

**A Review of *Dichaetocoris* Knight (Heteroptera: Miridae):
New Species, New Combinations, and
Additional Distribution Records**

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The genus *Dichaetocoris* was proposed by Knight (1968) to contain twelve species of Orthotylinae from the western United States. My studies reveal that four species presently in the genus are not congeneric with *D. pinicola* Knight, the type species of *Dichaetocoris*, while a species presently in *Orthotylus*, *O. piceicola* Knight, should be transferred to *Dichaetocoris*. In this paper the following new combinations are proposed: *D. stanleyaea* Knight = *Melanotrichus stanleyaea* (Knight), *D. brevirostris* Knight = *Melanotrichus knighti* Polhemus, *D. symphoricarpi* Knight = *Melanotrichus symphoricarpi* (Knight), *D. peregrinus* (Van Duzee) = *Parthenicus peregrinus* (Van Duzee), and *Orthotylus piceicola* Knight = *D. piceicola* (Knight). Two new species, *D. geronimo* and *D. mojave*, are described from Arizona and Nevada respectively, and distributional records are noted for *D. pinicola* Knight, *D. merinoi* Knight, *D. coloradensis* Knight, *D. nevadensis* Knight, and *D. spinosus* (Knight).

Generic concepts in the western Orthotylini are in serious need of revision, a project beyond the scope of the present paper. As construed here, the genus *Dichaetocoris* may be distinguished by the presence of two types of simple recumbent pubescence on the dorsum, a lack of sexual dimorphism, and restriction to coniferous hosts. The closely allied genus *Melanotrichus* possesses flattened silvery hairs on the dorsum, exhibits weak sexual dimorphism in which the females are frequently shorter and broader than the males, and occurs on a variety of non-coniferous hosts. A review of similar generic problems in British species was presented by Southwood (1953) whose subgenus *Pinocapsus* appears quite similar to *Dichaetocoris*.

The additions and deletions described herein bring the total number of species in *Dichaetocoris* to twelve, including *D. anasazi* Polhemus (1984).

All specimens treated herein are held in the Polhemus collection (JTP) unless otherwise noted.

***Dichaetocoris geronimo*, NEW SPECIES**

Description.—Male: Small, ovate; length 3.56 mm; maximum width 1.48 mm. Coloration dull green, occasionally fading to yellow on head and scutellum.

Head green to yellowish, eyes black; frons set with erect black setae interspersed with recumbent pale, silky hairs; gula with a small patch of pale, erect hairs; vertex set with erect black setae, width exceeding twice the dorsal width of an eye. Antennae green to yellowish, covered with short, dense, erect fuscous setae; segment I with three long, erect, fuscous setae; segments II–IV with occasional longer, erect hairs; lengths of antennal segments I–IV (in mm): 0.24; 1.00; 0.68; 0.28.