One of the most famous books of science.
Charles Darwin in 1837, age 28, after voyage of the Beagle
Darwin in 1854, age 45.
Charles Darwin, age 60
Darwin in 1879, age 70.
Voyage of HMS Beagle, 1831-1836
Aboard the "Beagle," Darwin spent five weeks exploring the Galapagos Islands.
Modern names of the Galapagos Islands
Yours truly in the Galapagos Islands, 1996, Fernandina Volcano
Biologists are still studying natural selection in the Galapagos Islands.
Extinct volcano where the Grants studied “The Beak of the Finch”
Darwin’s finches: 13 different species evolved from a single ancestor from South America.
The beaks of Darwin’s finches are adapted to the variety of food types available on the different islands in the Galapagos Islands.
Type specimens of finches collected by Darwin in the Galapagos Islands
Upland ground finch
Lowland ground finch
A cactus finch
The cactus finch feeding
Mockingbirds with no fear of humans
Masked booby nesting grounds on Tower Island
Sitting with a masked booby
Fratricide among masked boobies. Every living adult killed its sibling. What is the evolutionary advantage?
Masked booby and blue-foot booby rookeries
A blue-footed booby
Let’s do the booby dance!
Let’s do the booby dance!
Mating ritual and bonding
Red-footed boobies roost in trees
Frigate Bird: why does the male have this red balloon?
Equatorial penguins in the Galapagos
This flightless cormorant shows adaptations similar to penguins.
Sea lion mother and pup
Sea lions only fear sharks
More individuals die than survive
Marine iguanas, the only ones in the world
A male marine iguana
Godzilla lives!
The land iguana, the living relative of the marine iguanas.
Don’t try this at home, folks!
A giant tortoise
A tortoise at the Darwin Research Station, Lonesome George, last of his species.
Hanging out at the local water hole
Jaws!
We took pictures until the “cows came home.”
What are these crabs doing?
Hope this lecture hasn’t left you feeling “crabby”!