



Cross Currents

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November 2016

Tuesday Nov 1, 7pm at Jack's.
Brandon Butler, Executive Director of CFM, will talk about the upcoming election and where advocates of conservation should be casting their vote.
Curt Morgret will be discussing our current year financials and what Conservation Projects we might fund in the near future. So come to this meeting with suggestions please.



The Yellowstone River is fishing well after reopening from the PDK closure.

Announcements

Ozark Council TU Annual Meeting will be held the weekend of **11/4 - 11/6 on the White River**, at Gaston's Resort. All members are encourage to attend and fraternized with follow TU members, exchange their conservation perspectives, and fish the world renowned White River Fishery.

Tuesday December 6, 7:00pm MMTU Monthly Meeting at Jack's. Social and Photo Contest. Submit up to a 3 digital photos by Dec. 2 to ryan.verkamp@gmail.com. Photos must either be taken by MMTU member in 2016, or include a MMTU member, and promote trout fishing or conservation. Photos will be judged by those in attendance and may be used in the slideshow at the banquet. Winner takes home the prize!

Please post your fishing outings on
MMTU Facebook <https://www.facebook.com/MidMOTU> or
MMTU WEB <http://midmissouri.tu.org>

President's Corner by Ryan VerKamp

Fall is officially upon us with trout season in the state parks winding down this last few days of October. I typically get discouraged come late October because my calendar fills up and I do not get that last fishing trip in to my favorite park. Well don't get discouraged as the rivers below the parks are open all season long and at the last

months meeting the MO Trout Hunter enlightened us on how to go about fishing the Meramec River below the Spring Branch. If you didn't make the meeting, you should look this guy up (Walt Fulps) and go have him guide you one day on a river in the Missouri Ozarks. His perspective on trout is very unique and soon he will be sharing that with anyone that would like to buy a copy of his book (several years and revisions in the making).

November 2016 is an election year and there are many votes to cast for conservation efforts this year. No better individual in my mind to help us unpack all the amendments and politicians than Brandon Butler with CFM. It is my pleasure to have Brandon back speaking with us this year unfortunately about politics rather than his trout fishing and conservation passion. Maybe if we get lucky he will throw in some pictures of his days out west again taking conference calls in his waders at a streamside pay phone. Do yourself a favor and make this meeting so you can cast your vote on election day informed.

TU Annual Meeting Bozeman MT Michael Riley Ozark Council NLC rep reporting

It's so inspirational to learn of all the successful projects TU accomplishes for trout, many times against seemingly incredible odds. I encourage you to watch State of Trout by Chris Wood [State of Trout 2016](#). TU is truly blessed with dedicated volunteers and staff.

One of more discussed topics at the meetings was Climate Change Statement (see below), one of the working groups I serve on as your NLC rep. The statement is not a change in policy or new policy, but a restatement with additional emphases. It clearly describes our agenda in adaptation. It relies on the TU responsible energy policy to recognize there is a mitigation role: i.e. Reduction of greenhouse gases. Finally, the statement urges TU members to take responsibility for reducing greenhouse gases through their own actions. It was also a statement that would be more helpful for the Govt. affairs staff in its negotiations with policy makers. The statement passed.

This Fall issue of TROUT magazine has several articles on how climate change is affecting trout, an informative read. Most of us are aware of the devastating impacts that heat, drought, fire, and flash flooding have on trout. We are also aware of how TU responds to protect, connect and restore riparian and flood plains is not only good for trout, but also good, often more economical, for humans. What really caught my attention was the impact climate is having on macroinvertebrates, changing the timing of some the hatches as well as quality of the insect. This indicates the importance to continue our efforts to use Stream Team Surveys here in the Ozarks to monitor the integrated health of the stream.

One of the largest problems we will have with greenhouse gas, even after we acknowledge it's a problem, is that it is not easily reversible. CO₂ has a "half-life" in the atmosphere of fifty years. CO₂ absorbed in the ocean, an enormous buffer, has made it more acidic and modify ecosystems. The accumulation of CO₂ in the atmosphere and ocean is like compound interest on a credit card loan. The persistence of CO₂ will affect trout and humans for multiple generations.

Statement on Cold-Water Conservation by the Climate Change Work Group Passed by a vote of the Work Group on August 18, 2016

Trout Unlimited's (TU) conservation approach of "protect, reconnect, restore and sustain" is ingrained into the fabric and policies of TU and is a unifying force of the

organization. This conservation mission, instituted to protect and enhance cold-water habitats and the creatures that live within them, is consistent with an "adaptive" response to climate change. TU's NLC Climate Change Work Group supports this policy. Habitat improvements at the core of TU's mission are the same habitat improvement needed to moderate the negative impacts of a changing climate on cold-water ecosystems. It is almost as if TUs long-standing conservation platform was designed in response to climate change adaptation.

However, there are additional responses to a changing climate that are outside TUs normal adaptive responses; namely to 'mitigate' the forces driving climate change, particularly those forces of human origin that humans can potentially alter. By lessening the negative potential of a changing climate through mitigation, adaptation will have a greater likelihood of maintaining and enhancing the cold-water habitats at the core of TU's mission. TU's support for carbon policies and renewable energy systems to reduce greenhouse gas emissions in the TU Energy Policy is a mitigation strategy to hasten the shift to low-carbon energy sources and conservation of resources.

There are multiple policy options to encourage movement to lower-carbon emissions. TU should seek opportunities to encourage the use of the suite of policy options to discourage continued use of high-carbon fossil fuels and other intensive greenhouse gas producing processes and to encourage low-carbon, low-greenhouse gas options, including energy conservation. TU is not specifying the design of such a policy, but recognizes the potential benefits of climate change mitigation and encourages consideration of all policy options, including market systems that place a fee or limit on the emissions of greenhouse gases.

The NLC Climate Change Work Group encourages TU, through TU leadership at all levels, to act, whether alone or with other organizations, to encourage implementation of policies for carbon reduction as soon as possible to minimize the cold-water impacts of climate disruption. This action will help achieve the goals of TU's central mission consistent with the existing policy, mitigate climate disruption, and complement the adaptation efforts of the current conservation agenda.

TU members are urged to take personal responsibility for their own fossil fuel energy usage and carbon emissions at their homes and businesses in recognition of need for all of us to maximize conservation, energy efficiency and the use of renewables whenever possible to help mitigate climate change

Meeting Place: Mid-Missouri Trout Unlimited meetings are held on the first Tuesday of each month at 7:00pm, except for July and August. The regular meeting place, except June Hot Dog Burn, is in the Wine Room at Jack's Gourmet Restaurant, located on East Business Loop I70, across from the east side Westlakes Hardware in Columbia, MO.

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