

Next Meeting: Bugs and Slugs



Bugs & Slugs: How it Works

- Club research mini-project on insects and other pests
- Members sign up to research a bug
 - Research online, in encyclopedia, or from your head!
 - Prepare 1 or 2 slides
 - Slide templates will be provided
 - Brad will assemble the presentation for March meeting
 - Each member briefly presents their info
 - Just like we did for our Member Slide Show in the Fall

Bugs and Slugs List

- **Brown Marmorated Stink Bug**
- **Emerald Ash Borer**
- **Grubs (larval stages of June Bugs)**
- **Slugs**
- **Leather Jackets (Daddy Longlegs larvae)**
- **Aphids**
- **Lady Bugs**
- **Fire Ants**
- **Native Nova Scotia Butterflies**
- **Honey Bee**
- **Dragon Flies**
- **Earwigs**
- **Lily Beetle**

Sign-up and Procedure

- 1. Pick a bug and sign up on Brad's sign-up sheet.**
- 2. Research it**
- 3. Fill in the template Brad will have emailed to you**
- 4. Email the completed slides to Brad by March 20**
- 5. Present it for a few minutes next meeting**
 - The next four slides show an example and the template**

Emerald Ash Borer

Agrilus planipennis



- Adult female lays 100's of eggs in bark of Ash.
- Eggs hatch in 2 weeks. Larvae bore into new wood and feed until fall. Overwinter in sapwood.
- Adult emerges in warm weather forming D-shaped exit holes.
- Migrate (fly up to 0.8km)
- Very Invasive species (Asia).
- Threatens all North American Fraxinus genus (Ash trees)
- Spread in infected firewood
- Has not reached NS but moving from US/Ontario.

Emerald Ash Borer



- Eleven-year cycle: from introduction to large-scale ash death
- Chemical control: **TreeAzin**
 - Only known effective treatment (must be applied by Arborist (every 2 years))
- Possible biological control: parasitoid wasps:
 - *Tetrastichus planipennisi*
 - *Oobius agrili*
 - *Spathius agrili*
- Precautions:
 - Do not bring in wood from infected regions
 - Assess number and health of Ash trees on property
 - Avoid new plantings of Ash trees

Bug Name Here

Latin Name Here

- Other common names:
 - Ugly Bugly
- Seasons:
 - When present in NS
- Stages of life:
 - Adult, larvae, etc.
- Natural predators or prey:
 - Birds, aphids, etc.



- Here, put a text description of how one identifies the bug: stripes, spots, colours, distinguishing features, and so on.

Bug Name Here

- **Benefits / Problems in garden**
 - **Example: Keeps soil healthy**
 - **Example: Kills grass**
- **Plants Affected (hurt/helped)**
 - **Example: Eats leaves on Oriental Lilies**
 - **Example: Promotes flowers on Peonies**
- **How to tell if they are in your garden and how to remove them**
 - **Chemicals? Natural/ecological ways?**
- **Other notes, behaviours, etc.**