

## Victoria Boyne

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**Subject:** FW: longfin dace

**From:** Simms, Jeffrey [<mailto:jsimms@blm.gov>]  
**Sent:** Wednesday, February 18, 2015 12:21 PM  
**To:** Barclay, Angela - FS  
**Cc:** Daniel Moore  
**Subject:** Re: longfin dace

Angela,

I have not collected LFD in a number of years as indicated by the report on Empire Spring (name on USGS 7,5 topo maps). In the fall of 2014 the site was surveyed thoroughly with a seine. No GT or LFD collected. Lots of CLF adult and tadpoles though.

However you need to know that the head spring is too deep to sample with a seine, so a few fish could be present. If that is the case, then there is little or no reproduction and dispersal to the spring brook.

Cheers

On Wed, Feb 18, 2015 at 8:58 AM, Barclay, Angela - FS <[abarclay@fs.fed.us](mailto:abarclay@fs.fed.us)> wrote:

Hi Jeff,

The final Empire Gulch monitoring report that you provided to us last year states that longfin dace were not collected at Empire Gulch (the upper area; what we're now calling Empire Reach 1) after 2010 and had only been observed in the headspring of that area. Can you please confirm this and/or provide additional information about the status of this species in Empire Gulch?

Thanks,



**Angela M.D. Barclay, M.S.**  
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