[EXTERNAL] Re: Update to the NPS Expanded Nonnative Aquatic Species Management Plan - species risk assessment (Appendix F)

## Jan Boyer <JBoyer@azgfd.gov>

Thu 8/26/2021 9:21 AM

To: Healy, Brian BH <Brian\_Healy@nps.gov>

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Hi Brian,

I just wanted to mention that there was a scientist, Nick Schulte, studying didymo (rock snot) on the June Grand Canyon Youth trip I was on recently. He should be able to provide more up to date information on didymo in the Grand Canyon, he was doing underwater observations with one of those viewing cones and also had a microscope so he could verify algae samples. You can contact him at <a href="Micholas.Schulte@colorado.edu">Nicholas.Schulte@colorado.edu</a> if you want more information about didymo distribution.

Jan

On Wed, Aug 25, 2021 at 4:27 PM Healy, Brian BH < Brian Healy@nps.gov > wrote:

## Hello All,

We have made a few changes to an appendix (F) in the NPS Expanded Nonnative Aquatic Species Management Plan that outlines the risk each species poses to native fish in Grand Canyon NP and to rainbow trout in Glen Canyon NRA. The plan allows for annual review and updates of this appendix based on new information. We've developed a short paper explaining the changes that have been made for each species, which are based on new information related to distribution, abundance, and published research related to threats to resources of management concern. These changes were made following a review of the literature and requests for review by biologists with the USGS-GCMRC, Arizona Game and Fish Department, US Fish and Wildlife Service, and Bureau of Reclamation. It is important to keep this information up-to-date to inform our management response in case new invasions or changes in abundance of invasive species occur.

Please let me know if you have any questions.

Thank you so much for your interest in management of aquatic species in Glen Canyon NRA and Grand Canyon NP!

Brian Healy
Native Fish Ecology and Conservation Program
Fisheries Biologist/Program Manager
Grand Canyon National Park
1824 S. Thompson St.

## Flagstaff, AZ 86001

Brian\_Healy@nps.gov

928-638-7453 (while teleworking 970-471-3407)

--

Jan Boyer | WILDLIFE SPECIALIST II (FISHERIES BIOLOGIST)

RESEARCH BRANCH

ARIZONA GAME AND FISH DEPARTMENT

OFFICE: 928-226-7677 MOBILE: 928-275-1062 EMAIL: <u>jboyer@azgfd.gov</u>

azgfd.gov | 506 N. Grant St., Suite L, Flagstaff, AZ 86004

Join our new Conservation Membership program and ensure a wildlife legacy for the future.

www.azgfd.gov