

凹距族飞虱新属

(同翅目: 飞虱科)

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隆脊飞虱属 *Carinodelphax*, 新属

新属与梯顶飞虱属 *Arcofacies* Muir 1915 近缘, 两者主要区别为: 前者触角不伸达额唇基缝, 第一节长微大于宽, 前、中胸背板脊发达, 高耸隆起, 前、后唇基相交成钝角; 后者触角伸达额唇基缝, 第一节长于宽近 2 倍, 前、中胸背板脊正常不隆起, 唇基与额相交成直角。

模式种: 隆脊飞虱 *Carinodelphax carinatus*, 新种。

隆脊飞虱 *Carinodelphax carinatus*, 新种

头部较前胸背板窄, 头顶基宽略大于长, 侧缘脊发达, 渐向端部收狭, Y 形脊主干消失, 额长为宽的 2.4 倍, 侧脊发达, 几乎直, 中脊单一, 唇基基部与额的端部等宽, 侧面观, 前唇基倾斜, 与后唇基呈钝角相接; 喙稍伸过中足基节; 触角圆柱形, 第一节长微大于宽, 第二节为第一节长的 2 倍; 前、中胸背板三脊特别是中胸小盾板上的中脊异常高耸, 构成本属最显著的特征; 前翅偃月形, 爪片后缘的基半部相当高起; 后足胫节基部和近中部具一小刺, 端刺 5 根, 第一和第二附节各具端刺 6 和 4 根; 距如鸟喙状, 内面拱, 具一端齿, 后缘无齿列。

体黄褐; 触角第一节端部和第二节基部的细环纹、中胸小盾板隆脊的中部及前、中足基节和各足胫、附节上的轮状纹, 均为暗褐色; 前翅横脉两侧各有一列不连续的暗色宽带, 第一至第五端室端部的透明斑大小不等, 该斑除前翅端缘外均镶以暗褐边, 近后缘的其余端室布满不规则的网状纹, 由围以暗褐边的紊乱的淡色小斑组成, 翅脉上列生淡色粗颗粒状突起。

长翅型雌: 体长 3 毫米, 翅长 2.8 毫米, 连翅体长 3.2 毫米。

正模: ♀, 云南景洪, 1975.-VIII-15, 丁锦华采。模式标本存放于南京农业大学。

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A NEW GENUS OF TROPIDOCEPHALLINI

(Homoptera: Delphacidae)

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Carinodelphax gen. nov.

Allied to *Arcofacies* Muir, but differs from the latter in the following points: carinae of pro- and mesonotum well developed, antennae comparatively short, with basal segment a little longer than the width, in profile, anteclypeus declined at obtuse angle to postclypeus.

Type species, *Carinodelphax carinatus* sp. nov.

Carinodelphax carinatus sp. nov. (figs. 1-3)

Head with eyes narrower than pronotum, vertex at base broader than length, lateral margins distinctly keeled and slightly convergent distad, the Y-carina with stalk missing, length of frons 2.4 times the width, sides distinctly keeled, almost straight, median carina simple, clypeus at base as wide as frons at apex, in profile postclypeus and anteclypeus at obtuse angle; rostrum surpassing meso-trochanters, antennae terate, with first segment slightly longer than broad, second segment about twice the length of the first, the carinae of pro- and mesonotum exceptionally developed, especially the carina of scutellum; tegmina sub-acinacicate, basal half of hind margin of clavus elevated, tibial spur cultrate in outline, convex on inner surface, apex with a tooth, but no teeth on hind margin.

Yellowish brown, a ring around apex of first segment and base of second segment of antennae, the middle of scutellum, carina, front and middle coxae, and the annular marks of tibiae and tarsi dark brown, both sides of tegminal cross vein with obscure dark marks, a hyaline mark bordered with fuscous except apical margin at apical portion of first to fifth apical cells, many irregular light speckles bordered with fuscous in the other apical cell near hind margin.

(Cont. P. 16)

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