



Volunteers (front to back) Tori, Veda, and Ned Moore help to relocate nest # 1"

Turtle Time - Moving Nest One

By Peggy Sagmiller

There are now three Loggerhead sea turtle nests in Pine Knoll Shores! Nest #2 was discovered June 7 by Bill Steenland. Nest #3 was also found on June 7 by Barbara Gaunt and Mary Anne Hotham. Both these nests are high on the beach out of danger from flooding or overwash – except in the case of a hurricane.

Nest #1 was unfortunately laid close to the high tide line. Less than a week old, it was inundated by the high tides of Tropical Storm Barry. Two weeks later it was severely overwashed by high tides due to a full moon. An escarpment had formed less than a foot from the nest, threatening to undercut it and wash the contents out to sea.

Hoping that the nest was still viable, we asked permission to move it. In the past, permission has been denied due to an on-going study on Bogue Banks relating to sea turtles and beach replenishment. However, permission to move Nest #1 was granted on Saturday, June 16, by Matthew Godfrey, head sea turtle biologist for North Carolina. With help from volunteer Ned Moore and family, Nest #1 was relocated to a higher location at the base of the dunes.

Moving a sea turtle nest is a delicate procedure. Within hours after having been laid, the turtle embryo attaches itself to the inside of the shell. If the egg is turned over, or changed from its original orientation, the embryo will detach and die. Also, as the sex of a sea turtle is determined by temperature, the warmer eggs at the top and center of the nest would become females, while the cooler temperatures at the bottom of the nest would produce males. The eggs must therefore be placed in their new man-made nest in the same places they came out of in their original nest.

The new nest is dug to about the same depth as the original. It is then fashioned by hand into a flask shape and lined with sand from the original nest. This sand contains whatever is left of protective mucus secreted by the mother turtle as the eggs are laid. The new nest is filled, reburied, and marked. We wait and hope. If even one egg hatches, the work will have been worth it.

Because Nest #1 was relocated, it will not be included in the on-going Bogue Banks study.

Kitty Hawk Worth the Trip

By Cierra Tomaso

If you think flying is exciting, then the Wright Brothers National Memorial is for you! This article is a tour of that memorial.

First, there's a Visitors Center. One room has a model of one of the gliders. In that same room, on the day I was there, they were having a talk on the Wright brothers. There is also a little museum with pictures and descriptions about various events involving the Wright Brothers. Of course, there's a nice gift shop. Outside I saw the monumental spot where the first flight took off. Up ahead were replicas of the workshops where the flying machines were built.

Then, and this is my favorite part, I saw this huge hill with a winding path. A bit daunting, I have to say. OK, a lot daunting! I mean, this is no bunny hill!

One member of our group decided to drop out. I hiked slowly up the hill to the memorial at the top.

It was worth the hike. A cliff crumbled off on one side. The view was awesome. I could see the entire town and then some! The memorial had two busts of the Wright Brothers, and a massive pyramid. When we climbed down, a few tents contained a museum. It showed all you need to know about the Wright Brothers. If you go there, you will never need another biography about Orville and Wilbur Wright.

So that's the Wright Brothers National Memorial. Visit it in Kitty Hawk, or on the web at <http://www.nps.gov/wrbr>. I hope you visit the memorial someday, if you haven't already. So pack your bags and "fly" over there!

Atlantic House Set to Break Ground

By Charlie McBriarty

The successful conclusion of the construction fundraising phase means that the permanent home of Atlantic House will become a reality in the immediate future. Groundbreaking for the new "Clubhouse" is anticipated early next month. The new home will be located on the north side of Bridges St. between the Onslow Carteret Behavioral Health-Mental Health facility and Longley Supply Co.

The \$650,000 construction fundraising phase, initiated three years ago, was successfully completed this past month. In a press release announcing conclusion of this campaign, Friends of Atlantic House President Jerry Stockdale thanked all of the contributors from both the public and private sectors.

Atlantic House is dedicated to the psychosocial rehabilitation of individuals with severe and persistent mental illness. It is modeled after New York City's Fountain House. This program actively engages persons suffering from mental illness as they work toward recovery. Participating individuals are considered

members, rather than patients, and the facility is referred to as the clubhouse. The goal of the system is to restore social and vocational functioning of the members while helping them manage their mental illness. This is accomplished by involving members and staff of the clubhouse as partners in making decisions regarding governance, policy matters and future direction of the clubhouse. This clubhouse has operated in Carteret County since 1989 and has helped more than 200 members build on their strengths and abilities to become self-reliant and productive citizens.

Glenda Self, director of Atlantic House, expressed her appreciation that the construction phase has been successfully concluded. She noted that the fundraising efforts continue. Additional funds will be needed to outfit the new clubhouse. Those wishing more information may call the clubhouse at 726-1216. Tax deductible contributions may be sent to Friends of Atlantic House, P.O. Box 81, Morehead City, NC 28557.

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