

Florida hurries to catch fast-spreading snail invasion

July 25 2022, by Gerard MARTINEZ



Officials in New Port Richey, a small town on the west coast of the US state of Florida, are rushing to eradicate the giant African snail, an invasive species.

It might not be speedy, but it's big, hungry and fast at reproducing: the giant African snail, a potential health risk to humans, has once again

invaded the southern US state of Florida.

Jason Stanley, a biologist with Florida's Department of Agriculture, says that the gastropod greedily "feeds on over 500 different kinds of plants."

"We're concerned with that being in our environment," he told AFP.

Since June 23, employees from his agency have been combing through the gardens of New Port Richey, a small town on Florida's [west coast](#), where the [invasive species](#) has taken root.

A single giant African snail can lay up to 2,000 eggs each year, Stanley explains, which—coupled with its appetite—could spell disaster for the state's robust agriculture industry.

In a grassy plot of land in New Port Richey, Mellon, a yellow Labrador trained to sniff out the [snails](#), walks with his handler.

He darts under a tree and sniffs around in the grass. When Mellon eventually locates a snail, he sits directly on top of it, as he's been trained to do.

Florida authorities believe that the snail, native to eastern Africa, was reintroduced to the state when someone brought it home as a pet.

Unlike other brown-tinted [giant snails](#), this particular breed has white flesh.



Mellon, a yellow Labrador retriever trained to sniff out invasive giant African snails, works with his handler Loreнна Dewitz.

"These white phenotypes are very popular in the pet trade," Stanley noted.

Through the talents of Mellon and another snail-sniffing canine, more than 1,000 giant African snails have already been caught in Pasco County, where New Port Richey is located.

Authorities are also trying to stamp out the giant snails by applying metaldehyde, a pesticide that is harmless to humans and animals, according to the state.

The Florida Department of Agriculture has established a quarantine zone within New Port Richey: no plants or other vegetation can be removed from the area to try to prevent the snails from spreading further.

Carries harmful disease

"Another issue with this snail is that it carries the rat lungworm, which can cause meningitis in humans," Stanley added.

That type of parasite, which has been detected among the snails caught in Pasco County, enters rats' lungs when they eat the snails and then spreads when the rodents cough.



Employees of the Florida Department of Agriculture set up a notice board at an

inspection ground as they search for giant African snails in New Port Richey, Florida.

If a human ingests one of the worms, Stanley says, it usually makes its way to the [brain stem](#), where it can cause meningitis.

Local resident Jay Pasqua still can't believe the stir caused by the giant African snail.

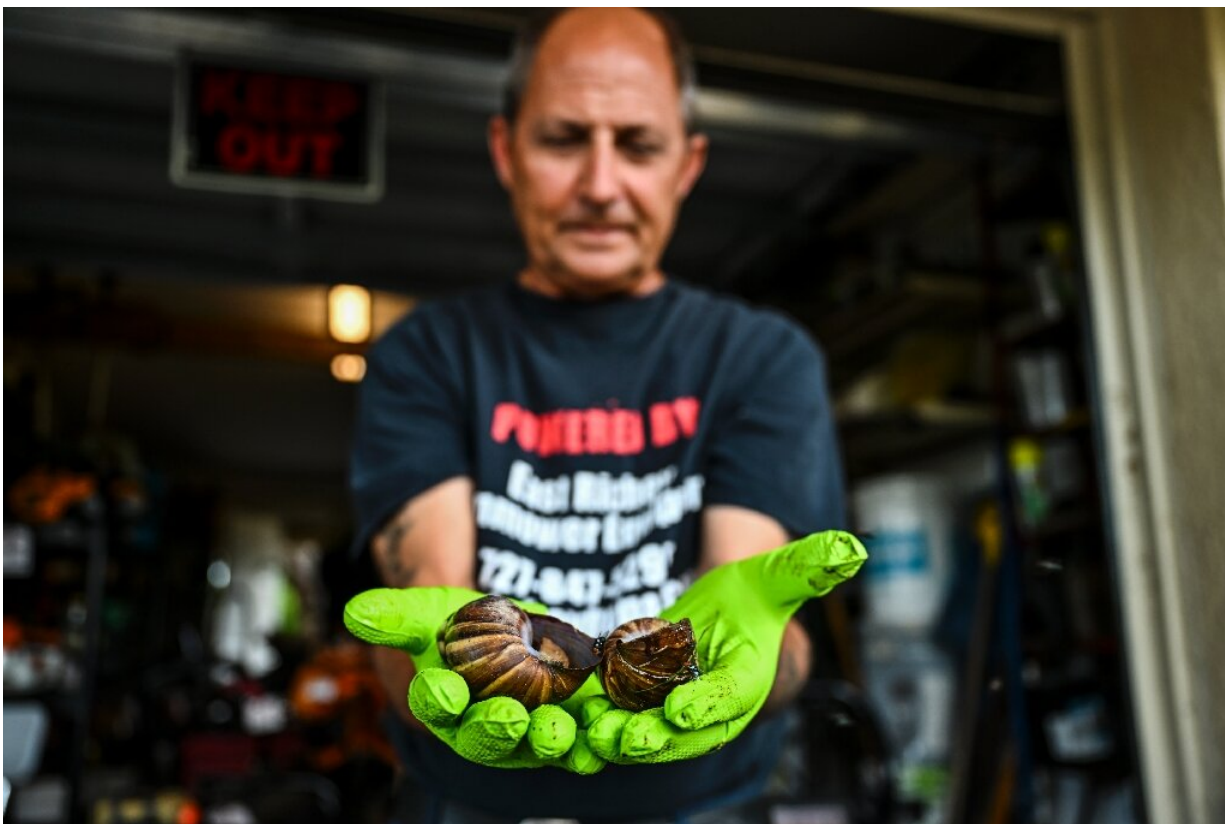
In late June, a Department of Agriculture official came to his lawn mower sales and repair store in New Port Richey to flag the presence of the invasive species.

"In the beginning, it was kind of funny to see all the attention that a snail was getting," the 64-year-old told AFP.

"But (after) starting to understand the process of their growth, how they got here, and what diseases and what problems they cause, it did become a concern at that time."

He has since found dozens of the pests in his garden, although he says he hasn't seen any for three days.

The giant African snail has been eradicated from other parts of Florida twice before, first in 1975 and then again in 2021.



Pasco County resident Jay Pasqua holds dead giant African snails that he found in his backyard in New Port Richey, Florida.

The latter extermination campaign took place in Miami-Dade County and was the result of 10 years of effort at a cost of \$23 million.

Stanley says he's optimistic that this time will be much easier.

"So far, it's isolated in one area, and we're already surveying and treating this area. So we're very hopeful that it's not going to take that amount of time here."

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