

Studying birds camp 2006

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Contents

- Problem Statement
- Data Collection
- GIS presentation
- Multimedia



Problem Statement

To create a digital library of bird information

Collect data about birds in different locations around the world

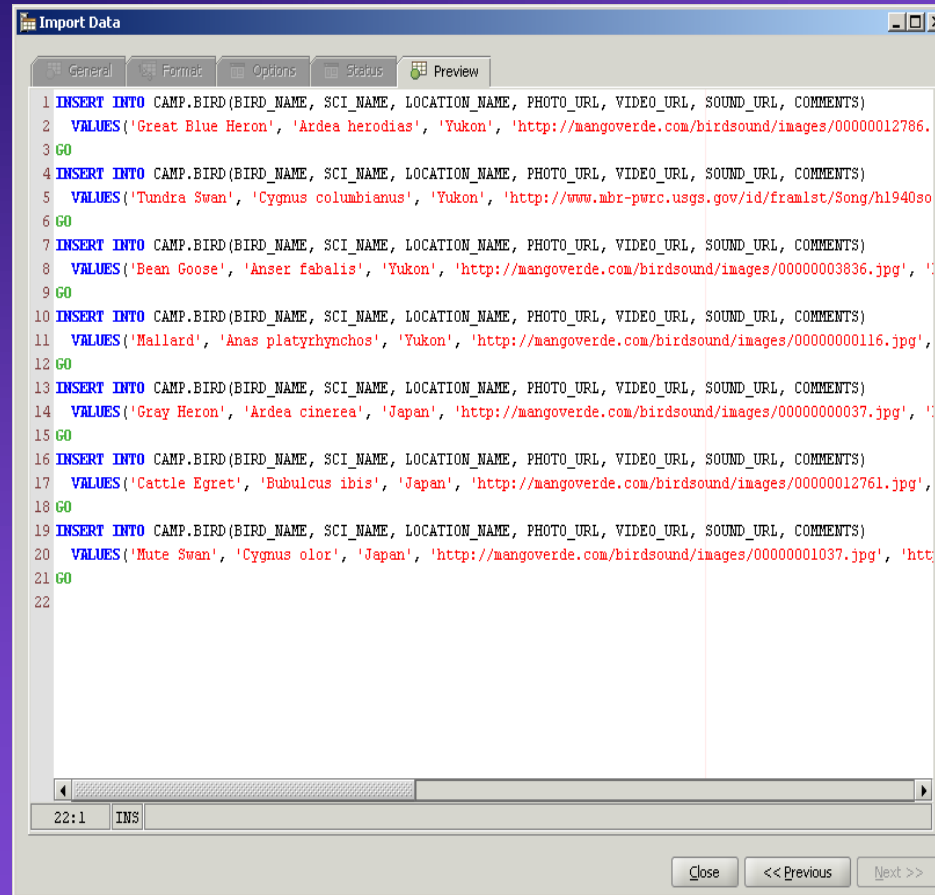
Present bird data using a graphical map interface

Data Collection

■ Excel spreadsheet

Common Bird Name	Scientific Bird Name	Location Name	Photo URL
Red-Throated Loon	Gavia Stellata	Virginia	http://mangoverde.com/birdsound/images/00000004648.jpg
Red-Necked Grebe	Podiceps Grisegena	Virginia	http://mangoverde.com/birdsound/images/00000004275.jpg
American White Pelican	Pelecanus erythrorhynchos	Virginia	http://mangoverde.com/birdsound/images/00000001855.jpg
Snowy Egret	Egretta thula	Virginia	http://mangoverde.com/birdsound/images/00000016597.jpg
Purple Finch	Carpodacus purpureus	Virginia	http://mangoverde.com/birdsound/images/00000005175.jpg
Yellow-billed Loon	Gavia adamsii	California	http://mangoverde.com/birdsound/images/00000009761.jpg
Shy Albatross	Thalassarche cauta	California	http://mangoverde.com/birdsound/images/00000012257.jpg
House Sparrow	Passer domesticus	California	http://mangoverde.com/birdsound/images/00000000562.jpg
Brambling	Fringilla montifringilla	California	http://mangoverde.com/birdsound/images/00000004776.jpg
Green-tailed Towhee	Pipilo chlorurus	California	http://mangoverde.com/birdsound/images/00000013407.jpg
Purple Heron	Ardea purpurea	Negros	http://mangoverde.com/birdsound/images/00000002442.jpg
Green Imperial-Pigeon	Copsychus saularis	Negros	http://mangoverde.com/birdsound/images/00000004108.jpg
Mountain White-eye	Zosterops montanus	Negros	http://mangoverde.com/birdsound/images/00000015463.jpg
Nutmeg Mannikin	Lonchura punctulata	Negros	http://mangoverde.com/birdsound/images/00000004960.jpg
Fire-breasted Flowerpecker	Dicaeum ignipectus	Negros	http://mangoverde.com/birdsound/images/00000006078.jpg
White-tailed Tropicbird	Phaethon lepturus	Hawaii	http://mangoverde.com/birdsound/images/00000005656.jpg
Little Blue Heron	Egretta caerulea	Hawaii	http://mangoverde.com/birdsound/images/00000000048.jpg
Hawaiian Hawk	Buteo solitarius	Hawaii	http://mangoverde.com/birdsound/images/00000013121.jpg
Peregrine Falcon	Falco peregrinus	Hawaii	http://mangoverde.com/birdsound/images/00000003962.jpg
Wild Turkey	Meleagris gallopavo	Hawaii	http://mangoverde.com/birdsound/images/00000014318.jpg
Blue Jay	Cyanocitta cristata	Ohio	http://mangoverde.com/birdsound/images/00000012628.jpg
Wood Stork	Mycteria americana	Ohio	http://mangoverde.com/birdsound/images/00000000072.jpg

Data Collection



```
1 INSERT INTO CAMP.BIRD(BIRD_NAME, SCI_NAME, LOCATION_NAME, PHOTO_URL, VIDEO_URL, SOUND_URL, COMMENTS)
2 VALUES('Great Blue Heron', 'Ardea herodias', 'Yukon', 'http://mangoverde.com/birdsound/images/00000012786.
3 GO
4 INSERT INTO CAMP.BIRD(BIRD_NAME, SCI_NAME, LOCATION_NAME, PHOTO_URL, VIDEO_URL, SOUND_URL, COMMENTS)
5 VALUES('Tundra Swan', 'Cygnus columbianus', 'Yukon', 'http://www.mbr-pwrc.usgs.gov/id/framlst/Song/hl940so
6 GO
7 INSERT INTO CAMP.BIRD(BIRD_NAME, SCI_NAME, LOCATION_NAME, PHOTO_URL, VIDEO_URL, SOUND_URL, COMMENTS)
8 VALUES('Bean Goose', 'Anser fabalis', 'Yukon', 'http://mangoverde.com/birdsound/images/00000003836.jpg', '
9 GO
10 INSERT INTO CAMP.BIRD(BIRD_NAME, SCI_NAME, LOCATION_NAME, PHOTO_URL, VIDEO_URL, SOUND_URL, COMMENTS)
11 VALUES('Mallard', 'Anas platyrhynchos', 'Yukon', 'http://mangoverde.com/birdsound/images/00000000116.jpg',
12 GO
13 INSERT INTO CAMP.BIRD(BIRD_NAME, SCI_NAME, LOCATION_NAME, PHOTO_URL, VIDEO_URL, SOUND_URL, COMMENTS)
14 VALUES('Gray Heron', 'Ardea cinerea', 'Japan', 'http://mangoverde.com/birdsound/images/00000000037.jpg', '
15 GO
16 INSERT INTO CAMP.BIRD(BIRD_NAME, SCI_NAME, LOCATION_NAME, PHOTO_URL, VIDEO_URL, SOUND_URL, COMMENTS)
17 VALUES('Cattle Egret', 'Bubulcus ibis', 'Japan', 'http://mangoverde.com/birdsound/images/00000012761.jpg',
18 GO
19 INSERT INTO CAMP.BIRD(BIRD_NAME, SCI_NAME, LOCATION_NAME, PHOTO_URL, VIDEO_URL, SOUND_URL, COMMENTS)
20 VALUES('Mute Swan', 'Cygnus olor', 'Japan', 'http://mangoverde.com/birdsound/images/00000001037.jpg', 'ht
21 GO
22
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22:1 INS

Close << Previous Next >>

GIS Presentation

http://cimic1.rutgers.edu:8080/camp_mobile_bird



Photo Album

- <http://cimic.rutgers.edu/~quest/Birds/album/index.html>



The Trip

- We visited a trail.
- We observed birds.

We observed plants that were planted to make other birds comfortable with in area.



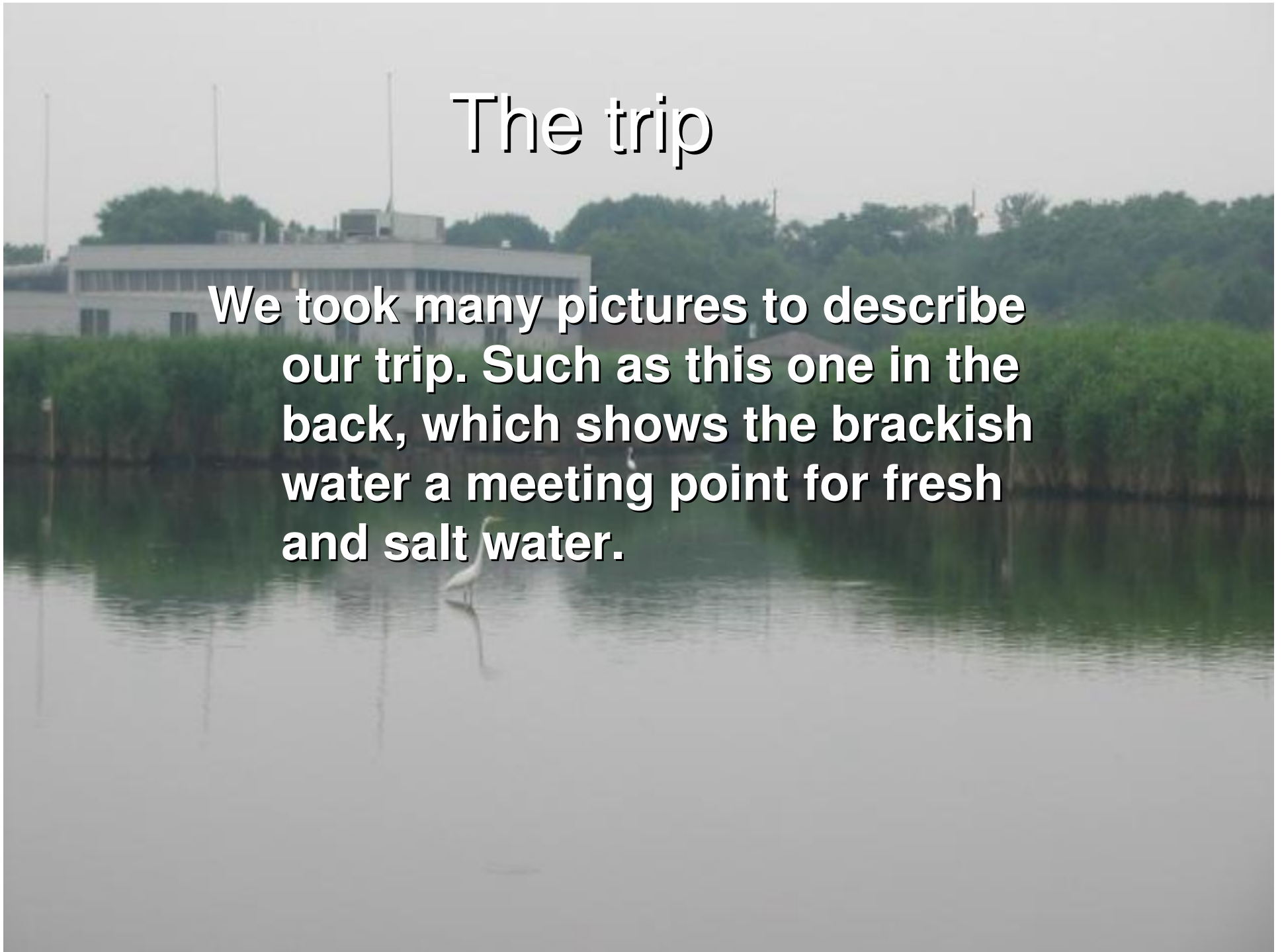
Comfort

- These boxes were one of the reasons tree birds are comfortable because this is where they nest because there are no trees in this area.












The trip

We took many pictures to describe our trip. Such as this one in the back, which shows the brackish water a meeting point for fresh and salt water.



Multimedia bird information

- <http://cimic1.rutgers.edu:8080/mobiledev/GoogleTrailMap.jsp>

	Common Name	Scientific Name	Sound	Video	Comments
	Macaroni Penguin	<i>Eudyptes chrysolophus</i>			
	Chimango Caracara	<i>Milvago chimango</i>			
	King Vulture	<i>Sarcoramphus papa</i>	