

## ***Gonomyiella* Meunier, 1899 replaces *Oreophila* Lackschewitz, 1935, with list of species (Diptera, Limoniidae)**

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**Abstract.** For many years *Gonomyiella* Meunier, 1899 has been considered a junior synonym of *Ormosia* (*Ormosia*) Rondani, 1856. However, recently, the type-species of *Gonomyiella*, *Ormosia electrella* Alexander, 1931, was placed in the subgenus *Ormosia* (*Oreophila*) Lackschewitz, 1935. As a result of this, *Gonomyiella* has become a subjective senior synonym of *Oreophila*, **syn. nov.** A list of species belonging to *Ormosia* (*Gonomyiella*) is provided.

While working on Baltic amber fossils, Meunier (1899), described the genus *Gonomyiella*, including a figure of the wing, as a genus close to *Gonomyia*, but without included species. Later, in a footnote (Meunier 1906) he mentioned that *Gonomyiella* is most likely intermediate between *Gonomyia* and *Empeda*. In his revision of Baltic amber craneflies, Alexander (1931) presented *Gonomyiella* as a junior synonym of *Ormosia* Rondani, 1856, but also as a *nomen nudum* and “because of an unfortunate tangle of names” he proposed to entirely abandon the name *Gonomyiella*, by this tangle of names referring to the limoniid genera *Gonomyella* Alexander, 1916, and *Gonomyiella* Kuntze, 1919.

Without going into too much detail, it can be stated that according to the ICZN *Code* (I.C.Z.N. 1999), names of genera proposed before 1930 without included species are available, not *nomina nuda* as some workers may think. The first species of *Gonomyiella* is *Ormosia electrella* Alexander, 1931, which was included and also designated as type species by Evenhuis (1994), with *Gonomyiella* treated as a junior synonym of *Ormosia*.

*Ormosia* is a predominantly Holarctic-Oriental genus including some 240 species divided over four subgenera, *Ormosia* (s. str., 184 species), *Neserioptera* Alexander, 1956 (two species, Afrotropical), *Parormosia* Alexander, 1965 (24 species), and *Oreophila* Lackschewitz, 1935 (29 species) (Oosterbroek 2024).

Our interest is with the subgenus *Oreophila*, type species *Rhypholophus bergrothi* Strobl, 1895, with seven species in the Nearctic, 13 in the Westpalaeartic, eight in the Eastpalaeartic and three in the Oriental region, as listed below. The Westpalaeartic is special because 11 out of the 13 species are described from Baltic amber, as revised in Podenas (1999). The only other fossil species in *Ormosia* is *Ormosia* (s. str.) *innata* Podenas, 1999,

also from Baltic amber. Podėnas (1999) presented descriptions, figures and a key for all 11 amber species, seven of which were described as new to science, the four remaining species being described by Alexander (1931): *beurleni*, *electrella*, *skwarrae* and *tornquisti*.

These four species were described in *Ormosia*, without reference to a subgenus (Alexander 1931, Evenhuis 1994). In Podėnas (1999), they are placed in the subgenus *Oreophila*, based on characters of the wing and the male genitalia, which separate *Ormosia* (s. str.) from *Ormosia* (*Oreophila*). With *Ormosia electrella* Alexander, 1931 being the type species of *Gonomyiella* Meunier, 1899, the latter name takes priority over *Oreophila* Lackschewitz, 1935, **syn. nov.**

Accordingly, *Ormosia* (*Gonomyiella*) is comprised of the following species:

<i>abava</i> Podėnas, 1999	Eocene	Westpalaeartic
<i>absaroka</i> Alexander, 1943	Recent	Nearctic
<i>bergrothi</i> (Strobl, 1895)	Recent	West- and Eastpalaeartic
<i>beurleni</i> Alexander, 1931	Eocene	Westpalaeartic
<i>bucera</i> Alexander, 1954	Recent	Nearctic
<i>confluenta</i> Alexander, 1922	Recent	Eastpalaeartic
<i>divina</i> Podėnas, 1999	Eocene	Westpalaeartic
<i>divulgata</i> Podėnas, 1999	Eocene	Westpalaeartic
<i>electrella</i> Alexander, 1931	Eocene	Westpalaeartic
<i>flaveola</i> (Coquillett, 1900)	Recent	Nearctic
<i>hutchinsonae</i> Alexander, 1935	Recent	Oriental
<i>ilibata</i> Podėnas, 1999	Eocene	Westpalaeartic
<i>indago</i> Podėnas, 1999	Eocene	Westpalaeartic
<i>jurate</i> Podėnas, 1999	Eocene	Westpalaeartic
<i>komazawai</i> Kato & Kolcsár, 2022	Recent	Eastpalaeartic
<i>leptorhabda</i> Alexander, 1943	Recent	Nearctic
<i>licina</i> Alexander, 1966	Recent	Oriental
<i>longicornis</i> Savchenko, 1980	Recent	Eastpalaeartic
<i>longipalpa</i> Podėnas, 1999	Eocene	Westpalaeartic
<i>parviala</i> Petersen & Gelhaus, 2004	Recent	Nearctic
<i>sequoiarum</i> Alexander, 1945	Recent	Nearctic
<i>skwarrae</i> Alexander, 1931	Eocene	Westpalaeartic
<i>sootryeni</i> (Lackschewitz, 1935)	Recent	West- and Eastpalaeartic
<i>stenostyla</i> Alexander, 1965	Recent	Oriental
<i>subducalis</i> Alexander, 1940	Recent	Eastpalaeartic
<i>tornquisti</i> Alexander, 1931	Eocene	Westpalaeartic
<i>triangularis</i> Alexander, 1949	Recent	Nearctic
<i>weymarni</i> Alexander, 1950	Recent	Eastpalaeartic
<i>yankovskyi</i> Alexander, 1940	Recent	Eastpalaeartic

## REFERENCES

- Alexander, C.P. 1931. Crane-flies of the Baltic amber (Diptera). *Bernstein-Forschungen* 2: 1–135.

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- Evenhuis, N.L.** 1994. *Catalogue of the fossil flies of the world (Insecta, Diptera)*. Backhuys, Leiden: viii + 600 pp.
- International Commission on Zoological Nomenclature (I.C.Z.N.)** 1999. *International Code of Zoological Nomenclature*. Fourth edition. International Trust for Zoological Nomenclature, London. xxix + 306 pp.
- Meunier, F.** 1899. Études de quelques Diptères de l'ambre tertiaire. 1<sup>re</sup> note. *Bulletin de la Société Entomologique de France* **1899**: 334–335.
- Meunier, F.** 1906. Monographie des Tipulidae et des Dixidae de l'ambre de la Baltique. *Annales des Sciences Naturelles (Zoologie)* (9) **4**: 349–401.
- Oosterbroek, P.** 2024. Catalogue of the Craneflies of the World. Available from: <https://ccw.naturalis.nl> (Accessed 10 December 2024).
- Podėnas, S.** 1999. *Ormosia Rondani* crane flies (Diptera, Limoniidae) from the Baltic amber. *Acta Zoologica Lituanica* **9**(1): 183–200.