



Phaedra Doukakis - NOAA Affiliate <phaedra.doukakis@noaa.gov>

Fwd: Yuba River green sturgeon

Joe Heublein - NOAA Federal <joe.heublein@noaa.gov>

Mon, Jun 25, 2018 at 2:20 PM

To: Phaedra Doukakis - NOAA Affiliate <phaedra.doukakis@noaa.gov>

----- Forwarded message -----

From: **Beccio, Marc@Wildlife** <Marc.Beccio@wildlife.ca.gov>

Date: Mon, Jun 25, 2018 at 1:59 PM

Subject: RE: Yuba River green sturgeon

To: Joe Heublein - NOAA Federal <joe.heublein@noaa.gov>

Hi Joe,

Of the 30 eggs we vouchered, all appear to be green sturgeon eggs based on diameter (average size around 5.25 mm diameter) and coloration. I'm about 99% confident that the approximately 240 eggs we left on the mat were green sturgeon eggs as well. We got some really close looks at 5-6 adult sturgeon in the Daguerre Point Dam pool and they were all greens. The only other eggs we've collected on the mats are American shad eggs which are 2-3mm in diameter and nearly transparent.

To confirm, the PIT tag antenna is just upstream of the Simpson Lane Bridge. We also picked up an acoustic tag detection in the Daguerre Point Dam pool of a green sturgeon that was rescued from Tisdale Weir in April of 2011. Based on telemetry data, this sturgeon continued its spawning migration up the Sacramento River in 2011.

I just talked with our 4(d) permit coordinator we will be removing the mats from the Yuba on this Tuesday or Wednesday and terminating sampling for the season. She is scheduling a conference call with Amanda and Shivonne for later this week.

Thanks,

Marc

From: Joe Heublein - NOAA Federal <joe.heublein@noaa.gov>

Sent: Monday, June 25, 2018 10:44 AM

To: Beccio, Marc@Wildlife <Marc.Beccio@wildlife.ca.gov>

Subject: Re: Yuba River green sturgeon

Mi Marc,

Thanks for the updates. Were all 270 eggs were from green sturgeon? Any chance there were eggs from other

species on the mat?

Thanks,

Joe

On Mon, Jun 25, 2018 at 11:15 AM, Beccio, Marc@Wildlife <Marc.Beccio@wildlife.ca.gov> wrote:

Hi Joe,

I'm still waiting for direction regarding our permit for egg sampling. Shivonne has been talking to some of the other permitting staff to determine if the eggs remaining on the mat will be considered as part of our directed lethal take.

I think the PIT tag antenna installed by PSMFC is at the Simpson Lane Bridge. I'll check with them to make sure.

Thanks,

Marc

From: Joe Heublein - NOAA Federal <joe.heublein@noaa.gov>

Sent: Monday, June 25, 2018 7:00 AM

To: Beccio, Marc@Wildlife <Marc.Beccio@wildlife.ca.gov>

Subject: Re: Yuba River green sturgeon

Hey Marc,

Quick question- where's the PIT tag antenna located that CDFW detected the adult green sturgeon on the Yuba a few months ago? Any developments on the egg sampling permit?

Thanks

Joe

On Tue, Jun 19, 2018 at 6:17 PM, Beccio, Marc@Wildlife <Marc.Beccio@wildlife.ca.gov> wrote:

Thanks Joe.

We had another 3 mats within 15-20 feet of the jackpot mat but none of those had eggs on them. Sometimes it's better to be lucky than good!

Marc

From: Joe Heublein - NOAA Federal <joe.heublein@noaa.gov>
Sent: Tuesday, June 19, 2018 3:09 PM
To: Beccio, Marc@Wildlife <Marc.Beccio@wildlife.ca.gov>
Cc: Amanda Cranford - NOAA Federal <amanda.cranford@noaa.gov>; Shivonne Nesbit - NOAA Federal <shivonne.nesbit@noaa.gov>
Subject: Re: Yuba River green sturgeon

Awesome news Marc!

I'll defer to Shivonne on whether adjustments can be made to your permit so egg sampling can continue

Best,

Joe

On Tue, Jun 19, 2018 at 5:47 PM, Beccio, Marc@Wildlife <Marc.Beccio@wildlife.ca.gov> wrote:

Joe,

We documented spawning of sDPS green sturgeon in the Yuba River immediately downstream of Daguerre Point dam on Friday, June 15. We had eight egg mats deployed there, but only one mat had green sturgeon eggs on it - approximately 270 of which we vouchered 30. Our permit only allows for lethal take of 100 eggs and since we still had half of the mats to retrieve we redeployed the mat. I'm waiting to hear back from Amanda or Shivonne to see if we can continue sampling or if the eggs that remained on the mat we redeployed will be considered as lethal take.

Marc Beccio

Environmental Scientist

CDFW

Region 2 Anadromous Fisheries

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I am working remotely at the Southeast Regional Office until early December.

Joe Heublein

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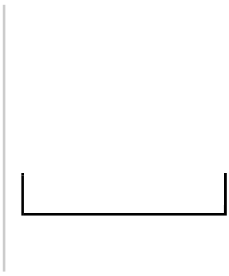
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