

## Hosted Species



**Pennsylvania Firefly**  
*(Photuris pensylvanica)*  
PA State Insect



**Common Eastern Firefly**  
*(Photinus pyralis)*



**430 E Main Street**  
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**mcmullenhouse.com**



## **Garden Shop**

**Invite a Pollinator to Lunch**



## **Moss Lawn**

**Provides habitat for larvae**  
**of the Pennsylvania Firefly**  
***(Photuris pensylvanica)***

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## 2 Main Types of Moss

- **Acrocarps:** “mounding moss” – more tolerant of dry conditions. These mosses are slow growing and need drying time.
- **Pleurocarps:** “flat moss” – likes cool and wet places and tolerates partial sunlight. These mosses are faster growing.



Pleurocarp Lawn



Acrocarp Lawn

## Benefits to the Garden

- Moss provides a substrate for nitrogen fixing bacteria, which release nitrogen in the soil.
- Mosses help protect the soil from extreme temperatures and help in moisturization.

## Facts about Moss Lawns

- Moss can grow in poor soil and does not require fertilizer, pesticides, or mowing.
- Moss does not need irrigation.
- Moss tends to keep other plants out and is therefore self weeding.
- Moss can stay green even in the winter.
- Moss tends to like shady areas, but can also handle sun.
- Moss can help with erosion.
- Moss can act as a carbon sink.



## Facts about Fireflies

- Fireflies produce the most efficient light (100%) on earth with luciferase and luciferin (same as the “foxfire” fungus).
- The larvae are called glow-worms
- Fireflies like moss because their prey, slugs, snails, and earthworms, are there.



Fire Moss (*Ceratodon purpureus*)  
A moss that grows in the sun.

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