





Technical Bulletin for: Striped Ambrosia Beetle

Trypodendron lineatum (Olivier) • Coleoptera, Scolytidae • TRYLIN



DISTRIBUTION	Throughout North America – from Alaska and Newfoundland to New Mexico and North Carolina
HOSTS	Any species of conifer is a potential host. Preferred hosts include Douglas-fir, hemlock and spruce.
DESCRIPTION	
Adult Moth	Dark brown to black. Females and males differ in size and sculpture. Length is 3mm – 3.5mm in females and 2.7mm – 3.2mm in males.
Larvae	Non-descript small white grubs.
Eggs	Eggs are laid in galleries tunneled deep into the wood.
LIFE HISTORY	Adults over winter in the forest diff or in bark crevices. In spring at temperatures >15°C, adults fly from diff in search of host material. Mating takes place on the surface of the bark after which the females bore into the log to form galleries. Oviposition begins in spring in the first two weeks of gallery construction. Eggs are laid singly in cradles cut on both sides of the gallery. Larvae hatch in 10 days and pupation occurs in a month's time. New adults emerge from the gallery cradles in two months. In mid to late summer (from July through September), the adults emerge from the host logs and fly to nearby forest margins in search for hibernation sites and over wintering for 7-11 months. There is only one generation per year but sometimes vigorous adults may re attack and deposit eggs for a second late season generation.

MONITORING INFORMATION

LURE ACTIVE INGREDIENTS, SUBSTRATE & FIELD LIFE	Lineatin s in a plastic vial. Lure longevity: Fourty-five (45) days.	
TRAP TO USE	Panel Trap	
MONITORING STRATEGY	Trapping of adult beetles at log storage sites (typically mill yards) using pheromone-baited traps deployed every 100 feet around decks is effective. Traps have to be serviced at least weekly to empty the catch basin. Check with local forester for more information and recommendations.	
CULTURAL & PHYSICAL CONTROL	Have rapid turnover of high-value logs. Avoid storing fall and winter-cut logs. Store logs in ponds or water mist storage decks. Store green lumber away from log storage areas, debris, and tree lines. Locate sort yards away from forested areas. Remove breeding and overwintering sites near sort yards.	

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