

SHORT COMMUNICATION

S.Yu. Storozhenko¹⁾, D.S. Aristov²⁾. NEW GENUS OF THE FAMILY LIOMOPTERIDAE (INSECTA: GRYLLOBLATTIDA) FROM LOWER PERMIAN OF RUSSIA. - Far Eastern Entomologist. 1999. N 76 : 6-8.

С.Ю. Стороженко, Д.С. Аристов. Новый род семейства Liomopteridae (Insecta: Grylloblattida) из нижней перми России. // Дальневосточный энтомолог. 1999. N 76. С. 6-8.

A new genus of the family Liomopteridae is found in the Lower Permian locality Chekarda (Ural Mountains). Holotype and part of paratypes deposited in the Paleontological Institute of Russian Academy of Sciences, Moscow (PIN), other paratypes in the Perm State University, Perm (PSU). We would like to express thanks Prof. A.P. Rasnitsyn (PIN) and Dr. V.G. Novokshonov (PSU) who loaned us the material for study.

Genus *Uralioma* Storozhenko et Aristov, gen. n.

Type species: *Uralioma variabilis* Storozhenko et Aristov, sp. n.

DIAGNOSIS. Head prognathous, eyes oval. Antennae filiform, long. Pronotum trapezoidal, with broad paranota. Mezonotum large. Legs relatively short, tarsus 5-segmented, apical segment with 2 claws and large arolium between them. Fore wing light, with dark stripe along anterior margin. Anterior margin convex. Costal area as broad as radial area. Sc with 13-18 mainly simple branches; cross-veins between them rare. Subcostal and radial areas with simple cross-veins. Cubital area broadened in basal part, with mainly simple cross-veins. Hind wing with narrow costal area.

ETYMOLOGY. From Ural Mts. and generic name *Liomopterum*.

SPECIES INCLUDED. Type species only.

RELATIONS. New genus closely related to Lower Permian genus *Liomopterum* Sel-lards, 1909 and Upper Permian genus *Liomopterites* Sharov, 1961. From first it differs by shape of pronotum, by shorter legs and by larger size. *Liomopterites* well distinguished from new genus by presents of double row of cells in the radial area of fore wing.

Uralioma variabilis Storozhenko et Aristov, sp. n.

Figs 1-8

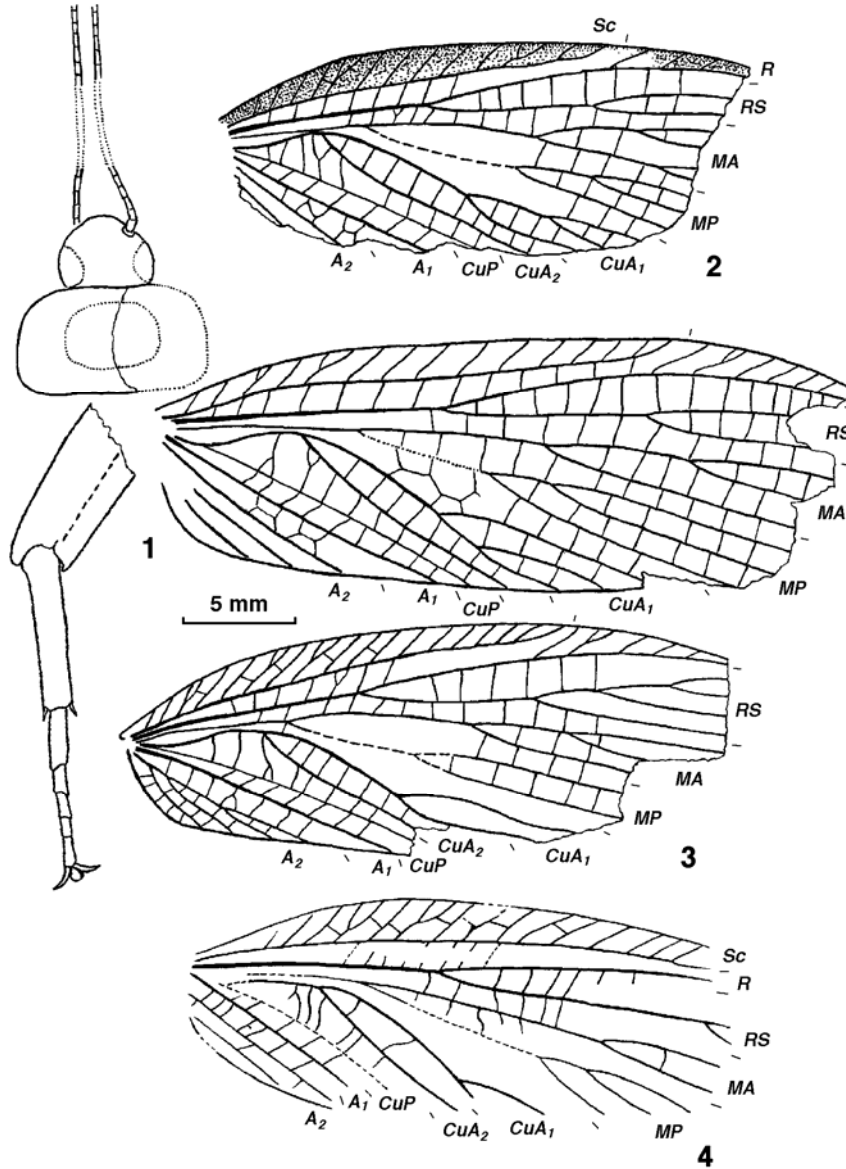
MATERIAL. Holotype: imprint and counter-imprint of head, pronotum, thorax, fore wing and two legs, specimen of PIN N 1700/3929; Russia: Perm Region, left bank of Sylva River near mouth of Chekarda River; Lower Permian, Kungurian Stage. Paratypes: imprints and counter-imprints of fore wing, specimens of PIN NN 1700/823, 1700/824, 1700/869, 1700/798, 1700/3998 and specimens of PSU N 1/334, 1/362, 1/363, 2/377; imprint and counter-imprint of hind wing, specimens of PIN N 1700/837 from same locality.

DESCRIPTION. The wing-venation in apical part very variable. *RS* with 2-4 branches, *MA* with 1-4 ones, *MP* with 2-3 ones, *CuA₁* with 2-3 branches. *MP* desclerotized near the middle. *CuP* weak, straight. *A₁* simple. *A₂* with 2-4 branches.

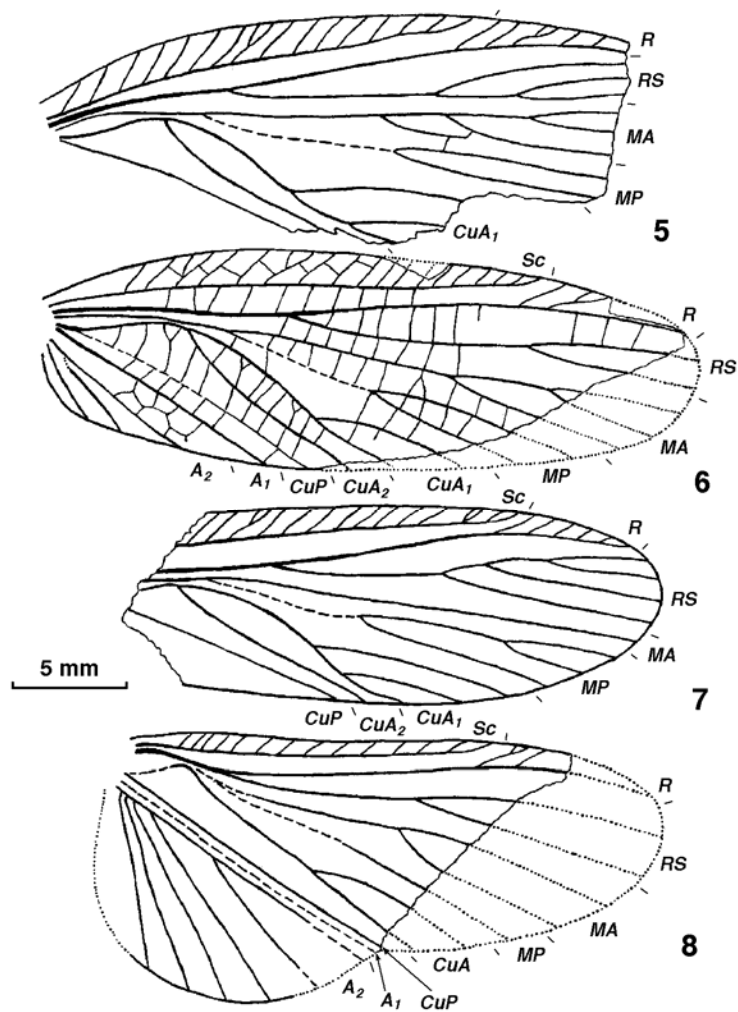
MEASUREMENTS. Length of pronotum 4,6 mm, tibia 7,1 mm, tarsus (without claws) 7,1 mm, fore wing 26-32 mm, hind wing 24 mm. Width of head 4,1 mm, pronotum 8,2 mm, fore wing 8,6-10,9 mm.

ETYMOLOGY. From Latin *variabilis* - variable.

LOCALITY AND OCCURENCE. Russia: Sylva River (Chekarda); Lower Permian, Kungurian Stage.



Figs 1-4. *Uralioma variabilis* gen. et sp. n. 1) holotype, spec. N 1700/3929; 2-4) paratypes, fore wing: 2) spec. N 1/334; 3) spec. N 1700/824; 4) spec. N 2/377.



Figs 5-8. *Uralioma variabilis* gen. et sp. n. 5-7) paratypes, fore wing: 5) spec. N 1700/869; 6) spec. N 1700/823; 7) spec. N 1/362; 8) paratype, hind wing, spec. N 1700/837.

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