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A "Green-Shield Certified" Company

## Arrow Exterminating November 2011 Bug Bytes

Brown

### Fall Invaders

When daylight hours recede and temperatures begin to drop it signals changes in wildlife behavior. Plants and animals react to seasonal changes as they have for millions of years. Plants are preparing themselves for the rigors of winter on Long Island. Animals too are preparing for winter. Every species has their special way of surviving the winter. Many adult insects seek shelter from the winter by entering buildings and other structures. When they find a suitable shelter they become inactive. During this period of inactivity, they do not feed or reproduce. They remain inactive until spring arrives. So what's wrong with this behavior? When groups of insects are discovered crawling, flying and collecting inside living spaces it becomes extremely unsettling for most people.

On Long Island, there are 5 fall invaders that generate the majority of calls to our offices. These are, in no particular order, Western Conifer Seed Bug, Ladybugs, Cluster Flies, Box Elder Bugs and a new invader, the Brown Stinkbug.

The most effective way to avoid problems with these pests is to prevent them from entering the home in the first place. This is easier said than done. Denying access to your home begins with having proper screening on all windows, doors and ventilation openings. Sealing gaps in roofing and siding is also necessary but can be extremely difficult. Keeping trees and shrubs trimmed away from the house will also help. Using yellow "bug lights" in outdoor light fixtures will also help. These yellow bulbs are less attractive to these insects. Beyond these measures, there are few other options. Using pesticides may provide some additional protection but not much. All these invaders can fly and this makes them less likely to contact a pesticide treated surface.

Finally, if you find these fall invaders in your home, use a vacuum cleaner to remove them and then seal and discard the bag. Clearly, there are special circumstances where a pest management professional can be of added assistance. Applications of a pesticide in non-living spaces inside the home may be considered to mitigate heavy infestations of fall invaders. Installing insect light traps in attic spaces has also helped to mitigate large infestations of Fall Invaders.

Mike Deutsch M.S., B.C.E.,  
Board Certified Entomologist and Industrial Hygienist

**BROWN MARMORATED  
STINK BUG**



**LADY BUG**



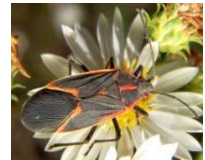
**CLUSTER FLY**



**WESTERN CONIFER**



**BOX ELDER**



### We Need Your Help

Join us in our efforts to bring some relief and joy to those in need during this holiday season. Throughout the year **Arrow Exterminating Co., Inc.** has always had a proud tradition of supporting the community. During this holiday season, we are offering our customers the opportunity to share with us in our support.

**Help us collect canned food and good used coats for families in the community.**

If you're interested in joining us in an effort to help our neighbors, please just

**Give your contribution to your service technician and we'll take care of the rest.**