Obama nungara invades France and Europe

THE FLATWORM

Obama nungara is flat and 5-10 centimetres in length. Its colour varies from orange to dark brown. The head end bears hundreds of minute eyes. Its mouth is not located on its head, but in the middle of the underside of the body.



WHERE DOES OBAMA **NUNGARA COME FROM?**

Most species of the genus Obama, including Obama nungara, are native to South America. Specimens have been found in Brazil and Argentina.

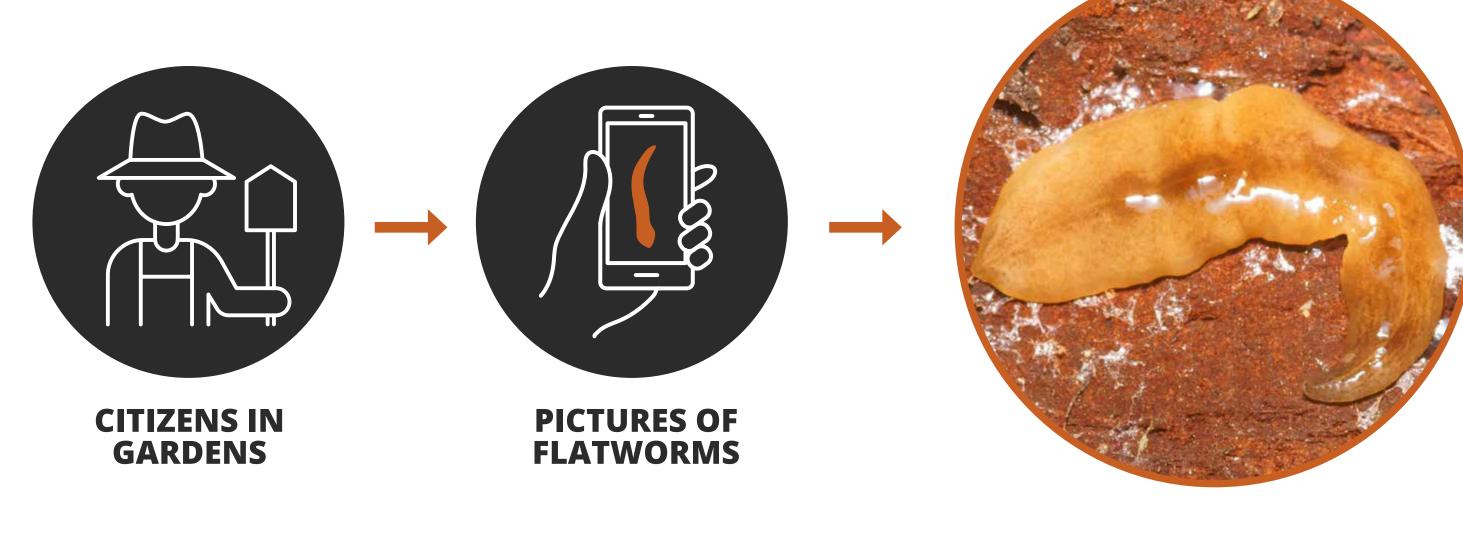


WHY THE NAME OBAMA?

The genus name, Obama, was created using two words from an indigenous Brazilian language and means *flat* as a leaf, which perfectly describes a flatworm's general shape

RECORDING THE INVASION

The occurrence of flatworms in France, and throughout Europe, was recorded using citizen science. Hundreds of members of the public took pictures of flatworms in their gardens and sent them to scientists, who verified the species of flatworm (as there are other species of land flatworms in France).

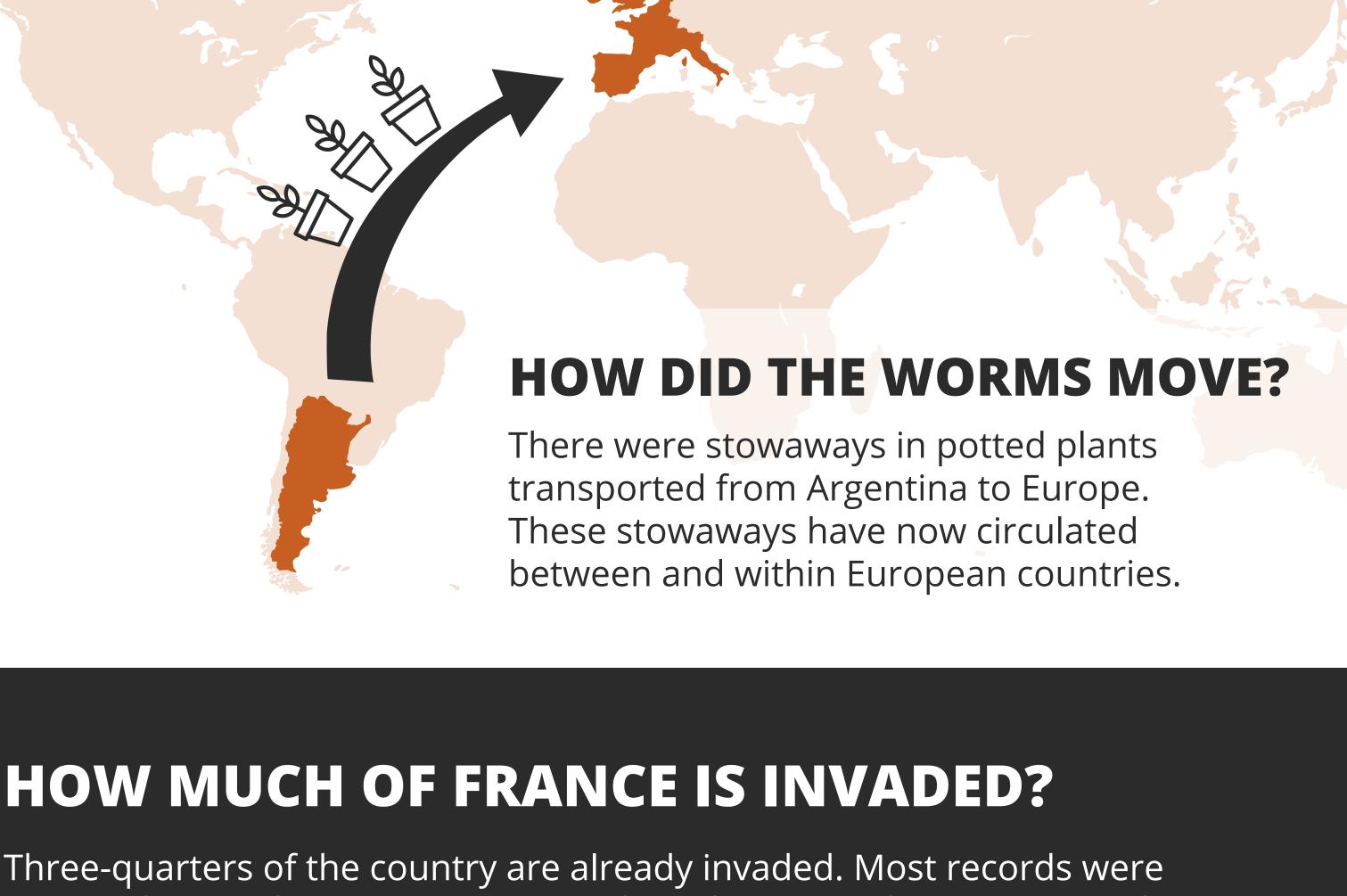


MOLECULAR STUDY OF POPULATIONS

Using molecular tools, scientists could distinguish 3 populations of Obama nungara: 2 in Argentina and 1 in Brazil.

WHAT POPULATION INVADED EUROPE? In France and most European countries, only specimens from one of the

Argentinean populations were found. This shows that a single population has invaded most countries of Europe, and that it comes from Argentina.



reported along the Atlantic coast, perhaps because Obama nungara does not like drought and it often rains there.

NUMBER OF OBSERVATIONS

