

Ant farms nurture curiosity, interest in children

April 3 2013, by Sue Manning

(AP)—What does it take to elevate the common ant from picnic pest to household pet? To thousands of children and many adults, the answer is a bit of soil and a see-through enclosure that, in these modern times, can be made from an extra CD case or bought tricked out with special projection lights.

Ant farms, the narrow glass or plastic containers filled with soil that mimic [ant colonies](#), have been popular among generations of children, and marketers say they remain in-demand even in the age of computers and video games.

Uncle Milton Industries, a Los Angeles-based company that has been in business for six decades, has sold more than 20 million ant farms. Company founder Milton Levine and his brother-in-law invented the ant farm nearly 60 years ago, and the company continues to update its main product, such as with a version that includes a light that projects the [ants'](#) shadows on the ceiling.

"As the world gets more complex, some of these classic toys become more popular," said Ken Malouf, vice president of marketing and product management.

Thousands of people, not just children, enjoy insects as pets and are willing to spend the time and money on them, said Lila Higgins, manager of the [Citizen Science](#) and Live Animals exhibit at the Los Angeles County [Natural History Museum](#).

"We have 16,000 people come to our bug fair every year and a lot of them buy or collect insects as pets. As long as we're buying from responsible traders and collecting responsibly, I think the benefit (of taking queen ants) can far outweigh the cost to our environment," Higgins said.

Ant farms can be an easy way to help nurture a child's interest in insects, since they can be homemade or purchased. Uncle Milton Industries' ant farms come with 12 to 20 harvester [worker ants](#), which are chosen because "they are diggers, strong and robust," Malouf said.

Queen ants are not included, so the colony will last about three months, he said. A colony reproduces because of the queen, its sole fertile member. Her eggs keep the colony going for years, Higgins said.

Noah Shryack of Stanton, Texas, "has loved ants since he was 1 or 2 and he put them in his bucket and tried to bring them in the house," said his mom, Lana. She promised he could get an ant farm "when he was old enough," which was last Christmas, when he was 5.

"He loves it. He checks every morning to see what the ants have done overnight," said Shryack, who likes taking a look too. "I was almost as excited as him," she said.

Rachael Estanislao, an Atlanta blogger and mother of a 6-year-old boy, treats her son's ant farm as an educational toy rather than a pet, though she has used the ants to teach him about caring for another living creature.

"It's definitely like learning to have a pet. It's about learning to respect their environment and helping them live healthy," she said.

As an educational toy, she said it was one of the few that has kept her

son Anakin's interest.

The idea is to help kids discover nature and its critters in the hope it will make them curious about the world around them, Malouf said.

Estanislao agreed, saying the farm taught Anakin about ant hills and the mounds he sees outside. Shryack said her son is amazed most by the large pieces of food the ants can carry and their teamwork to dig tunnels.

She said when some died, she also used it as a teaching moment: "I just told him it is a normal process and some live and some die."

Those who want to build their ant farms can do so with a handful of CD cases and instructions that are readily available online. The trickiest part is filling the colony with harvester ants—the best type for keeping as pets—and catching a queen, since she has a lot of worker ants protecting her, Higgins said.

The best time to catch a queen, which is bigger than the worker ants, is after the mating flight, Higgins said. Once a colony is settled, it will become "quite a yearslong investment," Higgins said.

Her colleague, Brian Brown, curator and chief of the NHM's entomology department, didn't have an ant farm as a child but his research on ant-decapitating flies forces him to work with the insects. Scientists are working to see if the flies from Argentina and Brazil can control fire ants in the United States, Brown said.

To him, ants have limited appeal as pets because they're not interactive: "Dogs are our perfect pets because we've evolved with them over thousands of years. They react to us, a lot of their behavior is directed toward humans. ... An ant colony is basically indifferent to our presence except when they're disturbed—when you bang on the glass or give them food or you mess around with their nest," Brown said.

Malouf doesn't recommend toying too much with the ant farm, or leaving it in places where it can be knocked over by a pet or a human. He added that escapes, though feared by most parents, are unlikely since the seals around the farm are very tight.

Brown figures an equally entertaining alternative to an ant farm could be a computerized projection of a live colony.

"I think ants are really interesting, but mostly they are maggot fodder for my flies," he said.

Copyright 2013 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed.

Citation: Ant farms nurture curiosity, interest in children (2013, April 3) retrieved 16 June 2024 from <https://phys.org/news/2013-04-ant-farms-nurture-curiosity-children.html>

| |
|--|
| <p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p> |
|--|