

## ***Invasive Species Spread Prevention...***

See "University of California Natural Reserve System Station Use Requirements" for the station policy regarding intentional use of non-native genotypes at Sagehen.

Many macroinvertebrates were typed in Sagehen Creek & its tributaries. We are eager to preserve the integrity of these unique organisms & ecosystems. Anyone entering the stream system is expected to take all necessary precautions to protect this valuable resource.

To avoid unintentional introduction of disastrously invasive & destructive menaces into Sagehen Creek, researchers & workers should observe the following equipment guidelines:

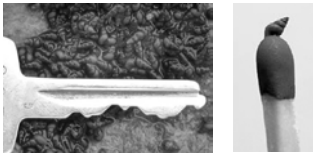
- Dedicate new waders & other equipment to Sagehen Creek projects whenever possible;
- When this is impractical, freeze wet equipment overnight, or
- Dry equipment over several days—equipment must be completely dry, not damp!

### **New Zealand Mud Snails**

New Zealand Mud Snails devour & wipe out macroinvertebrates, destroying the food chain & eliminating fish & the animals which depend on them. The snails & their larvae are tiny & difficult or impossible to spot on gear. Their spread is associated with stream wading.

4/22/2005. The following is an official statement from CDF&G:

"Preliminary results from laboratory tests and field trails demonstrate that solutions of 1,000 PPM copper sulfate, 2,000 PPM benzethonium chloride, or 50% Formula-409® kill New Zealand mud snails on fishing gear within 5 minutes. Fishing gear was completely submersed or put in a dry-sack with the solutions and shaken. The gear was then rinsed in fresh water. The laboratory tests demonstrated that these solutions had minimal effects on the integrity of the fishing gear. The study was funded by CALFED and completed by the California Department of Fish and Game with guidance from several angler organizations and the U.S. Fish and Wildlife Service. Study results are currently undergoing scientific and legal review."



More info: <http://www.flyline.com/environmental/nzms/>

### **Elodea Canadensis**

Elodea is an invasive water weed. It spreads through introduction of bits of the plant to new stream sections. Elodea is present below the Sagehen weir, but not above. Please do not wade from downstream to upstream of the weir without treating equipment.

