

MODIFICATION OF THE CONCEPT OF THE GENUS  
HADRONEMA UHLER AS NECESSITATED BY A NEW SPECIES<sup>1/</sup>  
 FROM TEXAS (HETEROPTERA, MIRIDAE).

M. C. Gruetzmacher and J. C. Schaffner

Department of Entomology  
 Texas A&M University  
 College Station, Texas 77843

ABSTRACT

Hadronema echinata n. sp. from western Texas is described and its relationship to other members of the genus as well as its placement within the genus are discussed. An illustration of the male is presented along with illustrations of the male genitalia.

RESUMEN

Se describe Hadronema echinata, una nueva especie del Oeste de Tejas y se discute su parentesco con otros miembros del género, así como su posición taxonómica dentro del mismo. Se presentan ilustraciones del insecto y genitales masculinos.

INTRODUCTION

Very little attention has been given to the genus Hadronema Uhler since it was reviewed by Knight (1928). The paper contained descriptions of new subgenera and species, notes and a key to the species. Kelton (1959) described and illustrated the male genitalia of H. militaris Uhler and H. princeps Uhler. Knight (1968) transferred H. albescens Van Duzee to his new genus Daleapidea.

The species described in this paper differs from other members of the genus in regards to several significant morphological features and as a result further expands the parameters of the genus.

HADRONEMA ECHINATA NEW SPECIES  
 (FIGS. 1-2)

General coloration uniformly grayish black; pollinose; posterior half of pronotum orange to lutescent; embolium white.

Male (measurements taken from 32 specimens; those of holotype given first followed in parenthesis by average and ranges): Length, 5.28 mm (5.70 mm, 4.60-5.90 mm); width, 1.84 mm (1.86, 1.64-1.98 mm).

Head smooth, with erect black setae; vertex slightly rounded, approximately three times as wide as eye as seen from above, posterior margin with rounded weakly developed carina more or less extending from eye to eye, carina with erect black setae; frons strongly rounded laterally, shallowly demarked from clypeus; clypeus rounded; height of gena about equal to height of eye as viewed from side; gula about as long as diameter of first rostral segment; eye rounded behind, removed from anterior margin of pronotum by distance approximately equal to length

<sup>1/</sup> Technical contribution no. TA 13450, Department of Entomology, Texas Agricultural Experiment Station, College Station, TX.