

## **Frigid Ambersnail** ***Catinella gelida***

**Habitat Preference:** Cold, undisturbed, well-forested Algific slopes.

### **Threats:**

- Human disturbance of slope habitat
  - Overgrazing
    - Causes compaction of the vents which prevents the cold air flow the snails are dependent upon.
    - Directly crushes individuals.
  - Logging
    - Causes compaction of the vents which prevents the cold air flow the snails are dependent upon.
    - Causes erosion
    - Causes fragmentation that further isolates the populations
    - Creates a loss of shade which creates warmer and drier conditions.
    - Contributes to direct harm from falling or removing logs.
  - Road Construction
  - Quarrying
  - Foot traffic
  - Pesticides
- Human disturbance of sink holes that feed the slopes
  - Filling in of sink holes
- Invasion of non-native species; especially garlic mustard.

### **Appropriate Practices:**

- Fencing to exclude grazing.
- Do not spray pesticides aerially within 100 yards of known habitat or ground spray within 20 yards of known habitat.
- Buffer sink holes to prevent them from filling with sediment.
- Limit human access to areas known to harbor Frigid Ambersnail.