Some Bugs and Blights of July-August
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**Heuchera rust** (top of leaf)
Small spots will increase and under moist conditions entire plants will "melt-down".

**Heuchera rust** (back side of leaves)
Remove infested leaves and remove the leaves; mulch the ground to prevent spores from blowing back onto the plant.

**Potato flea beetles** *Epitrix cucumeris, E. subcrinita, E. parvula* Beetles in yellow circle are about the size of coarse pepper; note tiny holes in leaves.

**Potato flea beetles** can be abundant and very damaging to tomato, potato and other nightshade family plants. (Photo from http://ento.psu.edu/extension/factsheets/flea-beetle).

**Unknown Cimbicid sawfly**, note clubbed antennae and thumb-sized adult; similar to elm sawfly. Non-

Daylily gall midge: tiny white maggots feed inside bud causing the bud to be distorted.

July 2011
*Sting.*

**Currant sawfly eggs**

**Currant sawfly first hint of hatching**

**Currant sawfly — early instar feeding**

**Currant sawfly (Nematus ribesii)** mature larvae (note tail end can curl up like a monkey tail) and adult. Sawflies are fussy eaters and host specific.

**Currant sawflies** are gregarious feeders. Though called caterpillars BT doesn't work on these members of the bee family. Look for a product to control sawflies or slugs (not real slugs). There is a sawfly specific to many hosts.

**PNW Insect Management Handbook**

http://uspest.org/pnw/insects

Select host, then pest

**PNW Plant Disease Management Handbook on Line**

http://plant-disease.ippc.orst.edu/intro.aspx

Read and Follow all pesticide label directions; they are your legal document for safe use of the product for your own health and that of the environment.

**Hortsense**

http://pep.wsu.edu/hortsense/

Select host category (small fruit), then select specific plant (currant & gooseberry), then select insect, then imported currantworm

**Google Images:** key word plant and pest group or name of insect or disease

**Keep pesticides off blooming plants** (where it may contaminate pollen and be picked up by bees and kill off the hive, or enter water and damage fish or the insect food they need to thrive.)

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July 2011