

Evaluation of natural enemies in controlling of the banana weevil borer *cosmopolites sordidus* Germar in west Sumatra

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Abstrak

The Banana weevil, *cosmopolites sordidus* Germar, is an important pest of highland banana and plantain in Africa, but it exists in low densities in presumed area of origin in southeast Asia such as in Indonesia. This suggests a possible existence of effective co-evolved natural enemies in the origin area of Indonesia, especially West Sumatra. The objectives of this study were: 1. to evaluate banana weevil pest status at selected sites in west Sumatra, 2. to survey parasitoids and predators, and 3. to determine the control potential of the most important natural enemies.