



SCAN *South Carolina Association of Naturalists* Post Office Box 5651, Columbia, South Carolina 29250-5651

October 2013

Hi there,

We had our usual good time on another perfect day with a pleasant breeze and a high of 77°. The lepidoptera were in abundance with the Zebra heliconian (*Heliconius charithonius*) spotted by Phil Harpootlian as their star. With the water features the odonates also did well on our listing.



Dung Beetle (*Phanaeus vindex*) - R Hamlin



Kim McManus

Look closely and see Kim's clever logo in the bottom right corner

Attending were Bill Hamel, Jim Boylston, Marsha and Bob Hamlin, Tom Jones, Mary Douglas, Kathy Boyle, Paul Kalbach, Wayne Grooms, Virginia Winn, Phil Harpootlian, Jen Fill, Gene Ott, Kim McManus, Linda Lee, Pat and Jerry Bright.

Following the outing we dined at Dukes BBQ in Aiken and then Kim took a group photo when we could not suck in our bellies.

On November 9 SCAN will have its annual planning meeting. Tell the District Director if you have a place you wish to visit or have access to a special place. You are also welcome to attend the planning meeting. Let us know if you plan to come so we can make room for you.

Due to the government shutdown the October SCAN outing to Sandy Island was cancelled. The SCAN newsletter Wednesday deadline spurred our Washington leaders to take action. Meanwhile Kim McManus and Paul Kalbach have planned 2 outings to cover all possibilities. The trip to Capers Island sounds great but we will have to wait until next year.

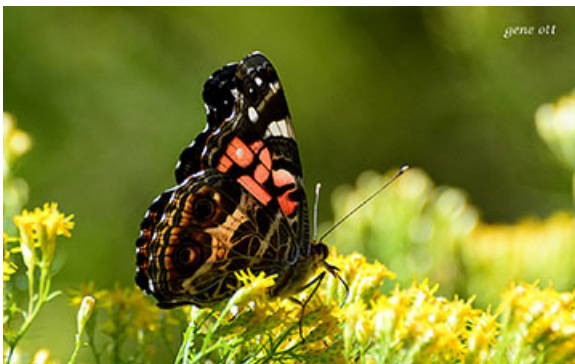


Jerry Bright

Blue-faced Meadowhawk
(*Sympetrum ambiguum*) - R Hamlin



Bob Hamlin, Wayne Grooms, Marsha Hamlin, Phil Harpootlian, Pat Bright, Jim Boylston, Kathy Boyle, Jerry Bright, Paul Kalbach, Jen Fill, Tom Jones, Mary Douglas, Virginia Winn and Kim McManus. Missing is Linda Lee who had to leave early.



American Lady (*Vanessa virginiensis*)



Cloudless Sulphur (*Phoebis sennae*)



Puddling - Kim McManus

Sandy Island Wildlife Management Area – Georgetown County

October 26th, 2013, Meet 10:00 A.M. , Depart 10:30 A.M.

According to the website toursdesandyisland.com:

Sandy Island, considered by many to be the most important piece of land on the South Carolina coast due to its unique ecology and history, is one of the last natural areas along this State's rapidly developing coastline. Until 1996, it was the largest privately owned freshwater island on the East Coast, about fifteen times the size of New York City's famous Central Park. Rich in nature and culture, the forested bluffs and deep, cypress studded creeks typical of Sandy Island have changed little with the passage of centuries. Located between the Waccamaw and Great Pee Dee Rivers near Georgetown, South Carolina, this is a place rich in wildlife habitats, including tidal freshwater forested wetlands, emergent marsh along blackwater and alluvial rivers, and a coastal maritime sandhill community that includes several thousand acres of old-growth longleaf pine. In addition to eagles, osprey, bear, deer and turkey, a significant population live there. On March 8, 1997, Sandy Island was dedicated as a Public Trust Preserve. During the dedication ceremony, the Chairman of South Carolina's Department of Transportation Commission said "Welcome to Forever" as a barred owl and a Cooper's hawk were released as symbols of the island's continuing natural state.

The Nature Conservancy is part owner and manages the longleaf pine forest on the northern end of the island. There are two loop trails that leave from our ferry landing. Little Bull Creek Trail is 2.5 miles long and cuts through the longleaf pine stand before turning and meandering back along Little Bull Creek. The Red-cockaded Woodpecker trail is 4.5 miles long. It overlaps Little Bull Creek Trail through the pine stand, then turns towards the other side of the island and the wetlands before looping back to the ferry landing.

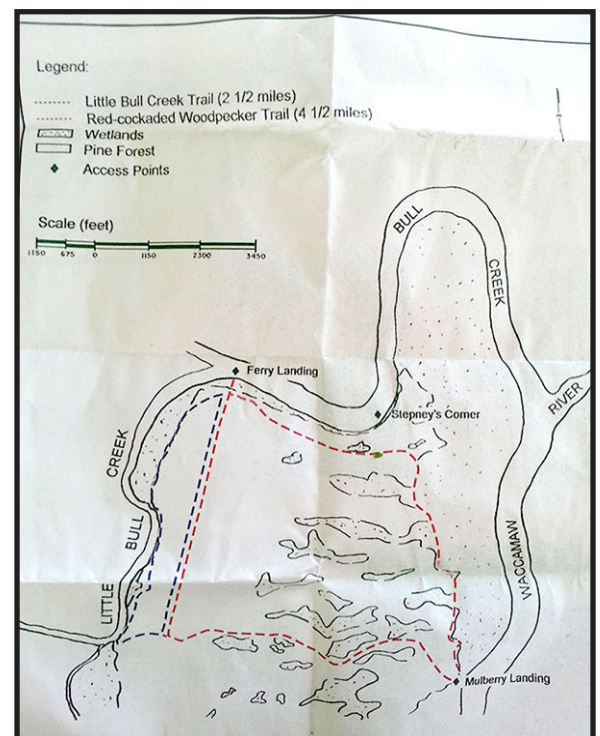
Furman Long with the Nature Conservancy will be on hand with a tractor and trailer to give us some assistance reaching the farther flung areas of the island. The tractor holds up to 15 people. We'll be able to use it as a "hop on / hop off" trolley or a single point A to point B conveyance, as needed.

Logistics

Our trip will start at the Waccamaw National Wildlife Refuge Headquarters in Georgetown. We'll load up on the Island Cat Ferry and depart at 10:30am. After a 40 minute boat ride along a gorgeous blackwater river, we'll arrive at Sandy Island. We will have the option of walking the 2.5 mile Little Bull Creek Trail or utilizing the tractor and trailer to survey other areas of the island. We must be back at the ferry landing before 3:45pm. The Island Cat will return us to the Headquarters dock by 4:30pm. We'll have roughly 30 minutes to disembark and explore the visitor's center before heading to dinner.

Bicycles: the Island Cat can accommodate bicycles if you would like to explore the island on wheels. The terrain is definitely "off-road" so be prepared for a workout.

For those of you who have already reserved your spot with a check: THANK YOU! There are approximately 10 spaces remaining. The cost of the boat ride is \$35. If you would like to join us, please contact Kim McManus at kim.f.mcmanus@gmail.com or 843-708-9901.



Directions to the Waccamaw National Wildlife Refuge Headquarters

GPS Coordinates: 33.653548,-79.164260

21424 N. Fraser Street
Georgetown, SC 29440
843-527-8069

From Georgetown:

From the intersection of Highways 521, 701, & 17, take Hwy 701 North towards Conway. The entrance is exactly 20 miles from Wal-Mart on Hwy 701 North. It will be on your right before you cross the Great Pee Dee River & Yauhannah Lake.

From Conway:

Take Highway 701 South 15 miles towards Georgetown. The entrance is located on the left-hand side of the road right after you cross the Great Pee Dee River & Yauhannah Lake.

Boat Departure - 10:30am

Park in the visitor parking lot and walk along the boardwalk to the visitor's center. Restroom facilities are located inside the building. Go through or around the building and go down the hill to the right to the dock. We'll congregate on the Island Cat. The boat leaves promptly at 10:30, so arrive in plenty of time to park, collect your gear, and make your way to the boat. I recommend arriving ~20 minutes early. The center houses a small nature display as well as a gift shop, so if you would like to do any browsing, you might want to arrive even earlier!

What to wear. What to Bring.

Insect repellent
lunch/snacks
water

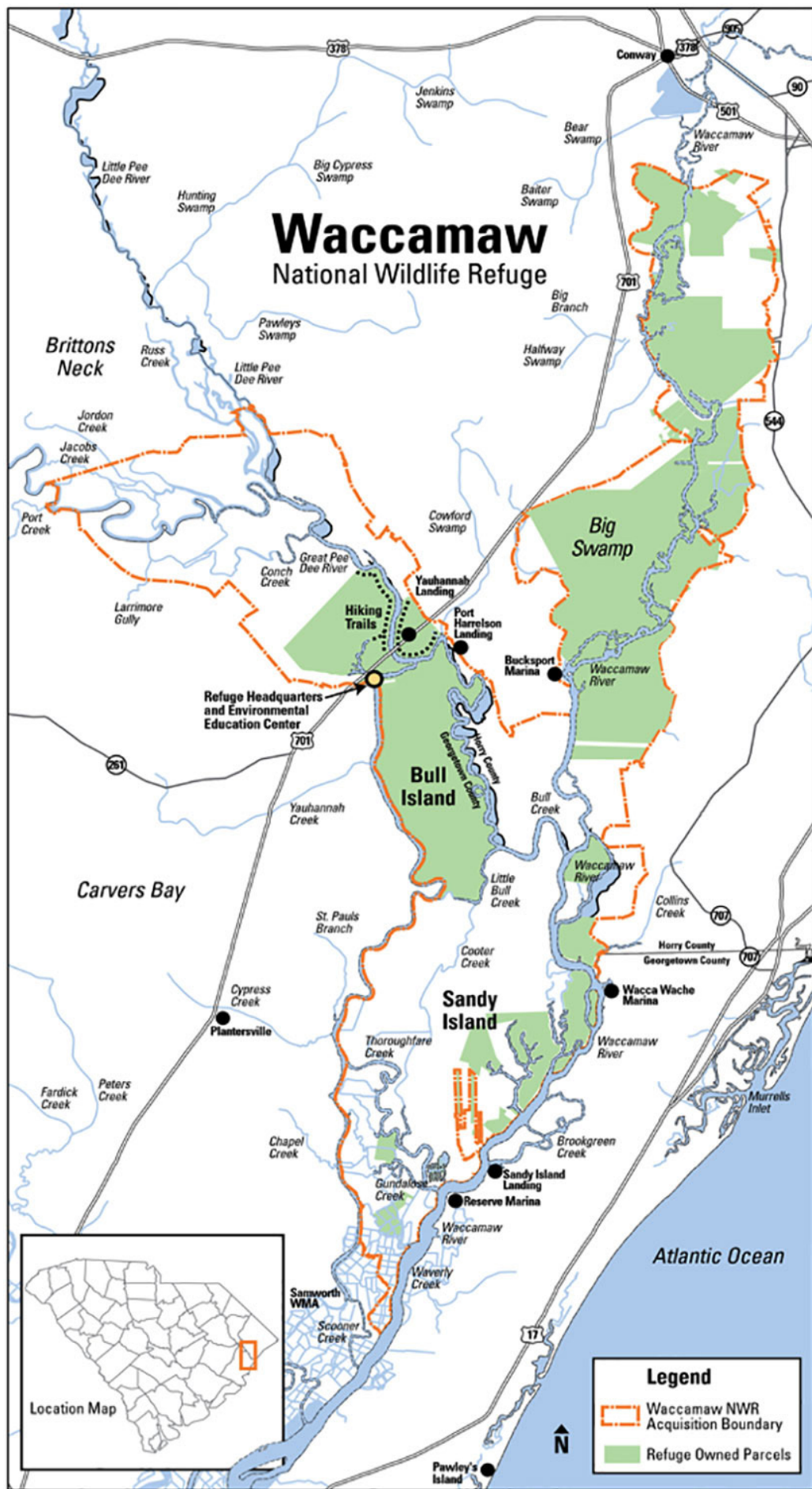
light jacket or long-sleeved shirt (weather dependent) – it's always cooler on the water!

Tip money for the Captain and naturalist (if so inclined)

Dinner – 5:30pm

Big Bill's Low Country Bar-B-Q
2041 N Fraser St
Georgetown, SC 29440
(843) 527-2697

From the Refuge Headquarters, turn left on N Fraser Street towards Georgetown. Go 19.3 miles / 20 minutes. The restaurant will be on your right.



Silver Bluff Audubon Sanctuary

Aiken Co., SC

September 28, 2013

This list was produced by SCAN from sightings produced by SCAN members and is subject to revision as needed. An asterisk (*) indicates a new sighting for SCAN. Send any changes or corrections to Jan Ciegler at jciegler@sc.rr.com. Please indicate exactly to which flora/fauna list you are referring. Thank you.

FLORA

Bracken

Pteridium aquilinum

Ebony Spleenwort

Asplenium platyneuron

Longleaf Pine

Pinus palustris

Bald-cypress

Taxodium distichum

Green Arrow-arum

Peltandra virginica

Yellow-eyed Grass

Xyris sp.

Marsh Dewflower

Murdannia keisak

Common Rush

Juncus effusus solutus

Blue Sedge

Carex glaucescens

Umbrella Sedge

Cyperus plukenetii

Hairy Umbrella-sedge

Fuirena squarrosa

Short-bristle Horned

Beaksedge

Rhynchospora corniculata corniculata

Splitbeard Bluestem

Andropogon ternarius ternarius

Southern Wiregrass

Aristida beyrichiana

Seabeach Needlegrass

Aristida tuberculosa

Slender Spikegrass

Chasmanthium laxum

Lovegrass

Eragrostis sp.

Warty Panic Grass

Panicum verrucosum

Giant Plume Grass

Saccharum giganteum

American Cupscale

Sacciolepis striata

Common Little Bluestem

Schizachyrium scoparium scoparium

Yellow Indiangrass

Sorghastrum nutans

Purpletop Tridens

Tridens flavus

Common Cattail

Typha latifolia

Spanish-moss

Tillandsia usneoides

Catbrier

Smilax bona-nox

Whiteleaf Greenbrier

Smilax glauca

Common Greenbrier

Smilax rotundifolia

Southern Magnolia

Magnolia grandiflora

Swamp Bay

Persea palustris

Sassafras

Sassafras albidum

Sweet Gum

Liquidambar styraciflua

Red Mulberry

Morus rubra

Water Hickory

Carya aquatica

Mockernut Hickory

Carya tomentosa

Common Wax-myrtle

Morella cerifera

Sand Laurel Oak

Quercus hemisphaerica

Turkey Oak

Quercus laevis

Blackjack Oak

Quercus marilandica marilandica

Water Oak

Quercus nigra

Common Pokeweed

Phytolacca americana

Prickly-pear

Opuntia humifusa

Carpetweed

Mollugo verticillata

Soapwort

Saponaria officinalis

Pineweed

Hypericum gentianoides

St. Andrew's Cross

Hypericum hypericoides

Creeping Cucumber

Melothria pendula pendula

Black Willow

Salix nigra

Sparkleberry

Vaccinium arboreum

Deerberry

Vaccinium stamineum

Southern Blueberry

Vaccinium tenellum

American Persimmon

Diospyros virginiana

Horsesugar

Symplocos tinctoria

Virginia-willow

Itea virginica

Black Cherry

Prunus serotina serotina

Mimosa

Albizia julibrissin

Common Sensitive-plant

Chamaecrista nictitans nictitans

Butterfly Pea

Clitoria mariana mariana

Matted Tick-trefoil

Desmodium lineatum

Pineland Tick-trefoil

Desmodium strictum

Goat's-rue

Tephrosia spicata

Virginia Goat's-rue

Tephrosia virginiana

Toothcup

* *Rotala ramosior*

Alternate-leaf Seedbox

Ludwigia alternifolia

Meadow-beauty

Rhexia mariana

Swamp Tupelo

Nyssa biflora

American Holly

Ilex opaca opaca

Shortstalk Copperleaf

Acalypha gracilens

Spotted Spurge

Chamaesyce maculata

Peppervine

Ampelopsis arborea

Virginia-creeper

Parthenocissus quinquefol

Muscadine

Vitis rotundifolia rotundifolia

Red Maple

Acer rubrum

Silver Maple

Acer saccharinum

Winged Sumac

Rhus copallinum

Eastern Poison Ivy

Toxicodendron radicans radicans

Chinaberry

Melia azedarach

Devil's-walking-stick

Aralia spinosa

Carolina Jessamine

Gelsemium sempervirens

Climbing Dogbane

Trachelospermum difforme

Smooth Ground-cherry

Physalis angulata angulata

Ivyleaf Morning-glory

Ipomoea hederacea

Beautyberry

Callicarpa americana

Common Skullcap

Scutellaria integrifolia

Common Blue Curls

Trichostema dichotomum

Polypremum

Polypremum procumbens

Chinese Privet

Ligustrum sinense

Purple-foxglove

Agalinis fasciculata

Trumpet-creeper

Campsis radicans

Lobelia

Lobelia puberula

Wahlenbergia <i>Wahlenbergia marginata</i>	FAUNA	Giant Swallowtail <i>Papilio cresphontes</i>	Greater Yellowlegs <i>Tringa melanoleuca</i>
Buttonbush <i>Cephalanthus occidentalis</i>	Spiny-backed Spider <i>Micrathena gracilis</i>	Eastern Tiger Swallowtail <i>Papilio glaucus</i>	Lesser Yellowlegs <i>Tringa flavipes</i>
Buttonweed <i>Diodia virginiana</i>	Golden-silk Spider <i>Nephila clavipes</i>	Cloudless Sulphur <i>Phoebis sennae eubule</i>	Solitary Sandpiper <i>Tringa solitaria</i>
Japanese Honeysuckle <i>Lonicera japonica</i>	Florida Harvester Ant <i>Pogonomyrmex badius</i>	Little Yellow (butterfly) <i>Eurema lisa</i>	Turkey Vulture <i>Cathartes aura</i>
Common Ragweed <i>Ambrosia artemisiifolia</i>	Sweat Bee <i>* Halictus sp.</i>	Sleepy Orange <i>Abaeis nicippe</i>	Black Vulture <i>Coragyps atratus</i>
Eastern False-boneset <i>Brickellia eupatorioides eupatorioides</i>	Large Carpenter Bee <i>Xylocopa virginica virginica</i>	Eastern Tailed-blue <i>Cupito comyntas</i>	Red-shouldered Hawk <i>Buteo lineatus</i>
Horseweed <i>Conyza canadensis</i>	Honey Bee <i>Apis mellifera</i>	American Snout (butterfly) <i>Libytheana carinenta</i>	Red-tailed Hawk <i>Buteo jamaicensis</i>
Yerba-de-tajo <i>Eclipta prostrata</i>	Common Green Darner <i>Anax junius</i>	Gulf Fritillary <i>Agraulis vanillae</i>	Barred Owl <i>Strix varia</i>
Elephant's-foot <i>Elephantopus tomentosus</i>	Four-spotted Pennant Dragonfly <i>Brachymesia gravida</i>	Zebra Heliconian <i>Heliconius charithonius</i>	Red-headed Woodpecker <i>Melanerpes erythrocephalus</i>
Fireweed <i>Erechtites hieraciifolius</i>	Calico Pennant (dragonfly) <i>Celithemis elisa</i>	Question Mark (butterfly) <i>Polygonia interrogationis</i>	Tree Swallow <i>Tachycineta bicolor</i>
Common Dog-fennel <i>Eupatorium capillifolium</i>	Eastern Pondhawk <i>Erythemis simplicicollis</i>	American Lady (butterfly) <i>Vanessa virginiensis</i>	American Crow <i>Corvus brachyrhynchos</i>
Coastal Dog-fennel <i>Eupatorium compositifolium</i>	Twelve-spotted Skimmer <i>Libellula pulchella</i>	Common Buckeye <i>Junonia coenia</i>	Eastern Fox Squirrel <i>Sciurus niger</i>
Ragged Eupatorium <i>Eupatorium pilosum</i>	Roseate Skimmer (dragonfly) <i>Orthemis ferruginea</i>	Red-spotted Purple (butterfly) <i>Limenitis arthemis astyanax</i>	White-tailed Deer <i>Odocoileus virginianus</i>
Common Roundleaf Eupatorium <i>Eupatorium rotundifolium</i>	Blue Dasher <i>Pachydiplax longipennis</i>	Hackberry Emperor (butterfly) <i>Asterocampa celtis</i>	
Flat-topped Goldenrod <i>Euthamia caroliniana</i>	Wandering Glider <i>Pantala flavescens</i>	Long-tailed Skipper <i>Urbanus proteus</i>	
Climbing Hempweed <i>Mikania scandens</i>	Eastern Amberwing (dragonfly) <i>Perithemis tenera</i>	Virginian Tiger Moth (larva) <i>Spilosoma virginica</i>	
Grass-leaved Golden-aster <i>Pityopsis graminifolia latifolia</i>	Common Whitetail <i>Plathemis lydia</i>	Smeared Dagger Moth (larva) <i>* Acronicta obliterata</i>	
Camphorweed <i>Pluchea camphorata</i>	Blue-faced Meadowfly <i>Sympetrum ambiguum</i>	Bullfrog <i>Lithobates catesbiana</i>	
Fragrant Rabbit-tobacco <i>Pseudognaphalium obtusifolium</i>	Black Saddlebags <i>Tramea lacerata</i>	Green Anole <i>Anolis carolinensis</i>	
Eastern Gray Goldenrod <i>Solidago nemoralis nemoralis</i>	Swamp Spreadwing (damselfly) <i>Lestes vigilax</i>	Eastern Fence Lizard <i>Sceloporus undulatus</i>	
Licorice Goldenrod <i>Solidago odora odora</i>	Rambur's Forktail (damselfly) <i>Ischnura ramburi</i>	Anhinga; Snakebird <i>Anhinga anhinga</i>	
Wand Goldenrod <i>Solidago stricta</i>	Citrine Forktail (damselfly) <i>Ischnura hastata</i>	Little Blue Heron <i>Egretta caerulea</i>	
Southern Crownbeard <i>Verbesina occidentalis</i>	Earth-boring Dung Beetle <i>Eucanthus subtropicus</i>	Great Egret <i>Casmerodius albus</i>	
Cocklebur <i>Xanthium strumarium</i>	Tumblebug; Dung Beetle <i>Melanocanthus bispinatus</i>	Great Blue Heron <i>Ardea herodias</i>	
Turkey-tail <i>Trametes versicolor</i>	Dung Beetles <i>Phanaeus vindex</i> <i>Onthophagus hecate</i>	Wood Stork <i>Mycteria americana</i>	
		Killdeer <i>Charadrius vociferus</i>	