



American Fisheries Society
April 2019 Management Committee Meeting
Monday, April 15, 2019

Management Committee Participants: Jesse Trushenski, Scott Bonar, Leanne Roulson, Jackie Watson, Tom Kwak, Jud Kratzer, April Croxton, John Boreman (Constitutional Consultant, non-voting), Doug Austen (Executive Director, non-voting)

Emerging Leaders: Nathan Lederman, Cheyenne Owens

Guests: Josh Etherton

AFS Staff: Dan Cassidy, Drue Winters, Steve Kambouris. Lauren Maza, Mary Webb Banning, Eva Przygodzki

Minutes of the Meeting

1. **Welcome/Determination of Quorum** – Quorum established by Boreman. Meeting called to order by Trushenski at 3:04 p.m.
2. **Agenda accepted.**
3. **Review and approval of minutes** from the March 18, 2019, Management Committee meeting.
4. **Constitutional Consultants Report** (Boreman) –

Motion: Add the Meetings Code of Conduct and Educational Requirements for Professional Certification to the AFS Procedures Manual.

Background: At its mid-year meeting in January 2019, the AFS Governing Board approved the Meetings Code of Conduct and revisions to the educational requirements for professional certification. Both of these documents should be in the Procedures Manual so they have a permanent “home” and any revisions to them would be subject to AFS Management Committee approval.

Moved by Boreman; 2nd by Roulson. Approved by unanimous consent.

5. Policy Update (Drue Winters)

- a. WOTUS – Deadline for comments on the Administrations proposed rule is midnight tonight. AFS was involved in the submission of three comment letters (CASS, AFS, TRCP) and the substantial headwaters report printed in Fisheries. AFS also was represented at the USEPA public meeting in Kansas City and a Capitol Hill briefing in conjunction with Trout Unlimited and the National Wildlife Federation. From this point forward, the burden shifts to US EPA and the Corps of Engineers to review all comments, respond, and publish a final rule. It is anticipated that resolution of this will take place in the U.S. Courts.
- b. RAWA – A bill is expected after Easter (although this is highly speculative) with funding shifting away from oil/gas offshore leasing revenues. AFS clearly still supports the bill and will work with chapters to help with engagement once a bill has been drafted and submitted.
- c. Pebble Mine – May 30 deadline for comments. Alaska Chapter and Western Division are working on comments with the goal being to submit a singular AFS comment letter that incorporates all of the key information from the units.
- d. Marine aquaculture – briefing is being planned for the first week of June in conjunction with Capitol Hill Ocean Week. It is expected that Senator Wicker will submit an aquaculture bill.
- e. Climate Working Group – being developed by Bonar to be appointed by Trushenski. This will update the AFS Climate Statement and work with Drue Winters to develop a legislative strategy.
- f. Legislation for the National Fish Habitat Conservation Through Partnership Act (<https://fisheries.org/2019/03/national-fish-habitat-conservation-through-partnerships-act-introduced/>) has been introduced in the House (H.R. 1747) and Senate (S.754)
- g. Cooperative Fish and Wildlife Research Units – Partnership effort of the National Cooperator’s Coalition continues to work on full funding for the Coop Units.
- h. Forage Fish – Expect legislation to be developed on forage fish management.
- i. Highway Bill or Infrastructure – Expect to see language for some sort of bill to address national infrastructure needs. Such legislation will have substantial impacts on fisheries and aquatic systems and will be watched.
- j. Patagonia is releasing a film “ArtiFISHal” that focuses on impacts of aquaculture on native salmonids of Pacific Northwest. Initial information about the film suggests that it may have a strong bias against aquaculture and not accurately reflect the state of the science. AFS has not viewed the film and will seek more details about the content and purpose of the film.
- k. CASS has been approached to provide support and access to science for an Amicus brief on groundwater discharge into surface waters based on a case in Hawaii. Support requested would simply be to offset printing costs (possibly a total of \$1,500 for CASS with each member providing a portion of the amount).

This case is being considered by the U.S. Supreme Court and could have substantial impacts on regulatory oversight of such pollution sources as groundwater injection wells and other pollutants put in deep wells but with potential connection to surface waters.

6. President/Officers activities report

- a. Trushenski – Attended the annual meeting of the Japanese Society of Fisheries Science including a full day session in English (first time ever for such a session). Worked with team of collaborators on the submission of a Multistate Conservation Grant Proposal to update the Blue Book on fish diagnostic methods. Participated in the initial call of the Books Program Special Committee that is reviewing and providing guidance for the future of the AFS books program. The Meetings Oversight Committee, chaired by Dave Ward, is now active and meeting regularly. One of their main goals is to, among many other charges, to find ways to make AFS meetings more welcoming and engaging to an increasingly diverse audience.
- b. Bonar – Finalizing the recommended appointments to the Climate Change Special Committee to be appointed by Trushenski. Currently 10 names have been identified to serve on the committee. Also being asked to support this work is the Fisheries Information and Technology Section and the Resource Policy Committee. The AFS 150th planning committee is moving forward with a variety of activities. In particular, Jim Reynolds has been reaching out to all AFS units to encourage the development of exhibits to be used at their unit meetings but also brought to Columbus for showing at the AFS Annual Meeting in August 2020. Worked with an authorship team to submit part two of the Multistate Conservation Grant Proposal for the Standard Methods in Fish Sampling book. It was noted that new methods such as eDNA will be added and authors are being sought to cover such topics.
- c. Roulson – Working with Dave Ward on the Meetings Oversight Committee and, in particular, to better understand the financial management of AFS meetings. Provided support to Drue Winters on WOTUS submissions including encouragement to local watershed groups in Montana to submit comments.

7. Executive Director and AFS staff report (Austen et al.)

- a. AFS Financial Review (Cassidy) – Attachments 1, 2 and 3
 - i. Tim Copeland is the Audit Committee chair and has been working with Cassidy to build knowledge of AFS finances and audit procedures. It was suggested that Copeland could also serve as an audit/finance liaison to the Management Committee. The audit team was in AFS offices last week doing their final session of information gathering and we expect a draft

audit report in May/early June. The firm will also complete AFS tax returns for the forms 990 and 990T

- ii. Investment performance has been good in 2019 but not quite matching the SP500. Dues income has been better than 2018; renewals have been strong; Journals program ahead of 2018; expenses on track so far for 2019.
 - iii. AFS, as projected, continued with an operating loss in 2018 based on planned higher expenses but exacerbated by poor investment returns in late 2018. To address cash flow issues, AFS did utilize a line of credit.
- b. Hutton Update (Lauren Maza and Mary Webb Banning) – The 2019 Hutton program is targeted to include 30 students which is an increase from the 26 in 2018. This is the first year of implementing a much more targeted approach for student submissions and placement. So far this approach has been very successful and has received wide-spread approval of key funding agencies (e.g. USFS and BLM).
 - c. Membership Report (Eva Przygodzki and Erin Del Collo)
 - d. Reno joint meeting update (Shawn Johnston and Steve Kambouris)
 - e. AFWA MSCG Letters of Intent submissions (Austen) – AFS made four submissions to the 2020 round of Multistate Conservation Grants; Blue Book, Part 2 of Standard Sampling, Research Information System, and Development Science Agenda Guidance. We will hear about approval for development of full proposals by mid to late June.
 - f. Update on ITN (Austen) – Due to Brexit related issues, ITN has closed U.S. based operations but will continue to service and seek U.S. projects. AFS was told that this would have no impacts upon the AFS Fisheries Strong project
 - g. Marketing opportunities for AFS books and journals (Austen and Lerner; Attachment 4) – Lerner developed a concept paper for delivery to the Northeast Fisheries Administrators to explore marketing electronic access to the full complement of AFS books. This would be an expansion of the existing purchase by the Army Corps of Engineers.
 - h. Reno MC and GB activities
 - i. Thursday evening, September 26 – Officer’s Dinner
 - ii. Friday morning, September 27 – Officer’s meeting
 - iii. Friday afternoon, September 27 – MC meeting followed by dinner
 - iv. Saturday all day, September 28 – GB meeting followed by reception
 - v. Wednesday late afternoon, October 2 – Business meeting

vi. Thursday morning, October 3 – Incoming GB Breakfast

8. Additional Topics

- a. Cheyenne Owens – Inquired about opportunity to submit additional comments on the Standards for Professional Conduct prior to presentation to the Governing Board. It was noted that there is still opportunity since the document will be presented to the Governing Board at the summer call to be established in late May or June

9. Adjourned at 4:27 p.m.

Attachment 1 – Financial Narrative



American Fisheries Society

Organized in 1870 to Promote the Conservation, Development and Wise Utilization of Fisheries

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Jesse Trushenski, PhD
President 2018-2019

Douglas J. Austen, PhD
Executive Director

January 2019 Financial Narrative **April 12, 2019**

Summary. Operating results are off to a good start in 2019. The investment account recaptured some of its losses from December, membership renewals are strong and most other income categories are showing positive results. Income for the month totals \$997,000 on expenses of \$228,000 for a net change of \$769,000. The net change in January last year was \$535,000.

The financial position statement is a different story with assets lower by \$963,000 year over year. The key variances here are lower cash and investment account balances. Cash is lower coming off of the over \$1M operating loss last year while investments are still recovering from the December market downturn and a \$150,000 withdrawal last fall. Generating positive operating cash flow remains a challenge and for the first time since opening the bank credit line, AFS borrowed \$180,000 in April. Looking ahead over the remainder of 2019, its likely additional cash will be needed in the late fall presuming all budget goals are met and no new income or expense materialize.

Attachment 2 – Program Financial Report

AMERICAN FISHERIES Summary of All Units For the One Month Ending 1/31/2019

	Year to Date - Actual			Budget	2018 Annual
	2019	2018	Var \$	2019 BUDGET vs YTD Actual	Actual
Revenue					
Administration	\$261,293	\$141,197	\$120,096	\$261,293	(\$195,565)
Web		3,030	(3,030)		27,199
Continuing Education					13,095
Certification	1,700		1,700	1,700	4,471
Hutton	5,000	4,000	1,000	5,000	5,000
Cornell					121,458
Annual Meeting	27,500	1,650	25,850	27,500	891,282
Membership	418,799	376,341	42,458	418,799	533,641
Awards					4,957
Mem Other	4,711	1,566	3,145	4,711	20,366
Jobs	4,200	2,175	2,025	4,200	43,650
Advocacy					13,310
Books	9,332	17,975	(8,643)	9,332	154,683
Journals	264,736	251,327	13,410	264,736	1,046,587
Fisheries					335
Other Publications					79
Total Revenue	997,271	799,261	198,010	997,272	2,684,548
Expenses					
Administration	17,367	48,134	30,767	(17,367)	389,842
Staff Costs	198,512	212,737	14,225	(198,512)	2,120,351
Technology	2,250	5,661	3,411	(2,250)	77,919
Communication					3,072
Web		390	390		21,538
Development	950		(950)	(950)	1,412
Continuing Education		280	280		9,269
Certification	1	15	14	(1)	165
Board	2,133	2,701	568	(2,133)	59,282
Hutton		30	30		104,865
Cornell		12,154	12,154		58,715
Other Grants & Contracts	1,125		(1,125)	(1,125)	11,121
Annual Meeting		5,788	5,788		704,787
Other Meetings					621
Membership	2,984	23,049	20,066	(2,984)	186,716
Awards		2,817	2,817		16,343
Mem Other	249	134	(115)	(249)	1,764
Advocacy	1,305	410	(895)	(1,305)	8,800
Books	405	(17)	(422)	(405)	60,649
Journals	1,010	(50,420)	(51,430)	(1,010)	96,887
Fisheries	100		(100)	(100)	26,001
Total Expenses	228,391	263,863	35,472	(228,391)	3,960,119
Net Change from Operations	768,880	535,398	233,482	768,881	(1,275,571)

AMERICAN FISHERIES Summary of All Units For the One Month Ending 1/31/2019

	Year to Date - Actual			Budget	2018 Annual
	2019	2018	Var \$	2019 BUDGET vs YTD Actual	Actual
Non Operating (shown on a net basis)					
Restricted contributions	5,032	9,770	(4,738)	5,032	187,001
Total Non Operating	5,032	9,770	(4,738)	5,032	187,001
TOTAL NET CHANGE	773,912	545,168	228,744	773,913	(1,088,570)

Attachment 3 – Statement of Financial Position

American Fisheries
Statement of Financial Position
As of 1/31/2019

	2019	2018	Variance
ASSETS			
Current Assets			
Petty Cash		\$694	(\$694)
Checking	\$228,141	806,234	(\$578,093)
Accounts Receivable	\$92,387	252,647	(\$160,260)
Allowance of doubtful accounts	(\$14,170)	(14,170)	\$0
Inventory	\$257,764	287,339	(\$29,575)
Prepaid Expenses & Deposits	\$70,922	34,301	\$36,621
Current Assets	<u>\$635,044</u>	<u>1,367,045</u>	<u>(732,001)</u>
Property and Equipment	\$1,185,753	1,116,311	\$69,442
Accumulated Depreciation	(\$740,967)	(702,124)	(\$38,843)
Net Property and Equipment	<u>\$444,786</u>	<u>414,187</u>	<u>30,599</u>
Long Term Assets			
Long-Term Investments	\$4,325,987	4,587,478	(261,491)
Total Long Term Assets	<u>\$4,325,987</u>	<u>4,587,478</u>	<u>(261,491)</u>
Total Assets	<u>\$5,405,817</u>	<u>6,368,710</u>	<u>(962,893)</u>
LIABILITIES AND NET ASSETS			
Current Liabilities			
Accounts Payable	136,676	146,149	(9,473)
Accrued Expenses	230,728	233,790	(3,062)
Subunits Dues Payable	132,033	118,918	13,115
Subunits Books Payable	21,599	26,077	(4,478)
Deferred Income	771,429	889,286	(117,857)
Total Current Liabilities	<u>1,292,465</u>	<u>1,414,220</u>	<u>(121,755)</u>
Net Assets			
Net Assets - Unrestricted	3,339,200	4,409,323	(1,070,123)
Change in Unrestricted Net Assets - Curr Year	774,152	545,167	228,985
Total Net Assets - End. Balance	<u>4,113,352</u>	<u>4,954,490</u>	<u>(841,138)</u>
Total Liabilities and Net Assets	<u>\$5,405,817</u>	<u>6,368,710</u>	<u>(962,893)</u>

Attachment 4 – Books program marketing concept



American Fisheries Society

Organized 1870 to Promote the Conservation, Development and Wise Utilization of the Fisheries

MEMORANDUM

TO: Northeast Fish Chiefs

FROM: Doug Austen, Executive Director and Aaron Lerner, Director of Publications

DATE: April 9, 2019

RE: Book Program All-Access Offer

The American Fisheries Society (AFS) book program began in 1948, with *A List of Common and Scientific Names of the Better Known Fishes of the United States and Canada*. Today, the program has published 185 books and added software titles in 2010. In 2015, the Online Bookstore began offering electronic versions (PDFs) of the full text of selected books as well as individual chapters. Currently, 92 of our 185 titles are available as PDFs (see below for list of titles).

AFS was approached by the U.S. Army Corps of Engineers to make available pdf versions of all AFS books available in that format to all of their fisheries staff. We were able to finalize an arrangement with the Corps to make this work and recognized that this type of access might be of great interest to other agencies. Before establishing such a program, we would like to explore how this would be received by state agencies.

How would this work?

AFS would sell an access privilege to the agency that would allow staff to download any of the AFS book pdf's from the AFS bookstore. This would allow any fisheries staff to download book pdf's at any time during the period of the arrangement. Length of this access privilege has not yet been determined but would be at least several years with titles downloaded owned by the person initiating the download.

How much would this cost?

We haven't settled on a pricing model, but the model would likely be based on staff size. Smaller agencies would pay less than larger agencies.

Would this include the purchase of hard copies of books?

No, this would only allow electronic (PDF) access. Regular purchase of hard copies will remain an option with AFS members receiving a 30% discount on those purchases.

Your thoughts and suggestions are requested.

Please contact Aaron Lerner (alerner@fisheries.org or 301-897-8616 x231) or Doug Austen (dausten@fisheries.org or 301-897-8616 x208).

Book Title	List Price (USD)
Cutthroat Trout: Evolutionary Biology and Taxonomy	\$79
Planning and Standard Operating Procedures for the Use of Rotenone in Fish Management	60
Ocean Ecology of Pacific Salmon and Trout	98
Muskellunge Management: Fifty Years of Cooperation Among Anglers, Scientists, and Fisheries Biologists	79
Investigation and Monetary Values of Fish and Freshwater Mollusk Kills	79
Age and Growth of Fishes: Principles and Techniques	79
Fishery Resources, Environment, and Conservation in the Mississippi and Yangtze (Changjiang) River Basins	79
Freshwater, Fish and the Future: Proceedings of the Global Cross-Sectoral Conference	79
Oneida Lake: Long-term Dynamics of a Managed Ecosystem and Its Fishery	79
Mangroves as Fish Habitat	79
Managing the Impacts of Human Activities on Fish Habitat: The Governance, Practices, and Science	79
Black Bass Diversity: Multidisciplinary Science for Conservation	79
Future of Fisheries: Perspectives for Emerging Professionals	60
Guidelines for the Use of Fishes in Research	6
Biology and Management of Inland Striped Bass and Hybrid Striped Bass	79
Common and Scientific Names of Fishes from the United States, Canada, and Mexico, 7th edition	60
Native Fishes of Idaho	50
Fisheries Techniques, Third Edition	104
Small Impoundment Management in North America	79
Advancing an Ecosystem Approach in the Gulf of Maine	79
Telemetry Techniques: A User Guide for Fisheries Research	79
Guide to the Marine Fishes of the Gulf of California	50
Scientific Communication for Natural Resource Professionals	35
Advances in Fish Tagging and Marking Technology	79
Conservation, Ecology, and Management of Catfish: The Second International Symposium	79
The Angler in the Environment: Social, Economic, Biological, and Ethical Dimensions	79
Biology, Management, and Culture of Walleye and Sauger	79
Invasive Asian Carps in North America	79
Case Studies in Fisheries Conservation and Management: Applied Critical Thinking and Problem Solving	50
Instructor's Guide to Case Studies in Fisheries Conservation and Management: Applied Critical Thinking	79
Community Ecology of Stream Fishes: Concepts, Approaches, and Techniques	79
Pacific Salmon: Ecology and Management of Western Alaska's Populations	69
Biology, Management, and Conservation of Lampreys in North America	79
Biology and Management of Dogfish Sharks	69
Pacific Salmon Environmental and Life History Models: Advancing Science for Sustainable Salmon in the Future	69
Standard Methods for Sampling North American Freshwater Fishes	60
Challenges for Diadromous Fishes in a Dynamic Global Environment	69
Eels at the Edge: Science, Status, and Conservation Concerns	69
Sustainable Fisheries: Multi-Level Approaches to a Global Problem	79
Paddlefish Management, Propagation, and Conservation in the 21st Century	79
Balancing Fisheries Management and Water Uses for Impounded River Systems	69

International Governance of Fisheries Ecosystems: Learning from the Past, Finding Solutions for the Future	69
Enclosing the Fisheries: People, Places, and Power	35
Urban and Community Fisheries Programs: Development, Management, and Evaluation	69
Salmonid Spawning Habitat in Rivers: Physical Controls, Biological Responses, and Approaches to Remediation	69
Advances in Fisheries Bioengineering	69
Burbot: Ecology, Management, and Culture	69
Bigheaded Carps: A Biological Synopsis and Environmental Risk Assessment	60
Salmonid Field Protocols Handbook: Techniques for Assessing Status and Trends in Salmon and Trout	35
Bluegills: Biology and Behavior	35
Red Snapper: Ecology and Fisheries in the U.S. Gulf of Mexico	69
Anadromous Sturgeons: Habitats, Threats, and Management	69
Aquatic Stewardship Education in Theory and Practice	60
Status, Distribution, and Conservation of Native Freshwater Fishes of Western North America	69
Shark Nursery Grounds of the Gulf of Mexico and the East Coast Waters of the United States	69
Partnerships for a Common Purpose: Cooperative Fisheries Research and Management	60
Saving Puget Sound: A Conservation Strategy for the 21st Century	35
Landscape Influences on Stream Habitats and Biological Assemblages	69
Hudson River Fishes and their Environment	69
Salmon 2100: The Future of Wild Pacific Salmon	55
Common and Scientific Names of Aquatic Invertebrates from the United States and Canada: Crustaceans	60
Black Carp: Biological Synopsis and Risk Assessment of an Introduced Fish	60
Benthic Habitats and the Effects of Fishing	75
Historical Changes in Large River Fish Assemblages of the Americas	69
Propagated Fish in Resource Management	75
Effects of Urbanization on Stream Ecosystems	69
Monitoring Stream and Watershed Restoration	65
The Development of Form and Function in Fishes and the Question of Larval Adaptation	60
Early Life History of Fishes in the San Francisco Estuary and Watershed	60
Geographic Information Systems in Fisheries	69
Nutrients in Salmonid Ecosystems: Sustaining Production and Biodiversity	60
Common and Scientific Names of Aquatic Invertebrates: Cnidaria and Ctenophora 2nd Edition	39
The Ecology and Management of Wood in World Rivers	75
Third World Fisheries Congress: Feeding the World with Fish in the Next Millennium	75
Strategies for Restoring River Ecosystems: Sources of Variability and Uncertainty in Natural and Managed Systems	69
Sustaining North American Salmon: Perspectives Across Regions and Disciplines	69
Incorporating Uncertainty into Fishery Models	69
Biology, Management, and Protection of North American Sturgeon	60
Whirling Disease: Reviews and Current Topics	69
Catch and Release in Marine Recreational Fisheries	50
Island in the Stream: Oceanography and Fisheries of the Charleston Bump	65

Rotenone in Fisheries: Are the Rewards Worth the Risks?	50
Reflections: A Photographic History of Fisheries and the American Fisheries Society in North America	36
Fish Habitat: Essential Fish Habitat and Rehabilitation	55
Nonindigenous Fishes Introduced into Inland Waters of the United States	49
Life in the Slow Lane: Ecology and Conservation of Long-Lived Marine Animals	47
Common and Scientific Names of Aquatic Invertebrates: Mollusks 2nd Edition	59
Early Life Stage Mortality Syndrome in Fishes of the Great Lakes and Baltic Sea	46
Glossary of Aquatic Habitat Inventory Terminology	33
Watershed Restoration: Principles and Practices	46
Methods for Fish Biology	64
	\$5,924