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***Honiarrea* gen. nov., a new genus of the family *Heterocoptidae* (Acari, Astigmata)**

[With 4 text-figures]

**Abstract.** A new genus *Honiarrea* (Acari, Astigmata, *Heterocoptidae*) with new species *Honiarrea lagossa* from *Passandra heros* (F.) (Coleoptera, *Passandridae*) from Hainan Isle (South China) is described and figured.

Only two genera: *Heterocoptes* FAIN, 1967 and *Erotylocoptes* FAIN, 1987 are known in *Heterocoptidae* hitherto (FAIN 1987). OCONNOR (1979) signalized descriptions of a dozen or so new genera and several dozen species of *Heterocoptidae* but none of them has been published hitherto.

The mite was obtained from the collection of beetles of the Institute of Zoology, Polish Academy of Sciences, Warsaw. I would like to express my sincere thanks to dr A. ŚLIPIŃSKI (Warsaw) for the loan of the specimens. All measurements are given in microns.

***Honiarrea* gen. nov.**

Male. Idiosoma wide, oval, with two lobes in its posterior part, lobes with setae. Propodosomal and hysterosomal plates present, separated by striated area. Dorsal lateral part of idiosoma and also ventrum partly striated. Adanal suckers distinctly developed, partly striated, setae *he* long, dorsal setae minute, except *vi*. Epimere I free.

Type species: *Honiarrea lagossa* n. sp.

Gender: feminine.

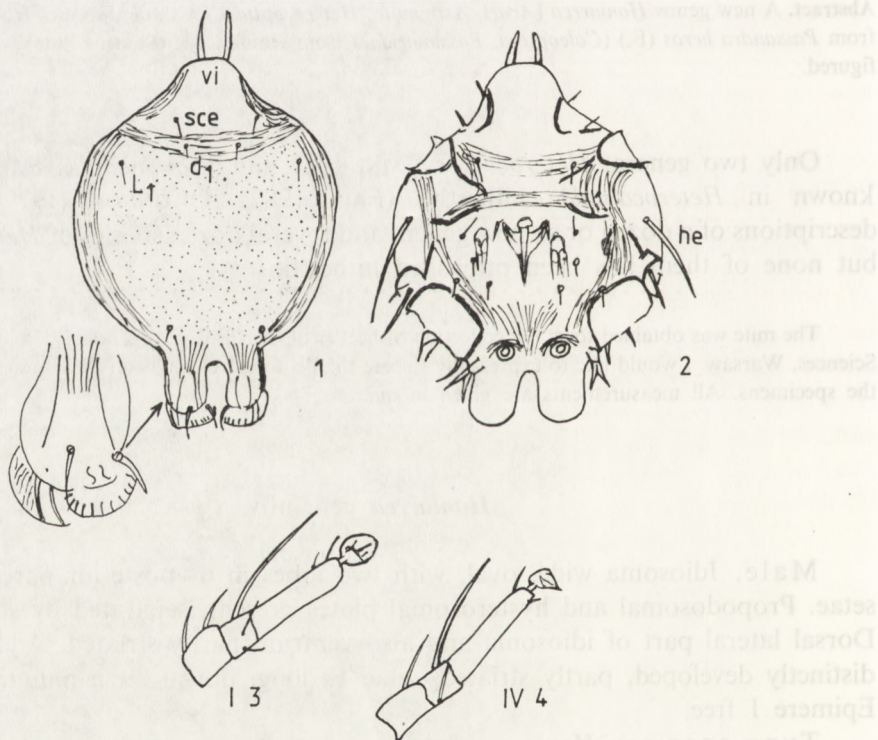
*Honiarrea lagossa* n. sp.

Male (holotype). Idiosoma with two plates: propodosomal with two pairs of setae: of them *vi* semilong, *sce* minute and hysterosomal with two pairs of minute setae. There is a striated area with a pair of minute setae between plates. Posterior part of idiosoma with two lobes, each with two distinctly developed setae. Lateral part of idiosoma striated (Fig. 1). Ventral part striated transversely and longitudinally. At bases of lobes two suckers and bifurcate setae situated laterally to them (Fig. 2). Setae *he*, situated on not striated area, relatively long and thick. Legs typical for *Heterocoptidae* (Figs. 3, 4).

Measurements. Length of idiosoma 536, width 416, *vi* 56, *sce* 8, *d*<sub>1</sub> 8, *L*<sub>1</sub> 18, *he* 78, *Ta* I 102, *Ta* II 110, *Ta* III 112, *Ta* IV 112, genital apparatus 60.

Remarks. *H. lagossa* can be distinguished from other species of *Heterocoptidae* (males) basing on characteristic lobes, long *he* and presence of bifurcate setae at the bases of lobes.

Types. Hainan Isle, South China, holotype male from *Passandra heros* (F.) (*Coleoptera*, *Passandridae*); specimen in collection of the IZ PAS, Warsaw.



Figs. 1-4. *Honiarrea lagossa* ♂; 1 - dorsal view of idiosoma; 2 - ventral view of idiosoma; 3-4 tarsus, tibia and genu of leg I and IV.



REFERENCES

- FAIN A. 1987. Nouveaux taxa dans la famille *Heterocoptidae* FAIN, 1967 (*Acari, Astigmata*). Bull. Soc. r. belge Ent., Bruxelles, **123**: 243–253.
- O'CONNOR B.M. 1979. A review of the family *Heterocoptidae*. Proc. V Int. Congr. Acar. (August 6–12, 1978, East Lansing). Recent Advances of Acarology II: 429–433.

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STRESZCZENIE

[Tytuł: *Honiarrea* gen. nov., nowy rodzaj w rodzinie *Heterocoptidae* (*Acari, Astigmata*).

Opisano nowy rodzaj *Honiarrea* gen. nov. oraz nowy gatunek *Honiarrea lagossa* n. sp. zebrany na *Passandra heros* (F.) (*Coleoptera, Passandridae*) z wyspy Hainan (południowe Chiny).

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РЕЗЮМЕ

[Заглавие: *Honiarrea* gen. nov. — новый род в семействе *Heterocoptidae* (*Acari, Astigmata*)]

Описали новый род *Honiarrea* gen. nov. и новый вид *Honiarrea lagossa* n. sp. собранный с *Passandra heros* (F.) (*Coleoptera, Passandridae*) из острова Хайнан (южный Китай).