

AFS
CALIFORNIA/NEVADA
CHAPTER DOCUMENTS
1990

*Cal-Nevada
Chapter*



American Fisheries Society

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MAR 05 1990

CALIFORNIA-NEVADA CHAPTER
3400 Crow Canyon Road
San Ramon, California 94583

February 28, 1990

AMERICAN FISHERIES SOCIETY

Ms. Toni Brome, Subunit Liaison
American Fisheries Society
5410 Grosvenor Lane, Suite 110
Bethesda, Maryland 20814-2199

Dear Ms. Brome:

The California-Nevada Chapter of AFS recently held its annual election. The following candidates were elected to office:

Larry E. Week, President-elect
California Department of Fish & Game
P.O. Box 47
Yountville, California 94599
(916) 944-5526

Arthur C. "Chuck" Knutson, Secretary
California Department of Fish & Game
1416 Ninth Street
Sacramento, California 95814
(916) 445-6294

Please note that they will not take office until September 1, following the parent Society's annual meeting. At that time, progressing from President-elect to President, will be:

Don C. Erman
Department of Forestry and Resource Management
145 Mulford Hall
University of California
Berkeley, California 94720
(415) 642-5285

Continuing as Treasurer will be:

Kevan Urquhart
California Department of Fish and Game
4001 North Wilson Way
Stockton, California 95205
(209) 466-4421

Ms. Toni Brome

2

February 28, 1990

If you have any questions, I can be contacted at the letterhead address or by phone at (415) 866-5825.

Sincerely,

A handwritten signature in cursive script that reads "Paul F. Kubicek".

Paul F. Kubicek, Chair
Bylaws and Nominations Committee
California-Nevada Chapter, AFS

cc: Mike Aceituno, President, Cal-Neva AFS
Mike Mainz, Secretary, Cal-Neva AFS

ELKO COUNTY CONSERVATION ASSOCIATION

P. O. BOX 2561
ELKO, NEVADA 89801
(702) 738-7836
(702) 738-3416

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AUG 6 1990

AMERICAN FISHERIES SOCIETY

Carl Sullivan
Executive Director
American Fisheries Society
5410 Grosvenor Lane
Bethesda, MD 20814

Dear Mr. Sullivan:

The preliminary environmental assessment evaluating the proposed Mary's River land exchange has been released by Olympic Management, Inc. The Bureau of Land Management has reviewed this document and their comments have been incorporated; however, this is not a BLM document and there is no required comment period.

The present proposal has been modified considerably from the original to address the concerns of opponents to the original exchange. The Elko County Conservation Association feels the present exchange proposal still presents an unprecedented opportunity for the public to acquire riparian lands that have exceptional wildlife and recreational values.

As the preliminary environmental assessment demonstrates, the exchange would also generate considerable economic benefits for Elko County.

The Elko County Commissioners will be considering the proposal by Olympic Management, Inc. during their regular August 15th meeting that begins at 9:00 a.m. Unless there is considerable public support for the exchange, the proposal will likely be rejected by Elko County. This would mean the loss to the public of a splendid fishing, hunting and recreational area. For this exchange to succeed the public will have to be involved.

If you cannot personally attend the Elko County Commissioner's meeting, we are asking supporters to call and write the Elko County Commissioners. Please send copies of these letters to Representative Vucanovich, Senators Reid and Bryan, and Cy Jamison.

The Elko County Commissioners may extend the public comment period into September but this is not a certainty so it is

important to get your comments in early.

Mary's River Land Exchange
Page 2 of 2

If you would like a copy of the Environmental Assessment, call Olympic Management, Inc. at (602) 951-3301.

The name and addresses of the people to contact are as follows:

Elko County Commissioners
Elko County Court House
Elko, Nevada 89801
Phone: (702) 738-5398

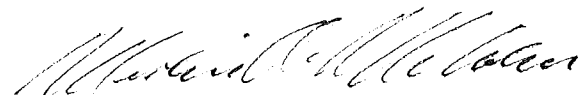
Senator Harry Reid
708 Hart Senate Office Building
Washington D. C. 20510
Phone: (202) 224-3542

Senator Richard Bryan
708 Hart Senate Office Building
Washington D. C. 20510
Phone: (202) 224-6308

Representative Barbara Vucanovich
Cannon House Office Building, Room 507
Washington D. C. 20515
Phone: (202) 225-6155

Cy Jamison, Director
Bureau of Land Management
1849 C Street, NW Rm 5660
Washington D. C. 20240
Phone: (202) 343-3801

Yours truly,



Merlin A. McColm
Secretary
Elko Co. Conservation Assn.

Please find enclosed Summary of EA.

MARY'S RIVER LAND EXCHANGE
PRELIMINARY ENVIRONMENTAL ASSESSMENT
FACE SHEET

A land exchange has been proposed by Olympic Management Incorporated to exchange 46,935 acres of private land located predominately in the Mary's River drainage of Elko County, Nevada for public lands of equal value (approximately 970 acres) in Clark County, Nevada.

These offered lands involve 42,810 acres of upland habitat and would consolidate 227,000 acres of checkerboard lands (alternate sections of private and public land). Much of this area is dominated by sagebrush with an understory of forbs and both annual and perennial grasses. This consolidation would allow the Bureau of Land Management to improve vegetative conditions much of which are substantially below potential and would result in the following benefits:

IMPROVED DEER WINTER RANGE
IMPROVED ANTELOPE PRODUCTION
IMPROVED SAGE GROUSE NESTING, BROOD REARING, AND LEK HABITATS
IMPROVED RODENT AND RABBIT POPULATIONS AND THE INCREASED PREY
AVAILABILITY FOR TERRESTRIAL AND AVIAN PREDATORS

The balance of the offered lands involve mostly contiguous tracts of bottom lands along the Mary's River and its tributaries. The land trade would place 47.6 additional miles of the Mary's River drainage under public ownership. The Mary's River floodplain currently supports 5,276 acres of riparian wet meadow, 4,540 acres of bulrush/cattail marsh, and 1,353 acres of willow habitat. The area is occupied by populations of Lahontan cutthroat trout, a threatened species, and is a key area of high priority in efforts to restore the species. The area is also inhabited by 63 species of birds, 23 species of mammals, and 3 species of reptiles/amphibians. Most notable among these species are sandhill cranes, Swainson's hawk, river otters, various water fowl, wading birds, and shorebirds, and three federal candidate species (white-faced ibis, long-billed curlew, and ferruginous hawk).

These riparian/aquatic habitats are in poor condition. Prior to the 1960's, the Mary's River system was a steady, meandering stream supporting a large riparian community. Presently, the stream has downcut below the floodplain and riparian vegetation has greatly diminished. As an example, 51.3 miles of stream in the offered lands were once inhabited by Lahontan cutthroat trout; now only 22.7 stream miles are inhabited by this fish.

The improvement and enhancement of the floodplain habitat is expected to:

RESTORE A TOTAL OF 72.7 MILES OF LAHONTAN CUTTHROAT TROUT HABITAT AND INCREASE FISH POPULATIONS FROM AN AVERAGE OF 340 TO 2,500 FISH PER MILE WITHIN TEN YEARS.

IMPROVE NESTING/FORAGING HABITAT FOR SENSITIVE SPECIES (WHITE-FACED IBIS, LONG-BILLED CURLEW, SANDHILL CRANES).

IMPROVE RAPTOR NESTING/FORAGING. UPGRADE WINTERING HABITAT FOR NORTHERN HARRIERS, RED-TAILED HAWKS, SWAINSON'S HAWKS, KESTRELS, OSPREYS, GOLDEN EAGLES, SHARP-SHINNED HAWKS, COOPER'S HAWKS, GOSHAWKS, FERRUGINOUS HAWKS, ROUGH-LEGGED HAWKS, AND PRAIRIE FALCONS.

IMPROVE UPLAND GAME PRODUCTION (COTTONTAIL RABBIT, SAGE GROUSE, HUNGARIAN PARTRIDGE, WHITE-TAILED JACK RABBIT).

IMPROVE WATERFOWL PRODUCTION/MIGRATION USE FOR AT LEAST 15 SPECIES (POSSIBLY TRUMPETER SWANS).

IMPROVE FURBEARER POPULATIONS (RIVER OTTER, MINK, BEAVER, RACCOON, MUSKRATS).

IMPROVE BIG GAME PRODUCTION (MULE DEER, ANTELOPE, MOUNTAIN LION).

IMPROVE BIRD, MAMMAL, REPTILE AND AMPHIBIAN POPULATIONS.

The proposed land exchange would greatly increase public access and recreational opportunities on the consolidated block of public lands. Hunter days are projected to increase from 600 to 6,725. Fishing visitor days would increase from 200 to 8,406. Other activities such as camping, picnicking, bird watching and nature photography would also increase. Total annual visitor use is projected to eventually increase to 27,459 visitor days, resulting in a total expenditure increase of approximately \$589,669 and \$174,542 in increased local income. This estimate does not include upland recreation, waterfowl hunting, shorebird viewing, or rafting opportunities that would be available on these consolidated offered/public lands.



American Fisheries Society

JOE G. DILLARD
President 1989-1990

CARL R. SULLIVAN
Executive Director

PAUL BROUHA
Deputy Director

August 13, 1990

Michael Aceituno, President
AFS California-Nevada Chapter
5133 Butterwood Circle
Orangevale, CA 95662

Dear Mike:

The enclosed document is being forwarded to the California-Nevada Chapter for possible action. We realize the time is short; however since your geographic area is involved you might wish to offer support or comments.

Sincerely,

Carl R. Sullivan
Executive Director

CRS/twb
Enclosure

cc: Pat Coffin, Nevada Chief of Fisheries

File
Cal-Nevada Chapter



American Fisheries Society

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AMERICAN FISHERIES SOCIETY

August 28, 1990

CALIFORNIA-NEVADA CHAPTER
9557 Dillard Road
Wilton, CA 95693

The Honorable Alan Cranston
United States Senator
Washington, D.C. 20510

Dear Senator Cranston:

The California-Nevada Chapter of the American Fisheries Society urges you to support the appropriation of Land and Water Conservation Funds for acquisition of private inholdings within Hope Valley (Toiyabe National Forest), Grouse Lakes, (Tahoe National Forest), and Castle Peak adjacent to the Pacific Crest Trail (Tahoe National Forest).

These lands contain important cold water fisheries resources. The Castle Peak and Grouse Lakes properties include frontage on ten highly popular trout fishing lakes and the Hope Valley property includes frontage on ten miles of the West Fork Carson River and its largest tributary, Red Lake Creek. Many of these properties are threatened with incompatible development and may not be available again if not purchased this year.

We were pleased that the House of Representatives voted to appropriate \$3.5, \$2.0, and \$4.1 million dollars, respectively, for acquisition of these properties and hope that the Senate will do the same.

Thank you in advance for your assistance in this effort.

Sincerely,

Monty Knudsen

for Michael Aceituno
President

cc: Paul Brouha, AFS
Washington, D.C.



American Fisheries Society

ORGANIZED 1870 | INCORPORATED 1910

August 28, 1990

CALIFORNIA-NEVADA CHAPTER

9557 Dillard Road
Wilton, CA 95693

The Honorable Pete Wilson
United States Senator
Washington, D.C. 20510

Dear Senator Wilson:

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We were pleased that the House of Representatives voted to appropriate \$3.5, \$2.0, and \$4.1 million dollars, respectively, for acquisition of these properties and hope that the Senate will do the same.

Thank you in advance for your assistance in this effort.

Sincerely,

A handwritten signature in cursive script that reads "Monty Knudsen".

for Michael Aceituno
President

cc: Paul Brouha, AFS
Washington, D.C.



American Fisheries Society

ORGANIZED 1870 | INCORPORATED 1910

September 12, 1990

CALIFORNIA-NEVADA CHAPTER
9557 Dillard Road
Wilton, Calif. 95693

Mr. Marvin Plenart, Regional Director
U.S. Fish and Wildlife Service
1002 N.E. Holladay Street
Portland, Oregon 97232-4181

Subject: Petition to List the Giant Garter Snake (Thamnophis gigas)
as an Endangered Species Pursuant to Section 4 of the
Endangered Species Act

Dear Mr. Plenart:

The American Fisheries Society (AFS) is an international organization of professionals dedicated to the conservation, development and wise management of North America's fishery and aquatic resources. The California-Nevada Chapter has over 400 active members residing in California and Nevada. Recent information available to our chapter indicates that the giant garter snake (Thamnophis gigas) has experienced highly significant losses of habitat and populations, and an enormous reduction in range. Furthermore, ever escalating human development in the Sacramento Valley and the northern San Joaquin Valley pose imminent threats to the remaining habitats and populations of this aquatic snake.

Although recognized as a threatened species by the State of California because of the historical and continuing losses of habitat and populations, the protections afforded the species under state law are inadequate and have failed to reverse the ever worsening conditions for the species. Because the species is a category 2 candidate information in the Service files shows that the species may warrant listing as endangered or threatened, but conclusive data on the biological vulnerability and threats are currently not available. Therefore, by this letter, the California-Nevada Chapter of the American Fisheries Society presents additional data and information on the rapid declines in the range, habitat and populations of this aquatic snake and pursuant to Section 4 (a)(3)(A) of the Endangered Species Act and section 553(e) of title 5, United States Code, we hereby formally petition you to immediately list the giant garter snake as an endangered species.

We find that virtually all areas where the species is found are imminently threatened by a variety of proposed and ongoing human actions. The largest known population, which occurs in the Natomas

region of the Sacramento Urban area, is in imminent jeopardy from a proposed flood control project that would support extensive new urban developments within virtually all of the remaining areas inhabited by this snake. Unfortunately, this area represents the most significant remaining concentration of the species. Furthermore, impending plans for many similar developments exist throughout the species' range thus the continued existence of this species is in imminent jeopardy.

Any questions you may have regarding this petition should be directed to our Conservation Committee at 916/687-7816 or write to them at the address below.

Sincerely,

Cal Markman (Conservation Committee Chair)

for Don C. Erman, Ph.D.
President

California-Nevada Chapter
American Fisheries Society
9557 Dillard Road
Wilton, California 95693.

Attachment

cc: Wayne S. White, Field Supervisor
Sacramento Field Office
U.S. Fish and Wildlife Service
2800 Cottage Way, Room E-1803
Sacramento, California 95825

K. Garrison, NRDC
R. Spotts, Defenders of Wildlife
T. Graff, EDF
M. Eaton, ECOS
J. Brode, CDFG
J. Mayer, Sacto Bee

SUPPORTING INFORMATION

I. SPECIES BEING PETITIONED

Common Name: Giant Garter Snake

Scientific Name: Thamnophis gigas (Rossman and Stewart)

Taxonomic Literature: Fitch 1940, Fox 1951, Rossman and Stewart 1987.

II. RECOMMENDED ACTION

List as Endangered

IV. SUMMARY OF THREATS

a. Present or threatened destruction, modification, or curtailment of habitat or range:

Like most information on the historical extent of the natural resources of California, data on the historical range of the giant garter snake is limited. Fitch (1940) described the range of the giant garter snake as extending from Buena Vista Lake in the extreme south western corner of the San Joaquin Valley (Fitch 1940) to the vicinity of Sacramento and easterly to Antioch. Recent field investigations of the Department of Fish and Game (1980, and unpublished file reports 1986, 1986-87, and 88-90) has extended the probable maximum range to include portions of the upper Sacramento Valley to the vicinity of Chico, Butte County (Figure).

Based largely on historical information from Fitch (1940) and reconstruction of the probable historical availability of

suitable wetland habitat in the Central Valley it is believed that the giant garter snake historically ranged over the historical flood basins which cover much of the San Joaquin and Sacramento Valleys and portions of the eastern Sacramento-San Joaquin Delta. The east-west distributional limits in the Sacramento and San Joaquin Valleys was likely determined by the snakes preference for slower backwaters of streams and rivers, permanent and seasonal ponds with emergent vegetation and open water marshes. Thus the western limits probably occurred at or near the western edge of the historic flood plains of the Sacramento and San Joaquin Rivers, wherever suitable emergent wetland habitats were at least seasonally available.

The eastern limits likely occurred where the Sierran foothill streams begin to increase in flow gradient becoming much more dynamic in their flow regime and emergent vegetation becomes more limited. In the San Joaquin Valley the easternmost occurrences noted in the literature include the cities of Visalia and Porterville in Tulare County. The easternmost records in the Sacramento Valley occurred near Wilton, Sacramento County and Oroville in Butte County. In the Delta, the distributional limits of the giant garter snake probably coincided with the historical occurrence of salt marsh and deeper water habitats with large predatory fish. Rossman and Stewart (1987) show a historical record near the tip of Sherman Island, however, recent surveys in this area suggest

that the species has been extirpated from much of the former Delta habitat (Hansen 1988).

Today, the giant garter snake is known from a minor remnant of its historical range. A brief summary of the status of the species throughout its historical range is provided by Hansen (1988 unpubl draft report). The species apparently has been extirpated from most of the San Joaquin Valley as a result of the virtually complete conversion of the valley to intensive agricultural production. In addition, today urban areas have developed and continue to expand along most of the former river lands, flood plains, and valley lands that historically supported habitat for this species. This primarily is a consequence of recent shifts in the urban developments from the already highly urbanized areas such as Los Angeles, the Bay area and other urbanized valley areas, to the more rural areas in the Central valley.

Massive water development projects such as the Friant Unit of the Central Valley Project, State Water Project and various flood control projects such as Pine Flat Reservoir, Kaweah Reservoir, Success Reservoir, Isabella Reservoir and a multitude of local water agencies and districts in the San Joaquin Valley have diverted or altered most of the flows from virtually all of the larger Sierran rivers and streams for agricultural, municipal, and flood control purposes. This has greatly altered the waterscape of the valley and eliminated

more than 98 percent of the wetland and riparian habitats that formerly existed in the region. The result has been the virtual elimination of suitable habitat for this species in the San Joaquin Valley.

b. Overutilization for commercial, recreational or educational purposes:

Threats from these sources are not known for this species

c. Disease or predation

Threats from disease or predation are not quantitatively known. Predation has been documented at various times and many species are known to prey on the giant garter snake (Hansen unpubl.). Undoubtedly some of the greatest losses occur to the young of the year. Egrets, herons and other predatory birds are the most visibly abundant predators. These predaceous species have been observed feeding upon young snakes as they move along the shorelines, banks and shallow areas of the wetlands they inhabit.

Some individual snakes may also be taken as they move into the upland areas to hibernate. It is believed that introduced game fish such as the largemouth bass, crappie, and other large bodied predatory fishes may have eliminated former populations throughout large portions of the species'

historical range. These fish may also play a critical role in preventing reestablishment of populations in many of the waterways within the species historical range.

Disease certainly affects individuals of the species, however, it is not known if disease presently affects a significant proportion of any of the populations. A number of individuals in the Sacramento Valley have been observed with severely infected scars that apparently were the result of pecking by herons or egrets. This suggests that the largely aquatic habit of the species may make it particularly prone to infection from waterborne bacteria, fungi or other micororganisms. This tendency, which likely is particularly acute for young snakes, may contribute significant mortality risk for new born and subadult snakes.

Despite the obvious conclusion that predation and disease do effect some constraints on the species' population numbers, and probably some population segments more than others, little empirical data exist documenting the role predation has played in the reduction of the range of this species or the present vulnerable status of the remaining population.

At present, disease and predation do not appear to be primary or significant threats because of the relatively high natural fecundity of the species. This is further supported by the observation that many areas of suitable habitat within the

species' presently occupied range are well stocked. Nonetheless, if habitat loss and population fragmentation continue at the present rate, it is certain that in the near future (5-10 years) these now relatively minor demographic events could easily assume critical significance.

d. Inadequacy of existing regulatory mechanisms:

The primary cause of the decline of this species is the loss of habitat from human developments. Although the California Fish and Game Commission lists this species as threatened and there are many applicable state laws and regulations encouraging the protection of the species they have not been able to prevent the continued destruction of the species' habitat or populations. The various local land use planning agencies that directly manage land use (and the indigenous wildlife and fish that occupy those lands) apparently lack adequate funding, personnel and authorities to prevent continued loss of habitat for this species.

e. Other natural or manmade factors affecting its continued existence:

There are a number of other factors that may be affecting populations of the giant garter snake, although none of these potential threats is clearly documented. Water pollution, stream flow alterations, damming, flood control and water

diversions all have high potential to adversely affect the species. These potential threat factors and activities occur extensively throughout the species historical range and presently occupied range.

Pesticide residues, which occur extensively in California's agricultural regions are a major recent focus of studies by the Fish and Wildlife Service, California Department of Fish and Game, California Department of Food and Agriculture and many other private interest groups because of their biotoxicity to fish and wildlife. Pesticide residues frequently occur in very high concentrations throughout the waterways where this species is found. Their effects on the giant garter snake are essentially unknown.

One significant adverse impact of urbanization in the vicinity of giant garter snake habitat is increased traffic, both vehicular and pedestrian. Giant garter snakes which formerly could cross and bask in relative security on previously little-traveled country roads, are more frequently killed or injured. Mortality increases significantly with increased traffic levels and the larger, more fecund females appear to suffer disproportionately higher mortality.

At present, the area of highest population levels and the greatest contiguous habitat for this species occurs in the southern portion of the American Basin, Sacramento, and Sutter

Counties California. This is one of the most rapidly urbanizing regions of the state.

The Corps of Engineers in cooperation with the California Department of Water Resources, the State Reclamation Board, City and County of Sacramento, and the counties of Sutter and Yolo, are developing plans for constructing massive flood control and drainage plans for this area (Sacramento County 1989, USFWS 1990). These plans would substantially alter virtually all of the remaining habitat for this species in the basin further fragmenting significant population segments and adversely changing the hydrology and drainage patterns of the area irreversibly. Implementation of this project, as presently envisioned by the Corps of Engineers and local interests, is likely to result in the extirpation of the largest remaining population segment of this species.

In the southern portion of Sacramento County and northern San Joaquin County rapid urbanization and flood control efforts have eliminated formerly significant population segments and continue to encroach upon the few remaining wetland areas still supporting the species (Hansen 1982). Thus far efforts to mitigate wetland losses have failed to replace habitat for this species with the result that populations continue to disappear from former areas. If these adverse actions continue unabated over the next three to five years the species will lose critically important habitat that is needed

to maintain continuity between and among populations. The likely ultimate result is the extinction of the species because the remaining highly disjunct populations will be unable to maintain critical interchange of individuals and sufficient population levels to keep ahead of even normal mortality factors.

LITERATURE CITED

Fitch, H.S. 1940. A biogeographical study of the ordinoides artenkreis of garter snakes (genus Thamnophis). Univ. Calif. Publ. Zool. 44: 1-150.

_____. 1941. The feeding habits of California garter snakes. Calif. Fish and Game 27: 2-32.

Hansen, G. E. 1990. Reestablishment of the Giant Garter Snake along newly disturbed canals during 1988-1990. Progress report, Interagency Agreement #03E325/FG7550, Caltrans/California Department of Fish and Game, Sacramento, CA

Hansen, G.E. 1988. Review of the status of the giant garter snake (Thamnophis couchi gigas) and its supporting habitat during 1986-1987. Final Report No. C-2060. California Dept. Fish and Game. Unpubl. Draft Rept.

Hansen, G.E. 1982. Status of the giant garter snake (Thamnophis

couchi gigas) along portions of Laguna and Elk Grove Creeks, Sacramento County, California. Report to Sacramento County Planning Dept.

Hansen, G.E. and J.M. Brode. 1980. Status of the giant garter snake, Thamnophis couchi gigas (Fitch). Calif. Dept. Fish and Game Inland Fisheries End. Species Program Special Publ. 80-5: 14p.

Rossman, D.A. and G.R. Stewart. 1987. Taxonomic Reevaluation of Thamnophis Couchi (Serpentes: Colubridae). Occasional Papers of the Museum of Zoology, Louisiana State University. No. 63: 25pp.

Sacramento County 1989. Draft Environmental Impact Report for the Natomas Area Drainage Plan. Sacramento County Dept. of Environmental Planning.

U.S.F.W.S. 1990. Draft Coordination Act Report for the American River Watershed Investigation and Substantiating Report Vol. 1, Natomas Area. U.S.F.W.S. Sacramento Field Office.

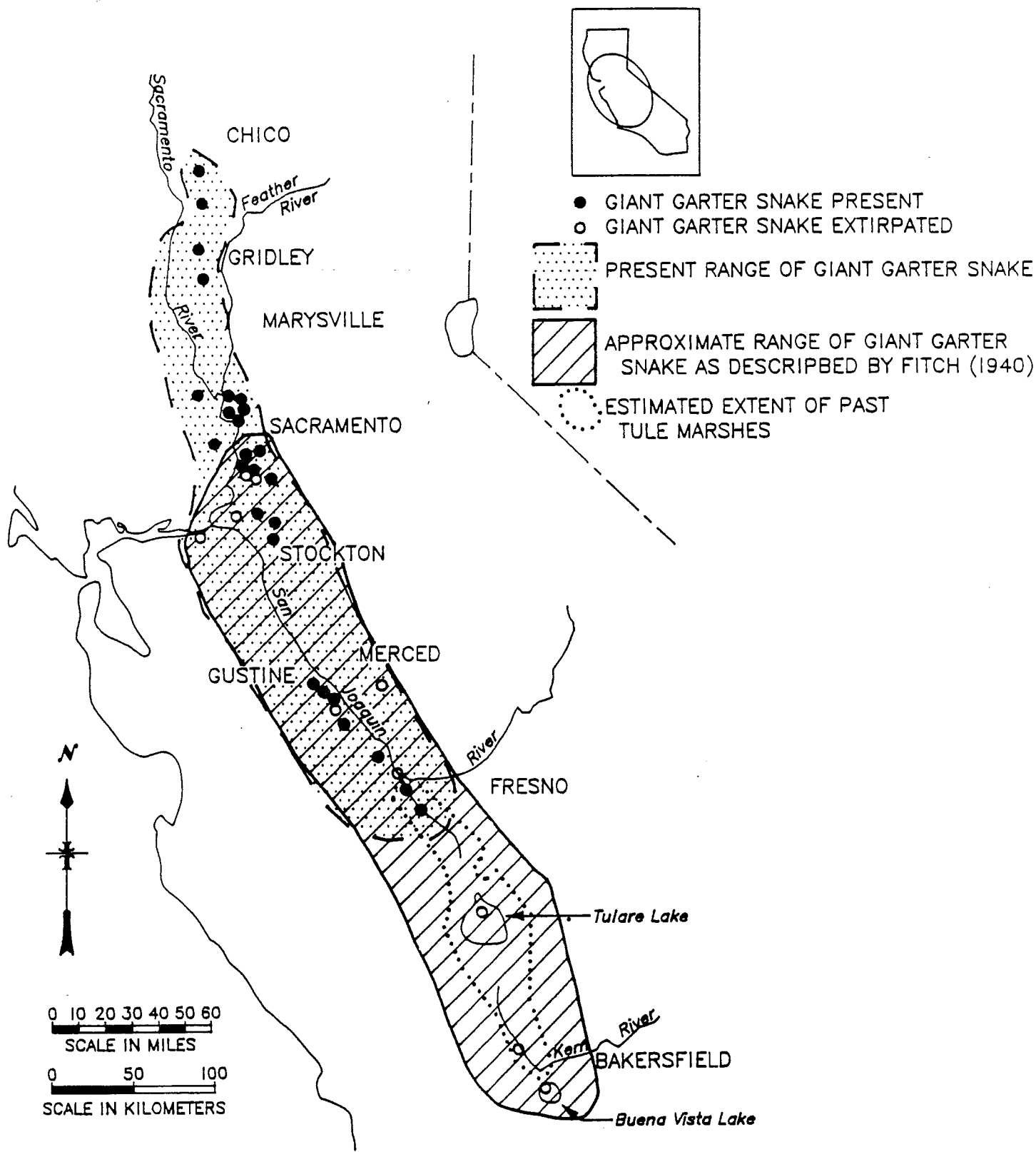


Figure: Historical and present distribution of the giant garter snake (*Thamnophis gigas*). Modified from Fitch (1940), Hansen and Brode (1980), and Rossman and Stewart (1987).

Minutes

of the

California-Nevada Chapter of the American Fisheries Society EXCOMM Meeting
Mulford Hall, Room 103, University of California, Berkeley
September 25, 1990

Call to Order: President Don Erman called the meeting to order at 1800 hrs.

Present: Don Erman, Mike Aceituno, Larry Week, Chuck Knutson, Larry Eng, Paul Kubicek, Dennis McEwan, Monty Knudsen (representing Conservation Committee)

Verification of Quorum: Yes

Recognition of Past President: Don Erman thanked Mike Aceituno for his service this past year as Chapter President and asked Mike to highlight issues of importance. Mike recommended that support of the Natural Resources Defense Council activities by the Western Division as well as the Cal-Neva Chapter should be encouraged. He also stressed the importance of Chapter budgeting \$900-\$1,100/person to send the President and President-elect to both the National and Western Division annual meetings.

Secretaries Report: Minutes of June 26, 1990 meeting approved with one correction in Conservation Committee report regarding a letter sent to U.S. Fish and Wildlife Service supporting a petition to list the giant garter snake.

Secretary reminded EXCOM members to read duty descriptions of each officer in the Chapter Bylaws and parent society's procedural manual before assuming duties. Secretary will order 12 copies of procedural manual from Paul Brouha. Bylaws committee chair will make sure each EXCOM member has a copy of the Bylaws.

Treasurer's Report: No report.

Committee Reports:

Membership: Eng reported that Cal-Neva has the most chapter members (387) paid through the Parent Society. He found that only 20 Chapter members are not Parent Society members. The breakdown of Chapter members by employment category is State government (100), Federal government (45), consultants (45), academia (41), student (32), retired (13), private utilities (9), local government (5), miscellaneous (3), no employment identified (94)

Erman noted that in a study of 12 professional biological societies, AFS is last in representation of women and minorities. Erman directed Eng to determine the Chapter breakdown by sex and ethnicity and publish his findings in Pisces.

Bylaws and Nominations: Kubicek recommended that Alan Baracco replace him as Committee Chair. Moved by Aceituno to nominate Baracco, seconded by

Knutson. Passed Unanimously.

Kubicek reported that we need candidates for President-Elect and Treasurer.

Finance: Kubicek reported for Lambert that Ginger Thomas of the Montana Chapter raised \$30,000 by sponsoring a riparian habitat symposium which was attended by 400 people. Cal-Neva should look into sponsoring symposia as fund-raisers.

Other fund-raising possibilities included calling for contributions at the annual meeting and in Pisces for certain causes such as the conservation education activities, expanding the raffle, continuing to hold successful annual meetings, and soliciting corporate donations. Erman directed the Treasurer to begin collecting donations at the annual meeting and through Pisces and to break down the bank account into three subaccounts - conservation, educational outreach, and general Chapter activities. Erman directed Lambert to draft a letter for soliciting corporate donations.

Aceituno mentioned that the Chapter has to be concerned about maintaining its nonprofit status. He also mentioned that Nick Villa feels that advertising in Pisces is a good way to generate funds.

Knudsen stated that the Sacramento County Library and probably other libraries have a section devoted to fundraising by nonprofit organizations. Lambert should look into this.

Knutson stated that the Continuing Education Committee account has an \$8,000 surplus. Erman directed Knutson to request the Treasurer to transfer this amount to the General Chapter Account and provide a Chapter budget for attachment to the minutes of this meeting.

Awards: No report. Because Dan Odenweller has served as Committee Chair for a long time, Erman asked Kubicek to have Baracco contact Odenweller for a replacement chair recommendation.

Newsletter: No report. Erman asked Knutson to inform Nick Villa of the new EXCOM members. Knutson reported that Villa is waiting for articles for next issue. Eng mentioned that Pisces should publicize that a free Chapter membership is available for new Parent Society members. Erman directed Knudsen, Eng, and Week to have articles to Villa by 10/1/90.

Policy and Resolutions: Committee Chair is vacant. Aceituno recommended Craig Denishof of Senator Barry Keene's office as new chair. Knutson will do reference check with Bill Loudermilk and others in CDFG and report back to Erman.

Conservation: Knudsen represented Carla Markman as Chair. Erman described the Chapter's role as co-facilitator with the University of California of a workshop to discuss the concept of threatened or endangered listing of a group of native anadromous salmonids, to be held on October 4, 1990. Carla Markman would attend as the Chapter representative and report back to the EXCOM with recommendations.

Knudsen reported that legal action against the Fish and Game Commission

might be in order, since they refused to list the delta smelt because they couldn't determine the cause of their decline. Carla Markman contacted the Sierra Legal Defense Fund and \$200 is needed from the Chapter to obtain minutes of a taped recoding of the Commission proceedings. Knudsen moved that the Chapter provide \$200 to obtain a copy of the FGC minutes of the Delta smelt hearing; seconded by Eng. Passed Unanimously.

Knudsen handed out a bill, S. 2772, which will establish a National Fishery Conservation System, which will transfer some anadromous fisheries functions from NMFS to USFWS. Chapter should study and comment. Eng and Erman recommended that we need to coordinate this with the Western Division. Aceituno mentioned that the Parent Society has already commented.

Knudsen provided copies of a letter from the Chapter petitioning the USFWS to list the Giant Garter Snake as an endangered species.

An AFS resolution on the biology and conservation of rare fish was briefly discussed.

Aceituno requested information regarding AFS comments on Klamath River rare and endangered species.

HB 4309 (Bosco), which proposes to designate a Smith River Wild River Recreation Area, was discussed. Erman directed the Conservation Committee to study this bill and make a recommendation.

Eng moved that a letter be prepared and signed by the Conservation Committee (Knudsen) to the Governor supporting pending legislation to generate revenue for CDFG. Seconded by Aceituno; passed unanimously.

Program: Week reported that the annual meeting will be held at the Radisson Inn, South San Francisco on Feb. 7-9, 1990. Singles or doubles will be \$62/night. He has asked Dan Odenweller to be program chair and is awaiting a decision. Week will take care of Local Arrangements. Steve Parmenter is in charge of Exhibits, but we need someone to take care of the Art display. Session topics were proposed and discussed.

Aceituno reported that Agency Directors' support for attendance at the annual meeting is important. Eng reported that he is working with Personnel Programs Branch to include it as training in CDFG's operations manual. Erman directed Knutson to draft a letter for Erman's signature to Agency Directors to encourage biologists attendance at the annual meeting.

Exhibits: No report. Erman directed Knutson to call Parmenter to get a report. Knutson will also call Ron Warner regarding the Arts Chair.

Sacramento Chapter: McEwan reported that their last meeting was held in March, 1990, with Earle Cummings speaking on DWR's Fishery Program. Next meeting will be in October at a pizza parlor.

Old Business:

Winter Run Chinook Coordinator: Knudsen is doing at this time. NMFS has

not held any recovery team meeting and not issued a biological opinion of the winter run population status. Still looking for Chapter coordinator. Eng mentioned Mary Coburn or Bill Berg. Erman asked Knudsen to call both of them and draft a letter, with a clear duty statement, to nominate Bill Berg as Coordinator. Dave Vogel was mentioned as a suitable alternate.

Chinook-Coho Workshop: Eng reported that the workshop held at Humboldt State University was attended by 300-400 people and went very well. Talks were informative with wide diversity.

Letter to Monty Knudsen: A letter thanking Monty for his service as Conservation Committee Chair was signed by Erman.

New Business:

Cal-Neva Hosting of Western Division Meeting: A long discussion occurred on whether the Chapter should host the Annual Western Division in 1992 or 1993 and whether it should be a joint meeting with the Western Association of Fish and Wildlife Agencies. Eng moved that the Chapter send a letter to the Western Division offering to host the 1992 annual meeting with WAFWA. Seconded by Knutson. Passed 5-3. Eng moved to amend the previous motion, so that the Chapter will host the meeting in 1993 instead of 1992. Seconded by Week; Passed 4-1. Eng then moved that the Chapter host the 1993 Western Division meeting to be held jointly with WAFWA. Passed 5-3. Erman will write the letter to the Western with a copy to Cay Goude. Aceituno then moved that the Chapter host the 1992 Western Division Meeting in California; seconded by Knudsen; defeated 5-2.

Future Chapter Annual Meeting Locations: Erman reported chapter survey results which showed that the Redding/RedBluff area ranked first. Wants to table this item and discuss at next EXCOM meeting.

Sibling Chapter: the North Pacific International Chapter has been designated as our sibling chapter. We are to inform them of our day-to-day activities and vice versa. Erman will provide Knutson with names and addresses of who we are to send information to.

Future EXCOM Meetings: Dates and Locations are as follows:

October 25, 1990	Region 2 Conference Room, Rancho Cordova
November 20, 1990	Radisson Inn, South San Francisco, may be overnight
January 8, 1991	Region 2 Conference Room, Rancho Cordova
February 6, 1991	Radisson Inn, South San Francisco

Knutson will contact Alan Baracco and direct him to reserve conference room for Rancho Cordova meetings.

Eng moved that the meeting be adjourned. Aceituno seconded. Passed Unanimously.

Meeting adjourned at 2055.

Ami File - Cal - Nevada Chapter



American Fisheries Society

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August 28, 1990

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AMERICAN FISHERIES SOCIETY

CALIFORNIA-NEVADA CHAPTER

9557 Dillard Road
Wilton, CA 95693

The Honorable Pete Wilson
United States Senator
Washington, D.C. 20510

Dear Senator Wilson:

The California-Nevada Chapter of the American Fisheries Society urges you to support the appropriation of Land and Water Conservation Funds for acquisition of private inholdings within Hope Valley (Toiyabe National Forest), Grouse Lakes, (Tahoe National Forest), and Castle Peak adjacent to the Pacific Crest Trail (Tahoe National Forest).

These lands contain important cold water fisheries resources. The Castle Peak and Grouse Lakes properties include frontage on ten highly popular trout fishing lakes and the Hope Valley property includes frontage on ten miles of the West Fork Carson River and its largest tributary, Red Lake Creek. Many of these properties are threatened with incompatible development and may not be available again if not purchased this year.

We were pleased that the House of Representatives voted to appropriate \$3.5, \$2.0, and \$4.1 million dollars, respectively, for acquisition of these properties and hope that the Senate will do the same.

Thank you in advance for your assistance in this effort.

Sincerely,

for Michael Aceituno
President

cc: Paul Brouha, AFS
Washington, D.C.



American Fisheries Society

ORGANIZED 1870 | INCORPORATED 1910

August 28, 1990

CALIFORNIA-NEVADA CHAPTER

9557 Dillard Road
Wilton, CA 95693

The Honorable Alan Cranston
United States Senator
Washington, D.C. 20510

Dear Senator Cranston:

The California-Nevada Chapter of the American Fisheries Society urges you to support the appropriation of Land and Water Conservation Funds for acquisition of private inholdings within Hope Valley (Toiyabe National Forest), Grouse Lakes, (Tahoe National Forest), and Castle Peak adjacent to the Pacific Crest Trail (Tahoe National Forest).


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We were pleased that the House of Representatives voted to appropriate \$3.5, \$2.0, and \$4.1 million dollars, respectively, for acquisition of these properties and hope that the Senate will do the same.

Thank you in advance for your assistance in this effort.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Monty Aceituno'.

 Michael Aceituno
President

cc: Paul Brouha, AFS
Washington, D.C.

Minutes

of the

California-Neveda Chapter of the American Fisheries Society EXCOMM Meeting
CDFG Regin 2 Conference Room, 1701 Nimbus Road, Rancho Cordova
October 25, 1990

Call to Order: President Don Erman called the meeting to order at 1815 hrs.

Present: Don Erman, Mike Aceituno, Larry Week, Chuck Knutson, Larry Eng, Nick Villa, Craig Denisoff, Dan Odenweller, Tom Lambert, Carla Markmann, Kevan Urquhart, Susan Ellis

Verification of Quorum: Yes

Secretaries Report: Minutes of September 25, 1990 meeting were approved. Copies of the AFS Procedural Manual were provided to EXCOMM members.

Presentation by Cay Goude, Western Division Past President: Cay expressed a need for Chapter representatives to attend Western Division and National meetings so that our concerns are presented. She has been performing that function recently as Division President, but will not be doing so in the future. Our Chapter is perceived to be wealthy, but we are not contributing dollars to the Parent Society cause and should do so. Copies of significant Chapter correspondence should go to the President of the Western Division, AFS and the President and Executive Secretary of the Parent Society. The Parent Society is in dire financial condition, losing money in certain publications. This has resulted in dues increase, which was recommended by Cay. Paul Brouha is the new Executive Secretary of the Parent Society, replacing Carl Sullivan. Cay plans to start an Equal Opportunity Section for the Parent Society and distributed a petition supporting its formation along with an invitation to join the Section.

Aceituno stated that the Chapter has committed funds to send both the President and President-Elect to both the Western and National meetings.

Treasurer's Report: Urquhart provided copies of checkbook expenditures from March through October, 1990. The Chapter general account has a balance of \$17,000 and the continuing education account has \$23,000. If nonprofit status goes through, our postage expenses will be cut by 1/3 to 1/2. We need more than 120 at annual meeting to come out ahead. The Chapter will make about \$400 from Chinook-Coho Workshop after expenses. A 90-91 budget was provided. Erman directed Aceituno and Lambert to review budgets in relation to Chapter goals and come back with recommendations. They are to review Bill Loudermilk's past proposal on Chapter goals. An audit of the Chapter's account is recommended for January, 1991. Lambert mentioned that documents showing tax-exempt status for the Chapter are necessary for soliciting corporate donations.

Committee Reports:

Conservation Committee: Markmann gave a report on the workshop with various interest groups to consider listing of native anadromous fish. The group felt that petitioning to list groups of anadromous fish at this time would not be advisable because of potential negative impacts on sport and commercial fisheries. Dr. Peter Moyle felt that listing one species at a time is not the best way to go. Group felt that listing of Delta smelt and southern steelhead should be pursued at this time. Two subcommittees were formed - one to write a white paper on the issue of listing anadromous fish; the other to address listing of the Delta smelt. Sierra Legal Defense Fund people feel that there is grounds to list the Delta smelt and needs \$3,000 to pursue it. Sacramento River Preservation Trust is identifying the money. Chapter has \$200 in budget to donate and will do so. The Federal Government has not responded to petition to list the Delta smelt. Markmann will prepare and send a letter asking why they haven't responded. Markmann also moved that the EXCOMM approve sending a letter authorizing the Sierra Legal Defense Fund to represent the Chapter in litigation regarding Delta smelt listing within the limitations of the current Conservation Committee budget. Passed Unanimously. Erman directed Markman to prepare the letter for his signature.

Continuing Education: Ellis informed us that the 1990-91 training catalogues are out, and Villa has additional copies. Two corrections to make - Riparian Livestock Interaction Workshop fee is \$225 and Wetlands Delineation Workshop fee is \$475 for government and non-government people.

Membership: Eng reported that 3-4 new members were recruited from the Education catalogue. Need to expand form to include Parent Society application. Article will be sent to Pisces on membership. Natural Resources Biologists Association has ceased to exist and gave \$300 to Chapter.

Bylaws and Nominations: Erman reported for Baracco that copies of the bylaws were mailed to all EXCOMM members. Baracco is soliciting nominations for President-elect and Treasurer. Contact Alan by October 31, 1990 at (916) 355-7098.

Finance: Lambert reported that Ginger Thomas of the Montana Chapter had raised \$30,000 on the Riparian Symposium by promoting it for two years. He recommended that Pisces have a checkoff box for donations to the Chapter. He did a U.C. library search on fundraising and found 400 publications on this topic. He is looking at 13 possibilities for the Chapter. He gave a brief description of PG & E's criteria for nonprofit organizations seeking contributions. He recommended the Chapter offering corporate memberships. Urquhart recommended that Chapter members send spending proposals to the Secretary to add to agenda before each EXCOMM meeting.

Awards: Odenweller announced that he will put an announcement soliciting award nominations in the next Pisces issue. He will need nominations by December 15. He has one nomination for Chapter Member Award already. Has completed Past President plaque for Aceituno.

Pisces: Villa needs articles in writing for next issue. This is the 20th birthday of Pisces and we should have some special items, such as reprinting parts of old issues. Needs program outline from Week and annual meeting registration forms for next issue. Deadline is November 2. Next issue will come out on November 9. Chapter logo submittal deadline is December 15. Next issue will also have a biographical sketch of Denisoff. Villa seeking contributions from advertisers for Pisces.

Policy and Resolutions: Denisoff handed out a draft proposal containing a statement and areas of emphasis for this committee. This proposal was initially very well received and EXCOMM members are requested to provide feedback. Erman directed Denisoff to provide concrete ideas on how to achieve goals to improve ethnic representation in the fisheries profession. He also directed Denisoff to develop a resolution against a proposal to provide FERC more regulatory powers with less input from others. The National Hydropower Association believes that current hydro regulations are too cumbersome.

The subject of Chapter stationery came up at this time and Urquhart will order and distribute to EXCOMM members ASAP.

Program: Week updated us on annual meeting program developments. Odenweller has volunteered to set up the general sessions and Week will do technical sessions. Session outline will be in next Pisces. Still working on banquet speaker. Erman directed Villa to include pre-registrations in next issue with room reservations by 1/4/91. Eng provided a copy of a new CDFG operations manual section regarding policy on attendance at conferences.

Exhibits: Erman reported that Parmenter will be doing commercial exhibits and Chris DeWees will do Art Exhibits. Week reported that there is adequate space for exhibits at the Radisson Inn.

Sacramento Subunit: No report.

Old Business:

1993 Western Division Annual Meeting in California: Erman reported that Dave Burns of the Western sent a letter to Sandra Wolfe of CDFG stating that we should begin planning for the meeting and that this issue will be taken up at the July meeting in Bozeman, Montana.

Winter-run Coordinator: Aceituno reported that Dave Vogel could not serve as Chapter coordinator. Erman directed Aceituno to check with Monty Knudsen regarding Bill Berg serving as coordinator. He should also check with Felix Smith.

1990-91 Budget: Eng moved, Aceituno seconded, that the Chapter accept the 90-91 budget as proposed by Urquhart. Passed Unanimously. Odenweller recommended that we budget set aside dollars for raffles sponsored by the Western Division and the Parent Society.

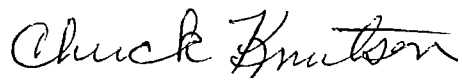
Fee for Annual Meeting: Erman recommended to the EXCOMM that the Pre-registration fee for the 1991 Chapter Annual Meeting be \$40, no Pre-registration fee be \$55, and student fee be \$15. Passed unanimously.

New Business:

Sacramento Tourist Bureau: Aceituno reported that the Sacramento Tourist Bureau will develop packaging for an AFS National Meeting in Sacramento if we ask them to do so. We should think about sponsoring the National in 1997 and find out more about how the Bureau can help us.

Meeting was adjourned at 2055. Next EXCOMM meeting will be held at U C Berkeley on November 20, 1990, not at the Radisson Inn.

Respectfully Submitted,



Chuck Knutson, Secretary
(916) 445-6294 (work)
(916) 441-4144 (home)



American Fisheries Society

ORGANIZED 1870 | INCORPORATED 1910

November 7, 1990

CALIFORNIA-NEVADA CHAPTER
9557 Dillard Road
Wilton, CA 95693

Mr. Pete Bontadelli, Director
California Department of Fish and Game
1416 Ninth Street
Sacramento, CA 95814

Dear Mr. Bontadelli:

The American Fisheries Society (AFS) is an international organization of professionals dedicated to the conservation, development and wise management of North America's fishery resources. The California-Nevada Chapter has over 400 active members residing in California and Nevada.

As you are aware, the Department of Water Resources (DWR) is pressing forward with plans for several new State Water Project (SWP) features which would result in substantial additional water being exported from the Sacramento-San Joaquin Delta. Central to this effort is DWR's contention that existing and new direct impacts of the Project to fisheries will be offset through provisions of the Two-Agency Agreement for the Banks Pumping Plant, executed between your agencies on December 30, 1986.

The American Fisheries Society desires detailed information about the mitigation program implemented under the Two-Agency Agreement, particularly the relative success the program has had to date. This information will be used to help the Society develop an official position relative to each of the proposed Project additions. Our specific questions are:

1. Under Article VI of the Two-Agency Agreement, DWR and the Department of Fish and Game (DFG) agreed to provide, by December 31, 1989, and by each December 31st thereafter, an assessment of the success of the agreement in meeting established objectives. Has the initial review been completed and a report prepared? If so, please provide the Society with a copy of the report.
2. To date, how much of the \$15,000,000 mitigation "start-up" funding (Article IB) has been spent on actions which have been fully implemented? Please identify these completed actions.

3. For each year, 1986 through 1989, what were the estimated numbers of yearling equivalent striped bass, steelhead, and chinook salmon lost?
4. What were the monetary payments corresponding to the estimated yearling equivalent losses for 1986-1989?
5. To date, how much of the 1986-1989 total yearling equivalent loss payments have been spent on actions which have been fully implemented? Please identify these completed actions.
6. What specific mitigation projects and funding amounts, using either the start-up or annual funds, are pending and likely to be implemented within the foreseeable future (one to five years)? Please identify the projected time frames.
7. Of the total numbers of yearling equivalent losses of the three focal species from 1986-1989, how many does Fish and Game estimate have been replaced to date?
8. Does Fish and Game anticipate that by the end of 1991, any new procedures will be available for calculating direct losses to any fish species other than the three original focal species?
9. What progress has been made towards development of a mutually acceptable plan to reduce fish losses resulting from predation within Clifton Court Forebay?
10. Under Article V.A., a report was to be completed by March 1987 identifying and describing potential measures to reduce or eliminate impacts to fish other than the three original focal species. Was the report completed? If so, please provide the Society with a copy.
11. What progress has Fish and Game made in developing a direct-loss replacement agreement with the U.S Bureau of Reclamation for the operation of the Tracy Pumping Plant?

Your assistance in answering these questions is greatly appreciated. In light of the rapid time schedule the Department of Water Resources intends to keep on these projects, we respectfully request an expedited response.

Sincerely,



Don C. Erman, President
California-Nevada Chapter
American Fisheries Society

cc: Interested Parties

California - Nevada
Chapter



American Fisheries Society

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AMERICAN FISHERIES SOCIETY

December 10, 1990

CALIFORNIA-NEVADA CHAPTER

Peter A. Bisson, President
North-Pacific ~~International~~ Chapter, AFS
Weyhaeuser Company
Technology Center WTC-2H4
Tacoma, WA 98477

Dear Peter:

As Secretary of the California-Nevada Chapter, AFS, I have been given the assignment by Dr. Don Erman, our Chapter president, to forward copies of significant information to our sibling Chapter (NPIC-AFS), the Western Division, and the Parent Society. In addition to what Don has already sent you, I have enclosed the following:

1. A list of current Cal-Neva Chapter EXCOMM members.
2. Minutes of our most recent EXCOMM meetings (9/25/90 and 10/25/90).
3. A letter to U.S. Fish and Wildlife Service regarding a petition to list the giant garter snake as an endangered species.
4. A letter to the California Department of Fish and Game regarding fisheries mitigation for proposed increased water diversions in the Sacramento-San Joaquin estuary.

I apologize for being a little slow in getting this information to you, but now that I have a few months of experience as Secretary under my belt, things should only get better. By the way our next EXCOMM meeting will be held on January 8, 1991, in Rancho Cordova, California.

If you need any more information, please don't hesitate to write or give me a call.

Sincerely,

Chuck Knutson

Chuck Knutson, Secretary
3400 College Avenue
Sacramento, CA 95818
(916) 445-6294 (W)

cc: David Burns, President, Western Division, AFS
Carl Sullivan, Executive Secretary, AFS

CALIFORNIA-NEVADA CHAPTER, AFS, EXECUTIVE COMMITTEE LIST

<u>Name</u>	<u>Title</u>	<u>Address</u>
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Larry Week	President-Elect Program	California Dept. of Fish and Game P.O. Box 47 Yountville, CA 94599 (707)944-5526 (W) (707)252-6452 (H)
Mike Aceituno	Past President	9042 Headwind Ct. Fair Oaks, CA 95628-8115 (916)978-4613 (W) (916)863-6146 (H)
Chuck Knutson	Secretary	3400 College Avenue Sacramento, CA 95818 (916)445-6294 (W) (916)441-4144 (H)
Kevan Urquhart	Treasurer	California Dept. of Fish and Game 4001 N. Wilson Way Stockton, CA 95205 (209)948-7659 (W) (209)952-5525 (H)
Nick Villa	Newsletter Ed.	California Dept. of Fish and Game 1701 Nimbus Road, Suite B Rancho Cordova, CA 95670 (916)355-7096 (W) (916)392-8579 (H)
Craig Denisoff	Policy & Resol.	1414 K Street, Suite 475 Sacramento, CA 95814 (916)322-0325 (W) (916)921-0750 (H)
Dan Odenweller	Awards	California Dept. of Fish and Game 4001 N. Wilson Way Stockton, CA 95205 (209)466-4421 (W) (209)951-2471 (H)
Alan Baracco	Bylaws & Nom.	California Dept. of Fish and Game 1701 Nimbus Road, Suite B Rancho Cordova, CA 95670 (916)355-7098 (W) (916)677-3347
Larry Eng	Membership	2896 Candido Drive Sacramento, CA 95833 (916)322-5574 (W) (916)922-2744 (H)
Carla Markmann	Conservation	6290 Longridge Way Sacramento, CA 95831 (916)424-0236 (H)

Susan Ellis Continuing Ed. 2139 Rachel Way
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(415)866-5844 (W) (415)939-2292 (H)

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407 West Line Street
Bishop, CA 93514
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