Welcome to our new newsletter for current issues in the landscape and garden. This newsletter is aimed at the home horticulture/master gardener audience. Mary Kay Malinoski and Dave Clement are coordinating it and please send any contributions to us.

Insects and Other Pests by Mary Kay Malinoski, Extension Specialist, Home and Garden Information Center

Where did summer go! Japanese beetles have been everywhere and are just about finished. Had enough already…we have.
Here are some good guys to watch out for in your landscape

Wheel bug chowing down on a Japanese beetle. At least something is eating them.

Wheel bug on the hunt for lunch

Assassin bug nymph…good guy!

Scoliid wasp, a parasite of white grubs which includes Japanese beetles! You may see them flying over your lawn. Let them do their job. The do not sting. Plant mid to late season flowering plants like goldenrod which they really seem to like. This one happens to be on an allium.
Spiny assassin bug nymph….look at those front legs!

Syrphid fly is a good fly

Tumbling flower beetle on lizards tail

Cute spider!

Sand wasp digging on a ball field. It is a predator of stink bugs and related true bugs…so leave them alone!

A flower longhorned beetle

8/20/2014
Locust leafminer causes all of the black locust to turn brown and look terrible all summer. The trees will out-grow the damage. Don’t worry about it.

Locust leafminer damage from larval feeding

Adult locust leafminer and feeding damage

Chrysanthemum lace bugs on goldenrod. Who knew lace bugs got on perennials

Upper leaf surface showing feeding damage

Lower leaf surface with lace bugs and fecal spots or poop!
**Old Four-lined plant bug** damage is evident on many herbaceous plants. The bugs are long gone and the plants will outgrow the damage. A nymph in the photo on the left is feeding on thistle and the damage is evident as spots. On the right is old damage on ornamental elderberry.

**Don’t forget to keep an eye out for emerald ash borer!** Those purple traps are for surveying for this very destructive invasive pest.

Please consider downloading our new invasive app (MAEDN) and use it to report emerald ash borer (and many more invasives). It can be downloaded at: [http://apps.bugwood.org/mid_atlantic.html](http://apps.bugwood.org/mid_atlantic.html) or through the Google Play store for Android or the app store for IPhones Just search on MAEDN for the app. Keep an eye out for them around your ash trees and report them if you see them, especially on the Eastern shore of Maryland. Call 1-800-342-2507
Here are some cool tree hoppers. They often resemble bits of bark, thorns or other plant parts. Always check out plants or trees when you see ants trailing up and down them to see what is going on.

Locust tree hoppers being tended by ants

Another tree hopper with nymphs (red arrow) and adults (black arrow) on sunflower. They caused scorching of the leaves.

Whiteflies have been causing damage on many garden plants!

Whitefly damage to salvia

Whitefly adults and nymphs on the underside of the leaf

8/20/2014
Here are a few other critters out and about

Oriental beetles feeding on lizards tail

Walnut sphinx moth (we think) just hanging out

Earth boring scarab beetle

A flatid plant hopper on black locust. Check out the yellow eyes.

Leaf cutter bee damage on locust

Leafhopper damage

8/20/2014
Diseases by David Clement, Extension Specialist, Home and Garden Information Center. With all of the rain it has been a great year for landscape diseases. If that’s your thing!

It has been a tough year for pesto!! Downy mildew on basil (and flowers) seems to be everywhere. Here are some pictures to get you depressed.

Downy mildew symptoms on sweet basil

Spores visible on lower surface

Symptoms on Thai Basil

Symptoms on globe basil
Downy mildew on coleus

Downy mildew on Rudbeckia

More diseases for your viewing pleasure……..

Grey mold on a lily flower

Gray mold taking out the leaves on lily

Powdery mildews, look for resistant varieties
Powdery mildew on monarda

On gerbera daisy

On lilac

Pear trellis rust, a relatively new cool rust on pear

Symptoms on dogwood

Symptoms on upper side of pear leaf

Early symptoms on lower side of leaf

Cedar quince rust on Bradford pear (too bad it isn’t lethal)

Rust on Amsonia
Cladosporium leaf blight on peony
Phoma on clematis
Cercospora leaf spot on rose
Entomosporium on photinia
Going down, down down…..
Root rot on vinca
Crown rot on liriope
There is not much you can do for root or crown rots. Make sure that you have good drainage and have a replacement plant ready.

Here is a twofer on day lily, a disease and an insect.

Day lily leaf streak

Day lily leafminer

How could we forget fireblight!

On hawthorn

On crabapple

Enough of the dead stuff already!
**Diagnostic tip:** When you see damage in a tree canopy, look down. The damage may be at or below your feet. Look for too much mulch, planting too deep, compaction, construction damage, and other issues like the one below.

![This tree is showing dieback and off color.](image1)

![After excavating the base, it was discovered that whoever planted the tree never removed the nylon twine on the burlap. The twine eventually girdled the tree.](image2)

**More neat stuff!!**

![Honey bee swarm on a fence post. You don’t see bee swarms every day.](image3)

![Relatively new Eastern tent caterpillar egg mass on a crabapple](image4)
Last but not least, butterflies are back!!!!

Monarch on joe pye weed

Eastern swallowtail on joe pye weed

Make sure to keep flowering plants around until frost takes them out. Salvias are a great choice and hummingbirds love them. Can’t beat “Little Joe” joe pye weed and dwarf varieties of golden rod.

Pearl crescent (best guess)

Please send all submissions, including photos to Mary Kay Malinoski, mkmal@umd.edu or to David L. Clement, clement@umd.edu. Thanks and please contribute!

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