

# American Fisheries Society

## April Management Committee Meeting

### Friday, April 21, 2017

#### Participants

MC Members: Joe Margraf, Ron Essig, Steve McMullin, Ken Kurzawski, Julie Claussen, Carl Kittel, Cleve Steward, Craig Bonds, Mark Pyron, Justin Davis, John Boreman (Constitutional Consultant, non-voting) and Doug Austen (Executive Director non-voting).

AFS Staff: Dan Cassidy and Aaron Lerner

Emerging Leaders: Patrick Shirey

#### Minutes of the Meeting

1. **Quorum confirmed** (by Boreman) and meeting called to order by Margraf at 1:06 p.m. ET
2. **Review of Agenda** – no additions
3. **Approval of Minutes** from February 17, 2017– minor corrections identified and then approved by unanimous consent.
4. **Proposed Motions** - Constitutional Consultant report (Boreman)

Motion: Approve the proposed amendments to the bylaws of the Fish Culture Section.

Background: The proposed amendments (attached as marked-up version) were reviewed and approved by the AFS Constitutional Consultant as being consistent with the AFS Constitution and Rules, then approved by section membership (93%). The proposed changes to the bylaws eliminate the requirement of being separated from service for at least three years in order for a person still living to be nominated for induction into the Fish Culture Hall of Fame, and to make language related to requirements for Hall of Fame nominations consistent for nominees who are still living and those who are deceased.

Moved by Kittel; 2<sup>nd</sup> by Kurzawski. Passed by unanimous consent

5. **Update on status several votes** – Science Communications and Fellow approval and 2nd VP vote will all be combined into a single vote event and are scheduled to go out May 15. AFS will be using a new voting tool, Association Voting (<https://www.associationvoting.com/>). Question was asked about possible use of this by units. AFS will review how well it performed for this vote and if the experience is positive, will research license options to allow for society-wide use. Staff will report back in mid-summer or at the Tampa meeting.
6. Update on **Future of AFS Publications workshop** – Lerner and Austen reviewed the status of the Reno workshop including basic logistics of the event, list of participation and the current agenda. Major topics will include a focus on journals, increasing impact factor and

alternative measures, books and the future of the books program, process improvement, possible joint journals, lay audience journal, reinstatement grey literature database and more. A Survey of about 19,000 contacts has been out and approximately 1,200 responses have been received. A webinar providing the survey results is scheduled for May 5. Information on the webinar is:

[AFS Publications Workshop Pre-Reno Webinar](#)  
Friday, May 5, 2017 3:30 PM - 5:00 PM EDT  
<https://global.gotomeeting.com/join/342319677>

7. **New publisher bid approval** – Lerner reviewed the work of the special committee (co-chaired by Bob Hughes and Jesse Trushenski) and the recommendations of Austen and Lerner on the publisher bid reviews (Attachment 2). The special committee unanimously recommended Wiley and this was in agreement with staff. It was noted that this only applies to the six AFS journals. Books is a separate issue that is not currently under review for an outside publisher. It was suggested that the pending Science Communications Section could work with the new publisher on social media engagement.

Motion: to accept the recommendation of the AFS special committee on publications to accept the proposal of Wiley to publish AFS journals.

Motion presented by Essig; 2<sup>nd</sup> by Steward. Passed with unanimous consent.

8. Tampa meeting schedule of events for Officers, MC, GB and other activities (Austen)
  - a. Friday, August 18 – morning – Officers, Austen, Cassidy
  - b. Friday, August 18 – afternoon – Management Committee and appropriate AFS staff.
  - c. Saturday, August 19 – all day – Governing Board and appropriate AFS staff.
  - d. Wednesday, August 23 – late afternoon – Business meeting
  - e. Thursday, August 24 – morning breakfast meeting – Incoming Governing Board
9. **Staff updates** –
  - a. Jessica Mosely departure to new position with Electronic Transactions Association (<http://www.electran.org/>)
  - b. Mohammed Hossain – promoted to new role as coordinator of the Hutton and Certification programs.
  - c. Drue Winters – hired as incoming Policy Director.
10. **Introduction to long-term planning** – Austen reviewed this exercise to plan out major AFS tasks leading up to the sesquicentennial in 2020. This was proposed to be a topic for significant discussion at May MC call and possibly also at the Tampa MC and GB meetings. This includes key actions such as: plan-of-work and budgets for 2018-2020, development of new AFS strategic plan, new branding approach, sesquicentennial preparations such as 150 year history of AFS in video and/or print, and much more.

11. **Financial update** - Cassidy provided a brief status update (Attachment 3); full quarterly review is set for June MC call.

12. **Congressional visit** – Emerging leader and Policy Fellow, Patrick Shirey, reviewed congressional visits conducted by Tom Bigford and Shirey with particular focus on Senator Booker (D-NJ). Key handouts (Attachment 4) on Endangered Species and recovery of fish species was a focus of the discussion.

**13. Other items**

- a. Austen reported that the Freshwater Mollusk Conservation Society was accepted as a member of the Consortium of Aquatic Scientific Societies (CASS). CASS was also contacted by the North American Lake Management Society to explore membership.
- b. Austen reported that AFS staff (primarily Denise Spencer) are working on establishing the World Council of Fisheries Societies (WCFS) as a tax-exempt, non-profit that will be distinct from AFS. This will also include a separate checking account and completely new and separate financial tracking. AFS will continue to provide all support for WCFS but it will be managed as a fully separate entity.
- c. The passing of AFS member and University of Missouri fisheries professor Dr. Robert Hayward, was noted. For an obituary on Dr. Hayward, please go to <http://www.waynesvilledailyguide.com/obituaries/20170421/rob-hayward-1953-2017>

14. Adjourn at 2:24 p.m.

# Attachment 1

Approved by the Governing Board 9/3/2011 – Proposed changes 4-17-2017.

## FISH CULTURE SECTION BYLAWS

### Section I: Name and objectives

1. The name of this organization shall be Fish Culture Section of the American Fisheries Society, hereafter referred to as the Section and Society respectively, as provided in the Constitution of the Society.

2. The general objectives of the Fish Culture Section shall be those of the American Fisheries Society as set forth in Article I of the Constitution of the Society. The specific objectives of the Section shall be to:

(a) maintain an association of individuals interested in advancing the science and technology of fish culture by:

(1) conducting and promoting scientific research, workshops and projects; and

(2) collecting and assembling fish culture information for publication and distribution to Section, Society members, and others.

(b) develop criteria aimed at establishing expertise among fish culturists.

(c) continuously upgrade the science of fish culture.

(d) maintain a "Fish Culture Hall of Fame" that recognizes significant contributions to the science and technology of fish culture by individuals.

### Section II: Membership

1. The Section shall be composed of those individuals that fit into one of two categories.

(a) General Members of the Fish Culture Section shall be Society members in good standing who apply for membership after payment of annual dues. Membership entitles them to full voting privileges and receiving all mailings and other benefits of the Section.

(b) Fish Culture Affiliates are individuals who have paid the current Affiliate member dues, as determined by the General Members of the Section. They are entitled to receive all privileges of General Members of the Section with the following exceptions. Fish Culture Affiliates cannot vote, hold office, serve as committee chairs, or subscribe to the North American Journal of Aquaculture (formerly Progressive Fish-Culturist) at the General Member rate.

### Section III: Meetings

1. The Section shall hold at least one meeting annually at a time and place designated by the Executive Committee. Special meetings may be called by the Section President with the consent of a majority of the Executive Committee of the Section.
2. The Section shall periodically conduct fish culture conferences, workshops and technical sessions. The Section may meet jointly with other organizations but will request official organizational recognition when co-sponsoring meetings.

### Section IV: Officers

1. The officers of the Fish Culture Section shall include a President, President-Elect, and Secretary-Treasurer. Terms for all offices are two years or until a successor is duly elected.
2. Officers shall be ineligible for re-election to the same office within one year of their expired terms.
3. Election of officers shall be by mail or electronic ballot. The ballot will consist of two nominees in good standing for each office. In case of a tie vote, a special election will be held. Electees shall be installed and take office at the annual meeting of the Society.
4. In the event of a vacated position, the Section Executive Committee shall, by a majority vote, appoint a replacement to fill the remainder of the term.
5. Officers or appointed committee members may not receive compensation for their services. Travel and other expenses may be defrayed when authorized by the Executive Committee.

### Section V: Duties of Officers

1. President -The President shall serve as chair of the Section Executive Committee, preside at all meetings of the Section, appoint all committees, and chairpersons thereof, except as they may be designed in these bylaws, and serve as ex-officio member on all committees. The President shall submit reports to the Governing Board of the Society, and shall make appointments and perform such duties related to the Section as the Society may deem necessary. The President shall maintain an up-to-date presidential handbook containing the following items: Society procedures manual; Section procedures manual; annual and mid-year Section President's report to the Society; copy of ballot for Past President's and present term; current bylaws and rules; Secretary-Treasurer's report for Past President's and present term; Hall of Fame requirements; audit report, Past President's and present term; names of all Past Presidents, officers, and committee heads; names, addresses, telephone numbers and FAX numbers of current officers and committee heads; programs of meetings during term; letters or other documents of significance; newsletters from term; list of members; Section brochure; Hall of Fame brochure and list of those inducted; change of officers form. Upon transfer of office, the President shall present the handbook to the incoming President. The President shall act as chairperson of the membership committee. The President shall upon completion of term of office, accede to Past-President.

2. President-Elect -The President-Elect shall assume the duties of the President if the President is absent, and shall act as chairperson of the program committee and shall ensure that all functions of the Section are in compliance with the bylaws. The President-Elect shall upon completion of term of office, accede to the President.

3. Secretary-Treasurer - The Secretary-Treasurer shall be responsible for maintaining the membership list and the minutes of Executive Committee and Section meetings. The minutes shall be submitted to the Executive Director of the Society within 30 days following the meeting. The Secretary-Treasurer shall be responsible for maintaining documented accounts of all receipts, pay all bills, receive all funds, and report on the status of Section funding upon request of the President, or the Executive Committee of the Section. The Secretary-Treasurer also shall provide the Executive Committee with a semi-annual report and a detailed final report to the Section at each annual meeting.

4. The immediate Past-President shall:

- (a) Serve on the Executive Committee;
- (b) Serve as the chair of the Nominating Committee;
- (c) Serve as chair of the Hall of Fame Committee; and,
- (d) Assist the other officers as needed.

#### Section VI: Standing Committees

1. All standing committee activities and recommendations are subject to the approval of the Executive Committee. All standing committees shall consist of at least three members. The President shall appoint Section members to the following standing committees:

- (a) Membership Committee -This committee shall be responsible for promotional activities and maintaining the Section membership listing.
- (b) Newsletter Committee -This committee shall be responsible for gathering information for the Section newsletter and for printing and distribution of the newsletters. The newsletter committee shall be chaired by the Newsletter Editor.
- (c) Nominating Committee -The nominating committee shall be responsible for recruiting candidates for Section elections and shall be chaired by the Past-President.
- (d) Program Committee -This committee shall be chaired by the President-Elect and will be responsible for developing programs for meetings, symposia, and workshops. (e) Auditing Committee -The auditing committee shall conduct an audit and present a report at the annual meeting.
- (f) Hall of Fame Committee -This committee will support the Fish Culture Hall of Fame (HOF) that recognizes significant contributions to the science and technology of fish culture by individuals. The committee will consist of the three most recent Past- Presidents of the Fish Culture Section and two at-large Fish Culture Section members who will be appointed for

consecutive two-year terms that are staggered. The committee will be chaired by the immediate Past-President. The committee will solicit, review and present nominations for the HOF according to the following processes and criteria:

(1) Living Persons – Minimum of 55 years of age; a minimum of 25 years of service to fish culture or aquaculture; must ~~be separated (retired) from this service for at least three years prior to nomination;~~ have significant accomplishments in fish culture or aquaculture.

(2) Deceased Persons --Deceased for at least one year; a minimum of 25 years service to fish culture or aquaculture; must have significant accomplishments in fish culture or aquaculture.

(3) Nominations may be submitted at any time by submitting a letter of nomination, a completed nomination form, and at least three letters of support from co-workers (or individuals) familiar with the nominee's accomplishments in fish culture or aquaculture. Nominations will be kept on file until reviewed by the HOF committee during the spring of each year. The HOF committee will prepare a biographical sketch for each nominee recommended for induction into the HOF, and prior to the annual meeting, the all nomination packages will be reviewed by the executive committee. Nominees to be included on the next Section ballot, and the results of the past HOF election will be announced at the annual business meeting. Nominees must be approved by 2/3 of all persons voting to be elected.

(4) The HOF shall establish a "Brickwalk" to gain revenues; a trust will be established, and interest from the fund will be used for HOF activities.

2. The term of office for all committee members shall coincide with that of the elected officers.

3. Special committees may be established as necessary by the President.

## Section VII: Executive Committee

1. The Executive Committee shall consist of the officers of the Section and the chairpersons of the standing committees.

2. The Executive Committee shall have authority to determine policies, conduct business, and approve expenditures consistent with the objectives of the Section.

3. The Executive Committee is authorized to act on behalf of the Section between annual meetings.

4. A quorum is required for transaction of official business at an Executive Committee meeting. A quorum for an Executive Committee meeting shall consist of three of the four members. Executive Committee members can appoint a proxy.

5. Each member of the Executive Committee shall have one vote on Executive Committee decisions. In the event of a tie, the President's vote shall be the deciding vote.

6. Meetings of the Executive Committee may be held whenever the President or a majority of the Executive Committee deems it necessary. Business and voting of the Executive Committee may be conducted by mail or electronic means.

## Section VIII: Voting and Quorum

1. Decisions at meetings of the Section shall be in accord with the Constitution of the Society.
2. A quorum at an annual meeting for the transaction of official business shall consist of 10 members of the Section.
3. Business and voting may be conducted by mail or electronic media if approved by the Executive Committee.
4. Unless otherwise specified in these Bylaws or the Constitution of the Society, business shall be conducted according to the latest edition of Robert's Rules of Order.
5. Decisions at meetings are by simple majority of Active Members voting, except 2/3 majorities are required in special cases such as amending the Bylaws and suspending a Rule. Other less frequently used voting requirements are described in Robert's Rules of Order.

## Section IX: Publications

1. The Section shall publish a newsletter which will be sent to all members of the Section, each Section and Division President, the Society President, and the Executive Director.
2. Other publications may be produced with the approval of the Governing Board of the Society.

## Section X: Dues, Fees and Assessments

1. The Executive Committee may assess membership dues, registration fees for meetings, and other assessments as provided by the Constitution of the Society. Payment shall be made to the Secretary-Treasurer and deposited in the Section bank account for disbursement as determined by the executive committee of the Section.

## Section XI: Bylaws, Rules and Procedures

1. The Bylaws are the defining document for the Section and take precedence over all other rules and procedures of the Unit. The Bylaws cannot be suspended and cannot be changed without prior notice to members.
  - (a) The Bylaws may be amended by a 2/3 majority of Active Members choosing to vote, provided that the proposed amendment(s) are circulated in writing to the membership at least 30 days prior to voting.
  - (b) In accordance with the Society Constitution, an adopted amendment shall be reviewed by the Society's Constitutional Consultant for conformity with the Constitution, Rules and Procedures

of the Society. The Constitutional Consultant presents the adopted amendment to the Society Governing Board for approval.

(c) Amendments take effect when the Section receives written notice of their approval by the Governing Board from the Executive Director.

2. Rules are the next highest level of documentation of Section operations. They are generally established to facilitate the conduct of Section business, and to describe duties and responsibilities of officers and committees. They may be suspended or amended as follows.

(a) The Rules may be suspended during an Executive Committee meeting until the next annual or special Unit meeting by a 2/3 majority of the Executive Committee.

(b) The Rules may be suspended for the duration of a meeting by a 2/3 majority of Active Members voting at an annual or special Unit meeting.

(c) The Rules may be amended by a simple majority of Active Members voting at an annual or special Unit meeting.

3. Procedures are the lowest level of documentation of Section operations. They are generally established to provide continuity in the conduct of Section business. The Procedures may be suspended or amended by a simple majority vote of the Executive Committee.

## Attachment 2

### AFS Journal Publishing Contract Proposals

The current AFS journals publishing contract with Taylor & Francis (T&F) ends December 31, 2017. This 7-year contract covers print and online publishing of our five journals and *Fisheries* magazine, as well as sales and marketing and customer service.

In 2016, AFS solicited four bids for a new 7-year publishing contract. In addition to the current publisher (T&F), bids were received from Wiley, Springer, and Oxford University Press.

AFS staff reviewed each proposal. For Wiley, Springer, and Oxford, AFS contacted 4-5 of their society customers at random, who were asked to evaluate their publishing partner.

A special AFS committee, chaired by Jesse Trushenski and Bob Hughes, was established to evaluate the proposals. The committee members are Emmanuel Frimpong, Derek Aday, Chris Kohler, Jason Vokoun, Vicki Blazer, and Tom Kwak. The committee was provided with a list of key criteria for evaluating the publisher proposals, including publisher strategic understanding and support, print/electronic publishing innovation, editorial and production systems adequacy, customer service and fulfillment, marketing and sales expertise, quality and reputation, risk of moving from the existing publisher, and financial return to AFS.

The special committee was provided with the following AFS-prepared table comparing the financial return for each of the four proposals:

	<u>One-Time Signing Bonus</u>	<u>Royalty on Revenue</u>	<u>Projected Royalty (7-year total)</u>	<u>Guaranteed Minimum Royalty (7-year total)</u>	<u>Editorial Staff Support (7-year total)</u>	<u>Member fees for print journals (7-year total)</u>	<u>Guaranteed Income (7-year total)</u>
<b>Wiley</b>	\$900,000	60%	\$7,734,173	\$6,187,338	\$942,483	(\$335,560)	\$7,694,261
<b>Taylor &amp; Francis</b>	\$800,000	50%	\$5,168,617	\$3,850,000	\$942,483	(\$335,560)	\$5,256,923
<b>Oxford Univ Press</b>	\$500,000	45%	\$5,871,585	\$4,404,689	\$957,808	(\$908,392)	\$4,954,105
<b>Springer</b>	\$200,000	35%	\$3,149,534	No Guarantee	0	-	\$200,000

The AFS special committee convened a conference call on March 27, 2017, with Executive Director Doug Austen and Publications Director Aaron Lerner participating. The relative merits of the proposals were discussed, and the special committee voted unanimously for the Wiley proposal.

Executive Director Doug Austen and Publications Director Aaron Lerner concur with the special committee's recommendation that Wiley should receive the contract, and recommend that the Management Committee approve.

# Attachment 3

## AFS Management Committee Financial Report April 21, 2017

### 2016 Financial Results

For year-end 2016, the fully reconciled 2016 financial reports show an improved financial position and net operating income over figures previously released. Assets total \$5,608,000 and net income ended the year at (\$459,000) versus a budget of (\$244,000).

The decrease in financial position is attributable to negative cash flow from operating expenses in excess of revenue not overcome by a 9% return in the investment account and maturity of \$144,000 in CD investments. The positive news going in to 2017 is membership renewals and individual journal subscriptions are both higher than last year.

Regarding operating results, nearly every program category reported lower income than the prior year except for grants and contracts-- Hutton and Cornell funding-- and investment income. In total, revenue ended \$585,000 below budget while expenses were a favorable \$370,000 below budget, but not enough to offset lower income.

### 2016 Audit

Preparation and management of the audit process was significantly more effectively this year and the auditors wrapped up field work on schedule this week. All but one of their comments from last year have been addressed. A draft audit report is due in about two weeks and should be available for review by the Management Committee on its May 2017 call.

### 2017 Financial Results

Highlights from the January 2017 financial report and other key data is presented below while we await issuance of the monthly reports now that the audit fieldwork has been completed.

- Unrealized gain on investments = \$56,000 in January 2017 vs. (\$180,000) loss in January 2016
- Membership dues renewals through Dec 2016 \$242,000 vs. \$226,000
- Individual Journal subscriptions through Dec 2016 \$34,000 vs. \$32,000
- Book sales in January 2017 \$18,000 vs. \$32,000 in 2016
- Funding for Monetary Values has topped \$140,000 through a combination of Federal funds (\$72,500) and the balance from state agencies
- Staff costs \$185,000 vs. \$161,000 due to higher participation in employee benefits and change in retirement contributions cycle.
- AFS is working with its bank securing a business line of credit
- Two staff positions were left vacant (Policy Analyst and Education Coordinator) this year to help reduce expenses and while certain staff responsibilities were realigned.
- Tampa meeting
  - o 1200 papers, 82 symposia, 100+ posters
  - o There will be 3 plenary speakers
  - o Sponsorships exceeds \$80,000 towards a goal of \$130,000
  - o Exhibit space sales ahead of last year
  - o Registrations opened April 1 and an announcement went out to over 8,000 individuals.

## AMERICAN FISHERIES

### All Programs

For the Twelve Months Ending 12/31/2016

	December - Actual			Year to Date - Actual			Budget	2015 Annual	
	2016	2015	Var \$	2016	2015	Var \$	2016 BUDGET vs YTD Actual	Actual	
<b>Revenue</b>									
Administration	\$61,913	(\$93,260)	\$155,173	\$409,139	(\$85,556)	\$494,695	\$348,000	\$61,139	(\$85,556)
Continuing Education				17,075	42,759	(25,684)	12,000	5,075	42,759
Certification	100	110	(10)	4,575	5,895	(1,320)	8,000	(3,425)	5,895
Other Education							6,000	(6,000)	
Hutton	138,400	65,000	73,400	209,900	95,400	114,500	129,000	80,900	95,400
MSU/Inland Fisheries							10,000	(10,000)	
Cornell	54,938	60,000	(5,062)	165,155	112,855	52,300	105,000	60,155	112,855
Other Grants & Contracts							344,000	(344,000)	
Annual Meeting	33,798	54,540	(20,742)	573,630	1,520,097	(946,467)	794,000	(220,370)	1,520,097
Membership	1,600	1,600		460,224	497,745	(37,521)	557,000	(96,776)	497,745
Awards		125	(125)	3,266	3,678	(412)	6,000	(2,734)	3,678
Mem Other	2,040	2,770	(730)	13,163	9,049	4,114	16,000	(2,837)	9,049
Jobs	5,050	2,600	2,450	39,750	31,850	7,900	30,000	9,750	31,850
Advocacy				11,000		11,000		11,000	
Books	(68,080)	7,204	(75,284)	108,356	151,901	(43,545)	119,500	(11,144)	151,901
Journals	11,905	109,028	(97,123)	918,280	1,117,347	(199,067)	1,034,000	(115,720)	1,117,347
Fisheries				60	372	(312)		60	372
<b>Total Revenue</b>	<b>241,664</b>	<b>209,717</b>	<b>31,947</b>	<b>2,933,573</b>	<b>3,503,392</b>	<b>(569,819)</b>	<b>3,518,500</b>	<b>(584,927)</b>	<b>3,503,392</b>
<b>Expenses</b>									
Administration	23,402	74,319	50,917	377,979	574,808	196,829	343,000	(34,979)	574,808
Staff Costs	179,508	252,515	73,007	1,981,483	1,766,050	(215,433)	2,036,500	55,017	1,766,050
Technology	(8,633)		8,633	6,593	30,992	24,399	5,000	(1,593)	30,992
Communication	53	30	(23)	10,782	10,104	(679)	28,000	17,218	10,104
Web	5,015	3,130	(1,885)	13,909	8,949	(4,960)	8,000	(5,909)	8,949
Development	0		0	204		(204)	12,000	11,796	
Continuing Education				11,441	4,217	(7,223)	10,000	(1,441)	4,217
Certification				212	328	116	1,000	788	328
Other Education							24,000	24,000	
Board	881	1,964	1,084	38,113	32,078	(6,036)	51,000	12,887	32,078
Hutton		416	416	159,291	101,000	(58,291)	75,000	(84,291)	101,000
MSU/Inland Fisheries				4,573		(4,573)		(4,573)	
Cornell	1,396		(1,396)	3,247		(3,247)	40,000	36,753	
Other Grants & Contracts	(36,375)		36,375				168,000	168,000	
Annual Meeting	20,110	44,114	24,004	474,470	1,037,358	562,888	670,000	195,530	1,037,358
WCF World Council of Fisheries				913		(913)		(913)	
Membership	(34,077)	154	34,231	111,541	80,245	(31,296)	116,000	4,459	80,245
Awards	70	1,730	1,660	29,455	22,317	(7,138)	13,000	(16,455)	22,317
Mem Other		11	11	19	813	794	1,000	981	813
Advocacy	4,034		(4,034)	10,332		(10,332)	31,000	20,668	
Books	835	8,040	7,205	28,375	42,748	14,373	32,000	3,625	42,748
Journals	9,430	26,343	16,913	124,866	116,732	(8,134)	95,000	(29,866)	116,732

**AMERICAN FISHERIES****All Programs****For the Twelve Months Ending 12/31/2016**

Fisheries	625	1,310	685	4,922	6,814	1,891	3,000	(1,922)	6,814
Total Expenses	<u>166,274</u>	<u>414,076</u>	<u>247,802</u>	<u>3,392,720</u>	<u>3,835,553</u>	<u>442,831</u>	<u>3,762,500</u>	<u>369,779</u>	<u>3,835,553</u>
Net Change from Operations	<u>75,390</u>	<u>(204,359)</u>	<u>279,749</u>	<u>(459,147)</u>	<u>(332,161)</u>	<u>(126,987)</u>	<u>(244,000)</u>	<u>(215,148)</u>	<u>(332,161)</u>
<b>Non Operating (shown on a net basis)</b>									
Restricted contributions	31,990	3,605	28,385	40,687	165,659	(124,972)	117,000	(76,313)	165,659
Total Non Operating	<u>31,990</u>	<u>3,605</u>	<u>28,385</u>	<u>40,687</u>	<u>165,659</u>	<u>(124,972)</u>	<u>117,000</u>	<u>(76,313)</u>	<u>165,659</u>
<b>TOTAL NET CHANGE</b>	<u>107,380</u>	<u>(200,754)</u>	<u>308,134</u>	<u>(418,460)</u>	<u>(166,502)</u>	<u>(251,959)</u>	<u>(127,000)</u>	<u>(291,461)</u>	<u>(166,502)</u>

American Fisheries  
Statement of Financial Position  
As of 12/31/2016

	2016	2015	Variance
<b>ASSETS</b>			
<b>Current Assets</b>			
Petty Cash	\$694	\$400	\$294
Checking	202,447	662,976	(460,529)
Certificate of Deposits	153,095	298,034	(144,939)
Accounts Receivable	333,671	373,715	(40,044)
Allowance of doubtful accounts	(14,170)	(14,170)	
Inventory	433,874	466,927	(33,053)
Prepaid Expenses & Deposits	158,404	57,052	101,352
<b>Current Assets</b>	<b>1,268,015</b>	<b>1,844,934</b>	<b>(576,919)</b>
Property and Equipment	1,085,888	1,053,192	32,694
Accumulated Depreciation	(664,802)	(635,024)	(29,778)
<b>Net Property and Equipment</b>	<b>421,084</b>	<b>418,168</b>	<b>2,916</b>
<b>Long Term Assets</b>			
Long-Term Investments	3,918,845	4,166,892	(248,047)
<b>Total Long Term Assets</b>	<b>3,918,845</b>	<b>4,166,892</b>	<b>(248,047)</b>
<b>Total Assets</b>	<b>5,607,944</b>	<b>6,429,994</b>	<b>(822,050)</b>
<b>LIABILITIES AND NET ASSETS</b>			
<b>Current Liabilities</b>			
Accounts Payable	178,553	483,378	(304,825)
Accrued Expenses	153,456	59,599	93,857
Subunits Dues Payable	65,133	72,532	(7,399)
Subunits Books Payable	26,739	41,151	(14,412)
Deferred Income	419,287	548,401	(129,114)
<b>Total Current Liabilities</b>	<b>843,168</b>	<b>1,205,061</b>	<b>(361,893)</b>
<b>Net Assets</b>			
Net Assets - Unrestricted	5,203,908	5,364,934	(161,026)
Change in Unrestricted Net Assets - Curr Year	(439,132)	(140,001)	(299,131)
<b>Total Net Assets - End. Balance</b>	<b>4,764,776</b>	<b>5,224,933</b>	<b>(460,157)</b>
<b>Total Liabilities and Net Assets</b>	<b>5,607,944</b>	<b>6,429,994</b>	<b>(822,050)</b>

## Attachment 4

# ENDANGERED SPECIES ACT SUCCESS STORIES

## Two federally listed fish in Truckee River system saved from extinction in Pyramid Lake, Nevada

### Lahontan Cutthroat Trout (threatened)



Anglers may catch a federally threatened trout with a permit from the Pyramid Lake Paiute Tribe

### Cui-ui Sucker (endangered)



Scientists and the Paiute People are working hard to restore a culturally important food fish

Why was this successful?

A Tribal-Federal-State Partnership improved habitat, propagated fish, and successfully introduced individuals

## Two fish species in Oregon recently delisted from the ESA

### Modoc Sucker (2015)



### Oregon Chub (2015)



1991: working group started

1993: 8 known populations < 1000 individual Oregon Chubs at listing

1998: recovery plan set objective for delisting species at minimum of 20 populations  $\geq$  500 adults over 7 years

2015: delisting of species due to populations in 80 locations of > 140,000 individuals total

Why? **Conservation working groups used science-based protocol** to set recovery objectives that protected habitat and recovered populations

Members of the American Fisheries Society help inform efforts to conserve these natural resources for society – Please contact us for further information



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## INCLUDE DIVERSE STAKEHOLDERS FOR ENDANGERED SPECIES

### Nature tourism can help build a robust and sustainable economy

- Like the the Clinch River (TN, VA) known for its nature-based tourism, the Allegheny River (PA) has high biodiversity and a history of natural resource extraction in its watershed.
- Nature tourism that includes viewing rare species (darters and mussels) and scenic ecosystems found near Franklin, PA can improve economic opportunities and create jobs.  
(hotels, restaurants, outfitters for fishing, hunting, biking, and canoeing)



### The Red Hills Desert Garden displays endangered fish in Utah



Red Hills Desert Garden  
Roseburg Associates <http://racivil.com>



<http://redhillsdesertgarden.com/>

The City of St. George, UT built an educational center for people to learn about water quality, landscaping, and endangered fish species.

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# WORKING TO CONSERVE AT-RISK & LISTED SPECIES

## Protect & Restore Habitat: Ash Meadows National Wildlife Refuge, NV



- 27 plants and animals found nowhere else in the world
- Protects 4 endangered fish species
- Fisheries Scientists helped to protect this special place

### Fish Conservation Facility for Devils Hole Pupfish (USFWS)

[http://www.fws.gov/refuge/ash\\_meadows/](http://www.fws.gov/refuge/ash_meadows/)  
Ecology & History: <https://vimeo.com/87197860>



### So What?

Studying the biology of species that live in high salt environments could help improve kidney dialysis

Built from proceeds resulting from sale of federal land

Facilities like this enable scientists to study species with reduced risk to the wild populations

## Proact to avoid listing at-risk species: Two examples in Montana



Arctic Grayling



Westslope Cutthroat Trout

<http://www.fws.gov/mountain-prairie/species/fish/grayling/grayling.htm>

- >250 private landowner conservation projects since 2006 (Candidate Conservation Agreement with Assurances)
- Fishery Biologists are working to restore grayling in Michigan

While Public-Private Partnerships have worked to protect habitat, more action is needed to avoid listing the species

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