

## Wilfred Swiecki

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**From:** Wilfred Swiecki <wilfredswiecki@gmail.com>  
**Sent:** Thursday, February 20, 2020 1:40 PM  
**To:** 'Ronald Reimink'  
**Cc:** Mike Pattison; Jerry Heiman; Wilfred J. Swiecki  
**Subject:** RE: Platte Lake Questions

Ron:

Appreciate the prompt response and please put the 10:00 AM Saturday August 1, 2020 Platte Lake Improvement Association annual meeting on your schedule.

I still have some things to ask that are not quite clear in my mind as to the 2019 Platte Lake report and the data below. I will call you as I can talk faster than I can type.

Thanks,

Wilfred Swiecki

**From:** Ronald Reimink  
**Sent:** Wednesday, February 19, 2020 7:27 PM  
**To:** Wilfred Swiecki <wilfredswiecki@gmail.com>  
**Subject:** Re: Platte Lake Questions

Hi Wilfred,

Thanks. We enjoyed our chance to tell the stories that our data were showing.

Here are some answers to your questions:

1. Yes, I believe I am available on August 1 to present our findings.
2. The powerpoints are all posted on our website at "[freshwatersrol.com](http://freshwatersrol.com)". Anyone can view the entire symposium here: <https://www.facebook.com/TACMtv/videos/619851498560074/>
3. Yes, the new species was found. Here are the results. The values are in DNA copies numbers, which doesn't mean much to you but can show relative numbers of cercariae (not actual numbers). Remember, *T. stagnicola* goes through mergansers, *T. physellae* through mallards and mergansers, and *T. nov sp* (novel species) through *C. geese* for sure (maybe other hosts too, but we don't know yet). As you can see, the samples were largely dominated by *T. stagnicola*.

Sample	<i>T. stagnicola</i>	<i>T. physellae</i>	<i>T. nov sp.</i>
PL1	0	8380	0
PL2	0	0	0
PL3	1606400	7440	0
PL6	637300	0	13980
PL7	0	0	0
PL8	0	0	3280

<b>PL9</b>	19920	0	94080
<b>PL12</b>	233660	0	0
<b>PL13</b>	0	0	0
<b>PL15</b>	216800	0	0
<b>PL16</b>	83080	0	0

The NSF grant is largely written for studying all parasites found in Platte Lake and other lakes. However, we are looking for a US scientist to be the PI on the grant because Patrick is Canadian and can't apply. We thought we had someone from the University of Wisconsin but that seems to have fallen dead. We are working with Tom Raffel as well but maybe on a different project with NSF. How much if we just did Platte Lake? I would have to check with Patrick since he will be doing all of the barcoding. Let me know if that is of interest. We can talk more.

HY and AHY. Sorry about that. HY stands for Hatch-year and means birds that definitively were born this year (in other words, ducklings of any age). AHY stands for After hatch-year, which means any birds NOT born this year (in other words, an adult but we don't know how old).

As for CBM, stay tuned. We will be rolling out some more details in the coming weeks. Volunteers will not be a deal breaker, we can work around that. This will be the time to get involved, since whoever joins the initiative will have the benefit of getting the complete qPCR "hub" for free. We will be talking with Benzie County to work out the details. The cost to, say Platte Lake, would be to run X number of samples and the costs associated with overhead and administration and training. More details to come!

Great to see you last Monday. I hope it was worth your time to drive over. Let me know if you have any other questions.

Thanks,  
Ron

On Wed, Feb 19, 2020 at 10:39 AM Wilfred Swiecki <[wilfredswiecki@gmail.com](mailto:wilfredswiecki@gmail.com)> wrote:

Ron:

Appreciate all the effort that you and others put forth on the February 17, 2020 symposium.

I thought it was well attended and provide much need insight across the board.

I have a few questions about the 2019 Platte Lake Final Report (See Attached):

The Platte Lake Improvement Association Annual meeting is Saturday August 1, 2020 at 10:00 AM. Are you available to present/discuss your findings?

I would like to post the power points of all presenters on the PLIA Website. This would really be helpful in selecting qPCR equipment, what has and has not been effective on other lakes over time, etc., etc. Can you send?

Did we detect any of the new species of cercariae in Platte Lake?

On page 7 of your report You indicated, "No conclusions can be drawn about that observation until all trematode cercariae have been bar coded and a lake wide species composition developed. This will occur as federal and /or international funding becomes available."

What is the status of that and what is the potential cost for Platte lake/for all the lakes in the study?

In your report you refer to HY and AHY birds. What specifically do those acronyms stand for?

I need your thoughts on CBM in Platte Lake for 2020. We obviously will be limited by volunteer availability, etc.

Prior to the symposium, you spoke about a cost sharing donation. Do you have any details?

Thanks,

Wilfred Swiecki

248-217-7640

