

Phymacysta stysi, a new species of lace bug
from Dominican amber
(Hemiptera: Heteroptera: Tingidae: Tinginae)

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Abstract. One new species of lace bug (Heteroptera, Tingidae), *Phymacysta stysi* sp. nov., is described from the Miocene Dominican amber, and its relationships are discussed. It belongs to the extant Neotropical genus *Phymacysta* Monte, 1942. A key of *Phymacysta* species including the new species and the fossil species of *Leptopharsa* Stål, 1873, from Dominican amber is given.

Key words. Heteroptera, Tingidae, *Phymacysta*, taxonomy, new species, description, new species, comparison, discussion, Miocene, Dominican amber

Introduction

The present paper is a continuation of a series devoted to remarkable fossil lace bug species. Forty of them have been described or recorded so far. Some of them are known mainly from Baltic and Dominican amber (GOLUB & POPOV 1999, WAPPLER 2003), on which the most recent investigations concentrate. Five species of the Tingidae have been described from Dominican amber so far (GOLUB & POPOV 2000a,b, 2003; ARILLO & ORTUÑO 2005): one species of the small Neotropical genus *Eocader* Drake & Hambleton, 1934 (Cantacaderinae), three species (GOLUB & POPOV 2000a,b, 2003) of the large extant genus *Leptopharsa* Stål, 1873 (Tinginae) (DRAKE & RUHOFF 1960, 1965), which contains over 100 mostly Neotropical species but has been recorded also from North America, South Africa, and Australia (DRAKE & RUHOFF 1965), and one species from another large genus *Stephanitis* Stål, 1873, numerous species of which are widespread throughout the Neotropic, Nearctic, Palaearctic, Oriental and Australian Regions (DRAKE & RUHOFF 1965). The additional new species described here