

Hopes of saving rare tortoise die with 'Lonesome George'

26 June 2012, by Alexander Martinez



Lonesome George, the last known Pinta Island tortoise, seen at Galapagos National Park's breeding center in Puerto Ayora, Santa Cruz island, in 2008. The famed giant tortoise has died, leaving the world one subspecies poorer.

The death of Lonesome George came as a shock to the caretakers who had come to know the 100-year-old giant tortoise, the last survivor of a subspecies decimated by pirates more than a century ago.

The last remaining Pinta Island giant [tortoise](#) and celebrated symbol of [conservation efforts](#) in the [Galapagos Islands](#) passed away Sunday with no known offspring, his sudden demise a mystery to those who studied and cared for him.

"He was in good condition. On Friday, the last day he fed, he ate normally. There was nothing to suggest that this would occur," biologist Washington Tapia, of the [Galapagos National Park](#), told AFP.

Lonesome George used to eagerly approach his longtime caretaker, Fausto Llerena, the only male the aging and seemingly neurotic tortoise would allow inside his pen on Santa Cruz Island, Tapia said.

"He was a special animal, complex in his behavior," he added.

But on Sunday Llerena found the giant tortoise stretched out facing the direction of his watering hole. The body has since been moved to a cooler to preserve it ahead of a necropsy to determine the cause of death.

Last of its kind
Lonesome George, the last Pinta Island tortoise, has died aged more than 100 years old

- Pinta Island tortoise *Chelonoidis abingdoni*
- Thought extinct in early 20th century
- **Lonesome George** was spotted by a Hungarian scientist and brought to Santa Cruz in 1972
- All efforts to breed with closely related species failed

Discovery of unique species of animals on separate islands made an important contribution to **Charles Darwin's** theory of evolution in the 1800s

Galapagos Island giant tortoises

- ▶ Contending theories of species and subspecies
- ▶ 13 remaining distinct groups recognised
- ▶ Estimated population of 20,000 to 25,000
- ▶ Exploited in the 1800s by whalers, fur sealers, pirates
- ▶ Was desired as food by sailors for their ability to stay alive up to a year without food or water
- ▶ Can live more than 150 years

Source: IUCN/Galapagos.org/National Geographic

Graphic factfile on Lonesome George, the last Pinta Island giant tortoise, who that has died aged more than 100 years old, signalling the extinction of a species.

Lonesome George was discovered on Pinta Island in 1972 at a time when giant tortoises of his type,

Geochelone nigra abingdoni, were already believed to be extinct.

Experts estimate there were once some 300,000 giant tortoises on the remote Pacific archipelago, but the species was decimated by pirates in the 18th and 19th century, who hunted them for food and introduced new predators.

After his discovery, Lonesome George became a prized member of the park service's tortoise program, and attempts were made to breed him with rare female tortoises who contained similar [genetic material](#).

The tortoises took things slow -- after 15 years in captivity together Lonesome George mated with one of them, but the eggs were infertile. An attempt at [artificial insemination](#) also failed.

But while Lonesome George was unable to save his own kind, the park credits him with spurring efforts to save other endangered species in the archipelago, including other kinds of giant tortoises.

In honor of Lonesome George, it plans to convene an international workshop in July on management strategies for restoring tortoise populations over the next decade.



Lonesome George, the last known Pinta Island Tortoise, subspecies *Geochelone nigra abingdoni*, is pictured at Galapagos National Park's breeding center in Puerto Ayora, Santa Cruz island, Galapagos in 2006. The death of George came as a shock to the caretakers who had

come to know the 100-year-old giant tortoise, the last survivor of a subspecies decimated by pirates more than a century ago.

"Lonesome George's legacy will be an increased effort in both research and management to restore his island of Pinta and all of the other giant tortoise populations of Galapagos," it said.

The Galapagos Islands, situated about 1,000 kilometers (620 miles) off Ecuador's coast, are considered a haven for tortoises.

There are about 20,000 [giant tortoises](#) left in the Galapagos, according to the park's website. They are believed to be able to live up to the age of 200, but scientists won't know for sure until they document the life spans of the first generation to be born in captivity, in the 1970s.

The Galapagos gained fame when Charles Darwin visited in 1835 to conduct landmark research that led to his revolutionary theories on evolution.

The archipelago has been a UNESCO World Heritage Site since 1978 for the rich plant and animal life found both on its land and in the surrounding sea.

In 2007, the organization declared the island chain's environment endangered due to the increase in tourism and the introduction of invasive species.

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