



Darwin Day 2023

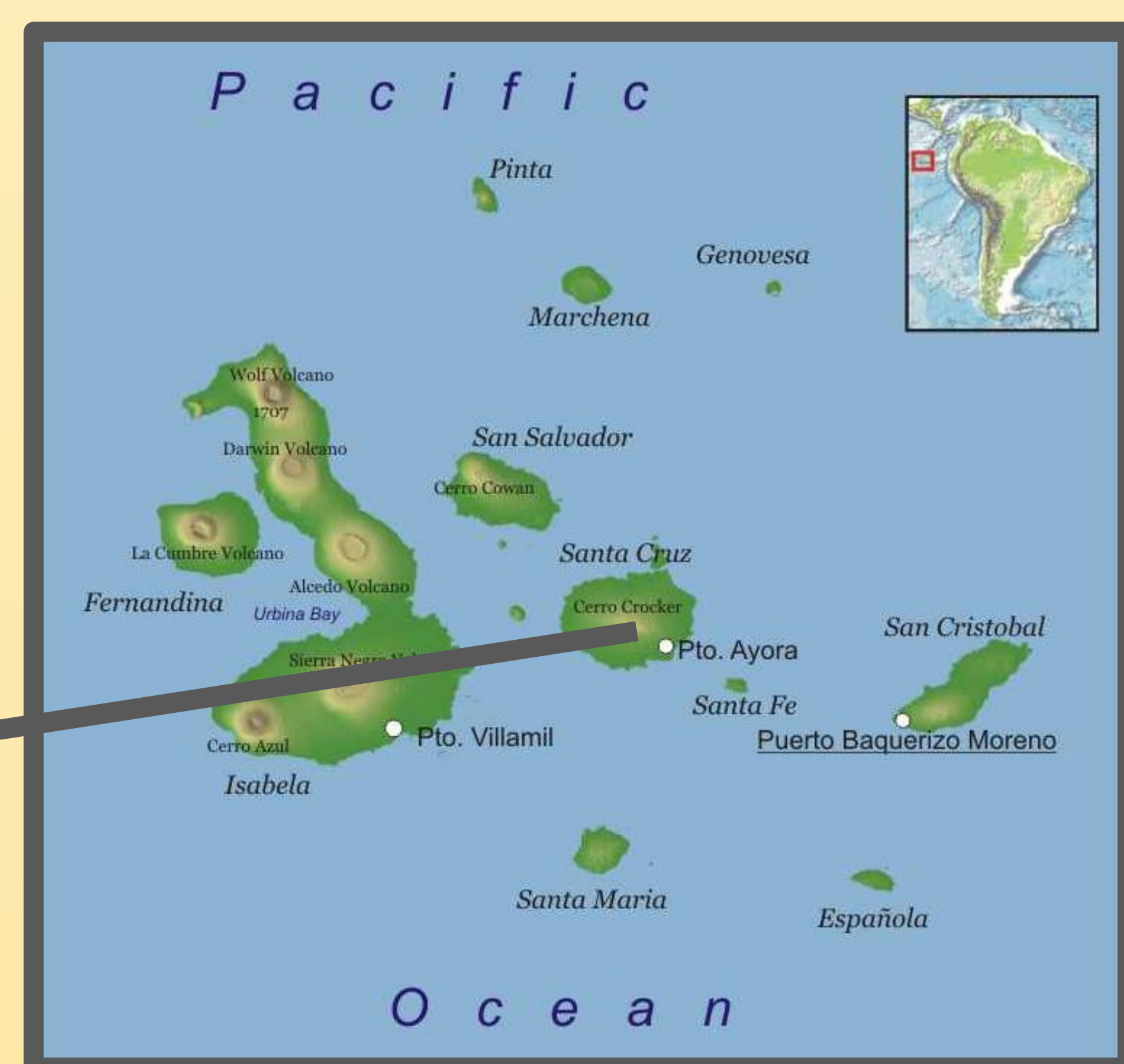
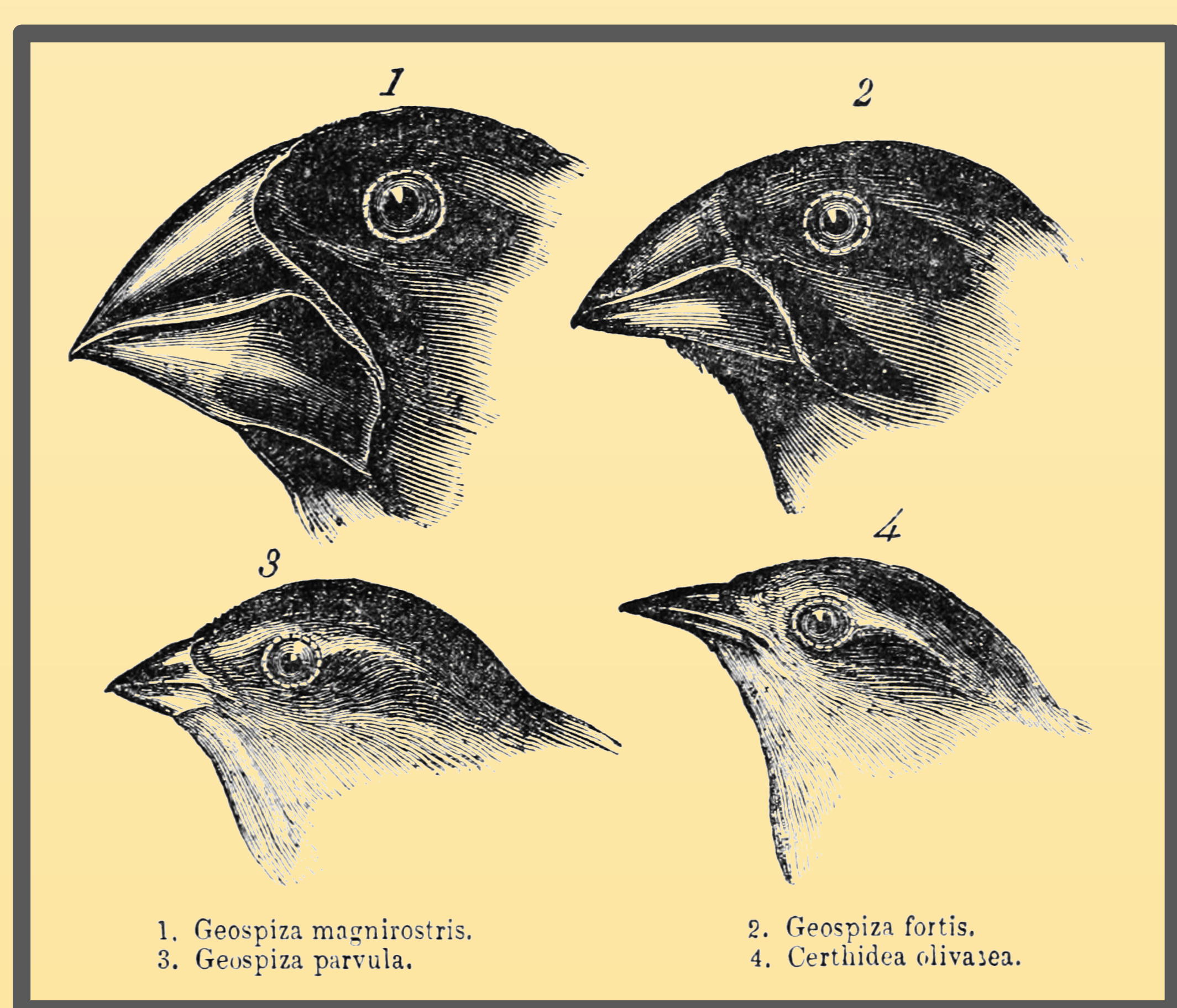
12 February



Charles Darwin (12 February 1809 – 19 April 1882) was an English naturalist, geologist, and biologist. He is one of the first to outline the concept of natural selection and evolution.









According to the concept of Evolution, all species of life have descended from a common ancestor. Evolution is now generally accepted and considered a fundamental concept in science.

Why are there are so many types of ground finches



on just one of the Galapagos Islands?

Each type of ground finch is **adapted** to a different type of food.

	Cactus finches have sharp teeth and dig into cactus flowers and fruits for pollen, nectar and seeds.	
	Small ground finches have small beaks and feed on small seeds.	
	Medium ground finches have medium beaks and feed on medium seeds.	
	Large ground finches have large beaks and feed on large seeds.	

Thought experiment

- Take 5 individuals each of all four types of finches
- Feed them only the type of food that is shown in the **red** rectangle (cactus flower)
- What do you think would happen over time?

