

**THE GENUS *NEONEURA*, WITH KEYS AND DESCRIPTION
OF A NEW SPECIES, *NEONEURA JURJITZAI* SPEC. NOV.
(ZYGOPTERA: PROTONEURIDAE)**

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A synopsis of all 23 spp. includes keys to both sexes, based primarily on caudal appendage morphology in males and morphology of the hind lobe of the prothorax in females, diagnoses, distributional notes and diagnostic illustrations. *N. jurjitzai* sp.n. (holotype ♂: Brazil, Santa Catarina state, Nova Teutonia, 5-XI-1942, in UMMZ) is described, and the ♂ and ♀ of *N. rufithorax* Selys are described based on specimens from Peru.

INTRODUCTION

The genus *Neoneura* was first proposed by SELYS (1860) to include two new species, *N. rubriventris* and *N. bilinearis*. Later, SELYS (1886) expanded the genus to include eight species, of which four were new. CALVERT (1903, 1907) described three species (*N. aaroni*, *N. amelia*, and *N. paya*) from southern Texas, Mexico, and Central America. WILLIAMSON (1917), in his seminal revision monographed all known species, described six new species, and included diagnostic illustrations of all known species. It is the only paper which attempted to key all species. Besides the illustrations, the work is valuable for Williamson's attempt to determine the identity of some of the poorly known Selysian species. Although Williamson keyed the males for all species, he did not have material of *N. rufithorax* Selys or *N. waltheri* Selys. At about the same time, KENNEDY (1917) illustrated the penes of all known species. Since Williamson, a few isolated descriptions of species have been added (RÁCENIS, 1953, 1955; MACHADO, 1975; and DE MARMELS, 1989).

I describe a new species, *N. jurjitzai*, and provide illustrations of the caudal appendages for all species known to me. I have not been able to see specimens of *N.*