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16 June 2010,  
[https://commons.wikimedia.org/wiki/File:Cepaea\\_ne\\_moralis\\_edit.jpg](https://commons.wikimedia.org/wiki/File:Cepaea_ne_moralis_edit.jpg)

# Terrestrial Invertebrates and Plant Disease-Causing Organisms

## Species Assessment Group

Coordinator: Becky Gray, WDNR



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WISCONSIN INVASIVE SPECIES COUNCIL

# SAG Composition



Fitchburg Urban Forestry





# Overview of SAG

- Potentially invasive terrestrial invertebrates and plant disease causing organisms



# Avoid Layers of Regulation

- Quarantine issued to prevent introduction and spread of insects, other terrestrial invertebrates, or disease-causing organisms
- Quarantine takes precedence over NR40
- Listing a species in NR40 causes regulatory confusion and unnecessary burden when a quarantine is suspended or ended in an area of the state
- Most of the species assessed by this SAG already have regulations in place by state and federal agencies

# Changes to Currently Regulated Species

Asian long-horned beetle (*Anoplophora glabripennis*)

- Current Regulatory Status:  
Prohibited
- Proposed Regulatory Status:  
Unregulated
- Justification:
  - Already regulated by federal and state quarantine – avoid conflict with primary regulation



# Changes to Currently Regulated Species

Emerald ash borer (*Agrilus planipennis*)

- Current Regulatory Status: Restricted
- Proposed Regulatory Status: Unregulated
- Justification:
  - Already deregulated by state and federal quarantine – avoid conflict with primary regulation





# Changes to Currently Regulated Species

Hemlock woolly adelgid (*Adelges tsugae*)

- Current Regulatory Status:  
Prohibited
- Proposed Regulatory Status:  
Unregulated
- Justification:
  - Already regulated by external state quarantine – avoid conflict with primary regulation



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# Changes to Currently Regulated Species

Mountain pine beetle (*Dendroctonus ponderosae*)

- Current Regulatory Status: Prohibited
- Proposed Regulatory Status: Unregulated
- Justification:
  - Already regulated by external state quarantine – avoid conflict with primary regulation



Donald Owen, California Department of Forestry and Fire Protection, Bugwood.org



Javier E. Mercado, Bark Beetle Genera of the U.S., USDA APHIS PPQ, Bugwood.org



# Changes to Currently Regulated Species

Spongy moth, European and Asian subspecies (*Lymantria dispar*)

- Current Regulatory Status:  
Prohibited – Asian  
Restricted - European
- Proposed Regulatory Status:  
Unregulated
- Justification:
  - Already regulated by federal quarantine – avoid conflict with primary regulation



# Changes to Currently Regulated Species

Sudden oak death pathogen  
(*Phytophthora ramorum*)

- Current Regulatory Status:  
Prohibited
- Proposed Regulatory Status:  
Unregulated
- Justification:
  - Already regulated by external state quarantine – avoid conflict with primary regulation



# Changes to Currently Regulated Species

Thousand cankers disease of walnut  
(*Geosmithia morbida*)

- Current Regulatory Status:  
Prohibited
- Proposed Regulatory Status:  
Unregulated
- Justification:
  - Already deregulated by rescinding (or elimination) of the external state quarantine in 2023– avoid conflict with primary regulation



Elizabeth Bush, Virginia Polytechnic Institute and State University, Bugwood.org

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# Changes to Currently Regulated Species

Walnut twig beetle (*Pityophthorus juglandis*)

- Current Regulatory Status: Prohibited
- Proposed Regulatory Status: Unregulated
- Justification:
  - Already deregulated by rescinding (or elimination) of the external state quarantine in 2023– avoid conflict with primary regulation



# Newly Proposed for Regulation

Beech leaf disease nematode  
(*Litylenchus crenatae* n. sp. *maccannii*)

- Proposed Regulatory Status:  
Prohibited
- Justification:
  - Low resistance to infestation
  - Easy to survey
  - Rapidly spreading eastward
  - Control and mitigation unlikely to be successful



# Newly Proposed for Regulation

Escargot snail (*Helix pomatia*)

- Proposed Regulatory Status: Restricted
- Justification:
  - Present in the state since early 20<sup>th</sup> century
  - Negatively impacts native species
  - Control and mitigation is possible





# Newly Proposed for Regulation

Grove snail (*Cepeae nemoralis*)

- Proposed Regulatory Status: Restricted
- Justification:
  - Challenging to control
    - Can't be controlled with nematode as other snails are
  - Attractive shells could increase potential to be spread by humans.
  - Negatively impacts native species



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# We want to hear from you!

- You can leave questions or feedback online via the survey on the council webpage, by emailing [DNRIInvasiveSpecies@wisconsin.gov](mailto:DNRIInvasiveSpecies@wisconsin.gov) (include NR40 in subject line), or by calling Mackenzie Manicki (WDNR) at 608-206-4561.
- Questions and feedback will be addressed in a document and posted on the council webpage. You will receive an email notification when this document is posted.
- Thank you for your participation!