

POLSKA AKADEMIA NAUK  
INSTYTUT ZOOLOGICZNY, ODDZIAŁ W KRAKOWIE

A C T A   Z O O L O G I C A  
C R A C O V I E N S I A

Tom I

Kraków, 15 X 1956

Nr 2

JÓZEF RAZOWSKI

Dwa nowe palearktyczne gatunki z rodzaju *Cnephasia* CURT.  
(*Lepidoptera, Tortricidae*)

Два новых паlearктических вида из рода *Cnephasia* CURT.  
(*Lepidoptera, Tortricidae*)

Two new Palearctic species of the genus *Cnephasia* CURT.  
(*Lepidoptera, Tortricidae*)

[Pl. III—V]

In a collection of *Cnephasia* CURT. received for determination from the Naturhistorisches Museum in Wien I have found a new species, the description of which is given below.

*Cnephasia syriella* sp. n.

[Pl. III, fig. 1, pl. V, fig. 6]

Outer margin of the fore-wings curved slightly outwards, apex rounded. Ground pale, grey-brown, in the median area still paler. Pattern indistinct, a little darker than ground, grey-brown. Middle band, ond outer margin of basal band of the wing most distinctly marked. Over the whole wing, i. e. both on the ground and on the pattern, run minute transverse stripes, distinctly darker than the ground of the wings. Hind-wings grey-brown, circumference and apex darker than the middle and basal parts.

On the underside of the fore-wings costal and outer margin distinctly pale, yellowish coloured, while median area dark grey-brown. Head and thorax of about the same colour as the pattern of the fore-wings. Length of the fore-wing 9 mm.

The genitalia of this species — all specimens so far known are females — resemble most closely those of *Cnephasia cupressivorana* (STGR.) [Pl. III, fig. 2], and to some extent those of the Polish species *C. wilkinsoni* RÉAL [Pl. III, fig. 3].

The shape of the subgenital plate and of the introitus vaginae very characteristic. The latter considerably widened. This widening reaches beyond half the length of the ductus bursae. Subgenital plate narrower than in *C. cupressivorana* (STGR.) and only to an insignificant degree sclerotized. Signum narrow and long while in *C. cupressivorana* (STGR.) and *C. wilkinsoni* RÉAL it is wider and of a more drop-like shape.

Holotype (female), Syria, Prep. No. T. 5541, and two paratypes also from Syria. These specimens belong to the collection of the Naturhistorisches Museum in Wien.

### *Cnephasia tolli* sp. n.

[Pl. IV, fig. 4, pl. V, fig. 9]

Fore-wings narrow, costal margin slightly curved outwards only at the base, further on running straight or even slightly concave. Apex pointed. Hind-wings wide, apex pointed as in the fore-wings. Colour of fore-wings brown-grey, pattern indistinct, only at their outer part there appear delicate transverse stripes mainly covering venes. Colour of the hind-wings similar: they are perhaps somewhat darker, particularly near the apex and in the inner part. Thorax coloured like the fore-wings; head paler, more grey.

Fore-wings darker on the underside than the hind-wings. Only their costal and outer margin yellowish-grey. Cilia of both pairs of wings a little darker than the ground. Length of fore-wing about 9 mm.

As far as the structure of the genitalia is concerned, this species approaches somewhat the group of species belonging to the subgenus *Brachycnephasia* RÉAL and seems to stand

between this subgenus and *Cnephasia* s. str. The specimen was determined as *Cnephasia pumicana* (ZELL.), which it resembles a little externally. In the genitalia of these two species there are, however, considerable differences. The valvae are wide and do not narrow at the ends as in *C. pumicana* (ZELL.) [Pl. IV, fig. 5]. The sacculus reaches past half their length and is much longer and stronger than in the species previously mentioned. The aedeagus is narrow and long: in the basal part strongly bent. At its end the dorsal margin shows a considerable widening, delicately dentated. Uncus and socii long. Vinculum wide.

Holotype (male), Haifa, April, 1900.

I received this specimen from Dr S. TOLL, to whom I desire to express here my thanks.

---

#### STRESZCZENIE

Autor opisuje dwa nowe gatunki motyli z rodzaju *Cnephasia* CURT.: *Cnephasia syriella* sp. n. i *Cnephasia tolli* sp. n. Pierwszy z nich pochodzi ze zbiorów Naturhistorisches Museum w Wiedniu, a schwytany został w Syrii. *Cnephasia tolli* sp. n. zebrany został w Haifie (Palestyna), a nadesłany autorowi przez S. TOLLA.

---

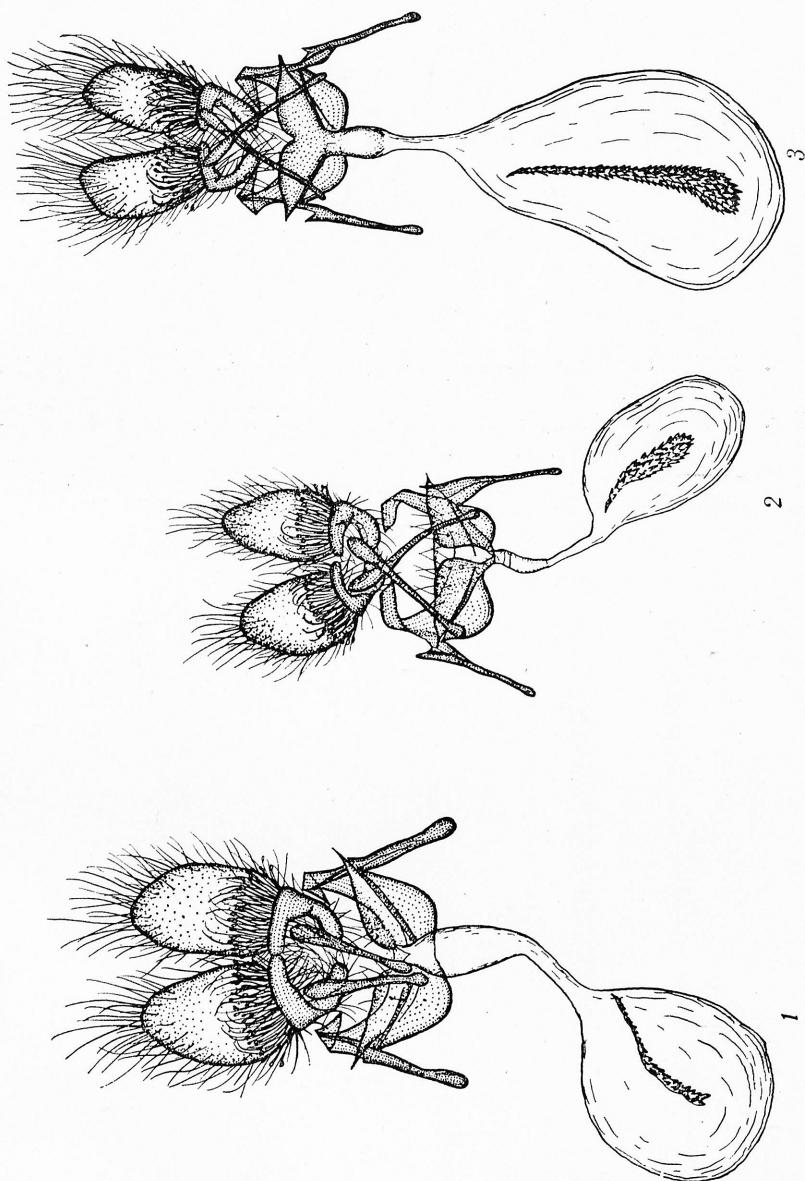
#### РЕЗЮМЕ

Автор описывает два новых вида бабочек из рода *Cnephasia* CURT.: *Cnephasia syriella* sp. n. и *Cnephasia tolli* sp. n. Первый вид находится в коллекции Естественно-Исторического Музея в Вене и найден в Сирии. *Cnephasia tolli* sp. n. найден в Гайфе (Палестина) и прислан был автору для описания С. Толлем.

---

## Plate III

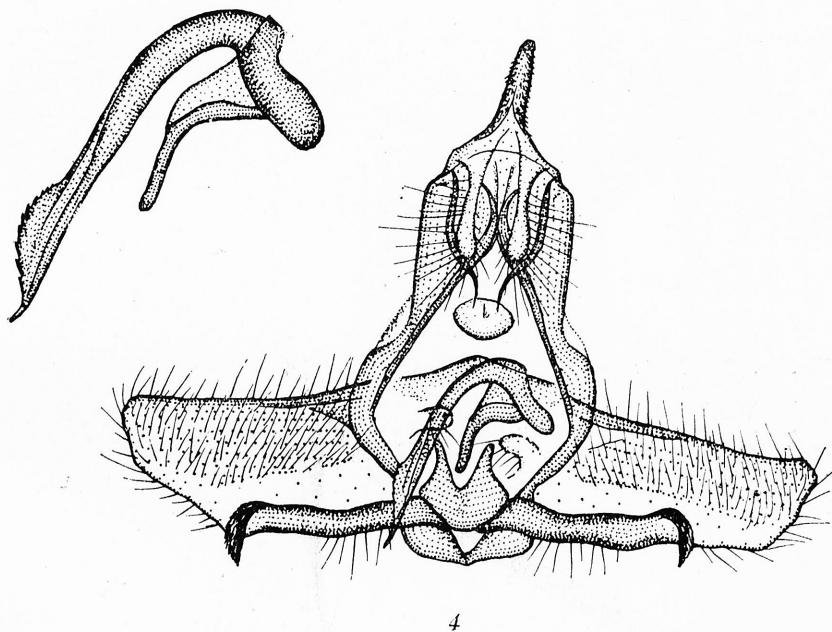
- Fig. 1. Female copulatory apparatus, *Cnephasia syriella* sp. n., holotype, Prep. No. T. 5541, Syria.
- Fig. 2. Female copulatory apparatus, *Cnephasia cupressivorana* (STGR.), Bithynien, Brussa, 1866, Mn. Prep. No. T. 126.
- Fig. 3. Female copulatory apparatus, *Cnephasia wilkinsoni* RÉAL, Kraków, 1 VII 1951, Prep. No. R. 137.



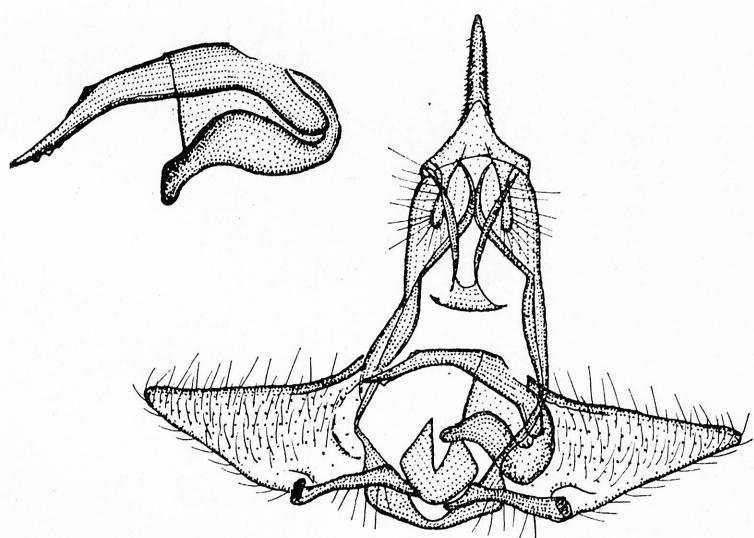
Auctor del.  
*J. Razowski*

## Plate IV

- Fig. 4. Male copulatory apparatus, *Cnephasia tolli* sp. n., holotype, Haifa, IV 1900.
- Fig. 5. Male copulatory apparatus, *Cnephasia pumicana* (ZELL.), Lanjaron, Prep. No. T. 5168.



4

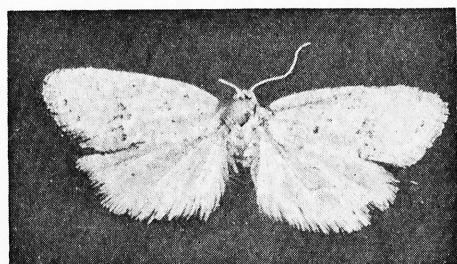
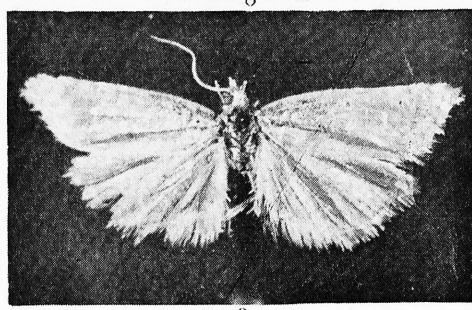
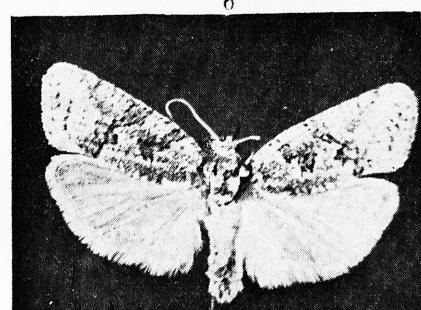
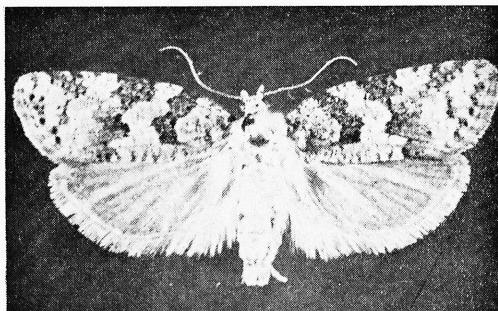
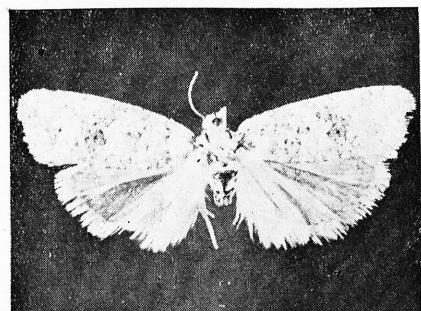


5

Auctor del.  
*J. Razowski*

## Plate V

- Fig. 6. *Cnephasia syriella* sp. n., paratype, Syria.  
Fig. 7. *Cnephasia cupressivorana* (STGR.), Emilia, Bologna, 1 V 1926.  
Fig. 8. *Cnephasia wilkinsoni* RÉAL, Kraków, 6 VII 1925.  
Fig. 9. *Cnephasia tolli* sp. n., holotype, Haifa, VI 1900.  
Fig. 10. *Cnephasia pumicana* (ZELL.), Murcia.



J. Razowski phot.

J. Razowski

Redaktor pracy — prof. dr T. Jaczewski

---

Państwowe Wydawnictwo Naukowe — Oddział w Krakowie 1956

---

Nakład 950+150 egz. Ark. wyd. 0,5 Ark. druk. 4+3 tabl. Pap. ilustr. kl. III, 80 g, 70×100 cm  
Zam. 244/56 M-7-16188 Cena zł 1,—

Krakowska Drukarnia Naukowa