

- MUESEBECK C.F.W. & WALKLEY L.M., 1956. — Type species of the genera and subgenera of parasitic wasps comprising the superfamily Proctotrupoidea (Order Hymenoptera). *Proc. U.S. nat. Mus.*, n° 3359, 105 : 319-419.
- RATZEBURG J.T.C., 1844. — Die Ichneumonen der Forstinsecten in forstlicher und entomologischer Beziehung [;] ein Anhang zur Abbildung und Beschreibung der Forstinsecten. Berlin, VIII + 224 pp., 4 pls. [« als » Anhang, err. in HAGEN, 1863, 2 : 62].
- RATZEBURG J.T.C., 1848. — Die Ichneumonen der Forstinsecten in forstlicher und entomologischer Beziehung ; ein Anhang zur Abbildung und Beschreibung der Forstinsecten. Zweiter Band, enthalend die fünfte, sechste und siebente Centurie gezogener Ichneumonen. Berlin, 2 : VII + 238 pp.
- SCHMIEDEKNECHT C.G., 1930. — Die Hymenopteren Nord- und Mitteleuropas mit Einschluss von England, Südschweiz, Südtirol und Ungarn, nach ihren Gattungen und zum grossem Teil nach ihren Arten analytisch bearbeitet. Zweite, gänzlich umgearbeitete Auflage. Iena, 1062 pp.
- THOMSON C.G., 1858. — Sveriges Proctotruper. *Öfv. K. Vet.-Akad. Förb.*, 15 : 287-305.
- VAPPULA N.A., 1968. — Finnish entomological Literature in 1966, including Economic Entomology and Control of Insect Pests. *Ann. ent. fenn.*, 34/1a : 1-22.
- WOLFF M., 1918. — Die Proctotrupiden-Gattung *Lagynodes* Förster (1841). *Zool. Jahrbücher (Syst.)*, 41/6 : 581-606.

EUROGLYPHUS (GYMNOGLYPHUS)
OSU NEW SPECIES FROM BARN FLOOR
IN USA
 (Acarina : Pyroglyphidae, Sarcoptiformes)

by A. FAIN* and D. JOHNSTON**

The species described herein was found in barns in Columbus and Wooster, Ohio, U.S.A.

This species is known only from the female. It is distinguished from *Euroglyphus (Gymnoglyphus) longior* (TROUESSART), the only other species in the subgenus, by the following characters :

- 1) Cuticle of the posterior part of the hysterosoma distinctly punctate.
- 2) Setae *a i* more anterior.
- 3) Body slightly larger.
- 4) Solenidia phi I and phi II shorter (in paratypes, resp. 48 μ and 78 μ , for 60-66 μ and 90-100 μ in *E. longior*).

As with other Pyroglyphinae the new species occurs in quite dry habitats.

The name *osu* is formed with the initials of « Ohio State University ».

***Euroglyphus (Gymnoglyphus) osu* spec. nov.**

FEMALE (fig. 1-2) : The holotype is 345 μ long and 216 μ wide (idiosoma). Length x width in 4 paratypes : 330 x 195 μ ; 330 x 192 μ ; 333 x 198 μ ; 328 x 194 μ . *Dorsum* : cuticle with

* Institut de Médecine Tropicale, Nationalestraat 155, 2000 Antwerpen.

** Ohio State University, Columbus, Ohio, USA.

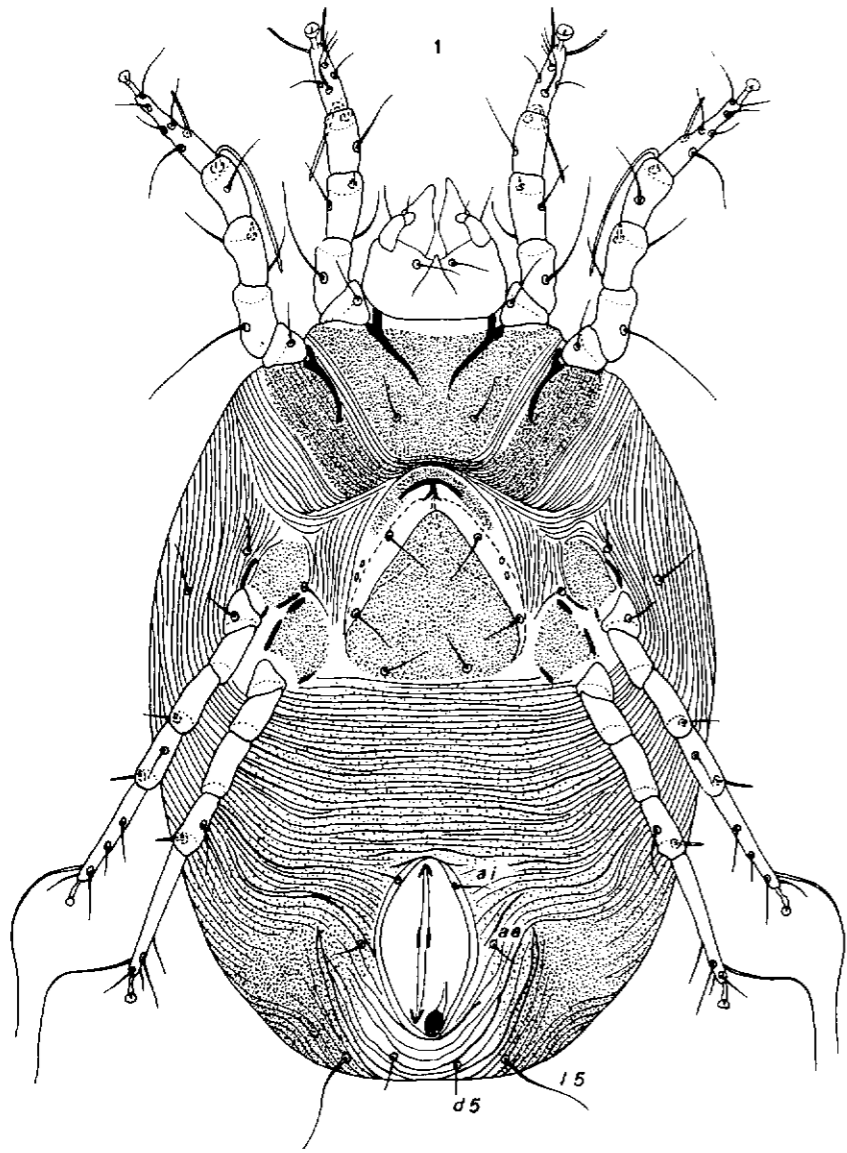


FIG. 1. — *Euroglyphus (Gymnoglyphus) osu* sp.n. Holotype female in ventral view

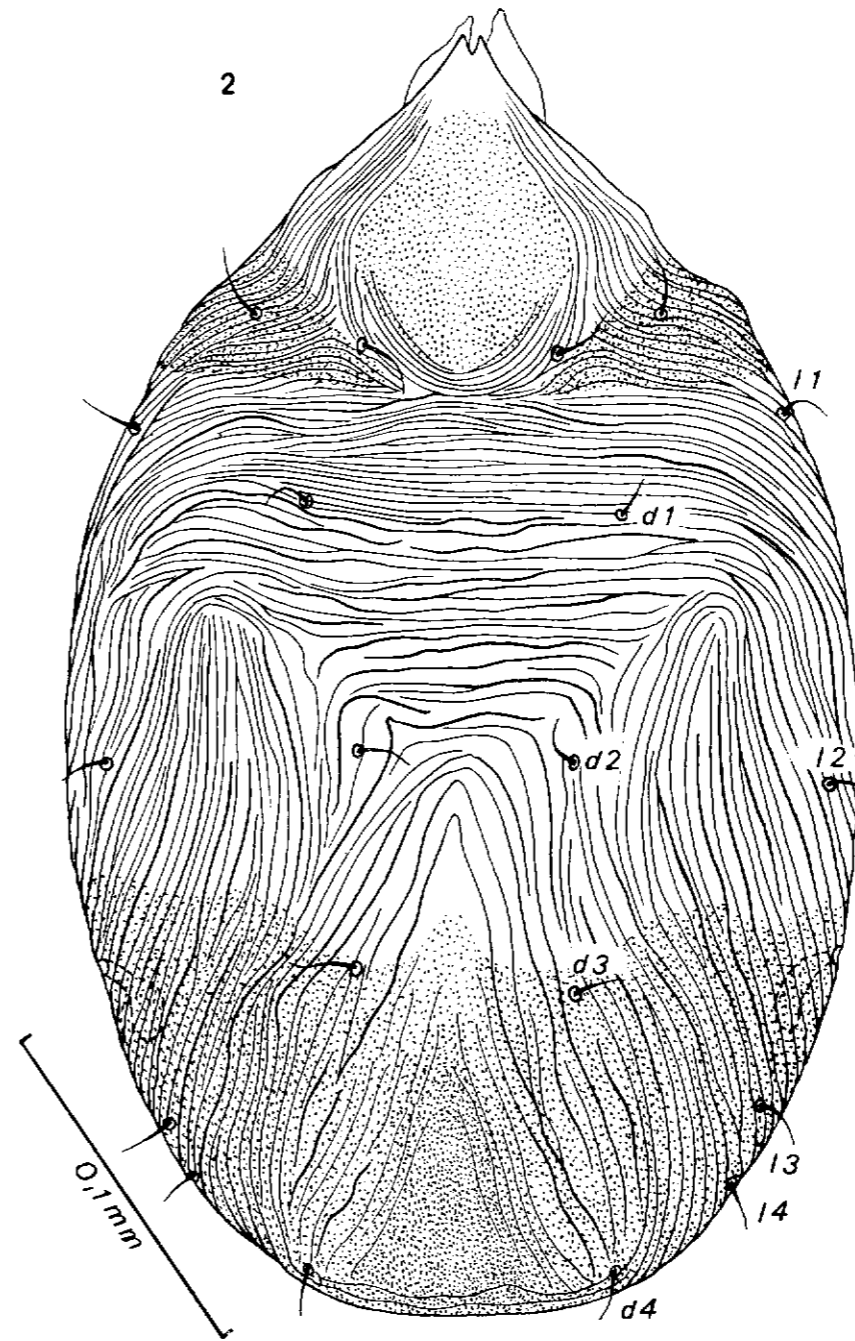


FIG. 2. — *Euroglyphus (Gymnoglyphus) osu* sp.n. Holotype female in dorsal view

thick and rather irregular striation resembling that of *E. longior*. Hysterosomal shield as in *E. longior* but with margins difficult to delimit and laterally it is continuous with the punctation of the striated cuticle. *Venter*: epimera, genital and anal regions as in *E. longior*.

Chaetotaxy: setae *a i* are situated at 12-13 μ from the anterior extremity of the anus. Setae *l 5* is 40-42 μ long in the holotype. In the paratypes the length of *l 5* varies between 40 and 60 μ .

Localities:

1. From floor sweepings and grain debris in cattle barn, College of Agriculture, Ohio State University, Columbus, Ohio, 19 June 1972. Coll. J.C. McGRATH, R.K. HODGSON, and R.A. NORTON (Holotype female and 5 female paratypes).

2. Ex dry debris on barn floor, Ohio Agricultural Research and Development Center, Wooster, Ohio, 11 June 1963. Coll. D.E. JOHNSTON and W. KNÜLLE (1 female paratype).

Holotype in the U.S. National Museum, Washington. Paratypes in the Acarology, Laboratory, Columbus, Ohio and in the collection of A. FAIN.

BIBLIOGRAPHY

FAIN A., 1965. — Les Acariens nidicoles et détriticoles de la famille Pyroglyphidae CUNLIFFE. *Rev. Zool. Bot. Afr.*, 72 (3-4): 257-288.

CONTRIBUTION A L'ETUDE DES COLEOPTERES LUCANIDES Descriptions de **Lucanus** nouveaux ou peu connus

par J.P. LACROIX* et H.E. BOMANS**

La présente note a pour objet de décrire deux nouvelles espèces du genre *Lucanus* SCOPOLI et de compléter la connaissance des espèces du groupe *Lucanus westermanni* WESTWOOD ap. HOPE.

Nous remercions vivement :

M. A. VILLIERS (M.N.H.N. Paris) pour la libre consultation des Collections R. Oberthur et R. Didier,

M. R.D. POPE, Curator of the Coleoptera au British Museum, pour les types qui nous ont été communiqués en temps voulu,

et enfin le Dr. E. WEINREICH (Giessen, All. Féd.) qui nous a guidé précieusement dans la préparation et l'étude des édéages.

LUCANINAE

MCLEAY, 1819, *Horae ent.* I, p. 111; LACORDAIRE, 1856, *Gen.* III, p. 19 (Lucanidae); THOMSON, 1862, *Ann. Soc. ent. Fr.* II, p. 393 (Lucanidae).

Lucanus SCOPOLI

SCOPOLI, 1763, *Entom. Carniol.*, p. 1; PLANET, 1898, *Essai Monogr.*; VAN ROON, 1910, *Coleopt. Catal.*, pars 8, p. 10.

* Attaché au Muséum National d'Histoire Naturelle, à Paris.

** 39, avenue Charles Verhaegen, 1950 Crainhem (Belgique).