

## Sample Poster

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# ***Utah's Most UN-Wanted***

*Potamopyrgus antipodarum*



Alias: New Zealand Mudsnail

**Why unwanted:** The New Zealand Mudsnail outcompetes native invertebrates for food and space because its population densities exceed 100,000 individuals per square meter. The Mudsnail can consume up to 75% of the gross primary production. This species has recently been seen biofouling, or accumulating in overwhelming numbers, in wetland areas.

**Description:** Small (<5mm), invasive, hydrobiid snail. It has an elongate, dextral shell that varies in color and typically has 5 to 6 whorls at maturity.

**Originally from:** New Zealand

**Sightings:** The New Zealand Mudsnail has been sighted in Australia, Europe, Asia and North America. In Utah, New Zealand Mudsnails are found in most of the major river drainages of the northern part of the state and in the Green River.

**Mode of transport:** The New Zealand Mudsnail is known to spread through the commercial transport of aquaculture products, independent locomotion upstream, recreational equipment, and the alimentary canals of fish.

**Threat:** This invasive species typically occurs in systems with high primary productivity, constant temperatures and constant flow. Furthermore, it is able to adapt to a wide range of temperatures, salinities, and [substrates](#).

**What you can do:** Properly decontaminate any equipment used in the water through desiccation and freezing, or an appropriate cleaning solution.