.* This species is reported for the first time from Bhutan.

***Rhimphalea trogusalis* (Walker, 1859c)\* (Figure 11H)**

*Botys trogusalis* Walker, 1859c: 711

*Materials examined.* Bhutan 2♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 1♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 2♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 3♂, Gelephu (Sarpang), 21 ix 2014 (K. Wangdi); 2♂, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu), Nepal, West Malaysia, Sumatra, Borneo, Java (Yamanaka 1998).

*Remarks.* This species is reported for the first time from Bhutan.

***Sameodes cancellalis* (Zeller, 1852)\* (Figure 12A)**

*Botys cancellalis* Zeller, 1852: 34

*Materials examined.* Bhutan 2♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Trongsa, 20 ix 2014 (K. Wangdi); 2♂, Langthel (Trongsa), 21 ix 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Damphu, Sarpang, Trongsa, Langthel), Nepal, India, Sri Lanka, Taiwan, Andaman Island, Thailand, Hong Kong, Macau, W. Malaysia, Singapore, Philippines, New Guinea, Australia, Fiji, West and South Africa (Easton and Pun 1996; Yamanaka 1998).

*Remarks.* This species is reported for the first time from Bhutan.

***Spoladea recurvalis* (Fabricius, 1775)\* (Figure 12B)**

*Phalaena recurvalis* Fabricius, 1775: 644

*Materials examined.* Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 23 v 2015 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib); 2♂, Trongsa, 18 vii 2014 (K. Wangdi); 1♂, Bumthang, 30 viii 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Damphu, Dagana, Sarpang, Gelephu, Trongsa, Bumthang), India, Nicobar Is., Nepal, China, Macau, Hong Kong, Australia, Western Pacific, Central Pacific, Americas, Old World tropics, Eastern Palaearctic, the Caribbean (Easton and Pun 1996; Yamanaka 2000).

*Remarks.* This species is reported for the first time from Bhutan. It is cosmopolitan in distribution throughout the world. It occurs on *Amaranthus viridis*, *Trianthema monogyna*, *Glycine max*, and *Beta vulgaris* as leaf-roller and defoliator.

***Syllepte gastralis* (Walker, 1865)\* (Figure 12C)**

*Glyphodes gastralis* Walker (1865): 1356

*Materials examined.* Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib); 1♂, Langthel (Trongsa), 20 ix 2013 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Damphu, Langthel), Nepal (Yamanaka 2000).

*Remarks.* This species is reported for the first time from Bhutan.

***Syllepte paucistrialis* (Warren, 1896b)**

*Cyclarcha paucistrialis* Warren, 1896b: 139

*Materials examined.* Not available.

*Distribution.* Bhutan, North East India (Hampson 1896a).

*Remarks.* The species was not found during the study.

***Talanga sexpunctalis* (Moore, 1877)\* (Figure 12D)**

*Oligostigma sexpunctalis* Moore, 1877: 616, pl. 60, fig. 12.

*Materials examined.* Bhutan 1♀, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 2♂, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 2♂, Gelephu (Sarpang), 21 iii 2015 (J.S. Irungbam and M.S. Chib); 2♀, Langthel (Trongsa), 14 x 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Damphu, Gelephu, Langthel), Nepal, India, Myanmar, Andaman Island, China, Taiwan, W. Malaysia, Sumatra, Borneo, Hong Kong, Java, Sabah, Sarawak, Kalimantan, Philippines, Sulawesi (Caradja and Meyrick 1933; Wang et al 1981; Robinson et al 1995; Yamanaka 1998; Kendrick 2002).

*Remarks.* This species is reported for the first time from Bhutan.

***Terastia egialealis* (Walker, 1859b)\* (Figure 12E)**

*Megaphysa egialealis* Walker, 1859b: 383

*Materials examined.* Bhutan 1♂, Mendrelgang (Tsirang), 31 x 2013 (J.S. Irungbam and M.S. Chib); 1♀, Damphu (Tsirang), 12 ix 2014 (J.S. Irungbam and M.S. Chib); 2♀, Sarpang, 16 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, Dagana, 20 ix 2014 (J.S. Irungbam and M.S. Chib);

M.S. Chib); 2♀, Gelephu (Sarpang), 21 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Damphu, Dagana, Gelephu), Nepal, India, China, Thailand, W. Malaysia, Singapore, Sumatra, Java, Sabah, Sulawesi (Yamanaka 2000).

*Remarks.* This species is reported for the first time from Bhutan.

***Tyspanodes linealis* (Moore, 1867)\*** (Figure 12F)

*Protopachys linealis* Moore, 1867: 665, pl. 33, fig. 17

*Materials examined.* Bhutan 1♂, Damphu (Tsirang), 24 vi 2015 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 23 v 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Damphu, Dagana, Sarpang), Nepal, China, Hong Kong (Caradja and Meyrick 1933; Robinson et al 1995; Yamanaka 1998; Kendrick 2002).

*Remarks.* This species is reported for the first time from Bhutan.

***Tyspanodes nigrolinealis* (Moore, 1867)\*** (Figure 12G)

*Filodes nigrolinealis* Moore, 1867: 95

*Materials examined.* Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 2♀, Sarpang, 23 iii 2014 (J.S. Irungbam and M.S. Chib); 1♂, Gelephu (Sarpang), 20 iv 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Sarpang, Gelephu), India, Nepal, Cambodia (Yamanaka 1995).

*Remarks.* This species is reported for the first time from Bhutan.

***Udea nigrostigmalis* Warren, 1896a**

*Udea nigrostigmalis* Warren, 1896a: 96–97

*Materials examined.* Not available.

*Distribution.* Bhutan, India (Hampson 1896a).

*Remarks.* The species was not found during the study.

Subfamily Glaphyriinae Forbes, 1923

***Crocidolomia luteolalis* Hampson, 1893\*** (Figure 12H)

*Crocidolomia luteolalis* Hampson, 1893

*Materials examined.* Bhutan 1♂, Damphu (Tsirang), 24 vi 2015 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 23 v 2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Damphu, Dagana, Sarpang), Sri Lanka (Savelle 2016).

*Remarks.* This species is reported for the first time from Bhutan.

Family Pyralidae Latreille, 1809

Subfamily Epipaschiinae Meyrick, 1884

***Lista ficki* (Christoph, 1881)\***

*Craneophora ficki* Christoph, 1881: 2

*Materials examined.* Bhutan 1♂, Mendrelgang (Tsirang), 10 vii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 15 viii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 23.vii.2015 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

*Distribution.* Bhutan (Mendrelgang, Dagana), Nepal, Japan, Taiwan (Yamanaka 2000).

*Remarks.* This species is reported for the first time from Bhutan.

***Coenodomus dudgeoni* Hampson, 1896a**

*Coenodomus dudgeoni* Hampson, 1896a: 366–394

*Materials examined.* None.

*Distribution.* Bhutan (Hampson 1896a).

*Remarks.* Endemic to Bhutan. The species was not found during the study.

***Lamida moncusalis* Walker, 1859a**

*Lamida moncusalis* Walker, 1859a: 252

*Materials examined.* None

*Distribution.* Bhutan, North East India (Hampson 1896a).

*Remarks.* The species was not found during the study.

***Lepidogma rufescens* Hampson, 1896a**

*Lepidogma rufescens* Hampson, 1896a: 366–394

*Materials examined.* Not available.

*Distribution.* Bhutan (Hampson 1896a).

*Remarks.* Endemic to Bhutan. The species was not found during the study.

***Locastra pachylepidalis* Hampson, 1895**

*Locastra pachylepidalis* Hampson, 1895: 366–394

*Materials examined.* Not available.

*Distribution.* Bhutan (Hampson 1896a).

*Remarks.* Endemic to Bhutan. The species was not found during the study.

***Noctuides euryptera* (Meyrick, 1894)**

*Balanotis euryptera* Meyrick, 1894: 476

*Materials examined.* Not available.

*Distribution.* Bhutan, Sri Lanka, Sumbawa, Japan (Hampson 1896a).

*Remarks.* The species was not found during the study.

***Orthaga auroviridialis* Hampson, 1896a**

*Orthaga auroviridialis* Hampson, 1896a: 366–394

*Materials examined.* Not available.

*Distribution.* Bhutan, India (Hampson 1896a).

*Remarks.* The species was not found during the study.

***Orthaga onerata* Butler, 1879**

*Orthaga onerata* Butler, 1879: 366–394

*Materials examined.* Not available.

*Distribution.* Bhutan, Japan, Java (Hampson 1896a).

*Remarks.* The species was not found during the study.

***Stericta asopialis* (Snellen, 1890)**

*Pannucha asopialis* Snellen, 1890: 557–647, pls. 19–20

*Materials examined.* Not available.

*Distribution.* Bhutan, North East India (Hampson 1896a).

*Remarks.* The species was not found during the study.

***Stericta rufescens* Hampson, 1895**

*Stericta rufescens* Hampson, 1895: 366–394

*Materials examined.* Not available.

*Distribution.* Bhutan (Hampson 1896a).

*Remarks.* Endemic to Bhutan. The species was not found during the study.

***Stericta sinuosa* Hampson, 1895***Stericta sinuosa* Hampson, 1895: 366–394*Materials examined.* Not available.*Distribution.* Bhutan, India (Hampson 1896a).*Remarks.* The species was not found during the study.***Trichotophysa jucundalis* (Walker, 1866b)***Bleptina jucundalis* Walker, 1866b: 1164*Materials examined.* Not available.*Distribution.* Bhutan, India, Sri Lanka (Hampson 1896a).*Remarks.* The species was not found during the study.

Subfamily Galleriinae Zeller, 1848

***Picrogama semifoedalis* (Walker, 1866a)***Botys semifoedalis* Walker (1866a): 1439–1440*Materials examined.* Not available.*Distribution.* Bhutan, India (Hampson 1896a).*Remarks.* The species was not found during the study.***Tirathaba unicolorella* (Hampson, 1896a)***Mucialla unicolorella* Hampson, 1896a: 5*Materials examined.* Not available.*Distribution.* Bhutan (Hampson 1896a).*Remarks.* Endemic to Bhutan. The species was not found during the study.***Eldana dichromellus* Walker, 1866a***Eldana dichromellus* Walker, 1866a: 633*Materials examined.* Not available.*Distribution.* Bhutan (Hampson 1896a).*Remarks.* Endemic to Bhutan. The single Galleriine species of stalk borer on rice, the veins are brown longitudinally and there are two black spots in the cell. The fore-wing has a prominent marginal fringe and a narrow black fascia near the margin. The frons is without a prominent point. The species was not found during the study.***Cathayia purpureotincta* Hampson, 1917***Cathayia purpureotincta* Hampson, 1917: 46*Materials examined.* Not available.*Distribution.* Bhutan (Hampson 1896a).*Remarks.* Endemic to Bhutan. The species was not found during the study.***Ammatucha semirrorella* (Hampson, 1896a)***Ammatucha semirrorella* Hampson, 1896a: 178*Materials examined.* Not available.*Distribution.* Bhutan, North East India (Hampson 1896a).*Remarks.* The species was not found during the study.***Anerastia castanealis* (Hampson, 1896a)***Anerastia castanealis* Hampson, 1896a: 67*Materials examined.* Not available.*Distribution.* Bhutan (Hampson, 1896a).*Remarks.* Endemic to Bhutan. The species was not found during the study.***Anonaepestis bengalella* Ragonot, 1894***Anonaepestis bengalella* Ragonot, 1894: 106*Materials examined.* Not available.*Distribution.* Bhutan, India, Sri Lanka, Thailand, Singapore, Sumatra, Java (Hampson 1896a; Robinson et al 1994).*Remarks.* The species was not found during the study.***Cadra cautella* (Walker, 1863)***Pempelia cautella* Walker, 1863: 73*Materials examined.* Not available.*Distribution.* Bhutan, Nepal, India, Sri Lanka, Sumbawa, China, Hong Kong, Australia (Hampson 1896a; Wang et al 1981; Robinson et al 1995; Kendrick 2002).*Remarks.* The species was not found during the study.***Ephestiopsis bipunctalis* (Hampson, 1896a)***Cryptoblades bipunctalis* Hampson, 1896a: 105*Materials examined.* Not available.*Distribution.* Bhutan (Hampson 1896a).*Remarks.* Endemic to Bhutan. The species was not found during the study.***Faveria majoralis* (Hampson, 1896a)***Phycita majoralis* Hampson, 1896a: 94–95*Materials examined.* Not available.*Distribution.* Bhutan (Hampson 1896a).*Remarks.* Endemic to Bhutan. The species was not found during the study.***Kaurava rufimarginella* (Hampson, 1896a)***Rhodophaea rufimarginella* Hampson, 1896a: 101*Materials examined.* Not available.*Distribution.* Bhutan (Hampson 1896a).*Remarks.* Endemic to Bhutan. The species was not found during the study.***Laodamia eulepidella* (Hampson, 1896a)***Phycita eulepidella* Hampson, 1896a: 94*Materials examined.* Not available.*Distribution.* Bhutan, Sri Lanka (Hampson 1896a).*Remarks.* The species was not found during the study.***Mussidia pectinicornella* (Hampson, 1896a)***Myelois pectinicornella* Hampson, 1896a: 88–89, fig. 55*Materials examined.* Not available.*Distribution.* Bhutan, India, Sri Lanka, China, Japan, Taiwan, Thailand, Hong Kong, West Malaysia, Java, Fiji East (Hampson 1896a; Robinson et al 1994; Kendrick 2002).*Remarks.* The species was not found during the study.***Nephoteryx nocturnella* Hampson, 1896a***Nephoteryx nocturnella* Hampson, 1896a: 74*Materials examined.* Not available.*Distribution.* Bhutan (Hampson 1896a).*Remarks.* Endemic to Bhutan. The species was not found during the study.



***Nephoteryx ochribasalis* Hampson, 1896a***Nephoteryx ochribasalis* Hampson, 1896a: 78*Materials examined.* Not available.*Distribution.* Bhutan, India, China, Hong Kong (Hampson 1896a; Caradja and Meyrick 1933; Kendrick 2002).*Remarks.* The species was not found during the study.***Patna eboricostella* Ragonot, 1888***Patna eboricostella* Ragonot, 1888: 39*Materials examined.* Not available.*Distribution.* Bhutan, India, Thailand, Hong Kong (Hampson 1896a; Robinson et al 1994; Kendrick 2002).*Remarks.* The species was not found during the study.***Phycita pachylepidella* Ragonot and Hampson, 1901***Phycita pachylepidella* Ragonot and Hampson, 1901: 441, pl. 53, fig. 3*Materials examined.* Not available.*Distribution.* Bhutan, North East India (Hampson 1896a).*Remarks.* The species was not found during the study.***Piesmopoda semilutea* (Walker, 1863)***Guastica semilutea* Walker, 1863: 81*Materials examined.* Not available.*Distribution.* Bhutan, Nepal, India, Sri Lanka, Thailand, Malaysia, Singapore, Sumatra, Hong Kong, Borneo, Sulawesi, New Guinea (Hampson 1896a; Robinson et al 1995; Kendrick 2002).*Remarks.* The species was not found during the study.***Protoetiella venustella* (Hampson, 1896a)***Etiella venustella* Hampson, 1896a: 109*Protoetiella venustella*, Roesler and Kupperts, 1979: 192*Materials examined.* Not available.*Distribution.* Bhutan, India (Hampson 1896a).*Remarks.* The species was not found during the study.***Sandrabatis crassiella* Ragonot, 1893***Sandrabatis crassiella* Ragonot, 1893: 204, pl. 18, fig. 7*Materials examined.* Not available.*Distribution.* Bhutan, India, Sri Lanka (Hampson 1896a).*Remarks.* The species was not found during the study.***Volobilis chloropterella* (Hampson, 1896a)***Phycita chloropterella* Hampson, 1896a: 92*Materials examined.* Not available.*Distribution.* Bhutan, Sri Lanka, Myanmar (Hampson 1896a).*Remarks.* The species was not found during the study.

Subfamily Pyralinae Latreille, 1809

***Arctiolepis rubida*, Felder and Felder, 1862\* (Figure 13B)***Arctiolepis rubida* Felder and Felder, 1862: 33*Materials examined.* Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Langthel (Trongsa), 18 v 2014 (K. Wangdi); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).*Distribution.* Bhutan (Mendrelgang, Langthel, Gelephu), Nepal, India, China, Laos, Hong Kong (Yamanaka 1995; Kendrick 2002).*Remarks.* This species is reported for the first time from Bhutan.***Endotricha ardentalis* Hampson, 1896a***Endotricha ardentalis* Hampson, 1896a: 135*Materials examined.* Not available.*Distribution.* Bhutan, Borneo (Hampson 1896a).*Remarks.* The species was not found during the study.***Endotricha luteogrisalis* Hampson, 1896a***Endotricha luteogrisalis* Hampson, 1896a: 136*Materials examined.* Not available.*Distribution.* Bhutan, China (Hampson 1896a; Sun and Li 2012).*Remarks.* The species was not found during the study. The female of this species was first described from China (Sun and Li 2012).***Endotricha rufofimbrialis* Warren, 1891***Endotricha rufofimbrialis* Warren, 1891: 69*Materials examined.* Not available.*Distribution.* Bhutan, Borneo (Hampson 1896a).*Remarks.* The species was not found during the study.***Endotricha ruminalis* (Walker, 1859b)\* (Figure 13C)***Agroptera ruminalis* Walker, 1859b: 387*Materials examined.* Bhutan 2♀, Dagana, 11 viii 2014 (J.S. Irungbam and M.S. Chib); 1♀, Sarpang, 8 vi 2014 (K. Wangdi); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).*Distribution.* Bhutan (Dagana, Sarpang, Gelephu), India, Sri Lanka, Myanmar, Malaysia, Taiwan (Hampson 1896a).*Remarks.* This species is reported for the first time from Bhutan.***Hypsopygia fuscalis* (Hampson, 1893)***Catoclysta [sic] fuscalis* Hampson, 1893: 52, 178, pl. 174, fig. 13.*Materials examined.* Not available.*Distribution.* Bhutan, Sri Lanka (Hampson 1896a).*Remarks.* The species was not found during the study.***Hypsopygia mauritialis* (Boisduval, 1833)\* (Figure 13D)***Asopia mauritialis* Boisduval, 1833: 119, pl. 16, fig. 8.*Materials examined.* Bhutan 2♀, Sarpang, 8 vi 2014 (K. Wangdi); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib); 1♀, Langthel (Trongsa), 18 v 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).*Distribution.* Bhutan (Sarpang, Gelephu, Langthel), Nepal, India, China, Malaysia, Taiwan, Sumatra, Java, Indonesia, Hong Kong, Japan, Australia, Hawaii, Madagascar (Hampson 1896a, Kendrick 2002).*Remarks.* This species is reported for the first time from Bhutan.***Hypsopygia nitidicillialis* (Hering, 1901)\* (Figure 13E)***Herculia nitidicillialis* Hering, 1901: 36-37, pl. 1, fig. 7 (1903)*Materials examined.* Bhutan 1♀, Mendrelgang (Tsirang), 20 vii 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).*Distribution.* Bhutan (Mendrelgang), Sumatra (Robinson et al 1994).*Remarks.* This species is reported for the first time from Bhutan.

***Hypsopygia postflava* (Hampson, 1893)***Hypsopygia postflava* Hampson, 1893: 43, 159, pl. 152, fig. 22.*Materials examined.* Not available.*Distribution.* Bhutan, North East India, Sri Lanka (Hampson 1896a).*Remarks.* The species was not found during the study.***Lamoria virescens* Hampson, 1898\*** (Figure 13F)*Lamoria virescens* Hampson, 1898: 97*Materials examined.* Bhutan 2♀, Mendrelgang (Tsirang), 20 viii 2013 (J.S. Irungbam and M.S. Chib); 1♀, Gelephu, 8 vi 2014 (K. Wangdi)-coll. IRCC, Thimphu (Bhutan).*Distribution.* Bhutan (Mendrelgang, Gelephu), India, Sri Lanka.*Remarks.* This species is reported for the first time from Bhutan.***Loryma recusata* (Walker, 1863 [1864])***Beria recusata* Walker, 1863 (1864): 62*Materials examined.* Not available.*Distribution.* Bhutan, Nepal, India, China, Thailand, W. Malaysia, Singapore, Hong Kong, Sumatra, Java, Brunei, Sabah, Borneo, Swarak, New Guinea (Hampson 1896a; Robinson et al 1994; Kendrick 2002).*Remarks.* The species was not found during the study.***Macna pomalis* Walker, 1859a***Macna pomalis* Walker, 1859a: 78*Materials examined.* Not available.*Distribution.* Bhutan, India, Malacca, Singapore, West Malaysia (Hampson 1896a; Robinson et al 1994).*Remarks.* The species was not found during the study.***Omphalomia accersita* Swinhoe, 1894b***Omphalomia accersita* Swinhoe, 1894b: 140*Materials examined.* Not available.*Distribution.* Bhutan, India, Thailand (Hampson 1896a; Robinson et al 1994).*Remarks.* The species was not found during the study.***Orybina flaviplaga* (Walker, 1863b)\*** (Figure 13G)*Oryba flaviplaga* Walker, 1863b: 11*Materials examined.* Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).*Distribution.* Bhutan (Mendrelgang, Damphu), Nepal, North East India, Myanmar, W. Malaysia, Sumatra, Brunei (Yamanaka 2000).*Remarks.* This species is reported for the first time from Bhutan.***Orybina plangonalis* (Walker, 1859c)\*** (Figure 13H)*Scopula plangonalis* Walker, 1859c: 790–791*Materials examined.* Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Langthel (Trongsa), 30 iii 2014 (K. Wangdi); 1♂, Gelephu (Sarpang), 20 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).*Distribution.* Bhutan (Mendrelgang, Langthel, Gelephu), North East India, Thailand, China, Taiwan (Wang and Kishida 2011).*Remarks.* This species is reported for the first time from Bhutan.***Pyralis pictalis* (Curtis, 1834)\*** (Figure 14A)*Asopia pictalis* Curtis, 1834: folio 503*Materials examined.* Bhutan 2♂, Mendrelgang (Tsirang), 20 viii 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).*Distribution.* Bhutan (Mendrelgang), Far East, China, Australia, Hong Kong (Caradja and Meyrick 1933; Kendrick 2002).*Remarks.* This species is reported for the first time from Bhutan.***Sacada pallescens* Hampson, 1896a***Sacada pallescens* Hampson, 1895: 171*Materials examined.* Not available.*Distribution.* Bhutan, Nepal, North East India (Hampson 1896a; Yamanaka 1995).*Remarks.* The species was not found during the study.***Sacada pyraliformis* (Moore, 1879)***Danaka pyraliformis* Moore, 1879: 71, pl. 3, fig. 10.*Materials examined.* Bhutan 2♂, Mendrelgang (Tsirang), 20 viii 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).*Distribution.* Bhutan (Mendrelgang), Nepal, North East India, Myanmar, Thailand (Hampson 1896a; Robinson et al 1994; Yamanaka 1995).*Remarks.* Adults are easily attracted to artificial lights. *Sacada* have 30 or more species in South East Asia and 115 or more worldwide (Robinson et al 1994).***Tocolosida rubriceps* Walker, 1863***Tocolosida rubriceps* Walker, 1863: 14*Materials examined.* Bhutan 2♀, Mendrelgang (Tsirang), 20 viii 2013 (J.S. Irungbam and M.S. Chib); 1♂, 1♀, Damphu (Tsirang), 12 ix 2013 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).*Distribution.* Bhutan (Mendrelgang, Damphu), Nepal, India, China, Taiwan, Myanmar, Java, Brunei, Sabah, Swarak, Kalimantan (Hampson 1896a; Robinson et al 1994; Yamanaka 2000).*Remarks.* Mostly adults are attracted to light. Six or more species occurs in South East Asia.***Vitessa suradeva* Moore, 1860\*** (Figure 14B)*Vitessa suradeva* Moore (1860): 299, pl. 7a, fig. 7*Materials examined.* Bhutan 4♂, 3♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).*Distribution.* Bhutan (Mendrelgang), Nepal, North East India, South India, Sri Lanka, Andaman Island, Myanmar, China, Thailand, Borneo (Hampson 1896a; Yamanaka 1995).*Remarks.* This species is reported for the first time from Bhutan.***Zitha rosealis* (Hampson, 1896a)***Tegulifera rosealis* Hampson, 1896a: 153.*Materials examined.* Not available.*Distribution.* Bhutan, North East India (Hampson 1896a).*Remarks.* The species was not found during the study.***Zitha torridalis* (Lederer, 1863)\*** (Figure 14C)*Asopia torridalis* Lederer, 1863: 342, 457, pl. 6, fig. 15*Materials examined.* Bhutan 2♀, Mendrelgang (Tsirang), 18 ix 2014 (J.S. Irungbam and M.S. Chib); 1♀, Dagana, 30 iii 2014 (J.S. Irungbam and M.S. Chib)-coll. IRCC, Thimphu (Bhutan).

**Distribution.** Bhutan (Mendrelgang, Dagana), Nepal, India, Myanmar, China, Korea, Japan, Java, Hong Kong (Caradja and Meyrick 1933; Robinson et al 1995; Kendrick 2002; Lee and Bae 2007).

**Remarks.** This species is reported for the first time from Bhutan.

## Discussion

With regards to the Pyraloidea fauna of Bhutan, there is no consolidated work. In the present study, the authors have tried to bring all the scattered information together considering the materials which were also not available during the study to get an up-to-date account of the Pyraloidea fauna of Bhutan. The results are mainly based on the collections brought from different districts of Bhutan by the authors during 2013 to 2015 and also include the published records to prepare a consolidated account on the families Crambidae and Pyralidae from Bhutan. Prior to the study, 73 species under 68 genera are recorded from Bhutan (Hampson 1896a). The present study added 109 species which gives a total of 182 species under 127 genera records of which 92 species are new records for Bhutan. This list is the first of its kind for the country.

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