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The Xyleborini, a large tribe of ambrosia beetles with ~1,200 species within the subfamily Scolytinae, includes some of the most destructive and invasive beetle pests of trees. They carry nutritive symbiotic fungi which they grow in tunnels bored into almost any tree species.

Only a single inbred female is needed to establish a population. These characteristics make them perfect colonizers. Over 30 species are now established out of their native ranges and some cause irreparable economic and ecological damage. Most of these species originate from Southeast Asia. The lack of comprehensive identification tools hampers efforts to identify this fauna making rapid response to new invasive species difficult. In this first monograph to the Indochinese xyleborine ambrosia beetle fauna, we review, illustrate, and key 34 genera and 315 species including descriptions of 63 new species. Along with its electronic auxiliary resources, this monograph helps to alleviate impediments to the identification of xyleborine ambrosia beetles.

A MONOGRAPH OF THE XYLEBORINI (COLEOPTERA, CURCULIONIDAE, SCOLYTINAE) OF THE INDOCHINESE PENINSULA (EXCEPT MALAYSIA) AND CHINA by Sarah M. Smith, Roger A. Beaver, Anthony I. Cognato

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Anisandrus longidens (Eggers, 1930)

ZooKeys 983 ♦ 2020 **Special Issue**

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