

ASSIMINEA



PARASITOLOGICA

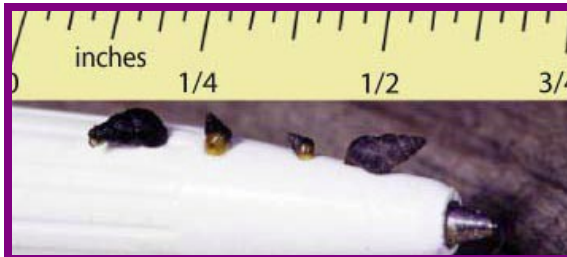
(AP SNAIL)

How Can I Get Rid of AP Snail's?

To get rid of the snail you can use:

- You can hard freeze them.
- You can heat them to the point that they dry out
- You can dehydrate them for a 24 hour period.

<http://www.anstaskforce.gov/spoc/nzms.php>



<http://seagrant.oregonstate.edu/sgpubs/onlinepubs/g10001.pdf>

Who should I contact if I find Assiminea Parasitologica (AP)

- You can go online and use the Oregon Invasive Species Online Hotline
- <http://oregoninvasiveshotline.org/>
- You can call the Oregon Invasive Species Hotline at 1-866-INVADER

Where can Assiminea Parasitologica be found?

This snail is found in the intertidal areas in estuaries. It can be found down in the semi damp grasses near fresh water, on the top layer of soil.



Description

When looking for this snail some distinct characteristics are: It will have up to 3 spirals and you will be able to see a yellowish band below the suture. The **suture** is where the whorls come together. This snail is less than 5mm long.



.VS.



New Zealand
Mud Snail

AP Snail

How Did It Get Here?

The *Assiminea Parasitologica* got here by the ballast water from cargo ships. **Ballast water** is fresh or salt water sometimes containing sediments, held in the tanks and cargo holds of ships to increase stability during transit. The ships were coming from Asia and the AP snail hitched a ride on them in the ballast water.



This is a picture of ballast water coming out of a boat that came from Asia.

<http://www.google.com/imgres?imgurl=http://massbay.mit.edu/resources/images/>

How Can You Prevent the Spread?

- When you are in areas where they have been found, don't forget to wash your boots thoroughly.
- Do not use boots for roughly two weeks after being in snail infested areas
- Be sure to keep boots in a warm climate to insure all unwanted organisms are dead
- You can also put boots in the freezer for 24 hours to kill organisms
- Do not move infested waters into new bodies of water.
- Clean your boat thoroughly with a pressure washer to insure that

WHY IS (AP SNAIL) SO BAD?

- They reproduce parthenogenetically which is also known as cloning.
- It only takes 1 snail to create an invasion
- It can create a colony of more than 40 million snails in a year.
- They can completely cover a streambed, which pushes out the native aquatic insects that provide food for native creek animals.

<http://mudsnails.com/#3>

Status of AP Snail invasion through 2009 along the Oregon

