

**Organization of Inland
Biological Field Stations**

**Newsletter
No. 15
July 1972**

ORGANIZATION OF INLAND BIOLOGICAL FIELD STATIONS

Newsletter No. 15 - July 1, 1972

O.I.B.F.S. FUTURE MEETINGS

A.I.B.S. Annual Meetings are scheduled for:

University of Massachusetts, Amherst, June 17-22, 1973
University of Arizona or Arizona State University probable
dates June 16-22, 1974
Oregon State University, Corvallis, under discussion.

A.A.A.S.

Washington, D.C., December 26-31, 1972
Mexico City, Mexico June 17-22, 1973

Note that the AIBS and AAAS meetings of 1973 are at the same dates. Probably not many of our members will be able to make the Mexico City Meetings. A.I.B.S. needs some indications from societies as to their meeting plans. The early summer meeting dates are probably better than the fall dates for many people.

Questionnaire to members

I prefer meeting dates in _____ early summer _____ late summer

The O.I.B.F.S. in 1973 should meet at: _____ Amherst (with the O.I.B.S.)

_____ Mexico City _____ other(specify) _____

Send to: Robert Dalglish
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NEWS FROM THE STATIONS

F. T. Stone Laboratory, Ohio State University. Put in Bay, Ohio.
L.S. Putnam.

Two new courses are radioactive techniques and physical limnology. Plans are in the hopper for a new research lab. Funding is not bad this year but may get a little rougher next year. With regard to grants, there are 4 continuations, and one good new one on bird parasite relations. The Intercollege Research Committee on Great Lakes Studies met here in October, 1971. Ohio State University has set up a Center for Lake Erie Area Research (CLEAR) which is administered through the College of Biological Sciences but will encompass any research group in the university or other state school. The object of the Center is to focus attention and research on Lake Erie. The Center will be coordinated with Stone Lab and we think it will be a means of making some real progress. Dr. Charles E. Herdendorf is the Director of the Center. I hope every member will consider carefully how to make our organization helpful. Suggestions are certainly welcome.

University of Michigan Biology Station, Douglas Lake, Michigan.
David M. Gates.

New professors for 1972 are Dr. Daniel B. Botkin, School of Forestry, Yale University to teach plant ecology course; Dr. John E. Gannon, just completed Ph.D. at University of Wisconsin-Milwaukee to teach limnology course; Dr. John Cairns, Jr. returning after a year to teach protozoan communities. Funding is good, except for no NSF money for grants-in-aid to students. Research activities are much increased. There is 1 new cabin for summer use, 1 new cabin for winter use, renovation of dining hall, fully automated digital weather station, and a computer terminal installed with direct hook up to Ann Arbor. All grant requests were accepted by NSF and others including Forest Service. This summer visitors to the station will include Dr. Otto Solbrig, Grey Herbaria, Harvard University; Dr. Bernard Patten, Zoology, University of Georgia; Dr. Kenneth Knorr, School of Forestry, Duke University; Dr. Frank B. Salisbury, Department of Plant Science, Utah State University; Dr. Reid Bryson, Environmental Sciences, University of Wisconsin; Dr. Henry A. Regier, Zoology, University of Toronto; Dr. William E. Southern, Biology, Northern Illinois University; Dr. Peter H. Raven, Director, Missouri Botanical Garden, Dr. Daniel H. Janzen, Biology, University of Chicago. Meetings at the Station included: Mycological Society of America (3-7 day meeting, August, 1971) and Michigan Botanical Club (3-4 day meeting, May 1972).

Universidad de Sonora University of Arizona Puerto Penasco Marine Station. J. R. Hendrickson. Resident biologist Brusca (invertebrate taxonomy) completed contract (handbook on intertidal inverts. of Gulf of California, in press) and replaced by resident biologist James N. Norris (algologist), Joel Hedgpeth giving summer course in marine ecology, Donald Thompson giving summer in marine ichthyology. Funding is bad. A new wet lab has piped, filtered 72 F sea water. U. of Sonora on point of formally accepted gift of 47 foot steel vessel for the joint program. A grant (NSF) was rejected (Coherent area studies of diversity, productivity and stability of marine communities in the northern Gulf of California), a grant (NSF) is pending (Minor support for marine vessel staffing as extension of program services), a grant (NASA) was accepted (Remote sensing studies of oceanography in the northern Gulf of California - ERTS - A satellite); about 6 other minor grants to

non-public sources - 3 rejected, 2 accepted, 1 pending. About 1000 visitors, with no time to go through list for interesting names. A new brochure is now available, updating description of program and facilities. Sky-rocketing demand from outside groups has necessitated some turn-down; late cancellation problems causing non-use during prime periods has caused new rule: Your reservation is made firm when your money is received (\$3/person/night, dorm-lat. combo.), and no refunds! The only remaining intertidal convenient to the station which is not showing clear signs of over-use is the total preserve for about $\frac{1}{2}$ mile directly in front of the station.

Southwestern Research Station, Portal, Arizona. Vincent D. Roth. Field Ecology in the Southwest is a joint course offering of USC and SWRS. We operate on fees and are supported by AMNH. Use of facilities by naturalists or their organizations is helping defray expenses during off seasons. Week-end classes are also encouraged. These groups come from all parts of the country and include Crowder Nature Tours, Audubon Societies, Madison High School (Wis.) and classes from New Mexico and Arizona colleges.

Eagle Lake Station, Chico State College, Chico, California. Robert Ediger. Courses of interest include: Problems in Biology (Staff), Masters Study (Staff), Special Problem (Staff), Field Studies in Geology (Dr. J. W. Guyton), Field Ecology (Dr. D. G. Alexander), and Field Botany (Dr. R. Ediger). Funding is below normal. The inside of the laboratory was finished. Grants NSF summer Institute (Rejected), NSF EANN proposed. Visitors include Dr. T. M. Barkley (Kansas State University) and Mr. Marius Rogg Singh (Valsen, Netherlands). An Environmental Conference was held.

Macci Field Biology Teaching and Research Center, Maryville College, Maryville, Tenn. A Randolph Shields. Courses include: Geology (Prof. Herman Sain, Wright State (Ohio University)); Plant Taxonomy (Flowering Plants (Dr. James N. Skeen, University of Georgia)); Forest Ecology (Dr. Skeen); Limnology (Dr. Shield). How do you keep consortium members excited and cooperative from year to year?

University of Wisconsin-Milwaukee Field Station, Saukville, Wis. Millicent Ficken. About 30 research projects are currently underway. A new building is being constructed for storage and a workshop, also a new home for the resident manager. Funding is normal. A NSF Undergraduate Research Participation grant has funded 6 students for field zoology (ecology, behavior, physiology) projects.

Highland Biological Station, Hindland, N.C. Thelma Howell. Dr. Richard C. ~~Brace~~ of Western Carolina University will succeed Dr. Howell on June 1, Dr. Howell continuing in an advisory capacity. Funding is about the same as last year. A proposal will go to NSF before June 1 for operational support of the Station. June 26-30 1972 a conference on "Biology of the Plethodontid Salamanders". About 20 participants are expected. Participants are defraying their own expenses.

Alice L. Kibbe Life Science Station, Western Illinois University, Macoupin, Illinois. John E. Warnock courses offered this summer include: Bryology, Phycology, Ornithology, Animal Ecology, Plant Taxonomy, Mammalogy and Special Topics (Paleontology). Funding is about the same as last year - if we are lucky. Needless to say, money is very short at the University. There are no new facilities

but a request was submitted for several new buildings. Several land acquisition proposals are in the mill to private organizations and public agencies, but these have been no final acceptances or rejections. However, it appears that two proposals have a good chance of acceptance.

Bear Lake Station, Utah State University, Logan, Utah. William Helm. A staff addition is Dr. Derry Koob, a limnologist. Funding is improved, with slightly more adequate operating funds. Two grants proposals were written: nutrient limitation to primary productivity and ecological distinction between endemic whitefishes.

Pymatuning Laboratory of Ecology, University of Pittsburgh, Linesville, Penn. A new course is Ecology of Aquatic Insects. Funding is about the same as last year as far as University support goes, except for cost-of-living increases for staff. A recreation room was added on to the dining hall. Staff research grants are about the same. A grant was proposed to NSF for collection and graduate research space. Undergraduate enrollment continues to increase. We are attempting to reduce graduate students in ecology. A cooperative program is underway whereby this station serves other institutions in this region and students register at their home institution for field station courses. Cooperating institutions contribute by furnishing staff members.

Oneonta State Biological Field Station, State University College, Oneonta, N.Y. William N. Harman. Intensive summer courses in the following areas are offered at the convenience of the research staff: independent study in field oriented research projects in Limnology, Aquatic Ecology, Invertebrate Zoology, Entomology, Mycology, Plant and Animal Ecology. There is no equipment budget, supplies were cut by 1/3 as was temporary service (student and faculty). Besides the main laboratory building at the lake site a new and much smaller facility was constructed on a terrestrial site near Moe Pond to use as a small field laboratory, shelter and sleeping quarters for persons working in the field. A 40 foot pontoon barge fully equipped to handle 24 students and any typical limnological investigations was obtained (Harman - NSF Inst. Scientific Program). Dr. L. L. Pechuman, Cornell University, collected several Tabanidae (Diptera) that are new records for this area. Plans are being formulated for "Limnological Weekend" to be held in mid October 1972, which would involve limnologists associated with the SUNY system throughout New York State. Use of our facilities is available for any researcher as long as his work fits into the long range goals established for the station. Since funding is quite limited at present investigators must be able to furnish funds for their own supply requirements. For additional information contact Dr. Willard N. Harman, Chmn. Biological Field Station Comm., Biological Field Station, Cooperstown, N.Y. or Biology Department, State University College, Oneonta, N.Y. 13820.

University of Oklahoma Biological Station, University of Oklahoma, Norman, Okla., Loren G. Hill. Several new courses will be offered during the 1972 Summer session, including interdisciplinary team-taught courses, e.g. Environmental Quality/Impact Assessments (Instructors, nine Engineers), Reservoir Biology (Instructors, a botanist and a zoologist), Pollination Ecology (Instructors, a botanist and a zoologist). An undergraduate Research Participation grant, involving 20 participants will be conducted this Summer. The Southwestern Association of Parasitologists held their annual meeting in April of the year at the Station, and the Herpetologists League and the Society of Amphibians and Reptiles will have a joint meeting at the Station, August 14 - 17, 1972.

Jackson Hole Biological Research Station, University of Wyoming, L. Floyd Clarke. Funding is adequate for this year. A research grant of \$2700 was received from the New York Zoological Society. An Annual Report describes research projects for the past year.

Lake Itasca Forestry and Biological Station, University of Minnesota, Minneapolis, Minn. David E. Parmelee. New staff include: Clifford M. Wetmore, U.M. (lichens); Melbourne C. Whiteside, Univ. Tenn. (Aquatic Ecology); Robert W. Lichtwardt, Univ. Kansas (Introductory Mycology); Douglas A. Lancaster, Cornell Univ. (Field Ornithology). New facilities include a mycology laboratory (year-round facility), four more winterized faculty cabins (total to date: 8) and student cabins remodeled. A proposal requesting support for research programs was submitted to NSF Special seminar speakers were: Rollie Taylor, Wellington, New Zealand; Roy Siegfried, Cape Province, South Africa. The Station faculty participated in a 5-day "Itasca Seminar" on environmental problems (sponsored by Northern States Power Co. at Itasca State Park. First spring course offerings at Itasca (1972 Spring Quarter were: Vertebrate Ecology, Field Ornithology, and Field Botany.

Associated Colleges of the Midwest (ACM) Wilderness Field Station, Ripon College, Ripon Wisconsin. William Brooks. A newly instituted independent research program will be attended by 3 students: one working on wolf (den) behavior, one on habitat utilization and interspecific competition by warblers, and one on limnological studies. All will do their research over the entire 9-week period, rather than (as in the past) doing it only in the last 4-week session. We hope for significant, publishable work that has not been possible before. With 92 applicants for 50 spots, the funding picture looks rosy, since our funding comes entirely for student tuition and board charges. This is the highest number of applicants ever received in the 11 years of operation- next highest was last year with 70. Sigurd Olson (author) visited us last year. The Minnesota regulation banning canned and bottled foods in the Boundary Waters Canoe Area has been lifted for us (until at least 1975), after a lengthy in-and-out-of coast battle. We do not take canned items on canoe trips, but must have them for base-camp operation. Since the Station is in the BWCA, we had to obtain the exception or we would have been forced to terminate operation.

University of Manitoba Field Station (Delta Marsh), University of Manitoba, Winnipeg. Manitoba. Jennifer Shay. Three courses were introduced: Introductory Ecology, Plant Ecology and Animal Ecology. Funding is reasonably satisfactory. A new dormitory building (72' x 28') was acquired. Dining facilities for up to 40 were constructed and space for research labs was made available. \$25,000 for research was allocated by the Manitoba Department of Mines, Resources and Environmental Management. Other research funds are forthcoming from a variety of sources. A few short courses, e.g. Bird Populations (non credit) for naturalists and the public are offered at times when credit courses are not in progress, i.e. to maximize the use of facilities - response seems excellent. The University has undertaken to fund support staff and building maintenance (i.e. year round caretaker and cook when needed), a great step forward!

Iowa Lakeside Laboratory, Milford, Iowa. Richard Bovbjerg. Funding is grim! We are being asked to hold the line. We have remonstrated that during the years that our parent campuses flourished we did not; yet, now we as well as they are asked to tighten belts. We had one summer of use of our new library, a renovated abandoned school house we hauled onto our station grounds. It is meager yet but already useful. The university helped with \$5,000 the first year and alumni contributed another thousand. Now the university is putting in 1,000 per year to maintain periodicals and make new book purchases. \$50,000 went into an entirely new water distribution system, both tap and lake water. We are recovering from the scars of digging. Henry van der Schalie from Michigan spent a week with us; he roared about in the field, chatted with all of us and gave a seminar every afternoon. This is the sort of thing that gives yeast to a place. Our old launch gave out this year and we purchased a new pontoon barge to replace it. It is a very nifty craft, all aluminum, compartmented pontoons with a sweet line. The platform is 26 x 9 feet of clear work area, powered by 100 horses in an inboard-outboard engine that sends it flying. I will let you know how it works out.

AIBS Governing Board Meeting, Statler Hilton Hotel, Washington, D.C.
March 4-5, 1972. Dr. Robert C. Dalgleish, Observer for OIBFS
The O.I.B.F.S. is an affiliate member of AIBS and may therefore
send one observer to the meetings of Board of Governors. R.C.D.
attended the Fall, 1971 Meeting at Ft. Collins and the above Spring,
1972 meeting. The abbreviated minutes of this meeting are to be
found in Bioscience, April, 1972: 244, with a report on the Study
Groups published in Bioscience of May: 317. One of the problems
facing a delegate is that of deciding on how best to represent the
member society. I elected to attend the Study Group on SERVICES TO
SOCIETIES as I felt that it was of interest to all due paying members,
both of AIBS and OIBFS. The recommendations of this committee to
the Executive Committee are as follows: 1) BIOSCIENCE should con-
tinue in its current format but with more emphasis on making it an
effective house organ, increasing information about legislation or
governmental policies directly affecting the biological sciences,
and providing a series on specific member societies of the AIBS.
2) The AIBS should formulate policies and guidelines to provide
services on a contractual basis for independent adherent societies
meetings. 3) An AIBS staff member should be charged with the
responsibility for serving as principal liaison officer between
societies and the AIBS 4) No changes should be made in the current
organizational chart of the AIBS until a trial period of the
establishment of the society liaison man in Washington "OUR MAN IN
WASHINGTON" has been assessed.

The implementation of these and other study group recommendations
will be very difficult, given the austere budget of AIBS. There are
signs however, that some of the less costly recommendations have been
adopted. Bioscience now contains more "in-house news" i.e. the

above mentioned minutes and reports of the meetings of the Bd. of Governors. Any increase in reporting on the "Washington Scene" will require additional staff, for which there are no funds available. The message has been received and we can look for more news and fewer "Quasi-Scientific American" articles. Bioscience tends to be the whipping boy for members displeasure with AIBS. The publication of Harve Carlson's address to the Board on March 4th. was an example of the information members wanted. i.e. The new N.S.F. Budget now has a line item in the amount of \$1.3 millions for the support of Museums and Field Stations and that \$0.5 millions could be considered "earmarked" for field stations. Recommendation two, deals with the Annual Meetings. To many, AIBS is the Annual Meetings, and yet there has been a steady decrease in attendance and increase in costs and deficit. The complaints about the Annual Meetings are many, increasing the size only reduces the deficit and would probably eventually force them off campus into expensive facilities, ala A.A.A.S. and the Federation Meetings. How then can AIBS serve as an umbrella organization to such a diverse membership without having an annual meeting. One solution was to have AIBS contract with member societies for the organization of their independent meetings and perhaps eventually assist in society bookkeeping tasks. Not a very glamorous purpose. "O.I.B.F.S. is not along in seeking a purpose!"

There were a number of complaints that AIBS staff had contracted the "Washington Disease" and had lost contact with their constituents. One solution proposed, was that each staff member at AIBS be assigned as liaison officer for a society. This individual would be responsible for communication between the member societies and the Washington office. This proposal was well received by other study groups, who saw in it the solution to many of their problems. OUR MAN IN WASHINGTON will not only be available to answer our inquiries, but will also be in a position of contacting the appropriate members of a society whose expertise may be of value in federal committee hearings or the like.

The AIBS needs more members, if you are not now a member I would recommend that you join. I personally feel that the move towards AIBS representing the needs and interests of biologists to the federal government is long overdue. (See "AIBS at the White House" by Robert W. Krauss, Bioscience March, 1972:178).

I will also admit to being a little hasty in speaking against the motion of Parsons and Putnam, for the OIBFS to upgrade its membership in AIBS from the non voting Affiliate to Adherent Membership thereby gaining a vote and more influence. I would also like to see OIBFS become the only Adherent Society with 100% membership, the highest joint membership is ca. 75% (Soc. Dev. Biol. & Amer. Soc. Zool.). If AIBS is going to represent us in Washington, lets make sure we give them the word loud and clear.

Robert C. Dalglish

Bylaws - Present wording

Article 2

The terms of officers shall be for two years beginning October 1. For the first year, the President and Secretary-Treasurer shall serve a one year term.

PROPOSED AMMENDMENTS:

Article 2

The President and President Elect shall be elected for terms of one year and may be re-elected for not more than two additional terms.

The Secretary-Treasurer and Editor shall be elected for terms of two years each, and may be re-elected for any number of terms.

The official terms of the officers shall commence with the close of the annual meeting and shall continue until their successors assume office.

If, for any reason, the President shall be unable to carry out the duties of that office, he shall be succeeded by the President Elect for the remainder of the term. Vacancies in the other offices may be filled until the next election by appointment, by the remaining officers, of a member in good standing to serve the remainder of the term.

The duties of the officers shall be those usually devolving upon such officers except as may be otherwise provided by the Board of Directors.

The purpose of these amendments, as outlined at the 1971 Annual Meeting, is to ensure continuity of officers and provide for filling of vacancies. The duties of the officers have been left vague so as to permit the President to assign duties according to the abilities and interests of the officers.

Please advise me of any changes or corrections to these amendments.

R. C. Dalgleish

Questionnaire to members

I approve of the proposed ammendment: yes no

I suggest the following changes:

Send to: R. Dalgleish
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