Elongate Hemlock Scale

Figure 1. Elongate hemlock scale on the lower needle surface of hemlock. The waxy cover of the female and male are greatly enlarged on the left.

Lower Surface of Hemlock Needles

Nymphs and adults of elongate hemlock scale, *Fiorinia externa*, on the lower surface of hemlock needles.

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Newly settled nymph

Male coccoon

Female waxy coating

Photo by
Michael Masiuk
www.woodypests.cas.psu.edu
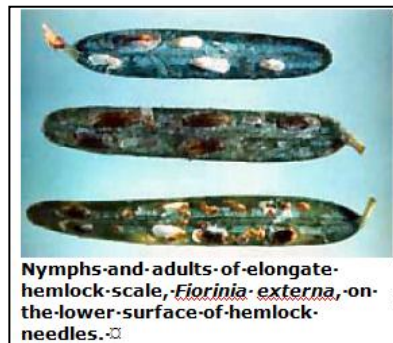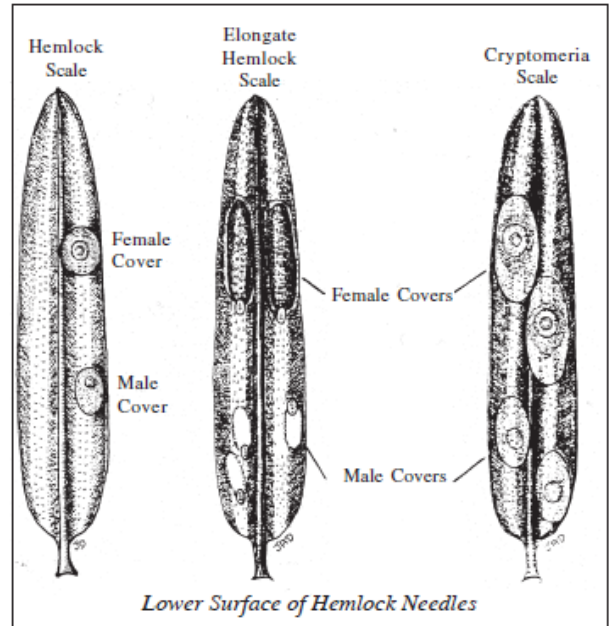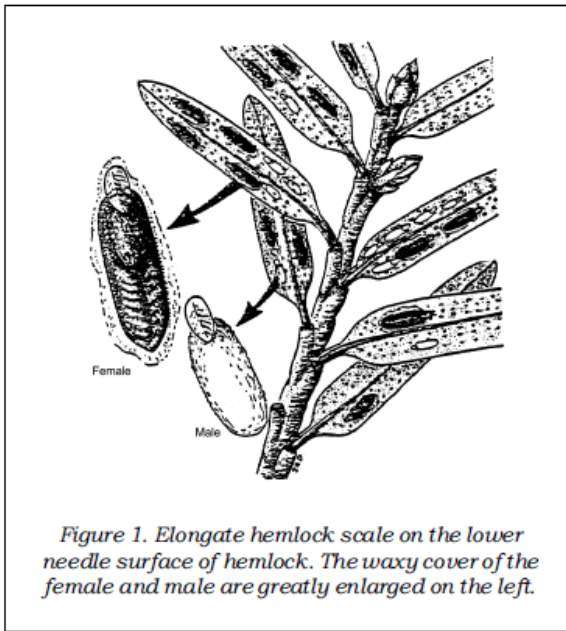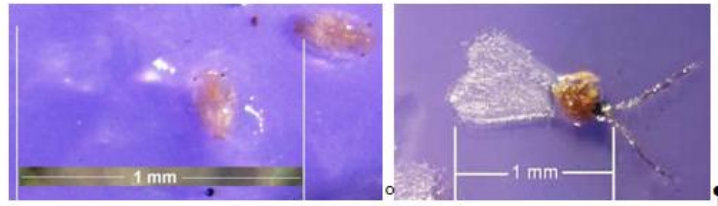
Adult of the aphelinid parasitoid, Aspidiotiphagus citrinus.

Crawlers (left) and adult males (right, only winged form):
Note: The insects pictured below are trapped in petroleum jelly.

1 mm

1 mm

Crawlers (~0.1 to 0.2 mm)

Adult of the twice-stabbed ladybird beetle, Chilocorus stigma.

Damage to hemlock caused by elongate hemlock scale.