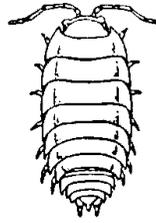
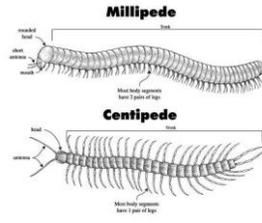


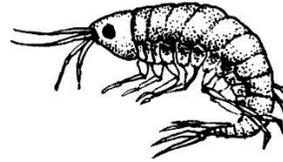
DOORYARD PESTS



WIDOW SPIDER
(Black & Brown)



SOWBUG



AMPHIPOD



SPRINGTAIL

Spiders: Dangerous venomous spiders in Hawaii include the black widow spider, brown widow spider, pale leaf spider, and a relative of the brown recluse spider. These venomous spiders are shy creatures and will not aggressively attack people. Most spider bites occur as defensive reactions to being accidentally touched or crushed by people. Spiders found around homes usually harbor in undisturbed protected places. The occasional spider is easily eliminated by crushing with a broom. Aerosol insecticides labeled for spider control work best when sprayed directly on the spider.

Centipedes: Centipede problems usually occur after heavy rains when flooding forces them to seek shelter in homes. Caulking of spaces between walls and concrete floor slabs of poorly constructed homes will prevent their entry. Permanent control is achieved by removing rocks, wood piles, and other trash near your home to eliminate their harborage sites.

HOW TO DISCOURAGE CENTIPEDES FROM ENTERING

Centipede Prevention

Centipedes attack and eat insects that live in or on the ground, including the large outdoor cockroaches. A favorable habitat for insects can be found wherever objects are in contact with the ground, such as under boxes, lumber, hollow tile, plastic bags of material, or under trash. Insects are attracted to these kinds of hiding places. As centipedes wander around looking for insects, they accidentally enter homes through cracks and crevices or under doors.

Centipedes can be prevented by keeping stored items raised off the ground. Keep foundation and doorway areas free of stored materials, trash and weeds. Relocate stored materials away from the house. Install weather stripping under exterior doors where cracks exist. Caulk cracks and crevices around pipes and other openings. Remove stored items from ground contact around doorways and foundation areas. Also remove weeds and trash.

Millipedes: Millipedes become abundant in damp areas with large amounts of decaying leaf litter or other vegetation. Removing the decaying vegetation usually gives permanent control. A residual pesticide application between the breeding site and home gives temporary relief when the breeding areas cannot be eliminated or treated. Consult your garden shop for an insecticide labeled for millipede control.

Sowbugs: Breeding sites and control methods are similar to that of millipedes.

Amphipods: This small shrimp-like animal sometimes invades homes during heavy rains. Although it requires damp locations for survival it cannot survive in excessive moisture. Dead amphipods become pink, and bear a resemblance to cooked shrimp. Removal of vegetation next to the home gives permanent control.

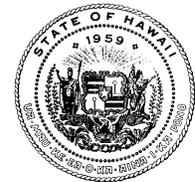
Springtails: These very tiny insects live in damp locations and feed on mold, fungus, and rotting vegetation. Problems occur when springtails are found floating in large numbers in swimming pools. Overwatering of lawns and vegetation next to swimming pools is usually the cause of springtails in swimming pools. Springtail problems usually disappear when overwatering is stopped.

CAUTION: *Certain pesticides and their solvents may cause respiratory irritation. Persons with respiratory diseases should consult their physicians before using any pesticide. IT IS A VIOLATION OF FEDERAL LAW IF PESTICIDES ARE NOT APPLIED EXACTLY AS THE LABEL DIRECTS.*

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