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## CHALLENGE TO DELTA DECISION

A new round in the battle over Northern California's precious water is taking shape as a result of the State Water Resources Control Board decision establishing water quality standards in the Sacramento-San Joaquin Delta. A Superior Court Ruling in Sacramento in October ordered the SWRCB to delay implementation of the standards, and to explain why the injunction should not be made permanent.

The order came in response to a request by several irrigation districts and counties who claimed the controls were too stringent.

In September, the board made several changes in the standards, including one to increase the fresh water outflow from 2,383,000 acre-feet to 2,893,000 acre-feet annually. During dry years, this will mean extra Delta outflow of fresh water from reservoirs of the State Water Project and the Central Valley's Project. The state had requested such provisions be conditioned on the availability of funds to cover the cost of the State Water Project's share in providing the extra water. But the board denied the state request.

The decision has split State administration officials and major water-user groups. Norman Livermore, Resources Agency head, and the Metropolitan Water District oppose the court challenge. William Gianelli, DWR Director, and water districts in the San Joaquin Valley hope Gov. Reagan will give the green light to an all-out legal attack. Their principal fear is that the decision will prevent the diversion of Delta-bound water for the proposed \$1 billion East Side Project.

The split among top administration officials follows a familiar pattern. Livermore, who has often sided with environmental groups (Dos Rios Dam, e.g.), has been highly critical of East Side. He reportedly has advised the Governor against any direct attempt to upset the SWRCB ruling. Gianelli has made no secret of his displeasure with the Board's decision. But apparently, at least for the moment, he has been unable to gain the upper hand in this dispute.

The State Water Resources Control Board is expected to file its decision with the federal Environmental Protection Agency unless blocked by the courts. Once the decree reaches the EPA, the chances of it being reversed by state or water-user action will be lessened considerably.

It is clear that this State Water Resources Control Board decision, if allowed to stand, will have far-reaching effects on water development plans for years to come; and indeed, may be the cornerstone for a new framework of values for determining priorities for the allocation of California's water resources. O

## DESERT FISHES COUNCIL HOLDS THIRD ANNUAL SYMPOSIUM

The Desert Fishes Council, a nationwide, interagency organization dedicated to the preservation of America's desert fishes, recently held its third annual symposium at Death Valley National Monument Headquarters, Furnace Creek. Attended by over 100 federal, state and university scientists and resource specialists and bolstered by conservationists from the private sector, the Council elected officers, formalized its constitution, updated plans for preserving the endemic fishes of the American southwest, and discussed a series of agenda items pertinent to their cause.

Fishery biologists Phil Pister of California and Dale Lockard of Nevada were installed as Chairman and Chairman-elect, and the Secretary-Treasurer post will be filled by Chief Naturalist Pete Sanchez of Death Valley National Monument. Serving on the Council's technical advisory committee are Bob Borovicka, Jim Deacon, Carl Hubbs, Clint Lostetter, Bob Miller, Lockard, Pister and Sanchez. Originally organized to deal with species preservation problems within the Death Valley System, the Council voted at the annual meeting to expand its area of concern to include any endemic fish, be it species, subspecies, or race, that inhabits drainages of the North American deserts (Basin and Range Province) and any other areas determined to be pertinent by the Council. This definition would include whitefishes (Bear Lake, Idaho-Utah), trouts, and sculpins, and such endangered big-river fishes as the Colorado squawfish.

Agenda items covered during the two-day symposium included discussions of how best to coordinate preservation efforts of the various state and federal agencies; summary of hydrological research in the Amargosa River Basin; a review of current research on desert fishes; progress report on aquarium culture of endangered fishes; a philosophy of transplanting; the use of chemicals in habitat rehabilitation; the proposed Desert Pupfish National Monument and possible alternative land use classifications; the role of private conservations and the military in endangered species preservation; land and water development in the southwestern desert; new developments in environmental law; procedures for processing collecting applications; review of species status and preparation of an updated endangered Death Valley System fishes priority list; and preparation and implementation of a 1972 action plan for species preservation.

The Council concluded that ten species and subspecies of Death Valley System fishes should currently be considered as endangered, and preservation programs were drafted accordingly. O

## EXECUTIVE COMMITTEE MEETING

The Executive Committee of the California-Nevada Chapter of the American Fisheries Society met at Gray Lodge State Wildlife Management Area near Gridley, California, on November 13, 1971. In attendance were: President, John Skinner; President-Elect, James Burns; Secretary, Brian Waters; and Immediate Past President, George Allen. Treasurer Dale Lockard was unable to attend. Also in attendance were: Newsletter Editor, Stephen Nicola; Professional Register Committee Chairman, Ralph Hinton; Local Arrangements Committee Chairman, Marvin Whalls; and Clarence Kabel, representing Photo Contest Chairman, Daniel Gotshall. President Skinner called the meeting to order at 9:00 a.m. Secretary Waters reported that the resolution commending the California State Water Resources Control Board for rendering decision D-1379 had been sent out, with copies to 25 agency heads, legislators, congressmen and interested conservation organizations, plus the Western Division and the Parent Society. Waters next mentioned that a letter had been sent to Dr. Hutton requesting that the California-Nevada Chapter be included in the Parent Society's application to the Internal Revenue Service for group tax exemption status. No reply has been received as yet. Likewise, the letter to the Parent Society requesting approval of the amended Bylaws allowing the Chapter to charge dues has not yet been answered. A letter from Western Division Secretary George Holton, requesting that the Division be notified of the results of all future elections, was received.

Newsletter Editor Nicola reported that he plans to have a six-page issue with approximately 400 copies printed for Vol. 1 No.3 of *Pisces*. President Skinner suggested an eight-page format might be needed. Nicola stated he thought he could keep it down to six pages and that it would cost around \$50.00 more to go to eight pages. The Excom decided that Nicola could go to eight pages if it were necessary.

Stan Kabel, substituting for Dan Gotshall, requested that AFS fund the purchasing of ribbons and medals for the photo contest, at a total cost of around \$80.00, half of which would be refunded by TWS following the meeting, or, AFS would be reimbursed the full amount from the gross proceeds of the annual conference. This was followed by a discussion of the advisability over the number of ribbons and newly added medals that make up this cost. It was moved by Burns, seconded by Allen, and passed unanimously that: "The Executive Committee of the California-Nevada Chapter of the American Fisheries Society, under their responsibility for the photo contest at the 1970 joint annual meeting with the Western Division of The Wildlife Society, authorizes an expenditure not to exceed \$80.00, the cost to be shared by each Society. The American Fisheries Society Executive Committee suggests that the contest should be made financially self-sustaining in the future, and this matter should be a major point of discussion in the coming year."

Jim Burns reported on the program for the annual conference and noted that Keith Roberts will charge a fee of \$75.00, which will be paid from the gross receipts of the conference.

### Ad Hoc Committee Reports

Robert Jones has reported to Skinner that the bill to register professional resource managers is still in the California State Legislature and that it probably would go through with fish and wildlife people excluded.

John Radovich has reported to President Skinner that the Marine Fisheries Committee has sent out a questionnaire on how AFS can better serve marine biologists. About half of the questionnaires have been returned to date.

Chairman of the Professional Register Committee, Ralph Hinton, reported that he had sent a draft of his committee's proposed questionnaire to Skinner and that he would send copies to the other Excom members for their review following this meeting. Hinton will forward recommendations to the Excom on how the questionnaire might be handled in terms of retrieval of useful information from the returned questionnaires.

Skinner reported that George Nokes has replaced George Allen as chairman of the Membership Committee.

### New Business

Secretary Waters announced that a letter was received from the Chairman of the Bylaws Committee of the New York Chapter regarding membership categories in our Chapter and whether we would be interested in petitioning the Parent Society to establish an affiliate membership category. In discussion it was noted that Radovich has found that many marine-oriented members weren't interested in the *Transactions* because of a lack of marine papers. The desirability of having Chapter members who weren't also members of the Parent Society was also discussed. It was decided that our Chapter shouldn't promote this, but that we should explore possibilities of making the Parent Society more responsive to fulfilling the requirements of the members, and that we should encourage the New York Chapter to do the same.

President Skinner reported that he has established a committee, as he had previously proposed, to make an objective independent study of the history of the Sacramento-San Joaquin Delta and the factors affecting it. William Longhurst has tentatively agreed to chair the committee. Skinner is now working on the program for the committee. The Chapter may have to come up with some funds to see the study through completion, including publication of a final report. Its publication could be a source of income if done in the form of a monograph or special publication. It may be possible to put it together into a symposium.

President-Elect Burns asked whether or not we should send copies of the December *Pisces* with the annual meeting announcement to non members on employee rosters to boost the possible attendance. It was decided that we should, to the extent that extra copies of the newsletter were available. D

### CWF WORKSHOP SET

As announced at the July Ex-com meeting, our Chapter has been invited to participate in a joint workshop with the Wildlife Society and the California Wildlife Federation, an annual affair sponsored by the CWF. The workshop has been set for March 2 and 3, 1972 at Asilomar, California. Members met October 28 at U.C. Davis to plan the 2-day workshop.

Richard Shomura of the National Marine Fisheries Service in Tiburon will lead a delegation of 11 fisheries resource personnel asked to participate by President Skinner. Others attending will be Robert Brocksen, Harold Chadwick, Ray Dunham, Paul Giguere, Charles Hazel, Paul Jensen, Richard Ridenhour, Scott Soule, Jerry Turner, Elden Vestal, and Paul Wares.

The workshop will consist of a general session followed by three half-day workshop sessions in which the audience will break up into 13 groups of about 8 laymen and 2 professional wildlife workers (one fish and one game specialist) each. The purpose of the workshop is to teach some of the lay conservation leaders of California the fundamental *principles* behind the management and let them know where we stand *now* in terms of achievements, goals, and techniques. The workshop approach of small groups discussing informally with experts and the use of

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visual aids and drawing from familiar local problems should be a very effective means of achieving these goals. The basic principles selected were: (1) Reproductive capacity generally exceeds carrying capacity of habitat, (2) Factors that limit carrying capacity. (3) Population turnover: birth, life expectancy, and death. (4) Inter- and intraspecific competition. (5) Population controls: hunting and predation. D

## 1972 ANNUAL MEETING

Final Preparations have been made for the joint AFSTWS annual meeting at San Luis Obispo January 28 and 29. Program Chairman Jim Burns, working with Dick Forester of TWS, has lined up a top-flight list of speakers and panels for the 2-day session. Burns has stressed that advanced motel reservations are a virtual necessity, as the "no vacancy" sign is a rule rather than an exception almost any night of the year. A list of local hotels and motels, and a reservation form, are included for your convenience. The Motel Inn will be official headquarters of the meeting.

For those attending on a limited budget there will be a dorm (Trinity Hall) available on campus for \$5 a night, single or \$8 a night, double. There should be plenty of rooms available, but advance reservations can be made, if desired, by calling or writing Mr. Ray Baker, California Polytechnic College, San Luis Obispo 93401 (tel. 805-546-2144). If you write you should indicate the meeting you will be attending, your home address, whether single occupancy, married couple, or shared room (name of person with whom you are sharing room), and expected date of arrival and departure. If you do not wish to make advance reservations, the reservation desk at the dorm will be open Thursday the 27th from 5-11 p.m., and on Friday from 12-1 p.m. and 5-6 p.m.

The social hour and banquet on Friday will be held at the Elks Club. A steak dinner will be served at a cost of \$5.25.

### Humboldt Breakfast

The Humboldt Breakfast, open to all HSC students, faculty and alumni will be held at 7 a.m. Saturday morning at Sam's Restaurant, 2015 Monterey St., next to the Motel Inn.

### Transportation Information

Amtrack serves San Luis Obispo from Oakland, San Jose, and Salinas to the north, and Santa Barbara, Oxnard, Los Angeles, Fullerton, Santa Ana, San Clemente, Del Mar and San Diego to the south.

Swift Aire Lines serves San Luis Obispo from San Francisco, San Jose and Paso Robles to the north, and Santa Maria and Los Angeles to the south.

Greyhound busses serve San Luis Obispo from nearly everywhere.

- 10:50-11:10 "Benefits of the California Water Project," - John R. Teerink, Deputy Director, California Department of Water Resources
- 11:10-11 :30 Discussion
- 11 :30-11 :50 "The California Tomorrow Plan for California's Land Use," ~ Harold A. Berliner, Nevada County District Attorney, Secretary, California Tomorrow
- 11 :50-12:00 Discussion
- 12:00-1 :30 Lunch Break

### GENERAL SESSION

**Session Chairman: Tomas Riley, Pacific Gas and Electric Co.**

- 1:30-1 :50 "Effects of Man on The Forest Environment," Edgar Wayburn, M.D., Director, Sierra Club
- 1:50-2:00 Discussion
- 2:00-2:20 "Role of The San Francisco Bay Conservation and Development Commission in Protecting The Estuary," - Joseph E. Bodovitz, Executive Director, B.C.D.C.
- 2:20-2:30 Discussion
- 2:30-2:50 "Dredging-Effects on The Environment," - Colonel Charles R. Roberts, District Engineer, U.S. Army Corps of Engineers

- 2:50-3:00 Discussion

- 3:00-3: 15 Break

### SESSION B: FISHERIES

**Session Chairman: James W. Burns, California Department Fish and Game**

- 3:15-4:15 "African Lakes"
- 3:15-3:35 "Lake Victoria," -Almo J. Cordone, Fishery Biologist, California Department Fish and Game
- 3:35-3:45 Discussion
- 3:45-4:05 "Lake Nasser," - Dr. John DeWitt, Humboldt State College
- 4:05-4:15 Discussion
- 4:15 6:30- Business Meeting
- 7:30 7:30 Social Hour

Banquet - Master of Ceremonies: E. Philip Pister, Associate Fisheries Biologist, California Department Fish and Game

Featured Speaker: William L. Reavley, Director of Field Services, National Wildlife Federation. Topic:

"The 1971 National Environmental Quality Index"

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### CALIFORNIA-NEVADA CHAPTER OF THE AMERICAN FISHERIES SOCIETY

|                        |                   |  |          |
|------------------------|-------------------|--|----------|
| President              | John E. Skinner   | Department of Fish and Game<br>3900 North Wilson Way<br>Stockton, CA 95205                       | 466-4421 |
| Vice-President         | James W. Burns    | Department of Fish and Game<br>987 Jedsmith Drive Sacramento,<br>CA 95819                        | 452-4981 |
| Secretary              | Brian F. Waters   | Pacific Gas & Electric Co.<br>4245 Hollis Street<br>Emeryville, CA 94608                         | 653-3741 |
| Treasurer              | Dale V. Lockard   | Fish and Game Department<br>P.O. Box 4336<br>Las Vegas, Nevada 89107                             | 385-6380 |
| Past President         | George H. Allen   | Div. of Natural Resources<br>Humboldt State College<br>Arcata, CA 95521                          | 826-3448 |
| 1972 PROGRAM COMMITTEE |                   |  |          |
| Chairman               | James W. Burns    | Department of Fish and Game<br>987 Jedsmith Drive<br>Sacramento, CA 95819                        | 452-4981 |
| Local arrangements     | M. J. Wholl,      | Natural Resources Manage. Dept.<br>Calif. State Polytechnic College<br>San Luis Obispo, CA 93401 | 628-2702 |
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| Editorial Assistant    | Robert R. Treanor | Department of Fish and Game<br>987 Jedsmith Drive<br>Sacramento, CA 95819                        | 445-0866 |

## PROGRAM

### Friday, January 28, 1972

- 8:00-9:00 Registration
- 9:00-9:20 Call to Order - Presidents: Merton N. Rosen (TWS); John E. Skinner (AFS)
- 9:20-9:30 Welcome - G. Ray Arnett, Director, California Department of Fish and Game
- 9:30-10:15 Keynote Address - Norman B. Livermore, Jr., Secretary California Resources Agency
- 10:15-10:30 Break

### GENERAL SESSION

**Session Chairman: Scott Soule, North American School of Conservation and Ecology**

- 10:30-11 :30 "Some Pros and Cons of The California Water Project" 10:30-10:50 "Lessons from the State Water Project," - Keith Roberts, Attorney, Ralph Nader Task Force on Power and Land in California

Copy deadline is the 20th of April, August, and December. Send all copy to the Editor.

**Saturday, January 29, 1972**

**GENERAL SESSION**

**Session Chairman: James Yoakum, Bureau of Land Management**

- 8:30-8:40 Welcome - Frank Groves, Director, Nevada Department of Fish and Game
- 8:40-10:20 "Some Solutions to Pollution"
- 8:40-9:00 "Water Quality Control," - Raymond Dunham, Environmental Specialist, California Water Resources Control Board
- 9:00-9:20 "Agricultural Waste Disposal," - Victor Osterli, Program Leader Special Projects, University of California Agricultural Extension Services, Davis
- 9:20-9:40 "Heavy Metals in Sea Birds," - Peter Conors, Research Biologist, Marine Institute, Bodega Bay
- 9:40-10:00 "Solid Waste Disposal," - John Merrell, Director Categorical Programs, Environmental Protection Agency
- 10:00-10:20 Discussion
- 10:20-10:35 Break
- 10:35-10:55 "Professional Society Advocacy and Biopolitics," Dr. Fred G. Evenden, Executive Secretary, The Wildlife Society
- 10:55-11:05 Discussion
- 11:05-11:25 "Popullution - Technical Effects on Fish and Wildlife," - Ted Wooster, Fishery Biologist, California Department Fish and Game
- 11:25-11:35 Discussion
- 11:35-11:50 "Communications with the Public," Paul Giguere, Conservation Education Specialist, California Department Fish and Game
- 11:50-12:00 Discussion
- 12:00-1:30 Lunch Break

**SESSION B: FISHERIES**

Session Chairman: Glen E. Delisle, Chief, Water Quality Planning Program, California Department Fish and Game

- 1:30-1:50 "Rare and Endangered Fishes," - Phil Pister, Fishery Biologist, California Department Fish and Game
- 1:50-2:00 Discussion
- 2:00-2:20 "Roughfish- Trout Relationships in Laboratory Streams," - Hiram Li, University California, Davis
- 2:20-2:30 Discussion
- 2:30-2:50 "Marine Inshore Ecology," - Dan Odenweller, Marine Biologist, California Department Fish and Game
- 2:50-3:00 Discussion
- 3:00-3:20 "Marine Culture," - Earl Ebert, Marine Biologist, California Department Fish and Game
- 3:20-3:30 Discussion
- 3:30-3:50 "Hat Creek Wild Trout Management," Dr. Roger Barnhart, Humboldt State College
- 3:50-4:00 Discussion

**PHOTO CONTEST RULES ANNOUNCED**

Dan Gotshall, Photo Contest Committee chairman, has announced the following rules and procedures for the photo contest and exhibit at our 1972 annual meeting at San Luis Obispo.

**Eligibility**

Open to any member of the California-Nevada Section of either society. The photos must have been taken by you. No photo of any domestic or captive animal is eligible. This includes, but is not limited to birds, mammals, reptiles, amphibians and fish. Wild animals which have grown used to humans *are* eligible-park bears and chipmunks for example.

No photo or slide which has won any prize in a previous Wildlife-Fisheries Society contest may compete.

**Photo Classification**

There are four photo classifications:

1. Black and white prints 5 x 7 to 16 x 20 inches on mounts up to 16 x 20 inches.
2. Color prints 5 x 7 to 16 x 20 inches on mounts up to 16 x 20 inches.
4. Color slides, 2" x 2" mounts (35 mm).
4. Large color slides, 2 1/4 x 2 1/4 to 3 1/4 x 4".

Be sure to write your name and address on the back of each slide or photo that is entered. The photographer's name may not appear on the front. Photos in frames cannot be accepted.

**Photo Categories**

In each of the photo classifications are six categories. They are: (1) Birds; (2) Mammals; (3) Fish; (4) Nature Miscellaneous; (5) Wildlife or Fish Management; (6) Picture Story.

One entry may be submitted for each category within any or all of the classifications. In the picture story you may enter one group of up to five photos in any of the categories. Include a card of up to 50 words of explanation, if desired. Card should be 3 x 5 inches or smaller.

**Exhibit**

Bring your photos when you register and take them to the photo exhibit room. We will have a sign at the conference giving the location of the exhibit. If unable to bring or send your photos with someone, they may be mailed to: Stan Kabel, 1416 Ninth Street, Sacramento, California 95814. All mailed entries. should be received by: January 25, 1972. No mail entries will be accepted after that date.

**Exhibit of Noncontest Photos**

An exhibit of some noncontest photos will also be on display. You are asked to bring any photograph that you would like to exhibit, yet may not wish to enter in the contest.

**Judging**

Judging will be by members registered at the conference. Ballots will be available at the photo exhibit and the hours for voting will be on the ballot.

**Awards**

First, second and third place awards will be made to winners in each category of the four classifications. In addition, a "Grand Champion" award will be presented to the entry voted the "overall-best-liked" at the conference. Awards will be announced at the banquet. Your assistance and cooperation is asked in helping make this photo contest and exhibit a real success. **O**

**BYLAW CHANGES SUGGESTED**

The Bylaws Committee submits the following Bylaws changes and additions for consideration at the next annual Chapter meeting:

1. To provide for a mail ballot for the election of Chapter officers change Section 4, Officers, as follows:

The officers of the Chapter shall consist of a President, a Vice President, Secretary, and a Treasurer.

~~Officers shall be elected at the annual meeting by a plurality of the members in attendance.~~ **The election of officers shall be by mail ballot. The procedures for the conduct of the mail ballot shall be determined by the Executive Committee.**

2. To provide for the nomination -of officers for election add a paragraph (c) to Section 7, Chapter Committees:

**(c) A nominating committee of not less than four (4) active members, with representatives from both member states, shall be appointed to present to the Executive Committee a slate of candidates for specific chapter offices. The names of at least two active members shall be submitted for each office to be elected. The nominations and a short biographical sketch of each nominee shall be published in the Chapter Newsletter at least 30 days in advance of the annual meeting. Additional nominations may be placed on the Nominating Committee's slate upon the signed signature approval of any five members in good standing, and provided prior approval of the nominee has been obtained. Such additional nominations must be submitted to the Nominating Committee at least 60 days in advance of the annual meeting.**

3. To define the "Program Committee" as a stated responsibility of the Vice President, add paragraph (d) to Section 7, Chapter Committees:

(d) A program committee shall be appointed of not less than three (3) members including the Vice President who shall be chairman. The program committee shall be responsible for arrangements of the program for the annual meeting consisting of technical papers, symposia related to fisheries, and other appropriate activities related to the fisheries field.

4. To clarify who has the responsibility for committee appointments, add paragraph (3) to Section 7, Chapter Committees:

The President of the California-Nevada Chapter is authorized to appoint from members of the Chapter in good standing such committees as may be necessary for the conduct of the business of the Chapter. These committees shall include:

(e) Any other temporary or ad hoc committees that are deemed necessary to carry out the work of the chapter.

5. To provide for the option of a mail ballot for bylaw changes, dues and assessment changes, etc., change Section 11, Amendments to the Bylaws, as follows:

The bylaws of the Chapter may be amended and approved in accordance with Article IV, Paragraph 4, and Article VI, Paragraph 3 of the Constitution of the American Fisheries Society, by Section 9' of these bylaws, and by mail ballot. Conduct of a mail ballot shall be determined by the Executive Committee. D

## WESTERN DIVISION ORGANIZATION CHANGE PROPOSED

At the recent meeting of the Western Division of the AFS in July, members from the Arizona-New Mexico Chapter proposed that the Western Division be abolished in favor of separate Northwestern and Southwestern divisions. According to these members, the present division is simply too large to allow regular attendance at meetings, primarily because of the great distances involved and the general inability of obtaining travel clearance, expenses, etc. Because of the seriousness of this proposal and the fact that it would require a change in the by-laws of the Division, it was decided to defer any action at least until the next Division meeting. Division president Arthur Whitney has asked each Chapter in the Division to consider the merits of this proposal and, on a more general basis, how the Division could otherwise be altered to better meet the needs of its members.

As a result of these developments, CNC president Skinner has appointed an ad-hoc committee to formulate the Chapter's position on this proposal and to determine how best the Chapter's interests can be represented within the Society. Richard Ridenhour will chair this committee, with the aid of Jim Adams, Jim Burns, Robert Elwell, Cecil Martin, and Richard Miller.

Ridenhour is already on record as favoring an organizational change of some sort, possibly along the lines of the Wildlife Society's Section-Chapter structure. An interim report from his committee will likely be forthcoming at the CNC meeting in San Luis Obispo. Members are urged to write Ridenhour or other committee members to express their views on this important subject. D

## PROFESSIONAL REGISTER COMMITTEE FORMED

Following-up on the plans for Chapter programs and activities outlined in his acceptance message (*Pisces* 1(1)), President Skinner, with approval of the Executive Committee has appointed a committee to compile a Chapter Register of Professional Personnel. The committee consists of Ralph Hinton, chairman, Frank Goodson, and Verne King. The intent of the register is to provide a list of AFS members with expertise in various subject matter. The list will be consulted to draw upon experts for special studies, committee assignments, the drafting of policy or position statements, as consultants to sportsmen's or conservation groups, or at legislative hearings. D

## CANDIDATES ANNOUNCED

Candidates for the office of President-Elect of the California-Nevada Chapter were announced at the recent Excom meeting at Graylodge. Nominations were submitted by Nominations Committee Chairman John Hayes in a letter read by President Skinner. They are:

Martin R. Brittan, Prof. Biol. Sci., Sacramento State College.  
B.A. Biol. Sci. San Jose State, 1946. Ph.D. Stanford 1951. Active in fish and wildlife, ecological education.

Glenn E. Delisle, presently Chief of the Water Quality Planning Program, California Department of Fish and Game, Sacramento. Delisle received a B.A. degree in Wildlife Conservation from U.C. Berkeley in 1954. After 2 years in Germany in the Army Medical Corps and a short term of graduate study at Cal., Delisle joined California Fish and Game as a Fishery Biologist I in 1957 (Inland Fisheries Branch, Trout Research). Subsequent assignments were: Fishery Biologist II in 1959 (Region 2, Water Projects); Fishery Biologist III in 1961 (Region 2, Water Projects); Senior Fishery Biologist in 1964 (Fish and Wildlife Plan); Principal Fish and Wildlife Resources Manager in 1966 (S.F. Bay Study); Branch Chief/ Regional Manager in 1969 (Protected Waterways Program). Delisle is a certified fisheries scientist by A.F.S. standards, has been a member for 15 years and presently is Chairman of the Rare and Endangered Species Committee. D

## NEWSLETTER SPONSOR SOUGHT

An effort is underway to find one or more individuals or groups to sponsor the publication of *Pisces* with a tax deductible contribution to the treasury of the Chapter. Almo Cordone barely unpacked after his return from Africa, has agreed to beat the bushes for that rare species of animal willing to part with some cash for a worthy endeavor. Although our annual income could probably support a newsletter such as *Pisces*, particularly now that we have Chapter dues, outside financial support would relieve our treasury of a major burden. This would allow an increase in expenditures for other existing or future Chapter programs.

The CNC, through the parent Society, has applied for recognition as a non-profit and, therefore, tax-exempt organization. Such a designation will reduce the cost of mailing our newsletter by about 5%. Other means are being sought to reduce costs also; however, these savings will probably be offset by future increases in circulation. D

## TREASURER'S REPORT

for Period May 1 to Nov. 5, 1971

|   |          |
|---|----------|
| Balance May 1, 1971 :                     | \$635.54 |
| Income:                                   | None     |
| Disbursements:                            |          |
| Printing and Mailing, <i>Pisces</i> 1(1)  | \$163.14 |
| S. Nicola, Personal Expenses              | 5.56     |
| Bank of Nevada, Withdrawal for Checks     | 2.35     |
| J. Skinner, Water Commission Meeting      |          |
| Expenses                                  | 20.17    |
| Berkeley Blue Print, Printing Stationary  | 24.90    |
| Printing and Mailing, <i>Pisces</i> 1 (2) | 133.68   |
| Total                                     | \$349.80 |
| Cash Balance November 5, 1971:            |          |
| Checking Account                          | \$85.74  |
| Savings Account                           | 200.00   |
| Total                                     | \$285.74 |

Leo Shapovalov  
Dept. of Fish &  
Game 1416 - 9th  
Street Sacramento. 95814  
Calif.

## MARINE FISHERIES COMMITTEE FORMED

Citing a need to increase the membership of marine biologists in the Chapter, President Skinner has appointed a special Marine Fisheries Committee to determine if the needs and interests of marine fisheries biologists are being met by our Society. Apparently they are not, since Skinner has indicated that a disproportionately large segment of marine biologists in California do not belong to the AFS. He has requested the committee to fully analyze the problem and explore ways to attract and hold their interest.

Members of the committee are John Radovich, Chairman, Norman Abramson, Clark Blunt, John Carlisle, Richard Heimann, William Lenarz, John Prescott, and Paul Wares. 0

## RESOLUTION PASSED

A resolution commending the State Water Resources Control Board for its decision to set water quality standards that protect the striped bass resource of the Delta (*Pisces* Vol. 1, No.2) was passed recently by the Policy-Resolutions Committee and forwarded to the Executive' Committee for approval. At the November 13 meeting of the Excom it was announced that approval had been granted and the resolution transmitted.

WHEREAS, the State Water Resources Control Board on >July 28, 1971 rendered its Decision D-1379 and Order regarding salinity control and conditions for the protection of fish and wildlife in the Sacramento-San Joaquin Delta, and:

WHEREAS, the Board's decision has taken into consideration and weighed carefully the complex and detailed evidence relating to fish and wildlife and the quantity and quality of water required for preservation of the resources and;

WHEREAS, it is the judgement of the Executive Committee of the California-Nevada Chapter of the American Fisheries Society that the "Standards for Protection of Fish and Wildlife" in the Decision of the Board is consistent with the scientific findings and best biological evidence now available regarding the resources requirements and;

WHEREAS, in the judgement of the Executive Committee of the California-Nevada Chapter of the American Fisheries Society, the Board has rendered a precedent setting decision, which embodies a commitment to both the spirit and intent of the laws governing the quality of our environment and;

W H E R E A S, the California-Nevada Chapter of American Fisheries Society does firmly believe that this courageous and bold commitment by the Board is in the long-term interest of all Californians and the nation;

NOW THEREFORE, BE IT RESOLVED that the Executive Committee of the California-Nevada Chapter of the American Fisheries Society, on behalf of all members does hereby commend the California State Water Resources Control Board and its staff for their forthright decision in D-1379 and their commitment to the cause of a quality environment and;

BE IT FURTHER RESOLVED, that copies of this Resolution be transmitted to Governor Ronald Reagan, the Directors of Fish and Game and Water Resources, and the U.S. Bureaus of Reclamation and Sport Fisheries and Wildlife. 0

## RARE AND ENDANGERED SPECIES

Glenn Delisle, Chairman of the Committee, informs us that the Committee will submit a preliminary report containing observations, conclusions and recommendations at the annual meeting in San Luis Obispo. Delisle points out that confusion regarding the concept of rare and endangered species has probably developed, at least in California for several reasons:

0 No marine fishes, organisms or plants are contained in the State's officially adopted rare and endangered list;

0 The "fully protected animal" listing approved by the legislature and noted in the Fish and Game Code is a companion approach to protecting rare and endangered species. Some fishes on the fully protected list are not on the rare and endangered list;

0 Two lists are potentially confusing, particularly for a species that is both rare and endangered (and perhaps fully protected). Further, while not so stated, it is *generally* true that endangered species can also be considered rare - but the converse is obviously not so;

0 The role of the federal "Red Book" in superceding state decision or action;

0 Concentration on species to the exclusion of rare or endangered "fisheries" and rare or endangered fish habitats (regardless of whether they contain rare or endangered fishes or fisheries).

0 An unfounded fear that any such program will eliminate *any* opportunity to train a scientific eye on what is happening to these various species and environments.

The committee members have urged adoption of a policy resolution that is stronger and which goes much further than the related one adopted by The Wildlife Society. Another recommendation is that a rare and endangered species committee be established as a permanent Chapter activity. A major recommendation is that the Chapter prepare an annual (or at least biennial) report on fishes, fisheries, habitats, organisms and plants (marine and freshwater) that are rare or endangered and the evaluation of efforts to maintain them. 0