

The American Oystercatcher Band Database

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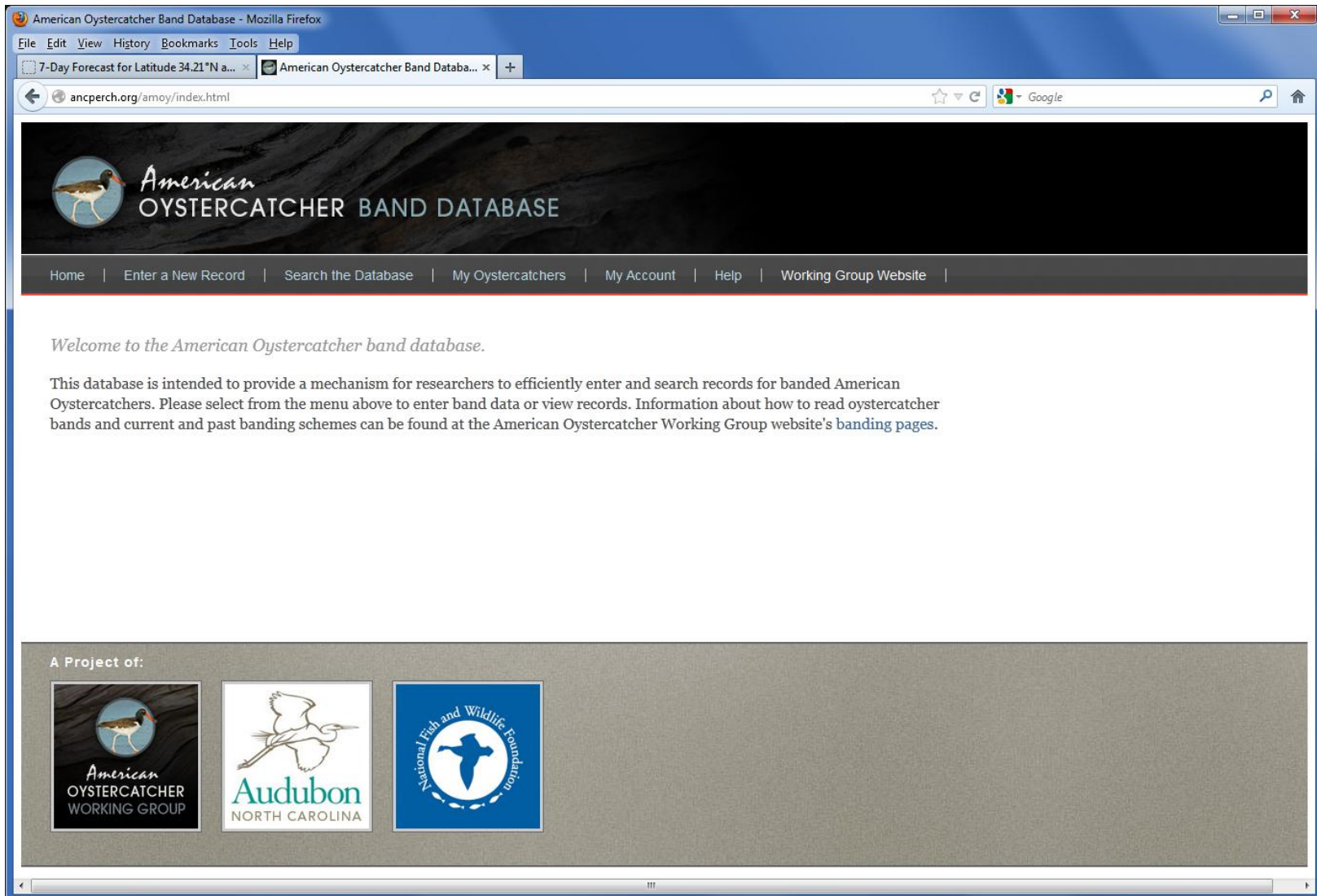
Tom Howard

Neil McCoy

Before: Excel files

The image displays a complex Excel environment with multiple overlapping windows. The primary window in the foreground is titled "Banding Records" and contains a large table with columns for Date, Location, State, Latitude, Longitude, Type, Observer, and Age. The data includes records for various bird species and locations across different states, such as Georgia, North Carolina, and South Carolina. Other windows show detailed views of specific records, including "Wolf Island" and "Little Saint Simons Island", and a "Banding Information" window with a list of banding events. The interface includes standard Excel menus like File, Home, Insert, and Data, along with various toolbars and a status bar at the bottom.

After: Custom database



The screenshot shows a Mozilla Firefox browser window displaying the American Oystercatcher Band Database website. The browser's address bar shows the URL `ancperch.org/amoy/index.html`. The website features a dark header with the title "American OYSTERCATCHER BAND DATABASE" and a navigation menu with links for Home, Enter a New Record, Search the Database, My Oystercatchers, My Account, Help, and Working Group Website. Below the header, a welcome message reads: "Welcome to the American Oystercatcher band database. This database is intended to provide a mechanism for researchers to efficiently enter and search records for banded American Oystercatchers. Please select from the menu above to enter band data or view records. Information about how to read oystercatcher bands and current and past banding schemes can be found at the American Oystercatcher Working Group website's banding pages." At the bottom, a section titled "A Project of:" displays logos for the American Oystercatcher Working Group, Audubon North Carolina, and the National Fish and Wildlife Foundation.

American Oystercatcher Band Database - Mozilla Firefox

File Edit View History Bookmarks Tools Help

7-Day Forecast for Latitude 34.21°N a... American Oystercatcher Band Databa... x +

ancperch.org/amoy/index.html

American OYSTERCATCHER BAND DATABASE

Home | Enter a New Record | Search the Database | My Oystercatchers | My Account | Help | Working Group Website |

Welcome to the American Oystercatcher band database.

This database is intended to provide a mechanism for researchers to efficiently enter and search records for banded American Oystercatchers. Please select from the menu above to enter band data or view records. Information about how to read oystercatcher bands and current and past banding schemes can be found at the American Oystercatcher Working Group website's banding pages.

A Project of:

American OYSTERCATCHER WORKING GROUP

Audubon NORTH CAROLINA

National Fish and Wildlife Foundation

Database Purpose

- Receive data
 - Database website
 - Working Group website
- Retrieve data
 - Search
 - My Oystercatchers
- Require little administration

American OYSTERCATCHER BAND DATABASE

Home | Enter a New Record | Search the Database | My Oystercatchers | My Account | Help | Working Group Website | Admin

Record Form

You are entering data as: Lindsay Addison Affiliation: Audubon North Carolina Address: 7741 Market Street Unit D, Wilmington, NC 28411 If your information is not correct, please update it.
Email: laddison@audubon.org Phone: 910-685-7527

Create a New Record
Required fields are in boldface.

Location Information [hide or unhide](#)

State: North Carolina County: New Hanover Site: Cape Fear River Location: Ferry Slip Island
Latitude: Longitude: [Get Coordinates](#)

Observation Information [hide or unhide](#)

Observer: Enter new observer - First Name: Last Name:
Other Observer:
Date: Type: Status:

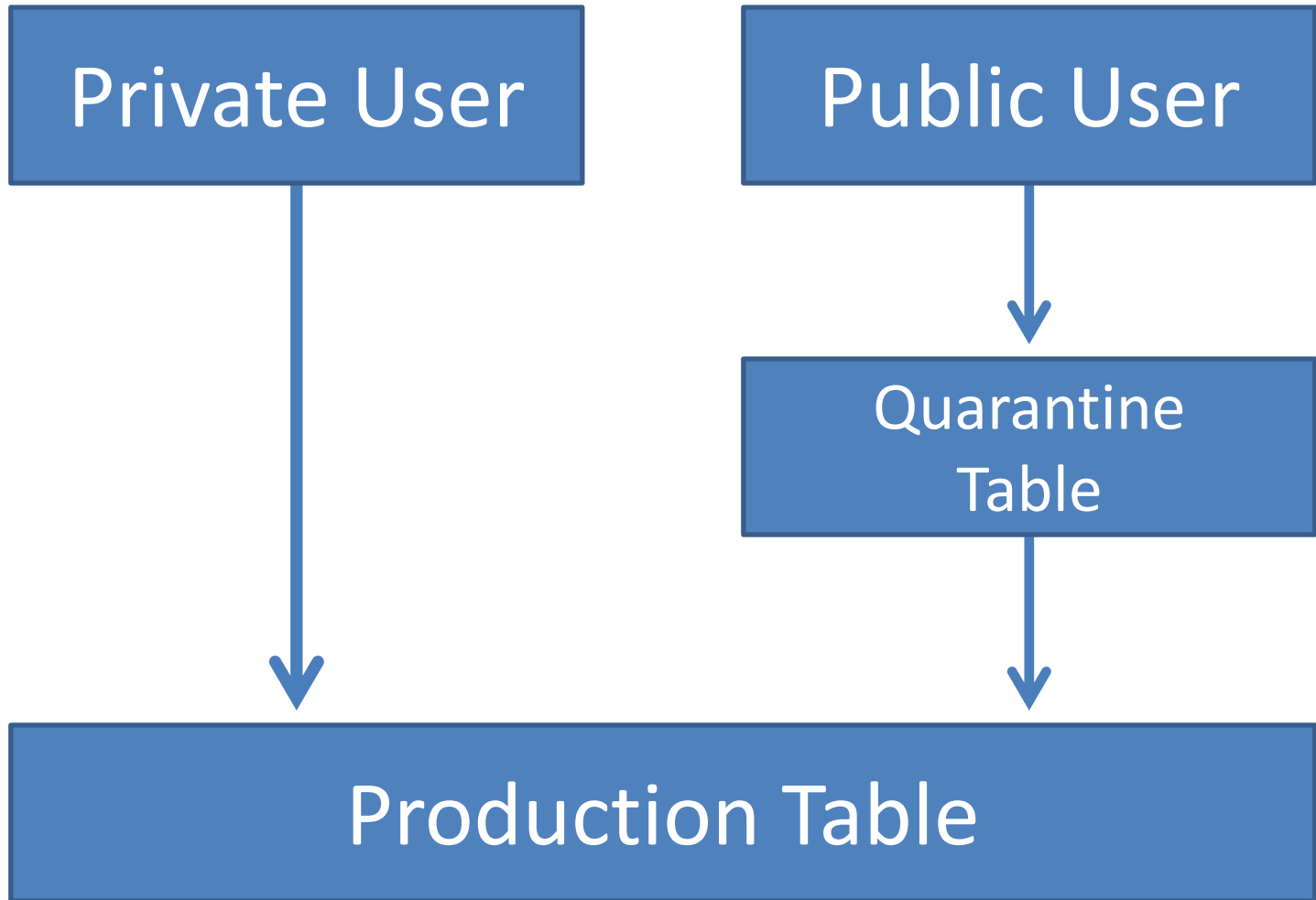
[Click here to continue](#)

2417 results for search term ==> 'state_amoj'='NC'

Export search results to [Google Earth](#) [Excel](#)

| ID | State | Date | County | Site | Location | Latitude | Longitude | Entered By |
|------|-------|------------|----------|--------------------------------|------------------|-------------|-------------|------------|
| 1117 | NC | 2010-04-15 | Carteret | Cape Lookout National Seashore | North Core Banks | 34.99673000 | 76.13199000 | 19 |
| 1118 | NC | 2010-04-21 | Carteret | Cape Lookout National Seashore | North Core Banks | 35.03144000 | 76.08514000 | 185 |
| 1119 | NC | 2010-06-01 | Carteret | Cape Lookout National Seashore | North Core Banks | 35.04341000 | 76.06662000 | 185 |
| 1129 | NC | 2010-04-12 | Carteret | Cape Lookout National Seashore | | | | |
| 1130 | NC | 2010-04-13 | Carteret | Cape Lookout National Seashore | | | | |
| 1131 | NC | 2010-06-13 | Carteret | Cape Lookout National Seashore | | | | |
| 1205 | NC | 2010-07-28 | Carteret | Cape Lookout National Seashore | | | | |
| 1242 | NC | 2010-07-28 | Carteret | Cape Lookout National Seashore | | | | |
| 1306 | NC | 2010-07-15 | Carteret | Cape Lookout National Seashore | | | | |

Data Flow



Private Users

- All are registered users
 - Have account
 - Working Group members, techs, interns, or volunteers
- Enter data through database website
- Data not reviewed before entering production table
- Access to data via search
 - Can add levels of access to private user accounts in search and record editing functions
- Subject to data sharing agreement

Public Users

Non-Working Group members

Unregistered Public

- Use Working Group website form to report
 - Do not have account
- Data goes to quarantine table
- Receive e-mail with bird's history when record is accepted into database
- Will be informed of possibility of registering

Registered Public

- Use Band Database website to report
 - Have account
- Data goes to quarantine table
- Can view all records for birds they submitted on the My Oystercatchers page
- Cannot search all records or edit or delete records

Database Functions

- Enter data
 - Captures, recaptures, resightings
 - Location, observer, breeding status
 - Limited other data

Additional Information  [hide or unhide](#)

| | | |
|--|--------------------------------------|---|
| Age: <input type="text"/>  | Sex: <input type="text"/> | Flock Size: <input type="text"/>  |
| Culmen: <input type="text"/> (mm) | Tarsus: <input type="text"/> (mm) | |
| Wing: <input type="text"/> (mm) | Weight: <input type="text"/> (grams) | |

Sites and Locations

Cape Fear River

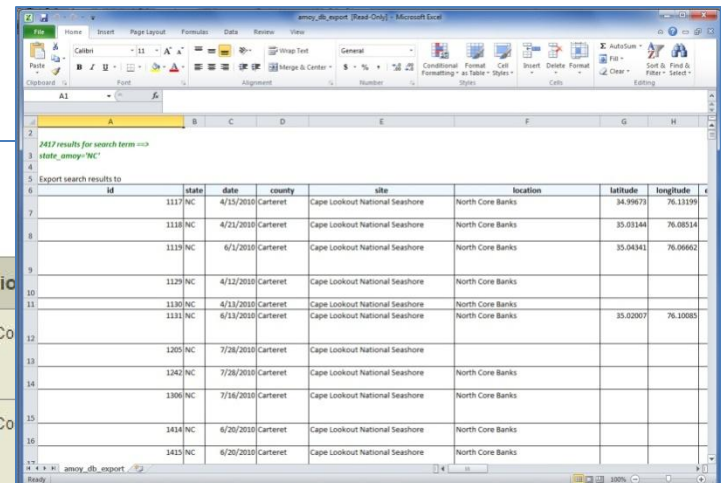
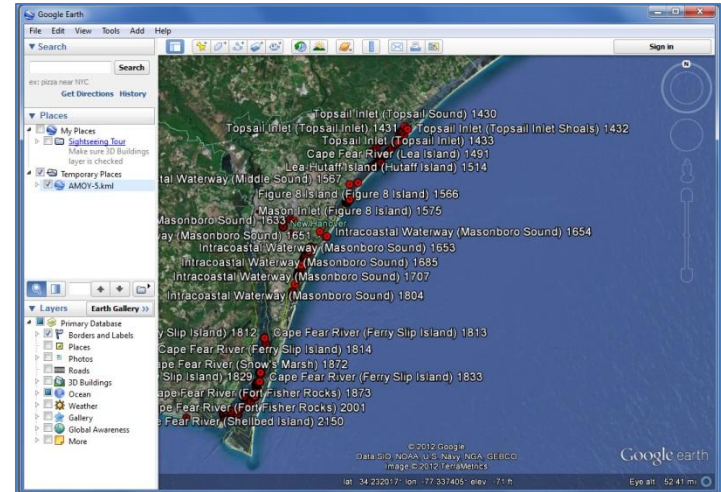


Ferry Slip Island



Database Functions

- Search data
 - All entered criteria searchable
- Three display options
 - Database (table or single record), Google Earth, Excel



2417 results for search term ==> `state_amoy`='NC'

Export search results to [Google Earth](#) [Excel](#)

| ID | State | Date | County | Site | Location | Latitude | Longitude |
|------|-------|------------|----------|--------------------------------|------------------|-------------|-------------|
| 1117 | NC | 2010-04-15 | Carteret | Cape Lookout National Seashore | North Co | | |
| 1118 | NC | 2010-04-21 | Carteret | Cape Lookout National Seashore | North Co | | |
| 1119 | NC | 2010-06-01 | Carteret | Cape Lookout National Seashore | North Core Banks | 35.04341000 | 76.06662000 |

Upcoming Features

- Re-launch public form
- Launch registered public function and My Oystercatchers
- Additional improvements to enter function
 - Improve process, more checks
- Site and location kml files for each state
- Photo search option
- **Add more data**
 - All “backload” data is checked as well as formatted before entering database

Website Address

www.ancperch.org/amoy/index.html

laddison@audubon.org

*A database for everyone will completely satisfy
no one.*

Discuss or Follow-up

- Levels of use for registered private users
 - Now all can edit and delete records, add new records, and search all records
- Questions or comments about website
- Suggestions for additional functions or improvements to the band database