



Fish Health Section Newsletter

AFS

Volume 8

April - June 1980

Number 2

FHS ELECTIONS FOR 1981 OFFICERS

The following candidates are presented by the Nominating Committee, chaired by Dr. Trevor Evelyn, for 1981 offices in the Fish Health Section. Officers shall be elected by simple majority with at least one-third of the active membership of the Section participating. Please find the ballot on the last page, vote, and return your ballot today. Votes received after September 21, 1980, will not be counted.

Nominees, followed by brief resumes, are:

President Elect:

Dr. Bill Klontz
Dr. Richard Heckmann

Secretary-Treasurer:

Dr. Howard Jackson
Dr. Ken Johnson

Nominating Committee Chairman:

Dr. Fred Meyer
Dr. Tom Wellborn, Jr.

Members - Professional Board
of Certification:

Dr. Trevor Evelyn
Dr. Glenn Hoffman
Dr. John Schachte
Dr. Guy Tebbit
Dr. William Yasutake

Bill Klontz

Dr. Klontz is Professor and Department Head, Fisheries Resources, College of Forestry, Wildlife and Range Sciences, University of Idaho, Moscow, Idaho. He maintains membership in the AFS/FHS/FCS, American Institute of Fishery Research Biologists, and Pacific Fishery Biologists and has served on several committees in the FHS. Bill teaches fish culture, fish diseases and fish physiology and conducts research on aquaculture methodology and infectious and noninfectious diseases of freshwater and marine fish.

1980
FHS/AFS 8(2)
Terms begin Sept (concurrent with AFS meet.)
Nominees
1. Hoffman 67 reprinted p. 4
2. N. Smith & Hughes 1980 rev. by KH p. 5
3. Formalin progress p. 4 - Van Meter

Richard Heckmann

Dr. Heckmann is Professor of parasitology at Brigham Young University in Provo, Utah. He currently serves as Chairman of the Professional Standards Committee/FHS and has been instrumental in developing standards for certification of Fish Health Inspectors and Fish Pathologists. Richard has authored numerous publications, actively participates in several professional societies, and is well known for his research on parasitic infestations of fish.

Howard Jackson

Dr. Jackson is employed by the U.S. Fish and Wildlife Service since 1958, assigned to federal warmwater fish hatcheries in Ohio and Wisconsin from 1958 to 1969. For the past eleven years he has worked at the Fish Disease Control Center, Genoa, Wisconsin.

Ken Johnson

Dr. Johnson is Extension Fish Disease Specialist for Texas A&M University. He is a member of AFS/FHS, Fish Farmers of Texas and the World Mariculture Society. Ken has conducted indepth training programs in fish and crustacean disease management for state, national and international audiences of experienced aquaculturists. His research has involved fish and crustacean diseases but work emphasis has been on Extension education and directing a diagnostic laboratory for Texas. Ken has been editor of the Newsletter/FHS since the winter of 1979.

Fred Meyer

Dr. Meyer received his B.A. from the University of Northern Iowa, M.S. and Ph.D. 1960, Iowa State University in parasitology and fishery biology. Employment: Director, National Fishery Research Laboratory, La Crosse, Wisconsin 1973 to present; Senior researcher in fish health and head of diagnostic laboratory-Fish Farming Experimental Station, Stuttgart, Arkansas 1960-1973; plus research projects in Alaska and teaching at collegiate and high school levels. Active member in AFS since 1957; AFS Editor-1980 FHS Proceedings, FHS Board of Professional Standards (1 term). Co-author of two books on fish health, chapters contributor in two books, and author of 95 scientific and popular papers.

Thomas Wellborn, Jr.

Dr. Wellborn is Leader, Extension Wildlife and Fisheries Department, Mississippi State University. He received his B.S., Biology, 1954, Millsaps College; M.S. and Ph.D., Fisheries Management, 1966 and 1970, Auburn University. Served in the U.S. Army, 1950-1953. Employed by the Fish and Wildlife Service, 1958-1969; Associate Professor, Department of Wildlife and Fisheries, Mississippi State University, 1969-1971; Leader, Extension Wildlife and Fisheries Department, Mississippi State University, 1971-present.

Trevor Evelyn

Dr. Evelyn is a research scientist in fish health at the Fisheries and Oceans Canada, Resource Services Branch, Pacific Biological Station in Nanaimo, B.C. He is currently engaged in developing fish vaccines, has published on various fish diseases, and was actively involved in producing Canada's new Fish Health Protection Regulations and Manual of disease detection of procedures associated with the Regulations. He has served on such AFS/FHS Committees as the Technical Procedures, Professional Standards, Newsletter, and Nominations Committees, and has participated in such AFS/FSH special projects as the "Blue Book" and "Glossary" by contributing sections to them.

Glenn Hoffman

Dr. Hoffman is research fish parasitologist for the USFWS, Stuttgart, Arkansas. His memberships include FHS/AFS, American Society of Parasitologists, Helminthological Society of Washington, Wildlife Disease Association, American Microscopical Association, and Sigma Xi. Glenn is on the editorial board of Journal of Fish Diseases, Journal of Fish Biology, Journal of Protozoology and is on the Newsletter Committee of FHS/AFS. He was a protege of Dr. S. F. Snieszko and helped train the cadre of fish pathologists who have built this society. International interests have led to collaboration with researchers in Poland, Czechoslovakia, Italy, India and USSR.

John Schachte, Jr.

Dr. Schachte is Associate Pathologist for the New York Department of Environmental Conservation. John is a member of AFS, FSH, New York Chapter/AFS, and the Wildlife Disease Association. He has served on the Technical Procedures Committee/FHS and as program co-chairman for the FHS/Midwest Fish Disease Workshop joint meeting in 1978. He is New York's representative on the Fish Disease Control Committee of the Great Lakes Fishery Commission.

Guy Tebbit

Dr. Tebbit is Vice President and Laboratory Director of Wildlife Vaccines, Inc., Denver, Colorado. His responsibilities include research, development, licensing, production and quality control of biologics for fish as well as administration of the feed technical and public diagnostic services of the company. Guy did his Ph.D. thesis on salmonid fish viruses in Oregon and was involved in several viral, bacterial and serological surveys of Pacific salmon. He has been active in AFS/FHS serving on the newsletter committee and chairing the Technical Procedures Committee as well as serving as Program co-chairman of the 1978 meeting. Guy also served on the viral diseases panel in 1974 in preparation of the "Blue Book."

William Yasutake

Dr. Yasutake is a research histologist with the National Fisheries Research Center (formerly the Western Fish Disease Laboratory), Seattle, Washington. He is currently engaged in various aspects of histopathogenesis research of fish health and has numerous publications on the subject. He is a member of

the AFS/FHS; American Institute of Fishery Research Scientists; International Academy of Fishery Scientists; Sigma Xi; New York Academy of Science and AAAS. He has served on various AFS/FHS committees including Non-Infectious Diseases Committee; Awards Committee; Arrangements Committee, and has contributed to the FHS "Glossary of Fish Health Terms."

POSITION AVAILABLE IN FISH DISEASE AND PATHOLOGY

One full-time position is available as a clinician on the laboratory staff of the research division of Rangen, Inc. The position involves routine clinical diagnostic procedures for infectious diseases of fishes, procedures for disease certification, and the opportunity to undertake directed research problems in applied areas of interest. For further details contact Rangen Research, Route 1, Box 264, Hagerman, Idaho 83332. Phone: 208-837-6192.

MEETING

1980 Wildlife Disease Association Conference, Louisiana State University, Baton Rouge, Louisiana, August 19-22, 1980. A series of symposiums will be included: (1) Fish and Wildlife Disease Training in the U.S.; (2) Aquaculture: Problems and Prospects; (3) Game and Raptorial Birds: The Impact of Disease on Population Dynamics. For more information contact: Division of Continuing Education, Short Courses and Conferences, 177 Pleasant Hall, LSU, Baton Rouge, LA 70803.

MEMBERS: THIS IS YOUR NEWSLETTER. PLEASE, SEND US YOUR NEWS ITEMS!

FORMALIN

Two separate data packets were submitted to the Food and Drug Administration in February to satisfy the final registration requirements on formalin for fishery use as a parasiticide and fungicide. This action culminates 9 months of negotiation and effort for providing supplemental "labeling," supporting data for the intended uses, and reference data to alleviate that agency's environmental assessment concerns. Approval by FDA is pending review of the material at hand. Source: Bob Stevens. Items taken from Quarterly Highlights of FWS Registration Activities Involving Fishery Use Chemicals and Drugs. (Jan.-March 1980). Harry Van Meter.

HOFFMAN'S 1967 BOOK REPRINTED

Parasites of North American Freshwater Fishes by G. L. Hoffman has been reprinted the 4th time according to University of California Press, Berkeley, California 94720, and London. The 486 pp. book is \$22.00 Hoffman hopes to revise this book before the next printing.

BOOK REVIEW

G. A. Neish and G. C. Hughes, 1980, Fungal Diseases of Fishes, Book 6 of Diseases of Fishes, ed. by S. F. Snieszko and H. R. Axelrod. T. F. H. Publishing Co., Box 427, Neptune, N. J. 07753, 159 -p. \$12.95.

This well illustrated book discusses the morphology, taxonomy, biology, pathology and control of the various groups of fish fungi -- Oomycetes (Saprolegnia, etc.). Branchiomyces, Ichthyophonus, Fungi Imperfecti (Exophiala, etc.), Ascomycetes (yeasts), and Dermocystidium. The latter is acknowledged as probably a protozoan.

The coverage of the literature is excellent except that they missed my first published paper -- 1948, Isolation of Saprolegnia and Achlya with penicillin - streptomycin (a first) and attempts to infect fish, Prog. Cult. 11(3): 171-174!

There are two weak spots: (1) There is no guide to steer the newcomer to the kind of fungus found, and there ought to be more information concerning how to prepare material for study. (2) Control of fungi is difficult but much more detail on what has been done would be more helpful to the fish culturists. For example, in the Ichthyophonus section, the reader is advised to use proper hygiene measures; it would be more helpful to advise them to clean the spore-bearing muck out of the pond as often as possible and to disinfect the pond after cleaning.

The 25 pages of references appears to be rather complete -- I did find seven references in my file that were omitted, most notable being those of the Leningradian Florinskaya (1968, 1969) and the review by Hatai and Egusa (1976).

The importance of mycology in fish disease work has been highly under-rated in the past. This well written book, the first on general fish mycology, will be very helpful to fish disease workers world-wide. I hope it will stimulate some research in better diagnostic and control methods for fish fungi. Submitted by: G. L. Hoffman, Stuttgart, Arkansas.

FHS OFFICIAL MAIL BALLOT

Mail your completed ballot to:

Paul W. Janeke, Chairman
Membership and Balloting Committee
P.O. Box 917
Fort Morgan, CO 80701

President-Elect (vote for one)

☐ Dr. Bill Klontz
☒ Dr. Richard Heckmann

Nominating Committee (vote for one)

☒ Dr. Fred Meyer
☐ Dr. Tom Wellborn, Jr.

Secretary-Treasurer (vote for one)

☒ Dr. Howard Jackson
☐ Dr. Ken Johnson

Board of Certification (vote for two)

☒ Dr. Trevor Evelyn
☐ Dr. Glenn Hoffman
☐ Dr. John Schachte
☐ Dr. Guy Tebbit
☒ Dr. William Yasutake

-----DETACH AND MAIL TODAY-----

-----DON'T FORGET-----

-----DO IT TODAY-----

AFS SECTION MEMBERSHIP

AFS Section membership now stands as follows: Fish Culture - 1, 090; Water Quality - 611; Fish Health - 411; Fisheries Educators - 233; Fisheries Administrators - 165; Marine Fisheries - 31; Early Life Histroy - 27. The last two are just newly organized and were not listed on the dues bills. Both are expected to grow rapidly in coming months. Total AFS membership stood at 7,365 on April 30. This does not include 1,253 members who have not paid 1980 dues.

Glenn L. Hoffman
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