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**From:** Joe Heublein - NOAA Federal <joe.heublein@noaa.gov>  
**Sent:** Monday, April 1, 2019 9:43 AM  
**To:** Barbara Byrne - NOAA Federal  
**Cc:** Page Vick - NOAA Affiliate  
**Subject:** Re: would GS benefit from more SJR floodplain?

Hi Barb,

You could include something like this-

Green sturgeon spawning has not been documented in the San Joaquin River Watershed. Juvenile green sturgeon outmigration behavior in the Sacramento River is poorly understood and floodplain rearing has not been documented. However, there are a number of benefits that floodplain habitat could provide juvenile green sturgeon such as increased growth opportunity and refuge from predators.

-Joe

On Sat, Mar 30, 2019 at 5:49 PM Barbara Byrne - NOAA Federal <[barbara.byrne@noaa.gov](mailto:barbara.byrne@noaa.gov)> wrote:  
In my San Joaquin River effects analysis, I say:

The ROC LTO BA describes the “Lower SJR Rearing Habitat” conservation measure as (emphasis added) “Reclamation **may** work with private landowners to create a bottom-up, locally driven regional partnership to define and implement a large-scale floodplain habitat restoration effort in the Lower San Joaquin River. ... Such a large scale effort along this corridor would require **significant support from a variety of stakeholders, which could be facilitated through a regional partnership.**” NMFS supports both regional partnerships and multi-benefit floodplain habitat restoration projects in the San Joaquin basin and expects that such a project would provide benefits to outmigrating CV steelhead and CV spring-run Chinook salmon.

**Should I add green sturgeon to the list of species which might benefit from a large-scale SJR floodplain project? If so, what kinds of benefits would they get?**

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