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(Hymenoptera: Dryinidae)**

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*Abstract.* *Gonatopus rileyi* sp. nov. is described from a female collected on Mt. Magazine, Arkansas, U.S.A. The new species is similar to *Gonatopus lunatus* Klug 1810, and *Gonatopus schenklingi* Strand 1913. Keys to the Nearctic species of *Gonatopus* are modified to include the new species.

*Key Words.* Taxonomy, Nearctic dryinids, key, U.S.A., Mt. Magazine.

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INTRODUCTION

Dryinidae (Hymenoptera: Chrysidoidea) are parasitoids of Hemiptera Auchenorrhyncha (Guglielmino & Bückle 2003, 2010; Guglielmino et al. 2006; Guglielmino & Olmi 1997, 2006, 2007; Guglielmino & Virla 1998). Nearctic Dryinidae have been studied in recent years mainly by Krombein (1979), Olmi (1984, 1987a, b, c, 1991, 1992, 1993a, b, 1995, 1996, 1997, 2003, 2010, 2011) and Olmi & Guglielmino (2010a, b).

Among Dryinidae, the genus *Gonatopus* Ljungh 1810 is one of the most interesting from a biological point of view. Species of *Gonatopus* are known to parasitize hosts belonging to many families of leafhoppers and planthoppers, among which mainly Delphacidae and Cicadellidae (Guglielmino & Olmi 1997, 2006, 2007). According to Olmi (1984, 1993b, 2003), fifty species of *Gonatopus* are known from the Nearctic region and forty-six from the U.S.A., where the knowledge of Dryinidae may vary according to the states. Some US states, for example Arkansas, where no species of dryinids are known, inexplicably have not been studied sufficiently.

In 2011 and 2012, the authors examined a collection of dryinids deposited in the Department of Entomology, Texas A&M University, College Station, Texas, U.S.A. This study resulted in the discovery of one new species from Arkansas described herein.

The description of the new species is based on the study of one only specimen. The authors are aware that descriptions of new taxa should normally be based on more individuals. However, Dryinidae are so rare that it is not common to find more than one specimen of each species. In addition, on the basis of the experience and knowledge of the authors, the new species is sufficiently characterized to justify its description.

METHODS AND MATERIALS

The descriptions follow the terminology used by Olmi (1984, 1994, 1999). The measurements reported are relative, except for the total length (head to abdominal tip, without the antennae), which is expressed in millimetres. In the descriptions POL is the distance between the inner edges of the lateral ocelli; OL is the distance