
From: Garwin Yip - NOAA Federal <garwin.yip@noaa.gov>
Sent: Wednesday, November 21, 2018 12:58 PM
To: Barbara Byrne - NOAA Federal
Cc: Davis, Luke; Justin Ly - NOAA Federal; Katrina Harrison
Subject: Re: ROC action area and species to consult on

— Trinity species:

++ The 2008 BA included SONCC coho salmon, so that shouldn't change for ROC on LTO (we just didn't complete the TRD consultation in our 2009 BiOp).

++ Justin—should we include eulachon?

— ESA:

++ “DPA” should be “DPS”

++ Should include Southern Resident (SR) killer whales

++ Also designated critical habitats for all listed species except for SR killer whales

— EFH: add:

++ Coastal Pelagic species

++ Pacific Groundfish species

Sent from my iPad

On Nov 21, 2018, at 12:02 PM, Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov> wrote:

Justin -- What do you recommend as a "species list" within the action area affected by Trinity Division operations?

Garwin -- Any additional suggestions?

Luke -- Because my understanding is that the Proposed Action for the current reinitiation effort includes Trinity operations (not evaluated in the 2009 BiOp), that will likely expand the species list compared to what we evaluated in the 2009 BiOp (e.g. likely adding at least SONCC coho, based on the species considered in the TRRP BiOp). I defer to Justin Ly at our Arcata office to weigh in on that. For CVP/SWP ops within the Central Valley, I suggest considering the species evaluated in the 2009 CVP-SWP BiOp (see cover letter attached):

For ESA:

Sacramento River winter-run Chinook salmon
Central Valley spring-run Chinook salmon
Central Valley steelhead
Southern DPA of North American green sturgeon
Central California Coast steelhead

For Essential Fish Habitat Conservation Recommendations, under Magnuson-Stevens Fishery Conservation and Management Act:

Pacific Coast Salmon species

Some NMFS resources pages:

West Coast Salmon & Steelhead listings page with links to lots of other good stuff: https://www.westcoast.fisheries.noaa.gov/protected_species/salmon_steelhead/salmon_and_steelhead_listings/salmon_and_steelhead_listings.html

2016 Salmonid Status

Reviews: https://www.westcoast.fisheries.noaa.gov/publications/status_reviews/salmon_steelhead/2016_status_review.html

Green Sturgeon

info: https://www.westcoast.fisheries.noaa.gov/protected_species/green_sturgeon/green_sturgeon_pg.html

Critical Habitat on the West

Coast: https://www.westcoast.fisheries.noaa.gov/habitat/critical_habitat/critical_habitat_on_the_wc.html

EFH on the West

Coast: https://www.westcoast.fisheries.noaa.gov/habitat/fish_habitat/efh_consultations_go.html

Nice list of West Coast Salmon & Steelhead ESUs mapped by recovery

domain: https://www.westcoast.fisheries.noaa.gov/publications/gis_maps/maps/salmon_steelhead/critical_habitat/wcr_salmonid_ch_ea_july2016.pdf

Barb

On Tue, Nov 20, 2018 at 12:29 PM Davis, Luke <ldavis@usbr.gov> wrote:

Hi Barb,

Katrina is having me work on developing a species list based on our action area for the ROC. Attached is what I generated through IPaC for USFWS. Do you have any thoughts on NMFS species?

Thanks,
Luke

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Luke Davis

Natural Resources Specialist

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<2009 BiOp Cover letter.pdf>