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**A Revision of the New World Genera *Brachylinga* Irwin and Lyneborg and  
*Lysilinga* Irwin and Lyneborg (Diptera: Therevidae: Therevinae)  
with the Description of a New Genus, *Elcaribe* Webb**

DONALD W. WEBB & MARK A. METZ



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## Abstract

The species of the New World genera *Brachylinga* Irwin and Lyneborg, *Lysilinga* Irwin and Lyneborg, and *Elcaribe* Webb, **gen. nov.** are described or redescribed with illustrations of the genitalia and, for most species, a map of its distribution. Keys are provided to identify the species within each genus. *Brachylinga* includes 24 species, ten of which (*Brachylinga albifrons* Webb, **sp. nov.**, *B. attenuata* Webb, **sp. nov.**, *B. bicolor* Webb, **sp. nov.**, *B. concava* Webb, **sp. nov.**, *B. curacaoensis* Webb, **sp. nov.**, *B. divaricata* Webb, **sp. nov.**, *B. laculata* Webb, **sp. nov.**, *B. mexicana* Webb, **sp. nov.**, *B. mimica* Webb, **sp. nov.**, and *B. tridentata* Webb, **sp. nov.**) are new to science. *Brachylinga antennata* (Kröber) is considered a *nomen dubium*. *Brachylinga interrupta* (Kröber) is synonymized under *B. chilensis* (Macquart) and *B. pilosa* (Kröber) is synonymized under *B. pavidata* (Coquillett). The genus *Lysilinga* Irwin and Lyneborg is revised and includes 10 species in North and Central America. *Lysilinga chamela* Webb, **sp. nov.**, *L. crassiseta* Webb, **sp. nov.**, *L. digita* Webb, **sp. nov.**, *L. dolichophalla* Webb, **sp. nov.**, *L. nigra* Webb, **sp. nov.**, *L. parkeri* Webb, **sp. nov.**, and *L. recta* Webb, **sp. nov.** are new to science. *Lysilinga maculifrons* (Kröber) is synonymized under *L. pilifrons* (Kröber) and *L. subrufa* (Cole) is synonymized under *L. occipitalis* (Adams). *Elcaribe* is described as a new genus and includes 14 species restricted to the Caribbean. *Elcaribe anguilla* Webb, **sp. nov.**, *E. bahamaensis* Webb, **sp. nov.**, *E. bifidus* Webb, **sp. nov.**, *E. elongatus* Webb, **sp. nov.**, *E. glabrus* Webb, **sp. nov.**, *E. guanaensis* Webb, **sp. nov.**, *E. longicaudus* Webb, **sp. nov.**, *E. paniculus* Webb, **sp. nov.**, *E. scarbroughi* Webb, **sp. nov.**, *E. starki* Webb, **sp. nov.**, and *E. stellus* Webb, **sp. nov.** are new to science. *Brachylinga abdominalis* (Fabricius), *B. monensis* (Curran), *B. obscura* (Coquillett), *B. laticornis* (Loew), and *B. squamosa* (Hardy) are placed in the genus *Elcaribe*. *Brachylinga monensis* (Curran) is synonymized under *Elcaribe abdominalis* (Fabricius) and *B. squamosa* (Hardy) is synonymized under *Elcaribe obscurus* (Coquillett). *Psilocephala platycera* Loew is determined to be an unjustified new name of *Psilocephala laticornis* Loew. *Brachylinga parvula* (Kröber) is placed in the genus *Penniverpa* (Therevidae), and *Brachylinga appendiculata* (Macquart) is determined to be a senior subjective synonym of *Scepsis nivalis* Walker (Tabanidae).

**Key words:** *Brachylinga*, *Elcaribe*, *Lysilinga*, Diptera, Therevidae, stiletto flies, new species, key, morphology, Nearctic, Neotropical

## Introduction

Irwin and Lyneborg erected the genus *Brachylinga* (1981a:232) (Fig. 1) and listed 12 species from the Nearctic Region and the Caribbean. They also indicated that more than 10 species were undescribed and that several species are described from South America. Webb and Irwin (1991:885) moved *B. slossonae* (Coquillett) into the genus *Pallicecephala*. Irwin and Webb (1992:87) moved four Brazilian species of *Psilocephala* (*P. angustata* Kröber, *P. appendiculata* Macquart, *P. fraterna* Kröber, *P. parvula* Kröber) into *Brachylinga* and described a new species, *B. xanthoperna*, from northern Brazil. Metz *et al.* (2003:21) moved eight species of *Psilocephala* (*P. albiseta* Malloch, *P. antennata* Kröber, *P. clausa* Kröber, *P. interrupta* Kröber, *P. ornata* Kröber, *P. ornatifrons* Kröber, *P. punctifrons* Kröber, *P. pygmaea* Kröber) into *Brachylinga*, synonymizing *Psilocephala*