

# **Aquatic Invasive Species Field Guide Mystery Snails in Oneida County**

#### **Invasive**

### **Chinese Mystery Snail**

Cipangopaludina chinensis

- Shell opening (aperture) round to oval with a black pigmented lip.
- Shell has rounded shoulders and broader shape
- Outer shell surface is light to dark olive-green, without any color bands
- Whorls are strongly convex, with a very slight v-shaped shoulder, and the suture is deeply indented
- Shell sculpture consists of fine growth lines, spiral lines and fine to moderate malleations over the entire surface.
- Operculum with a sub-marginal (located nearer the outer lip) nucleus

#### **Invasive**

#### **Banded Mystery Snail**

Viviparus georgianus

- Shell opening (aperture) and operculum nearly circular operculum with a concentric (central) nucleus
- Outer shell surface brown to tan with 4 bands
- Shell interior usually white or with a purplish hue
- Shoulders between shell whorls weak, sutures are indented. 38mm.
- V-shaped line from shoulders to base of operculum

## Native Brown Mystery Snail

Campeloma decisum

- Outer shell surface greenish in color with no banding
- Shell interior white to light blue.
- Shoulders of whorls rounded and distinct from previous whorl sutures that separate whorls are indented
- Smooth with no sculpturing other than fine stripes
- Diagonal shaped line from shoulders to base of operculum



All three snails have different sculpted indents (see red arrows)

Developed by: Oneida County Land & Water Conservation Department's Aquatic Invasive Species Program (2023)