

Subdivision of the family Kinnaridae into subfamilies and tribes (Homoptera, Fulgoroida)

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Kinnaridae are subdivided into two subfamilies: Kinnarinae with a single tribe and Prosoptropinae with tribes Prosoptropini, Kinnocciini trib. n., Oeclidiini trib. n. and Adolendini (= Propleromini, Emeljanopleromini, synn. n.). A key to the subfamilies and tribes is given.

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In spite of some progress in study of the Kinnaridae in the course of two last decades (Emeljanov, 1984; Remane, 1985; Bourgoïn, 1993), the classification of this family remains unsatisfactory. Bourgoïn (1993) proposed in his short publication a cladogram of Kinnaridae and Meenoplidae based on a computer calculation of different data, but did not indicate concrete synapomorphies.

Bourgoïn's cladogram confirms the monophyly of Prosoptropinae (sensu Fennah, 1945) and affinity of the Canarian genera *Kinnoccia* Rem. and *Kinnocana* Rem. to this taxon, in accordance with Remane's opinion. On the contrary, the separation of the New World genera *Oeclidius* and *Southia* raises strong doubt. Material examined by me (some species of *Oeclidius* and unidentified species of *Southia*) shows affinity of these genera and their significant difference from the Old World genera *Adolenda* Dist., *Bashgultala* Dlab. and *Perloma* Em. (= *Emeljanopleroma* Kocak). Now, I consider that it will be correct to synonymize Propleromini Em. (= *Emeljanopleromini* Kocak) with Adolendini Em. and to establish two new tribes, Kinnocciini trib. n. and Oeclidiini trib. n. Distinctions of all tribes of the family are given in the synoptic key below.

Key to subfamilies and tribes of Kinnaridae

- 1(8). Costal vein of fore wing strong from base up to nodus. Branches of *RP* and *M* free. Common claval vein (*Pcu* + *A*₁) reaching hind margin of clavus (vein *A*₂) (i.e., cixioid clavus) (Subfam. Prosoptropinae Fennah, 1945).
- 2(5). Metope with complete or incomplete median carina, comparatively broad, its lateral carinae of moderate height. Integument dull, shagreened.
- 3(4). Basal cell of fore wing closed by normally developed arculus. Wax-field in female on abdominal segments VII and VIII only tribe **Prosoptropini** Fennah, 1945

- 4(3). Basal cell of fore wing closed by anastomosis of *M* and *CuA*. Wax-field in female on abdominal segments VI, VII and VIII tribe **Kinnocciini** trib. n.
- 5(2). Metope without median carina, narrow, with high lateral carinae.
- 6(7). Median carina of pronotum crossing fore carina and prolonged in front of it. Basal cell of fore wing closed by normally developed arculus tribe **Oeclidiini** trib. n.
- 7(6). Median carina of pronotum reaching fore carina but not prolonged in front of it. Basal cell of fore wing closed by anastomosis of *M* and *CuA* tribe **Adolendini** Emeljanov, 1984
- 8(1). Costal vein of fore wing weakened in distal part like peripheral vein of wing membrane. Branches *RP* and *M* with anastomosis at nodal level. Common claval vein reaching *CuP* before claval apex (achilidoid clavus) (Subfam. Kinnarinae Muir, 1925) tribe **Kinnarini** Muir, 1925

Systematic check-list of Kinnaridae Muir, 1925

Subfamily PROSOPTROPINAE Fennah, 1945

Tribe **Oeclidiini** trib. n.

Oeclidius Van Duzee, 1914 (*Paroeclidius* Myers, 1928); *Southia* Kirkaldy, 1904 (*Paulia* Stål, 1869, nom. praeocc.; *Bytrois* Fennah, 1945); *Micrixia* Fowler, 1904.

Tribe **Adolendini** Emeljanov, 1984

Propleromini Emeljanov, 1984, **syn. n.**
Emeljanopleromini Kocak, 1986, **syn. n.**

Bashgultala Dlabola, 1957; *Paramicrixia* Distant, 1911; *Adolenda* Distant, 1911 (*Adolina* Emeljanov, 1984, subgen.); *Perloma* Emeljanov, 1984, stat. n. (*Propleroma* Emeljanov, 1984, nom. praeocc.; *Micricodes* Emeljanov, 1984, subgen.; *Emeljanopleroma* Kocak, 1986, subgen.); *Nesomicrixia* Emeljanov, 1984.

Tribe **Kinnocciini** trib. n.

Kinnoccia Remane, 1985; *Kinnocana* Remane, 1985.

Tribe **Prosotropini** Fennah, 1945

Atopocixius Muir, 1926; *Dineparmene* Fennah, 1945; *Eparmene* Fowler, 1904; *Eparmenoides* Fennah, 1945; *Lomagene* Fennah, 1945; *Microissus* Fennah, 1947; *Oreopenes* Ramos, 1957; *Prosotropis* Uhler, 1895 (*Paraprosotropis* Ramos, 1957); *Quilessa* Fennah, 1942.

Subfamily **KINNARINAE** Muir, 1925Tribe **Kinnarini** Muir, 1925

Kinnara Distant, 1906 (*Pleroma* Melichar, 1903, nom. praeocc.).

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