

From: Eaton, Kristin <Kristin.Eaton@fpl.com>
Sent: Friday, January 6, 2023 11:59 AM
To: 'audra.livergood@noaa.gov'
Cc: Briana Arlene; Munne, Vince; Falkiewicz, Timothy
Subject: [External_Sender] PSL Smalltooth Sawfish Capture 1/5/23
Attachments: Photo Jan 05 2023, 16 29 33.jpg; PXL_20230105_210203108.jpg; FPL Sawfish #04_20230105.pdf; Photo Jan 05 2023, 16 22 34.jpg

Hi Audra,

Yesterday, 1/5/23, the St. Lucie Plant captured a healthy, female smalltooth sawfish. The sawfish was successfully captured, tagged, and released. Additional information is below and attached, per the Biological Opinion (BO). This is the first smalltooth sawfish capture since the BO was issued in August. Please let me know if you have any additional questions.

Time and location of first sighting: 13:15 in the north tangle net in the intake canal.
Data collected (by Harbor Branch): measurements, fin clips, blood, PIT and acoustic tag inserted.
Handling time: First observed at 13:15, released at 16:33 at the beach near intake canal (most of this time was preparation and waiting for Harbor Branch researchers to arrive, not actual "handling" of the animal).
Any observed injury/behavior: No observed injuries or erratic behavior.
Condition of the animal at time of release: Condition was very good at the time of release.
Photographs of the animal: Attached

Thanks,

Kristin (Peekstok) Eaton
Florida Power & Light Company
Environmental Services | Wildlife
700 Universe Blvd.
Juno Beach, FL 33408
W: 561-691-7132



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Subject: [External_Sender] PSL Smalltooth Sawfish Capture 1523
Sent Date: 1/6/2023 11:58:43 AM
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From: Eaton, Kristin

Created By: Kristin.Eaton@fpl.com

Recipients:

"Briana Arlene" <briana.arlene@nrc.gov>
Tracking Status: None
"Munne, Vince" <Vince.Munne@fpl.com>
Tracking Status: None
"Falkiewicz, Timothy" <Timothy.Falkiewicz@fpl.com>
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Files	Size	Date & Time
MESSAGE	1855	1/6/2023 12:02:16 PM
Photo Jan 05 2023, 16 29 33.jpg		3585349
PXL_20230105_210203108.jpg		5105793
FPL Sawfish #04_20230105.pdf		44400
Photo Jan 05 2023, 16 22 34.jpg		3282374

Options

Priority: Normal
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:





Smalltooth ' Fish Capture Record

Date: 1/5/23 Pi: MM crew: IRG Fish number: of in this net

Reference:

Location: FPL intake canal

Capture Lat / Lon: 27 20.7252 -80 14.2538

Release Lat / Lon: 27 20.7262 -80 14.1532

Gear: Tangle Net Capture time: 13:14

Capture depth (m): 25 Release time: 16:33

Measurements Measure_method: Tap

Sex: F Done By: MM + IRG

PCL (mm): 3300

FL (mm): 3610

STL (mm): 3872

DW (mm): 1100

RL (mm): 880 Sheath?

Measure tooth R10 H: 18 W: 10

Right clasper (mm):

Samples and Imaging

FWC Video Rototag #1 Genetics?

Rostrum Photos Rototag #2 Genetics?

FWC Photos Taken Fincip Genetics?

Clasper Photos Blood?

Feces?

Photo Notes: Photos by IRG + S. Webb

Dorsal Health: Spiracles Clear? Eyes Clear?

Overall good condition. No obvious injuries/cuts/scrapes. No parasites.

Ventral Health: Mouth Clear? Nostrils Clear?

No parasites. Minor cuts & scrapes, likely from coming in through intake pipe

Parasites? Marine debris on the fish? Debris removed?

Describe parasites, debris, location, effect, and # removed/sampled:

No parasites

Tagging Information New fish? Recap?

FWC#: Rototag#: Blank

PIT scanned before? PIT scanned after?

PIT tag#: 989001033442354

VR2 Test OK? VR2 ID code: 62141 SN# 12891016

VR2 Tag type: V16 Needle size: 08-8 Suture #: 3

Manual Tag? Manual ID code:

Manual tag frequency:

Work up location: IRG Cava Aerator?

min DO: max DO: DO range:

Notes about this Capture (Use reverse if needed):

release time 16:33 successful release

Tag surgery start 16:05

Tag activated 16:09

surgery end 16:14

L 25 **R** 24

Rostral Tooth Counts

Broken/missing

L30		R30	
L29		R29	
L28		R28	
L27		R27	
L26		R26	
L25		R25	
L24		R24	
L23		R23	
L22		R22	
L21		R21	
L20		R20	
L19		R19	
L18		R18	
L17		R17	
L16		R16	
L15		R15	
L14		R14	
L13		R13	
L12		R12	
L11		R11	
L10		R10	
L9		R9	
L8		R8	
L7		R7	
L6		R6	
L5		R5	
L4		R4	
L3		R3	
L2		R2	
L1		R1	

LEGEND

M.# = Missing fraction*

T = Tipped

G = Missing, base gone

B = Missing, base present

S = Cracked/Split

L = Loose

K = Kept

* Use decimal percent

will let FWC -
ch Lab fill in.
Rostrum pretty
beat up.

1601-activat
1614



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