

1. Yadira N. Sarabia
2. Monday and Wednesdays
3. Monday, September 21, 2015
4. A Quarter of the Country's Green Sea Turtles Call Florida Refuge Home
September 21, 2015
5. New York Times
6. Marine Life: Sea Turtles
7. The Archie Carr National Wildlife Refuge, a part of U.S. Fish and Wildlife Services, worked with students and researchers, from the University of Central Florida's Marine Turtle Research Group (est. 1991) to record turtle nests off the Florida shores for 35 years, in an effort to monitor the Green Sea Turtle population that was placed on the endangered species list. The Green Sea Turtle was one of the first species to be protected by regulations in the 1600s. Since then, the population has flourished and around 25 percent of the sea turtle species nest is located in the United States, with an estimated 700,000 new hatchlings. The university is also working on, with regulations set in place, to help with the accidental catch of sea turtles. The university also observed the more that 12,000 nest created by the Loggerhead Turtle.
8. The article was interesting to read, but I had to do some research to find out about the Archie Carr National Wildlife Refuge and the University of Central Florida's Marine Turtle Research Group, which work very close together. It felt as though they could have made the article a little longer to be more complete, by adding more detail about the two turtle species, the Green Sea Turtle and the Loggerhead Turtle, which the latter, they gave only one sentence of information and did not even let you know if it was also an endangered species (which I looked up, is Threatened in some seas and oceans, while Endangered in others according to NOAA website). Because I looked up the organizations online, the information seems accurate and reliable; I just would have appreciated a little more facts on both species. Further readings of the three organizations name above, I believe, are required to get the full understanding of the article.

Endangered Species Act was created to protect + recover imperiled species + the ecosystems upon which they depend on.

The New York Times

<http://nyti.ms/1L0oZNP>

SCIENCE

A Quarter of the Country's Green Sea Turtles Call Florida Refuge Home

SEPT. 21, 2015

James Gorman

SCIENCETAKE

what kind

Green sea turtles have had their ups and downs. They were so plentiful that they were commercially harvested for hundreds of years in the Atlantic, but are now listed as threatened or endangered under the Endangered Species Act, depending on the location.

1973

They were one of the first species to be protected by regulations. That was in Bermuda in the 1600s. Apparently the effort didn't work, however, as that local population was exterminated.

work w/ wildlife service

US fish & Wildlife Service

These days, however, their numbers are increasing. In the Archie Carr National Wildlife Refuge, just below Cape Canaveral, they are having a record year. Researchers and students at the University of Central Florida's Marine Turtle Research Group counted 12,804 nests as of Thursday in the 13 miles of the refuge's beaches that they monitor. That's the first time the number has topped 12,000, said Kate Mansfield, who leads the group.

*1982
2004*

That's at least 25 percent of the green sea turtle nests in the United States, and the result will probably be more than 700,000 hatchlings emerging, Dr. Mansfield said.

How long.

"It's a pretty phenomenal sea turtle nesting spot," she said. The research group has been monitoring the area for 35 years, dating back to before the refuge was established in 1991.

How long.

She emphasized that although the news was good for green turtles now, the turtles were a very long-lived species and long-term monitoring is essential. The turtles take 25 years to mature, and the ones making nests now were hatched around the time the refuge was established. They also benefit from the Endangered Species Act, she said, and from fishing

regulations to decrease the accidental catch of sea turtles.

The stretch of beach the university monitors also has more than 12,000 nests made by loggerhead turtles. At the height of the nesting season there, she said, 400 to 500 nests may be dug each night.

If the turtle population keeps growing, it is going to be one crowded beach.

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endangered?