

**On the similarity between the leafhopper faunas
of Yakutia and the northern part of North America
(Homoptera, Auchenorrhyncha)**

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The generic composition of the leafhopper faunas of Yakutia (NE Asia) and northern part of North America (Alaska and Canada) is compared using the recently published monographs (Sivtsev & Vinokurov, 2002; Maw et al., 2002).

These territories are located at approximately the same latitudes. They were connected in the past through Beringia, which allowed faunal exchange, also of leafhoppers. Fifty-three genera are common to these territories, as follows:

- family Cixiidae: *Cixius*;
- family Delphacidae: *Achorotile*, *Criomorphus*, *Javesella*, *Kelisia*, *Megamelus*, *Nothodelphax*, *Ribautodelphax*, *Unkanodes*;
- family Aphrophoridae: *Lepyronia*, *Neophilaenus*, *Philaenus*;
- family Cicadellidae: *Aphrodes*, *Athysanus*, *Balclutha*, *Cicadula*, *Colladonus*, *Cosmotettix*, *Coulinus*, *Deltocephalus*, *Diplocolenus*, *Doratura*, *Elymana*, *Euscelis*, *Hardya*, *Hebecephalus*, *Idiodonus*, *Limotettix*, *Macrosteles*, *Mocuellus*, *Paluda*, *Platymetopius*, *Psammotettix*, *Rosenus*, *Sorhoanus*, *Stenomtopiellus*, *Thamnotettix*, *Cicadella*, *Evacanthus*, *Idiocerus*, *Macropsis*, *Oncopsis*, *Aguriahana*, *Alnetoidia*, *Arboridia*, *Chlorita*, *Dikraneura*, *Eupteryx*, *Forcipata*, *Notus*, *Typhlocyba*, *Zygina*.

Although the number of common genera is large, the number of common species is relatively small.

References

- Sivtsev, V.V. & N.N. Vinokurov. 2002. *Leafhoppers (Homoptera, Auchenorrhyncha) of Yakutia*. Novosibirsk. 136 p. (In Russian).
- Maw, H.E.L., R.G. Foottit, K.G.A. Hamilton & G.G.F. Scudder. 2000. *Checklist of the Hemiptera of Canada and Alaska*. NRC Research Press, Ottawa. 220 p.

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ABSTRACTS



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ABSTRACTS



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