





Technical Bulletin for: Horse Chestnut Leafminer

Cameraria ohridella (Deschka & Dimić) • Lepidoptera, Gracillariidae • CAMOHR



DISTRIBUTION	Most of Central Europe, the Mediterranean, the Balkans, and Russia.
HOSTS	Common Horse Chestnut, Norway Maple, Sycamore Maple, Red Buckeye.
DESCRIPTION	
Adult Moth	Up to 5 mm, forewings bright brown with thin silvery stripes, and the hindwings are dark gray with long fringes.
Larvae	0.5 mm long during 1 st instar, 3.5 mm long during 4 th instar. Larvae are greenish-yellow and translucent,
Eggs	White and are 0.2-0.4 mm
LIFE HISTORY	Adults appear from April onwards, emerging after overwintering as pupae in leaf litter, and will subsequently mate during the early mornings. Between May and August, females will lay between 20-40 eggs near or along the lateral veins of horse chestnut leaves. From here, these eggs will take 2-3 weeks to hatch. The larvae tunnel or 'mine' into the leaves, living between the two epidermis layers (outermost layers of the leaf), eating the contents between, producing the symptomatic brown patches on the host leaves. Larval development can take up to 4 weeks to complete before pupal development occurs, where a silken cocoon is formed inside the mine, and adults will emerge around 2 weeks later to repeat the cycle. Up to 5 generations can be completed, depending on temperature.

MONITORING INFORMATION

LURE ACTIVE INGREDIENTS, SUBSTRATE & FIELD LIFE	EZ-8,10-14Ald on a Red Rubber Septum. Lure longevity: 30 days. 
TRAP TO USE	Red Paper or Plastic Delta Trap 
MONITORING STRATEGY	Hang traps in or near host trees at the end of March. Check with Cooperative Extension or Master Gardener for local information and recommendations.
CULTURAL & PHYSICAL CONTROL	Clear and burn dead leaves before the end of March, when adults emerge.

Alpha Scents, Inc.
insect monitoring systems

Alpha Scents, Inc., 360 S. Sequoia Pkwy. Canby, OR 97013
TEL: 503-342-8611 • FAX: 314-271-7297 • sales@alphascents.com • www.alphascents.com