

New distribution records for *Stenoponia americana* (Baker) and *Stenoponia ponera* Traub and Johnson (Siphonaptera: Ctenophthalmidae) with a review of records from the Southwestern United States

MICHAEL W. HASTRITER¹, GLENN E. HAAS² & NIXON WILSON³

¹Monte L. Bean Life Science Museum, Brigham Young University, 290 MLBM, P.O. Box 20200, Provo, Utah 84602-0200, U.S.A. E-mail: mwhastriter@sprintmail.com

²P.O. Box 60965, Boulder City, Nevada 89006, U.S.A.

³Department of Biology, University of Northern Iowa, Cedar Falls, Iowa 50614-0421, U.S.A.

Abstract

The genus *Stenoponia* is represented in the United States by *S. americana* (Baker) and *S. ponera* Traub and Johnson. *Stenoponia americana* is widely distributed from the eastern seaboard of the United States to the eastern slopes of the Rocky Mountains. The western extreme of *S. americana* is reported for the first time in Utah, a new state record is given for South Dakota, and additional unpublished records are provided for Arkansas, Colorado, Florida, Georgia, Indiana, Iowa, Kentucky, Montana, New Mexico, and North Carolina. The presence of *S. ponera* was confirmed in SW Colorado, extending the distribution north by 480 km, additional records are provided for Arizona, and the first record of this species is documented for Texas. A distribution map for *Stenoponia* in the southwestern United States and a discussion of their ecology is included.

Key words: geographical distribution, Siphonaptera, *Stenoponia americana*, *Stenoponia ponera*

Introduction

Dr. Charles H. Calisher, Arthropod-Borne Infectious Disease Laboratory, College of Veterinary Medicine and Biomedical Science, Colorado State University, Fort Collins, recently submitted two males of *Stenoponia americana* (Baker, 1899) from southwestern Colorado. These new montane records occurring so far to the west stimulated further inquiries. Additional material was examined from the collections of Brigham Young University (BYU), Carnegie Museum of Natural History (CMNH), Glenn E. Haas (GEH), National Museum of Natural History (NMNH), Nixon Wilson (NW), Purdue University