Intercept™ Panel Trap, Modified for Monitoring Forest *Cerambycidae* Coleoptera*

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Abstract

The Intercept™ Panel Trap, was modified and field tested for enhanced monitoring of forest Coleoptera, and especially for Cerambycidae. The trap is made from corrugated plastic. It is light-weight, water proof, and durable. Trap efficacy was measured in comparison to the 12-unit funnel trap and the original panel trap design. Captures of longhorn beetles were significantly higher in two modifications of the new prototype of the Intercept panel trap than in the old version of the trap or the Funnel trap. The best performance of the Intercept panel trap for monitoring longhorn beetles was achieved by using: 1) trap with 5 cm hole in the collecting funnel, 2) wet-cup option of collection cup, and 3) increasing the slipperiness of the trap surfaces.