

# Case-making Clothes Moth Lure



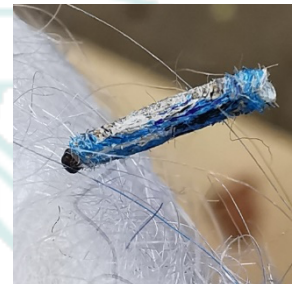
The bullet lure is designed to monitor and trap adult male moths of the Case-Making or Case Bearing Clothes Moth (*Tinea pellionella*).

## Biology

The adult moths are small (5-7mm long). The adult moths are similar to those of Webbing Clothes Moths but may show dark spots on the wings, are silvery grey to shiny light brown in colour, with dark greyish hairs on the top of its head. The larva spins a cocoon around itself, leaving the ends open so that it can use its jaws and legs. It then eats as it crosses the material carrying its case with it (hence the name case-making or case-bearing). In so doing, the larvae leave a trail of grazed textile or fur with some fragments of excreta or frass. Unlike webbing Clothes Moth, the frass is loose and appears like small pellets.



The larva moults within the case and when fully grown it pupates within the cocoon and eventually the adult moth emerges to mate and lay eggs. Empty or 'discarded' cases can still be found after the adult has flown indicating its previous presence. One generation, from egg to adult, normally takes a year to develop with the adults flying in the summer months. In heated buildings, two to three generations can develop in a single year. Development is delayed by temperatures below 12°C. They can, however, survive in low relative humidity. Clean material is less vulnerable to attack than soiled and good housekeeping measures, hot washing (at 50°C) and dry (solvent) cleaning are effective control measures. A cool, clean, dry environment is the best method of preventing infestation.



## Trapping and using the Case-Making Clothes Moth bullet lure

To capture moths, lures should be placed into our B&W Delta Trap. To set the trap, peel off the cover paper to reveal the glue surface, remove the lure from the sachet and place onto the glue surface, on the middle floor section. Fold and assemble into a tent shape and place in the area of moth activity. Case-Making Clothes Moths are more active fliers than the Webbing Clothes Moths so chose a variety, of easy to examine heights, to locate traps.

Change the lure and trap every 3 months or sooner if the glue surface has become inactive due to dust. Store unused traps in a cool dark place until needed. The lures are packaged individually and should be kept in a refrigerator to guarantee long life of up to two years.

