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A.I.B.S.-P.S.A. Meetings, Indiana University, Bloomington, 23-29 August

1. Field Trip

Field trip to be led by William and Fay Daily to lakes and ponds in central Indiana near Bloomington, including Brown County State Park and Yellowood Lake. Microscopes and other equipment will be available to participants after the trip in 243 Jordan Hall. Assemble at 9:00 a.m., Sunday, 23 August, in front of Jordan Hall. Contact Pat Walne, Department of Botany, University of Tennessee, Knoxville 37916 before 10 August for reservations, transportation and box lunches. If you are willing to drive, please inform Dr. Walne.

2. Symposia

A two-part forum on Algae and Pollution, arranged by the PSA and cosponsored by the Ecological Society of America and the Physiological Section of the Botanical Society of America.

Tuesday, 25 August, 9:00 a.m.-12:00 n. Jordan Hall, Room 124.

Topic: Algae and Pollution, Part I. Responses of Algae to Organic Pollutants.

Thursday, 27 August, 9:00 a.m.-12:00 n. Jordan Hall, Room 124.

Topic: Algae and Pollution, Part II. Ecological and Physiological Effects of Inorganic Fertilizers and Inorganic Salts in Secondarily Treated Sewage Outflow Waters.

3. Distinguished Lecturer of Phycology

Wednesday, 26 August, 9:00-10:00 a.m. Ballantine Hall, Room 109.

Speaker: Dr. G. W. Prescott

Topic: "Desmids: Phycological Enigmas"

4. Annual Business Meeting of the PSA and the Physiological Section of the Botanical Society of America

Wednesday, 26 August, 10:00-11:45 a.m. Ballantine Hall, Room 109.

5. Annual Luncheon of the PSA

Wednesday, 26 August, 12:00 n.-1:30 p.m. Indiana Memorial Union, Georgian Rm. Past President's Address: Bruce C. Parker, Virginia Polytechnic Inst., "Algal Antics in Antarctica"

6. Biological Information Exchange and Literature Service

Cornelius Weber, Chairman of PSA's Literature Services Committee, wishes to discuss with interested members the possibility and means of providing literature services for members. He proposes to meet before the annual business meeting (perhaps Tuesday evening at 8:30 or 9:00). All interested members should contact him at the FWPCA Analytical Quality Control Laboratory, 1014 Broadway, Cincinnati, Ohio 45202, before 15 July.

7. Advance Registration and Housing Information

Printed forms with advance registration and housing information are now available from Ann Kulback, AIBS Meetings Department, AIBS, 3900 Wisconsin Avenue, N. W., Washington, D. C. 20016.

AIBS will accept advance registration and housing applications until 31 July. After 31 July there will be a late registration fee of \$2.00. Please register early and avoid the inconvenience of long lines at the meeting.

My Ladye, Green Weeds: A Rhapsodious Roundelay

O, I have labour'd late and long
Researching in phycology,
And I must sing in simple song
My ladye, Chlorophyceae.

O green algae absorb the light
Replete with chlorophylls a and b,
And green algae are my delight
My ladye, Chlorophyceae.

Green weeds are all my joy
And green weeds are my delight.
Green weeds are my latest toy -
My lovely algae, green weeds.

Green weeds are my passion now;
With green weeds my heart's afire.
Green weeds are my all, I trow -
My lovely algae, green weeds.

R.A.L.

R/V ALPHA HELIX

The R/V ALPHA HELIX, designed and built as a floating laboratory for experimental biology, will be made available for half of 1970, 1971 and 1972 for short cruises for biological oceanographic research that is suited to its facilities.

The possibility exists that N.S.F. will grant support for operation of the vessel for the second half of these calendar years for biological oceanography. The support would come from research funds, but cruises that include an element of graduate student training or for advanced predoctoral research will be considered. The support is expected to be only for ship time; Scripps Institution of Oceanography will have no funds for travel to or from the ship or for direct scientific costs. It may in some cases be able to provide equipment not normally carried by the ALPHA HELIX.

Cruises will generally be between two days and two weeks in the eastern Pacific north of the equator. Projects proposed may include from one to ten persons in the scientific party.

Proposals should be sent to the Director, Scripps Institution of Oceanography, Those for July-December 1970 that have been received up to April 15th will be considered together. For 1971 and 1972 proposals should be received by 15 January 1971 and 1972, respectively. The National Advisory Board for the R/V ALPHA HELIX will select programs from those submitted on the basis of scientific merit, justification for the ALPHA HELIX and compatibility with other programs.

The vessel may be outward bound for Antarctica for the austral summer of 1970-71 (passing near or through interesting areas such as the Costa Rica Dome and the Crowell current) and north bound from the Palmer Peninsula to the Marshall Islands in March (traversing areas little known biologically). Proposals for observations or sampling during these transits are in order.

9th Northeast Algal Symposium

The 9th Northeast Algal Symposium is scheduled for Saturday, 17 October, at the State University of New York, Binghamton. Those interested members not already on the mailing list should contact N. Lazaroff, SUNY, Binghamton, New York 13901, for a program.

First National Meeting of AMQUA

The newly organized American Quaternary Association (AMQUA) will hold its first national meeting in 1970. The meeting will be held in Yellowstone National Park and at Montana State University in Bozeman, from 28 August through 1 September. The meeting will include two days of field conferences, with discussion on broad topics of general interest illustrated by the Quaternary features in and around Yellowstone Park and Bozeman, and two days devoted to a symposium and sessions of papers on 'Climatic changes from 14,000 to 9,000 years ago'.

Further information can be obtained from the AMQUA Secretary, Margaret Davis, Great Lakes Research Division, University of Michigan, Ann Arbor, Michigan 48104.

Paris Symposium on Alternation of Generations and Life-Histories of Algae

A symposium on Alternation of Generations and Life-Histories of Algae, sponsored by Societe Botanique de France and Societe Phycologique de France and organized by J. Feldmann, will be held in Paris on 13 and 14 November 1970. Papers presented in French, English or German will be published as a separate 'Memoires' of Societe Botanique de France.

Please send titles and brief summary of communications, before 30 June to Dr. J. Feldmann, Laboratoire de Biologie vegetale marine, 7 Quai Saint-Bernard, Paris 5^e, France.

News of Members

Patricia Erlbaum Cassin has completed her Ph.D. at Fordham University under Dr. S. H. Hutner. Pat has been appointed Assistant Professor of Biology at Queensborough Community College, CUNY, in New York. She is teaching microbiology and general biology, and is continuing her research on the physiology of acidophilic Chlamydomonas species.

John Chambers has moved to the Department of Biology at East Texas State University, Commerce, Texas. The position he vacated at the University of Southwest Louisiana was filled by Don Capron.

Haskins Laboratories Move

The three research groups of Haskins Laboratories are leaving their present facilities on 43rd St. because of pressure for a U.N. diplomatic center which will take over the building housing the laboratories.

Dr. Caryl P. Haskins, currently president of the Carnegie Institution of Washington, D. C., founded Haskins Laboratories in the mid-1930's to investigate scientific problems which do not fit into conventional academic categories. The

laboratory has since earned an international reputation for research in such diverse fields as psycho-linguistics, nutrition of microorganisms and biochemistry of tropical parasites.

The Marine Microbiology Group has associated with Yale University and the Linguistics Group both with Yale and the University of Connecticut. The Biology Group, under the director of Dr. Seymour H. Hutner, will associate with Pace College, New York.

Free Direction Card for Phytoplankton Guide

Users of our Guide to the Phytoplankton of Narragansett Bay, especially those who have obtained the 'summer/winter' samples (Turtox) for marine biology classwork, may welcome the card 'How to Use this Book'.

Students, and even some reviewers, have missed the system by which this guide works; these notes, it is now clear, should have appeared in the introduction (hindsight!).

Owners of one or more copies are welcome to a card for each book (new books will have one). Send self addressed stamped envelope for your free copy to: Dr. R. D. Wood, 76 Stonehenge Road, Kingston, R. I. 02881.

Dues Notice

1970 dues are payable and include Vol. 6 of the Journal of Phycology and the Phycological Newsletter. Please pay in U. S. currency according to the following schedule:

\$ 12.00	regular	\$ 15.00	libraries, corporations
7.50	student	350.00	lifetime
6.00	retired		

Send dues to: Dr. H. Wayne Nichols, Department of Biology, Washington University, St. Louis, Missouri 63130.

Provasoli Pleads Cooperation: Page Charges Requisite

Only four out of the fourteen papers in Vol. 5:3 of the Journal of Phycology paid the voluntary page charges!!

Page charges are the most substantial means of paying for the printing of current research as promptly as possible and of offering a more substantial journal to the membership; both are essential for building circulation and advancing research. Our Society from the beginning has favored voluntary page charges to avoid discrimination against the less affluent, and the page charge covers less than half the real cost per page to attract voluntary contributions. Under these conditions, which seem equitable, maintenance of the present size of the Journal can be achieved if about 40% of the authors pay page charges; expansion of the Journal would require an 80% level of contributions. Anyone having grants can and should include a budget item to cover publication cost; this is a normal and acceptable practice. Publication of the results is indeed the most important product of the grant.

Second Brazilian Phycological Meeting

The second Brazilian Phycological Meeting was held 13-14 January in the State of Paraíba in northeastern Brazil. It was organized by Drs. A. Joly and C. Bicudo in collaboration with the University of Sao Paulo and the Sao Paulo Botanical Institute. The following phycological communications were read and discussed during the scientific session:

- BICUDO, C., BICUDO, ROSA and BRUNINI, J. Air dispersed algae and hypersensitivity in the respiratory system.
- BICUDO, C. and CARVALHO, LUCY. Polymorphism in the desmid Xanthidium regulare and its taxonomical implications.
- BICUDO, ROSA. Karyotype of Nitella cernua.
- CARVALHO, LUCY. Contribution to the knowledge of the blue-green algae of Parque do Estado, Sao Paulo, Brazil.
- ESKINAZI-LECA, ENIDE. Studies on the continental platform of the Recife area, III: diatoms of the phytoplankton.
- ESKINAZI-LECA, ENIDE. Studies on the diatoms of the Brazilian northeastern continental platform - preliminary notes.
- GANESAN, E. K. Amphiroa currai, a new species of marine algae (Corallinaceae, Rhodophyta) from Venezuela.
- JOLY, A., CABRERA, SUZANA and SAZIMA, I. Myriogloia Kuckuck, 1929, in the American South Atlantic (Chordariaceae, Phaeophyta).
- JOLY, A. and PEREIRA, SONIA. A new Anadyomene from the Tropical American South Atlantic.
- JOLY, A., SCHNEIDER, MARLIES and SEMIR, J. Notes of Caulerpa.
- JOLY, A. and BRAGA, YOCIE. Microdictyon vanbosseae on the South Atlantic.
- LABANCA, MARIA. Caulerpa from Pernambuco.
- LYRA, E. Soil algae from the Pernambuco 'agreste' region.
- OLIVEIRA-FILHO, E. and SAZIMA, I. Observations on the biology of Pterocladia pinnata - preliminary notes.
- PIMENTEL, MARY. Contribution to the knowledge of the Trachelomonas (Euglenophyceae) of Parque do Estado, Sao Paulo, Brazil.
- YAMAGUISHI-TOMITA, NOEMY. Notes on the occurrence of four Galaxaura Lamouroux species in the Brazilian coast.

At the end of the scientific session, a brief report of the Brazilian Committee for Phycological Studies, for years 1968 and 1969, was presented by Drs. A. Joly, Hermes Filho and Carlos Bicudo.

On January 14, Mr. Eduardo Serena, Commercial Director of CIALGAS, special guest for the Meeting, delivered a speech on the 'Research done during the last 5 years by CIALGAS related to industrial utilization in Brazil of seaweed products from Brazilian algae'.

Eighth Northeast Algal Symposium

The eighth meeting of the Northeast Algal Symposium convened 11-12 October 1969, in Amherst, Massachusetts, at the University of Massachusetts. This Symposium, organized by R. T. Wilce, included 8 contributed papers, and panel discussions which were held at the close of the morning and afternoon sessions. The attendees numbered between 135-140, coming from as far north as Halifax, Nova Scotia and Quebec City, Quebec, and from a southern limit of Washington, D. C. The papers were good, the panel discussions lively and the autumn color and weather couldn't have been more accomodating.

The Northeast Algal Symposium, formerly called the Metropolitan Algal Meetings, was initiated by a group of enthusiastic phycologists from the metropolitan

area with their first meeting held in the spring of 1966 at Queens College, N. Y. The initial purpose of these meetings was to provide a vehicle to present and discuss algal research twice a year to the considerable number of phycologists working in the broad metropolitan New York area. Owing to the research interests of many of the original members, the meetings were primarily of physiological character. With increased attendance and a corresponding development of the scope of interests, the character of the meetings broadened to include many more northeast phycologists as well as the disciplines of phycology they represent. It is now our policy to meet once each year.

The Northeast Algal Symposium does not have officers, nor does it have dues or annual assessments. Perhaps one day one or both will become necessary but for the present it is the hope of the members to retain the complete informality of the Symposium as it has been conducted. Members are included on our mailing list at their request with the list passed from one Symposium host to the next with the hope of an ever increasing quality of the organization of the few records maintained. The location of the Symposium is determined by the request of one of the members to function as host. It's been our policy to have the meetings at a different location each time they are held; with continued increase of membership, it seems likely that we can continue this way for some time.

Past Symposia (Metropolitan Algal Meetings) were held at the following academic and research institutions: Queens College, State University of New York at Stony Brook, Hunter College, Yale University, Brooklyn College, University of Connecticut, and the University of Massachusetts. The date for the 9th Northeast Algal Symposium has recently been announced as the 17th October; it will be held on the campus of New York State University at Binghamton, with Dr. Norman Lazeroff and his colleagues as hosts.

The following papers were given, abstracts of which may be obtained from R. T. Wilce, Department of Botany, University of Massachusetts, Amherst, Mass. 01002.

- ADEY, W. A Phylogeographic hypothesis for the boreale-subarctic crustose corallines of the North Atlantic.
- HANIC, L. A. Life history studies on Urospora and Codiolum.
- HOBSON, L. A. The effect of inorganic nitrogen on macromolecular synthesis by two centric diatoms grown in batch culture.
- JONES, R. F. Some aspects of the phycology and biochemistry of differentiation in Chlamydomonas reinhardtii.
- LYMAN, H., G. K. RUSSEL, M. LEDBETTER and ANN S. JUPP. Control mechanisms in chloroplast synthesis in Euglena.
- SEARS, J. R. Sublittoral algal ecology in southern Cape Cod, Massachusetts.
- TORREY, J. G. Experimental studies on Fucus embryology.
- WOELKERLING, W. J. Cytology and reproduction in acrochoetioid red algae.

Jackson Estuarine Laboratory Dedicated

The University of New Hampshire's Jackson Estuarine Laboratory at Adams Point was dedicated on 30 May. A two-way meeting preceded the dedication to establish a new society devoted to research in estuaries, the New England Estuarine Research Society.

Information concerning the new laboratory and society may be obtained from Galen E. Jones, Director, Jackson Estuarine Laboratory, University of New Hampshire, Durham, N. H. 03824.