

## Notes on Chalcidoidea (Hym.). V

### ***Legolasia dinotiscoides* gen. n., sp. n. and *Trychnosoma ernobii* sp. n., Two New Pteromalids from Sweden (Pteromalidae)**

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#### Abstract

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A new Pteromalid genus, *Legolasia* gen. n., with the type species *L. dinotiscoides* sp. n., and

the new species *Trychnosoma ernobii* sp. n. are described from Sweden, the former from Skåne (Scania), the latter from Stockholm, where it was reared from *Ernobius nigrinus* Sturm (Col. Anobiidae). The hitherto unknown male of *T. punctipleura* (Thoms.) is also described.

#### *Legolasia* gen. n.

Head wider than thorax. Antennae, 11263, inserted in the middle of face nearer to median ocellus than anterior margin of clypeus. Funicular joints with one row of sensilla. Clypeus with straight anterior margin. Mandibles with 3+3 teeth. Occiput not margined. Pronotal collar with sharp carina and prepectus large. Propodeum without median carina, plicae indistinct, nucha wanting. Hind tibia with 1 spur. Fore wing with basal cell nude, only basal vein with few hairs, speculum large. Costal cell with a complete row of hairs on the underside. Marginal vein as long as postmarginal vein and twice as long as stigmal vein.

Type species: *L. dinotiscoides* sp. n.

The name of the new genus is taken from "The Lord of the Rings" by J. R. R. Tolkien.

#### *Legolasia dinotiscoides* sp. n.

♀. Head blue with a tint of green, thorax green with a tint of blue. Gaster brown with a faint tint of blue and green. Mandibles and antennae fuscous, scapus yellowish brown. Coxae of the same colour as thorax, trochanteres, fore tibiae, tips of mid and hind tibiae and all tarsi except clawjoints yellowish brown; all femora, mid and hind tibiae and clawjoints brown (femora somewhat darker). Wing veins pale yellowish brown.

Head (fig. 1) large with reticulation. Clypeus smooth (fig. 2 B) with anterior margin straight. Malar space longer than half the length of an eye. Eyes nearly circular, POL twice OOL. Scape reaching mid ocellus, 1st funicular joint as long as pedicellus (fig. 2 C). Pronotal collar distinctly angled on each

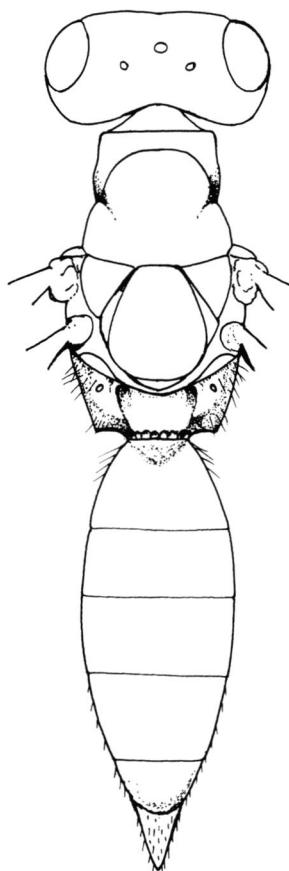


Fig. 1. *Legolasia dinotiscoides* gen. n., sp. n., ♀, body, excluding appendages.

side. Thorax reticulated with incomplete notaui. Scutellum with finer reticulation than mesoscutum. Dorsellum with the same reticulation as scutellum. Propodeum (fig. 2 A) reticulated in the middle, callus with few scattered hairs. Spiracles large. Gaster (fig. 1) a little longer than thorax + propodeum.

Fore wing (fig. 2 D) with somewhat scattered hairs, stigma small.

Hind coxa bare dorsally (fig. 2 E).

♂. Unknown.

Length: 2.5 mm.

Holotype: in coll.me. Skåne, Bosjö-kloster, 19/7 1973, leg. K.-J. Hedqvist.

Paratype: 3 ♀, in coll.me, from the same locality.

*Legolasia* g. n. is similar to *Dinotiscus* Ghesq. (fig. 2 A—D). The differences may be summed up as follows:

1. Clypeus punctated with two teeth or sinuated on anterior margin. Propodeum with a median carina. Funicular joints with at least two rows of sensilla. Hind coxae (fig. 2 F) dorsally with many hairs ..... *Dinotiscus* Ghesq.
- . Clypeus smooth with anterior margin straight. Propodeum without median carina. Funicular joints with only one row of sensilla. Hind coxae (fig. 2 E) bare dorsally ..... *Legolasia* gen. n.

#### *Trychnosoma ernobii* sp. n.

♀. Dark blue with mouthparts brownish. Antenna: scape blue with base yellowish brown, pedicellus blue and the rest of antenna brown. Tegula and wing base yellowish. Legs: coxae of the same colour as thorax, fore tibia, trochanteres and tarsus dark yellowish brown, base and apex of mid and hind tibiae and tarsi except clawjoints pale yellowish brown. Mid and hind tibiae and clawjoints brown, all femora dark brown with a tint of blue. Gaster with a golden band on posterior part of the segments. Wing veins brown.

♂. Unknown.

Length: 3.5 mm.

Holotype: in coll.me, Uppland, Stockholm 15/2 1964, leg. K.-J. Hedqvist. Reared from *Ernobius nigrinus* Sturm (Col. Anobiidae) living in shoots of *Pinus cembra*.

*T. ernobii* sp. n. is similar to *T. punctipleura* (Thoms.). The differences may be summed up as follows:

1. Dorsellum reticulated. Propodeum (fig. 4 A) finely reticulate. Speculum large. Gaster elongate, narrow. . . *T. punctipleura* (Thoms.)
- . Dorsellum smooth. Propodeum (fig. 4 B) more coarsely reticulate (larger meshes). Speculum with scattered hairs. Gaster elongate, but wider than in *T. punctipleura*. .... *T. ernobii* sp. n.

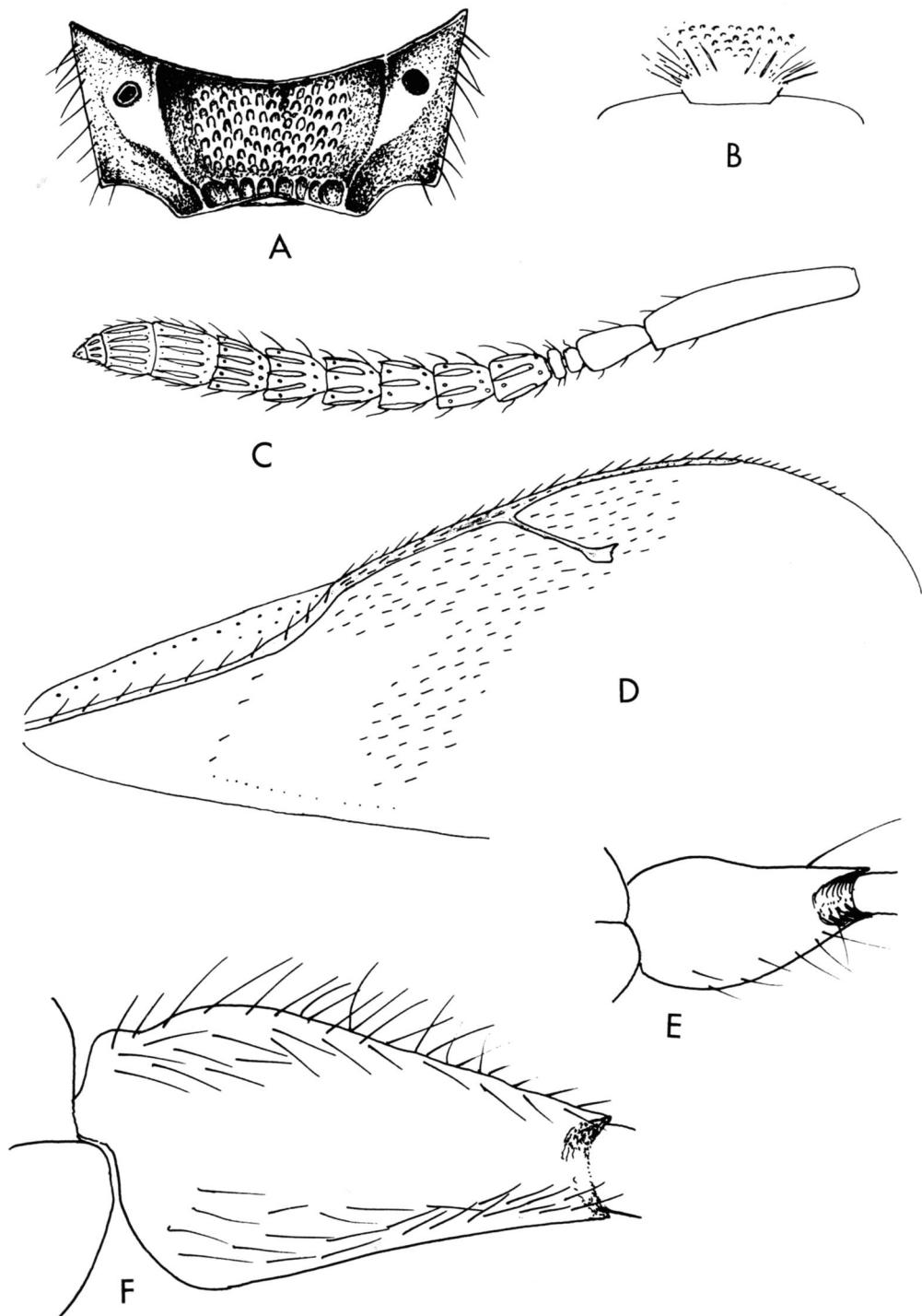


Fig. 2. A—E *Legolasia dinotiscoides* gen. n., sp. n. — A. Propodeum, B. Clypeus, C. Antenna, D. Part of fore wing, E. Hind coxa. — F. *Dinotiscus aponius* (Walk.) ♀, hind coxa.

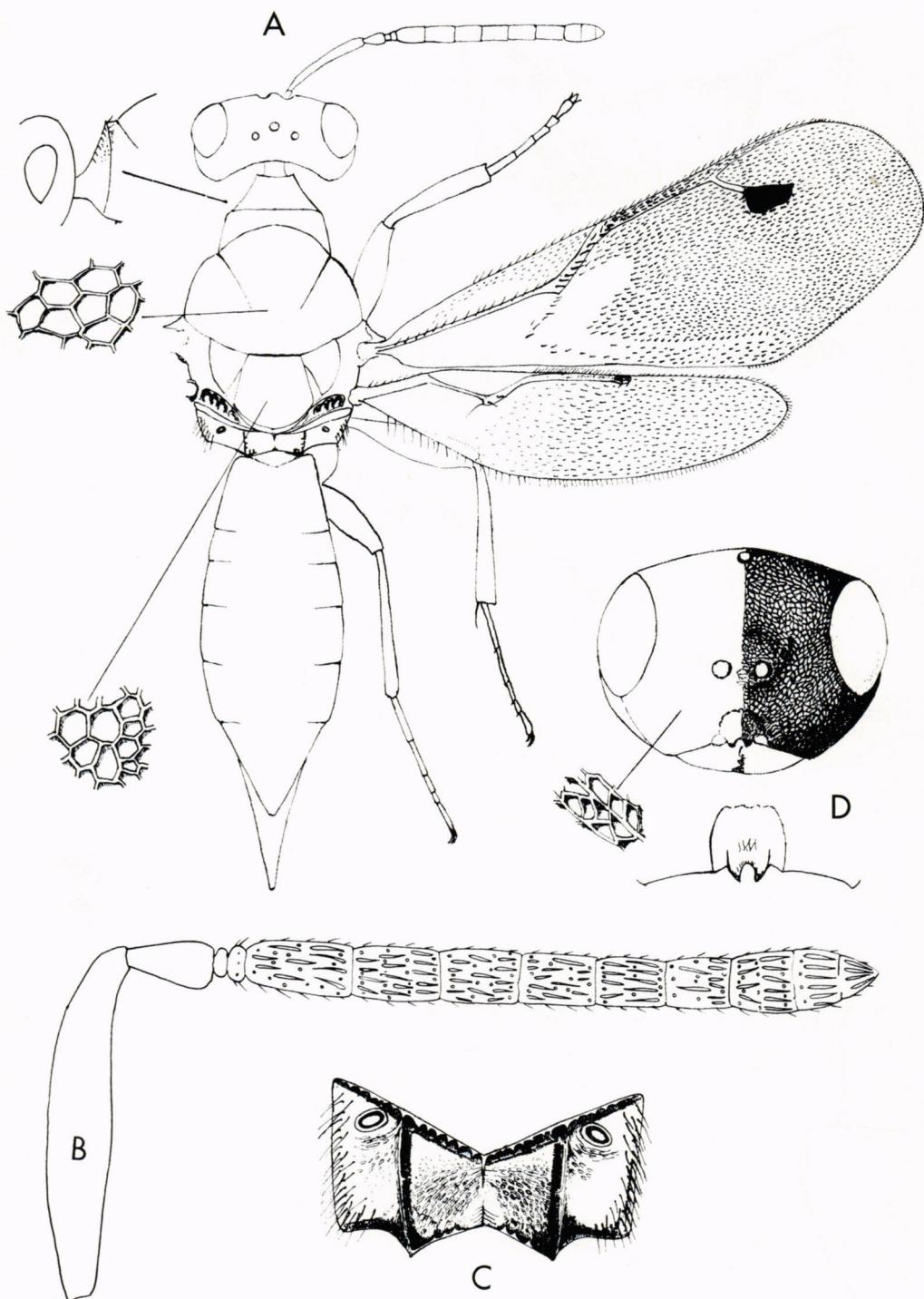


Fig. 3. A—D *Dinotiscus aponus* (Walk.) ♀. — A. Whole insect, B. Antenna, C. Propodeum, D. Head in frontal view.

*Trychnosoma punctipleura* (Thoms.)

Male, not described as yet, is similar to female but has more elongate funicular joints with many sensilla and clava elongate and narrow.

Material of *T. punctipleura* (Thoms.) seen from Sweden:

(Graham 1957 has examined the specimens in coll. Thomson, Lund, and selected a lectotype.)

S k å n e, Åhus, 21/7 1960 (1♀), leg. K.-J. Hedqvist. D a l a r n a, Leksand, Rössjöberget, 15/12 1961 (1♀, 1♂) leg. B. Ehnström, reared from *Magdalais* sp. on *Pinus silvestris*.

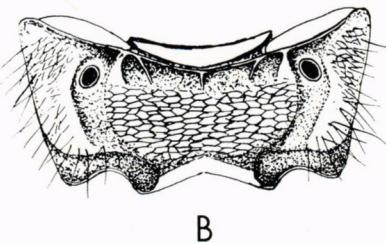
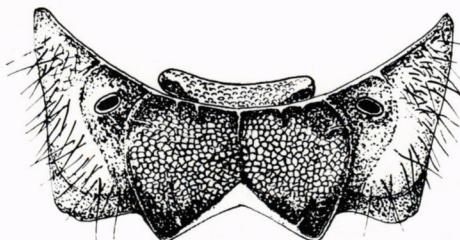


Fig. 4. A. *Trychnosoma punctipleura* (Thoms.) ♀, propodeum. — B. *T. ernobii* sp. n. ♀, propodeum.

## References

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