

3-30-2023

## Kerstetter et al. Supplemental Materials

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## **Supplemental Material:**

Representative animal photos from West Lake Park in Broward County, Florida (USA) taken with Moultrie infrared game cameras (models MFH-DGS-D55IR-P and MFH-DGS-D55IR, 5.0 MP camera resolution). Photos are unaltered from originals downloaded from the game camera units.

Photos also show two habitat types common to West Lake Park: Type 1) wet intertidal grounds around red mangrove (*Rhizophora mangle*) and black mangrove (*Avicennia germinans*) roots, and Type 2) dry grounds above the high tideline around trees, coastal shrubs, and grasses.

Photos taken under research permits LSSC-18-00060 (Florida Fish and Wildlife Conservation Commission) and ES2019-001 (Broward County).

Common raccoons (*Procyon lotor*) seen during game camera deployments in West Lake Park, Broward County, Florida (USA). Raccoons were seen both during day and night periods.

Middle photo shows two kits in the center, with the tail of the female visible on the right side.

Moultrie infrared game cameras (models MFH-DGS-D55IR-P and MFH-DGS-D55IR, 5.0 MP camera resolution).

Note that the date-stamp on the camera for the bottom photo was set incorrectly (i.e., the actual local date was 01/06/2020).

Photos taken under research permits LSSC-18-00060 (Florida Fish and Wildlife Conservation Commission) and ES2019-001 (Broward County).



Common raccoons (*Procyon lotor*) seen during game camera deployments in West Lake Park, Broward County, Florida (USA). In all three photos, individuals are actively feeding on chick carcasses.

Moultrie infrared game cameras (models MFH-DGS-D55IR-P and MFH-DGS-D55IR, 5.0 MP camera resolution).

Note that the date-stamp on the camera for the bottom photo was set incorrectly (i.e., the actual local date was 01/14/2020).

Photos taken under research permits LSSC-18-00060 (Florida Fish and Wildlife Conservation Commission) and ES2019-001 (Broward County).



Virginia opossums (*Didelphis virginiana*) seen during game camera deployments in West Lake Park, Broward County, Florida (USA). Individual opossums were seen only during night periods, hence lack of color photos.

Moultrie infrared game cameras (models MFH-DGS-D55IR-P and MFH-DGS-D55IR, 5.0 MP camera resolution).

Note that the date-stamp on the camera for the upper photo was set incorrectly (i.e., the actual local date was 01/02/2020).

Photos taken under research permits LSSC-18-00060 (Florida Fish and Wildlife Conservation Commission) and ES2019-001 (Broward County).



Virginia opossums (*Didelphis virginiana*) seen during game camera deployments in West Lake Park, Broward County, Florida (USA).

In all three photos, individuals are actively feeding on chick carcasses.

Moultrie infrared game cameras (models MFH-DGS-D55IR-P and MFH-DGS-D55IR, 5.0 MP camera resolution).

Photos taken under research permits LSSC-18-00060 (Florida Fish and Wildlife Conservation Commission) and ES2019-001 (Broward County).



Marsh rice rat (*Oryzomys palustris*) in West Lake Park, Broward County, Florida (USA). Note ants eating chick carcass in the bottom photo, with marsh rice rat to the left of the frame.

Moultrie infrared game cameras (models MFH-DGS-D55IR-P and MFH-DGS-D55IR, 5.0 MP camera resolution).

Photos taken under research permits LSSC-18-00060 (Florida Fish and Wildlife Conservation Commission) and ES2019-001 (Broward County).



Marsh rice rat (*Oryzomys palustris*) in West Lake Park, Broward County, Florida (USA).

Moultrie infrared game cameras (models MFH-DGS-D55IR-P and MFH-DGS-D55IR, 5.0 MP camera resolution).

Photos taken under research permits LSSC-18-00060 (Florida Fish and Wildlife Conservation Commission) and ES2019-001 (Broward County).





Blue land crabs (*Cardisoma quanhumi*) in West Lake Park, Broward County, Florida (USA). Note that these shown individuals are juveniles, which have a more striking orange and blue coloration than adults.

Moultrie infrared game cameras (models MFH-DGS-D55IR-P and MFH-DGS-D55IR, 5.0 MP camera resolution).

Photos taken under research permits LSSC-18-00060 (Florida Fish and Wildlife Conservation Commission) and ES2019-001 (Broward County).



Vultures in West Lake Park,  
Broward County, Florida (USA).

Turkey Vulture (*Cathartes aura*)  
in top photo feeding in intertidal  
red mangroves. Note sisal cord  
at center connected to chick  
carcass bait partially submerged  
under red mangrove prop roots.  
This feeding event had a duration  
of 21 minutes between first  
appearance photo and final photo.

Turkey Vulture in middle photo  
feeding in intertidal red  
mangroves, with portion of bait  
feeder chicken feathers. This  
feeding event had a duration of  
19 minutes between first  
appearance photo and final photo.

Turkey Vulture and Black Vulture  
(*Coragyps atratus*) in bottom  
photo feeding in intertidal red  
and black mangroves. Not shown  
are three additional Turkey  
Vultures feeding during the same  
period, which had a duration of  
89 minutes from first vulture  
appearance photo until final  
vulture sighting photo.

Moultrie infrared game camera  
(model MFH-DGS-D55IR-P, 5.0  
MP camera resolution).

Photos taken under research  
permits LSSC-18-00060 (Florida  
Fish and Wildlife Conservation  
Commission) and ES2019-001  
(Broward County).



Lizard species seen during game camera deployments in West Lake Park, Broward County, Florida (USA). Invasive green iguana (*Iguana iguana*).

Moultrie infrared game cameras (model MFH-DGS-D55IR-P and MFH-DGS-D55IR, 5.0 MP camera resolution).

Photos taken under research permits LSSC-18-00060 (Florida Fish and Wildlife Conservation Commission) and ES2019-001 (Broward County).



Lizard species seen during game camera deployments in West Lake Park, Broward County, Florida (USA). Invasive knight anole (*Anolis equestris*).

Moultrie infrared game camera (model MFH-DGS-D55IR-P, 5.0 MP camera resolution).

Photos taken under research permits LSSC-18-00060 (Florida Fish and Wildlife Conservation Commission) and ES2019-001 (Broward County).



Rare-event species seen during game camera deployments in West Lake Park, Broward County, Florida (USA). Top: Common Yellowthroat warbler (*Geothlypis trichas*), middle: juvenile White Ibis (*Eudocimus albus*), and bottom: Yellow-crowned Night Heron (*Nyctanassa violacea*).

Note that the clock on the camera for the night heron photo was offset by 12 hours (i.e., the actual local time was 11:47 pm). Note too that the date-stamp on the camera for the bottom photo was set incorrectly (i.e., the actual local date was 12/11/2019).

Moultrie infrared game cameras (models MFH-DGS-D55IR-P and MFH-DGS-D55IR, 5.0 MP camera resolution).

Photos taken under research permits LSSC-18-00060 (Florida Fish and Wildlife Conservation Commission) and ES2019-001 (Broward County).



Rare-event species seen during game camera deployments in West Lake Park, Broward County, Florida (USA). Eastern grey squirrel (*Sciurus carolinensis*).

Moultrie infrared game cameras (models MFH-DGS-D55IR-P and MFH-DGS-D55IR, 5.0 MP camera resolution).

Photos taken under research permits LSSC-18-00060 (Florida Fish and Wildlife Conservation Commission) and ES2019-001 (Broward County).

