

NEW ZEALAND MUDSNAIL ALERT!



STOP AQUATIC HITCHHIKERS!™

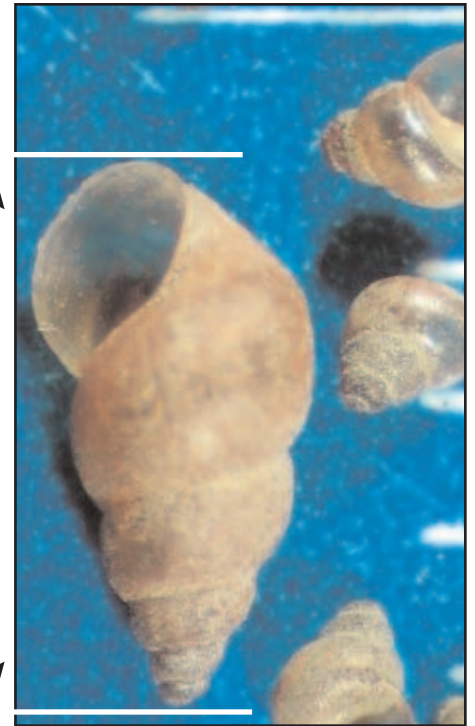
Prevent the transport of nuisance species.
Clean all recreational equipment.
www.ProtectYourWaters.net



If you find NZMS call
ANS Coordinator:
303-291-7362
or 303-291-7355
or email:
robin.knox@state.co.us



adult:
1/8"-
3/16"
from
tip
to
tip



Pictures Left: NZMS found on a rock with a penny for comparison

Photos by: D.L. Gustafson, MSU

New Zealand Mudsnails (NZMS) were introduced to North America's Snake and Madison Rivers in the 1980s. This small invasive is now found in **Boulder Creek east of Boulder, CO** and in the **Green River just outside the NW Colorado/Utah State line.**

HELP

Prevent the spread of New Zealand Mudsnails:

- Freezing for several hours, or heating at high temperatures and low humidity for up to 48 hours have proven to be effective in killing snails.
- Dry your gear (boots, waders, nets) for at least 48 hours at temperatures higher than 90 degrees Fahrenheit.
- Put your gear in a freezer, or leave outside overnight when the temperatures go below 28 degrees Fahrenheit.
- Scrub your wader boots and soles with a wire brush and a chlorine solution to physically remove snails, debris or other unwanted hitchhikers.
- Powerwash your drift boats and boat trailers after takeout before you put-in at another water.

How to Identify a New Zealand Mudsnail:

- New Zealand Mudsnails average 1/8 inch long, but young may be as small as a grain of sand. A plate covers the opening of the gray, brown or black cone-shaped shell with 5-6 whorls.
- They live in most types of waters, from silted river bottoms to clear mountain streams and brackish waters.
- Reproduce asexually - only takes ONE!

Why Control New Zealand Mudsnails?

NZMS disrupt the food chain by consuming algae in the stream and competing with native bottom-dwelling invertebrates. A population crash of invertebrates (small aquatic organisms) can follow the introduction of NZMS, which reduces fish forage. With a decrease in food availability, fish populations may decline as well. Learn more about New Zealand Mudsnails at:

www.wildlife.state.co.us -OR-
www.esg.montana.edu/aim/mollusca/nzms/

