Daily Schedule of talks with full co-author list and title (* indicates student speaker).

Dany Geneda.		t and title (* indicates student speaker).
	en e	arch 1, 2021
8:30-12:00PM	Leaders: Michael Callahan, Elissa Chott, and Torrey Ritter and Moderator Lily Haines	Workshop: Beavers, Restoration, and Effective Conflict Resolution
2:00-3:00PM	Andrea Reid and Zachary Penney	Plenary: Meeting at the Confluence: Indigenous and Western Science Coexistence in Modern Fisheries
3:15-4:00PM		Panel Discussion
	•	arch 2, 2021
Sym	posium: Crossing Disciplines in Large Riv	ver Restoration (Clark Fork River Restoration)
10:00-10:15 AM	Joe Griffin	Silver Bow Creek: 100 years as a copper mine — Can it be restored?
10:15-10:30 AM	Nathan Cook	The highs and lows of upper Clark Fork River trout populations
10:30-10:45 AM	Rafael Feijo de Lima; Colman, B.; Cross, W.; Gold-Quiros, T.; Ruiz- Sanchez, J. Shaw, J.; Valett, M.; White, D.; Witzowskey, C.	Disentangling the impacts of multiple stressors in the Upper Clark Fork food webs
10:45-11:00 AM	Erick Greene	Ospreys as environmental sentinels
11:00-11:10AM		BREAK
11:10-11:25AM	Will McDowell	Long Shot: the potential to restore fluvial native trout in a fragmented, contaminated basin
11:25-11:40AM	Michelle Terwilliger*; Floyd, T.M.; Metcalf, E.C.; Mohr, J.J.	Collaboration on the Upper Clark Fork River: a case study from the Montana CREWS project
11:40-11:55AM	Alex Leone	Responding to public doubts: what about the habitat?
11:55-12:10PM	Arica Crootof	Restoring the Upper Clark Fork: integrating public perceptions of the Warm Springs ponds & conducting collaborative research for successful river restoration
12:10-12:30PM	All available speakers	Didn't get your question answered? Want to chat with available speakers? Join the collaborative session
12:30-1:30PM		LUNCH
	Tueso	day Contributed Sessions

1:30-1:45PM	Taylor Preul*; Verhille, C.; Bourret, S.	Validation of the use of behavioral assessments in identifying wild origin westslope cutthroat trout vulnerable to artificial selection at Sekokini Springs Hatchery, MT
1:45-2:00PM	Mike Siemiantkowski*; Guy, C.; Cox, T.; Williams, J.; Eckelbecker, R.; Glassic, H.; Lewis, M.; Maskill, P.; McGarvey, L.	A paradoxical knowledge gap in science for critically endangered fishes, species of special concern, and game fishes during the sixth mass extinction.
2:00-2:15PM	Kristen Cook*; Zale, A.; Stagliano, D.; Anderson, M.; Guy, C.; Albertson, L.	Reproductive phenology and hermaphroditism of western pearlshell mussels in two watersheds in Montana
2:15-2:30PM	David Stagliano; Anderson, M.; Cook, K.	Evaluating western pearlshell mussell populations for viability, reproduction and host fish glochidia Infestations across five watersheds in western Montana.
2:30-2:45PM		BREAK
2:45-3:00PM	Sam Bourret	Illegal fish introductions in Montana: how can we stop the spread?
3:00-3:15PM	Mark Schnee; Bourret, S.; Clancy, N.; Boyer, M.	Recovery of freshwater invertebrates in alpine lakes and streams following eradication of nonnative trout with rotenone
3:15-3:30PM	Shannon Blackburn; Ruggles, M.; Radonski, E.; Olszewski, B.	Status of Burbot in the Yellowstone River from the Bighorn River to Park City, Montana
3:30-3:45PM	Jacob Williams; Holmquist, L.; Rhoten, J.; Grisak, G.	Using large scale PIT arrays to monitor native species movements in a large prairie stream tributary to the Missouri River
3:45-4:00PM		BREAK
		Lightening Talks
4:00-4:10PM	Jared Krebs; Dalbey, S.	Status and future assessment of Burbot (<i>Lota lota</i>) in the Missouri River Drainage.
4:10-4:20PM	Hayley Glassic*; Driscoll, S; Guy, C; Koel, T	Presence of microplastics in the food web of the largest high-elevation lake in North America.
4:20-4:30PM	Kerrie Berger	Washoe Park Trout Hatchery- spawning overview 2020
4:30-4:40PM	Beth Gardner	Case study of six intentional migration barriers to protect cutthroat trout. Some lessons learned at what it takes to be successful

Want to chat with available speakers? Join the
collaborative session

4:40-5:00PM All available speakers

		collaborative session.
	Wednesday I	March 3, 2021
11:00AM-12:00	Business Meeting	
12:00-1:00PM	LUNCH	
	Contributed Sessions	
1:00-1:15PM	Madeline Lewis*; Guy, C.; Oldenburg, E.	Individual characteristics, population density, and environmental conditions explain temporal variation in out-migration dynamics of juvenile Bull Trout
1:15-1:30PM	Kadie Heinle*; Al-Chokhachy, R.; Sepulveda, A.; Bouwes, N.; Verhille C.	Investigating the effects of streamflow and non-native Brown Trout (<i>Salmo trutta</i>) on native Yellowstone Cutthroat Trout (<i>Oncorhynchus clarkii bouvieri</i>) in Duck Creek, MT, USA
1:30-1:45PM	Colter Brown*; Guy, C.; Webb, M.; Rhea, D.	Reproductive ecology of Mountain Whitefish in dissimilar populations
1:45-2:00PM	Robert Eckelbecker*; Guy, C.; Schmetterling, D.; Heili, N.	Relative-condition equations for Montana fishes
2:00-2:15PM	Andriana Puchany*; Zale, A.; Koel, T.; Shepard, B.	Status of Westslope Cutthroat Trout and Arctic Grayling following conservation translocations in Yellowstone National Park
2:15-2:30PM		BREAK
2:30-2:45PM	Dan Isaak; Young, M.	Factors contributing to present and future occurrence of relict headwater bull trout populations in the northern Rocky Mountains
2:45-3:00PM	Adam Sepulveda; Al-Chokhachy, R.; Laramie, M.	It's complicatedEnvironmental DNA as a predictor of trout and char abundance in streams
3:00-3:15PM	Robert Al-Chokhachy; Letcher, B.; Muhlfeld, C.; Dunham, J.; Hitt, N.; Roberts, J.; Schmetterling, D.	Factors driving the body size of trout species: beyond climate refuges and refugees
3:15-3:30PM	Kate Gaut; Sylte, T.; DeArment, J; Thompson, M.	A Toolbox, Prybar, and Megaphone for your Fisheries Data: Don't Miss How We Built an User-friendly, Interactive, Cost-Efficient Reporting Platform Utilizing Data Visualizations, Dashboards, and Story Maps to Facilitate Analysis and Promote Sharing of Stream Temperature Data
3:30-3:45PM		BREAK

3:45-4:00PM	Mike Anderson	Montana DNRC habitat conservation plan riparian timber harvest monitoring
4:00-4:15PM	Andrew Lahr*; Eby, L.	Quantifying the effects of beaver dam analogs on fish habitat and communities
4:15-4:30PM	Franz Ingelfinger	A developing approach for restoring cottonwood communities from seed
4:30-4:45PM	Niall Clancy; Wolf, M.; Rosenthal, L.	Bull Trout passage at beaver dams in the Bitterroot and Flathead basins
4:45-5:00PM	Mike LeMoine; Eby, L.; Clancy, C.; Nyce, L.; Jakober, M.; Isaak D.	Landscape resistance mediates native fish species distribution shifts and vulnerability to climate change in riverscapes
5:00-5:15 PM		BREAK
	Thursday M	arch 4, 2021
1:00-1:15PM	Donovan Bell*; Kovach, R.; Muhlfeld, C.; Schmetterling, D.; Whited, D.; Al-Chokhachy, R.; Lukacs, P.; Whiteley, A.	Past and future projected shifts in the occupancy of trout in Montana
1:15-1:30PM	Ryan Kovach; Leary,R.; Bell, D.; Painter, S.; Whiteley, A.	Genetic variation in westslope cutthroat trout reveals that widespread genetic rescue is warranted
1:30-1:45PM	Troy Smith*; Liermann, B.; Eby, L.	Natal stream characteristics associated with migratory Westslope Cutthroat Trout
1:45-2:00PM	Jeff Strait; Kovach, R.; Kardos, M.; Muhlfeld, C.; Amish, S.; Eby, L.; Boyer, M.; Lowe, W.; Luikart, G.	Genome-wide SNP analysis reveals loci linked to fitness-related traits in a Westslope Cutthroat x Rainbow Trout hybrid zone
2:00-2:15PM		BREAK
2:15-2:30PM	Amber Steed; Boyer, M.	Diversifying conservation and management of Westslope Cutthroat Trout in the upper Flathead River System
2:30-2:45PM	Anthony Dangora*; Barfoot, C.; Whiteley, A.; Eby, L.	Evaluating the effects of selective passage of Westslope Cutthroat Trout on non-native admixture in the Jocko River, MT over 15 years

2:45-3:00PM	Matt Jaeger, Bateman, L.; Berry, J.; Breen, L.; Clancey, P.; Detjens, C.; Duncan, M.; Edgington, C.; Franklin, T.; Gander, T.; Gatlin, M.; Horton, T.; Hutchinson, P.; Koel, T.; Kovach, R.; Kreiner, R.; Kruse, C.; Larsen, N.; Leinonen, E.; Lodmell, A.; Lohrenz, T.; Luckenbill, P.; McCormack, M.; Olsen, J.; Painter, S.; Pipinich, C.; Spoon, R.; Stringer, A.; Thomas, N.; Whiteley, A.; Weinner, K.; Korb, N.	Westslope cutthroat trout conservation in the Missouri River headwaters
3:00-3:15PM	Brad Shepard; Delomas, T.; Campbell, M.; Kruse, C; Taper, M.; Zale, A.	Contributions, inbreeding, and outbreeding of wild- and hatchery-origin stocks of Westslope Cutthroat Trout released as eyed embryos into vacant habitat
3:15-3:30PM	Clint Muhlfeld; Kovach, R.; Strait J.; Leary, R; Allendorf, F.	What we've learned from 40 years of hybridization research in Montana
3:30-3:50PM	All available speakers	Want to chat with available speakers? Join the collaborative session.
4:00-5:00PM	Awards Event (Student Scholarship, MTAFS Awards, and 50:50 Raffle Results)	
	Friday March 5, 2021	
8:30AM-12:00	Leader: Joe Wheaton; Moderator: Adam Sepulveda	Workshop: Introduction to Low Tech Restoration
1:00-3:00PM		ExComm Meeting