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EMAIL NEWSLETTER no. 7 - December 1997
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1) Editor's Note
   Gregory Hinkle, Newsletter Editor
   ghinkle@umassd.edu
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Greetings All.

At long last a newsletter! Apologies for the long lapse in information and many thanks for Charley O'Kelly for carrying the Newsletter torch so long and far. In large part due to my tardiness (please don't blame Charley) there is a lot of material to cover.

The News from ISEP-11

Many thanks to Michael Melkonian and his committee colleagues for a stimulating and well run ISEP-11 in Cologne. The meeting of about 100 scientists from around the globe started with Mark Ragan's tour-de-force President's lecture on the history of 'kingdoms' and 'protistology'. Those who could not attend missed a true feat of scholarship. A noticeably large contingent from Australia was in attendance; they outnumbered the North Americans. Goeff McFadden discussed his work on plastids in Apicomplexa, work that nicely foreshadowed the upcoming joint meeting of the phycologists and protozoologists in Flagstaff. A large number of talks showed that the origin and evolution of protist organelles continues to be the focus of many ISEP members research interests. Agnes Germot talk on mitochondrial-type genes in mitochondria-less trichomonads (and work by many others) stimulated much discussion on the existence of ancestral amitochondrial lineages, a topic sure to be front and center in Flagstaff.

The Cologne meeting heard the first, but certainly not the last, ISEP talks on protist genome efforts; though no protist genomes are likely be completely sequenced by the August 1998 meeting, quite a few will be well along the way. Finally, congrats to Bob Anderson on his election to the post of ISEP president-elect.

2) President's Message

Oejvind Moestrup
moestrup@bot.ku.dk

ISEP 12

Plans for ISEP 12 are progressing well and we look forward to the joint venture with SOP and PSA. This made me sit back and think of previous ISEP meetings I have attended. The strength of the ISEP meetings and the single most important thing that makes people attend the ISEP meetings is a common interest in the evolution of protists. This applies to people with the most diverse backgrounds, biochemists, mycologists, systematists, ecologists, etc. The people use all possible techniques to elucidate how evolution may have taken place and this diversity of approaches is in my opinion what makes ISEP meetings so fascinating.

What also characterizes ISEP is that new techniques are immediately tested by ISEP members and the results reported at the next meeting. This may not appear to distinguish ISEP from other societies but it actually does because a single - very important - new technique may be taken up by many ISEP members and the next ISEP meeting is then dominated by papers using this technique. We saw this happening in the 1970s and early 1980s when flagellar apparatus ultrastructure and reconstruction became dominating and we see it now with trees based on gene sequencing dominate. A wish for ISEP 12.

I hope the time will soon be ripe again for papers reporting on a wide range of techniques. In other words I hope we will see at ISEP 12 a mixture of papers presenting trees based on many different genes, on morphology and ultrastructure, on the fossil evidence, on pigments, etc.

Let us try for total evidence this time! See you in Flagstaff - Oejvind Moestrup

3) ISEP Members List

ISEP Executive Committee

If you've gotten this Newsletter via email or the WWW, and your name is not listed below, we don't have you on record as a currently paid-up member.

Gary has informed me that quite a number of renewals will come due this coming Summer. This doesn't necessarily mean you haven't paid, only that we don't have a record of it :-).

We welcome your membership! please contact me (ghinkle@umassd.edu) or Gary Saunders (gws@unb.ca) to check on your status.

NEW members are always welcome! (They make great stocking stuffers for graduate students)

- AJIOKA, James W.
- ANDERSEN Robert A.
- BAKKER-GRUNWALD Tilly
- BARR Donald J.S.
- BLACKWELL Meridith
- BLANCHARD Jeffrey

BRASELTON James P.
BURGER Gertraud
CAVALIER-SMITH Thomas
CHAPMAN, David J.
CHAPMAN Russell L.
CHESNICK Joby
CORLISS John O.
DELWICHE Charles F.
DEMOULIN Vincent
DINET Marie-Joseph
DOLAN Michael
DOUGLAS Susan E.
DROFFNER, Mary L.
DYER Betsey
FARMER Mark A.
FEAGIN Jean
FERNANDEZ-LEBORANS Gregorio
FISHER Karen
FLOYD Gary L.
GABRIELSON Paul W.
GOGGIN C. Louise
GRAY Michael W.
GUILLEMETTE Tracy
HACKSTEIN Johannes H.P.
HALLICK Richard B.
HANNAERT Veronique
HASHIMOTO Tetsuo
HEATH I. Brent
HERRICK Glenn A.
HEYWOOD Peter
HINKLE Gregory
HRDY Ivan
HUFNAGEL Linda A.
JEFFRIES Alex C.
JOHNSON, Alan
KATZ, Laura A.
KERK David
KISSINGER Jessica C.
KLASSEN Glen R.
KLAVENESS Dag
KUGRENS Paul
LANG B. Franz
LANG-UNNASCH Naomi E.
LEANDER, Brian, S.
LEANDER, Celeste, A.
LEIPE Detlef D.
LIPSCOMB Diana
LITTLEJOHN Tim
LONGCORE Joyce E.
LUDUENA Richard F.
LUKES, Julius
LYNN Denis H.
MAIER Uwe-G.
MARGULIS Lynn
MARTIN William
McFADDEN Geoff
MEDLIN, Linda K.
MELKONIAN Michael
MERINFELD E. Georges
MICHELS Paul A.M.
MIGNOT Jean-Pierre
MOESTRUP Oejvind
MOLLICONE Marilyn R.
MOTTA Jerome J.
MUELLER Bodo E.G.
MULLER Miklos
NERAD Thomas A.
O'KELLY Charles J.
OLENDZENSKI Lorraine

PALMER Jeffrey D.
 PATTERSON David J.
 PAWLOWSKI, Jan
 PIENAAR Richard N.
 POLIKARPOV Igor G.
 PREISFELD, Angelika
 PREISIG Hans R.
 PRESCOTT David M.
 PRZYBOS Ewa
 PUESCHEL Curt M.
 RAGAN Mark A.
 ROBERTS Keith R.
 ROTHSCHILD Lynn J.
 SALDARRIAGA, Juan
 SAUNDERS, Gary W.
 SCHLEGEL Martin
 SELLERS, C. Grier
 SENSEN, Christoph
 SIDDALL Mark E.
 SILFLOW Carolyn D.
 SIMPSON, Alastair
 SLEIGH Michael A.
 TAYLOR F.J.R. "Max"
 TEAL Thomas
 THOMPSON Michael
 THOMSEN Helge A.
 TURMEL Monique
 TURNER Sean
 VAN DER AUWERA Gert
 van de PEER, Yves
 WALNE Patricia L.
 WEE James L.
 WEEKERS, Peter
 WILSON R.J.M. (Iain)
 WRIGHT Andre-Denis G.
 ZACKROFF Robert
 ZAHN R.K.
 ZHOU Yi-Hong

ISEP Officers 1996-1998

Ojvind Moestrup	PRESIDENT
Robert A. Anderson	PRESIDENT-ELECT
Lynn J.Rothschild	SECRETARY
Gary W. Saunders	TREASURER
Susan E. Douglas	CANADIAN COUNCILLOR
B. Franz Lang	CANADIAN COUNCILLOR
Mark A. Farmer	U.S. COUNCILLOR
Hans R. Preisig	EUROPEAN COUNCILLOR
Goeff McFadden	COUNCILLOR-AT-LARGE
Greg Hinkle	NEWSLETTER EDITOR

Addresses for all the officers are below (see also

[ISEP Officers Directory](#).)

4) Annual Meeting 1997

Oejvind Moestrup
 moestrup@bot.ku.dk

ISEP's articles of incorporation and by-laws require us to hold an Annual Meeting. The 1996 meeting was held during ISEP-11 in Cologne. In intervening years, the Annual Meeting takes the form of a telephone conference call. The 1997 meeting was held on 5 December 1997. Members "in attendance" were Oejvind Moestrup, Franz Lang, Gary Saunders, Greg Hinkle, Mark Farmer, Bob Andersen, Sue Douglas, Mark Ragan and Lynn Rothschild.

Members should be aware that the off year phone "meeting" is open to any member of ISEP who wishes to link in. If you're interested, please contact me for further details. The next meeting will be in Flagstaff at ISEP-12.

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5) ISEP Web site

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ISEP maintains a WWW presence on Franz Lang's U Montreal server. The address is <http://megasun.bch.umontreal.ca/isep/> . If there is anything you wish to add to the site (news, pointers, etc.), please contact Franz (at langf@bch.umontreal.ca) or Charley (okellyc@bch.umontreal.ca).

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6) ISEP-12: Flagstaff

*****'

The sessions for ISEP-12 are a bit in flux, but the most important information is set and provided below. As was agreed upon at ISEP-11, the next meeting, ISEP-12, will be a joint meeting of the Phycological Society of America (PSA), The Society of Protozoologists (SOP) and ISEP. The ISEP meeting will bridge the SOP and PSA meetings, in schedule and in essence.

The hosts for ISEP-12 are Lynn Rothschild and Lynda Goff. The local host is Larry Fritz of Northern Arizona University in Flagstaff Arizona. The program is still in flux in part due to continuing efforts to insure that ISEP will not get swamped by our larger brethren and yet still interact.

More detailed information regarding registration and contacts will be sent via email and posted via bionet in mid-January. For those who wonder why we're headed for Arizona in the heat of Summer, be aware that Flagstaff is in northern part of the state in in the high foothills of the Rockies. If you haven't seen it, a trip to the Grand Canyon is highly recommended.

The ISEP portion of the meeting (provided by Mark Farmer):

"ISEP is scheduled to run from August 1 until August 4 1998. The program is briefly:

Aug 1 1200 - 1700 Registration
 1400 - 1700 Exec. council Mtg.
 1900 - ? Opening mixer

Aug 2 900 - 1230 Session I
 1400 - 1700 Session II

Sunday evening is open with the possibility of having Oejvind's President's Lecture and then a private tour of the Lowell Observatory (one of the most famous astronomical observatories in the US) in the evening.

Aug 3 900 - 1200 Session III
 1400- 1700 Session IV
 1900 - ? PSA/SOP opening mixer

Aug 4 830 - 1200 ISEP/SOP/PSA Symposium

The ISEP/SOP/PSA Symposium is on "The Origin of Chloroplasts and Mitochondria", is put together by Mike Adl of SOP, and will be published in Journal of Eukaryotic Microbiology.

Housing at ISEP-12 (more information will be available in mid-January, but here's what I have at the moment from Larry Fritz via Lynn Rothschild):

"150 rooms have been reserved at Northern Arizona

University residence halls (\$45/night including 3 meals) but he (Larry) would like to reserve these for students. In addition, there are three hotels within walking distance (\$49-69/ night - very good rates for August)."

Local Host at Northern Arizona University:

Larry Fritz, PhD
Department of Biology
Northern Arizona University
Flagstaff, AZ 86011-5640

email: Lawrence.Fritz@nau.edu
lmf2@nau.edu
Phone (520) 523-8265
FAX (520) 523-7500
WWW: <http://www.nau.edu:80/~electron/people/lawrence.fritz.html>

7) The Founder's Endowment Fund

This just handed me

The Founder's Endowment Fund

In recognition of the dedication and imagination of FWR "Max" Taylor, Lynn Margulis and Howard Whisler in establishing the International Society of Evolutionary Protistology, the Endowment Fund Committee in consultation with the ISEP Executive Council has created The Founder's Endowment Fund.

The Fund will provide financial assistance for student travel to future ISEP meetings (including Flagstaff!). Congratulations to the Founders, and many thanks to Gary Saunders and the Endowment Committee for their efforts on behalf of starving graduate students everywhere.

The Founder's Endowment Fund was established on 12 February 1997 for the International Society of Evolutionary Protistology.

The Endowment Fund Committee Members:
Susan Douglas
Brent Heath
Hans Preisig
Gary W. Saunders (Chair)

The MANDATE of the Founder's Endowment Fund is to:

1. provide Travel assistance in the form of two Awards to eligible students (outlined below) for attendance at the biennial ISEP meeting.
2. maintain an accessible financial reserve for the Society.

PROCEDURES:

Eligibility

Any student registered in a graduate program at the time of the meeting, or having graduated less than 3 months prior to the start of the meeting.

Criteria

- 1) Scientific excellence, innovation and likely impact (equally weighted) of the research.
- 2) Quality (logic and clarity of expression) of the abstract.
- 3) In the event of equality based on criteria 1 and 2, distance traveled (preference to those traveling furthest) and seniority (preference to novice graduate studies).

Application procedure

Submit THREE copies of the application package (below) IN ADDITION TO

THE REGISTRATION MATERIALS to the Meeting Organizer(s) by the registration deadline.

APPLICATION PACKAGE

- 1) Single page, single spaced, 12 point type, abstract of the paper to be presented, including full list of authors and institution at which the work was conducted. In the event that the required abstract for the meeting is close to this in size, the format required for the meeting would be acceptable, but a 100-200 word abstract would be unacceptable.
- 2) Letter from the student's supervisor indicating:
 - a) that the student meets the eligibility criteria stated above
 - b) the extent of the work performed by the student relative to co-authors.
- 3) Brief curriculum vitae of the student.

Special Note: Registration material for ISEP-12 in Flagstaff will be available in mid-January 1998

8) ISEP Treasure's Report

The Treasurer's Report (as sent via email to GH by G.W. Saunders)
ISEP 27.vi.96 to 02.x.97 (Canadian dollars)

ACTIVE ACCOUNT

Balance Forward: \$25,442.43

ITEM	Income	Expenses
Membership	\$ 1224.37	
Interest	\$ 446.29	
Certificates		\$ 45.58
Bank Fee DM conversion		\$ 10.00
Transfer to endowment fund		\$22,000.00
Totals	\$ 1670.66	\$22,055.58

Balance \$ 5057.51

ENDOWMENT FUND

Balance Forward: Not applicable, Fund established
13.ii.97

ITEM	Income	Expenses
Transfer from ISEP account	\$22,000.00	
Totals	\$22,000.00	\$ 00.00

Balance \$22,000.00

ISEP remains in a healthy financial state despite the recent transfer of Can\$22,000 to the new Endowment Fund. We are in the black and continue to build revenue at a slow, but steady pace. A large number of

membership fees are due at the 1998 meetings and this should significantly strengthen our financial position. The accounts have been audited as per ISEP bylaws and everything is in order. If you have any questions please contact me. I feel very positive about the financial state of ISEP as we approach the New Year!

Gary W. Saunders
ISEP Treasurer

Dr. Gary W. Saunders
Associate Professor
Department of Biology
University of New Brunswick
Fredericton, N.B.
Canada, E3B 6E1
ph: 506 452 6086
fa: 506 453 3583

9) ISEP-13 Where will we be?

Hate to fly? Stay home and host ISEP-13! Anyone interested in hosting ISEP-13 in 2000 is urged to contact Oejvind (moestrup@bot.ku.dk) or Bob Anderson (andersen@ccmp.bigelow.org) by 1 April 1998 (April Fool's Day in NA; a Fruedian slip?!). Since the upcoming meeting is in North America, ISEP-13 by tradition will be in Europe, though any and all potential sites will of course be considered.

10) News of Colleagues

Changes to Officers's Addresses
ISEP Officers
1996-1998

Last modified: 4 October 1996 (from the www site)

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11) Proceedings of ISEP-11

Mark Ragan informed me that the Proceedings of ISEP-11 are available from Archiv fur Protistenkunde " (vol. 148 no. 3). Unfortunately Mark also informed me that no one knows what happened to the sign up list for copies that was passed around at ISEP-11. If you would like to purchase the issue, please contact Archiv fur Protistenkunde directly.

The special issue includes the following items and papers from the ISEP-11 scientific program:

Ragan MA: A third kingdom of eukaryotic life: history of an idea.

Carreno RA, Kissinger JC, McCutchan TF & Barta JR: Phylogenetic analysis of haemosporinid parasites (Apicomplexa: Haemosporina) and their coevolution with vectors and intermediate hosts.

Cavalier-Smith T: Sagenista and Bigyra, two phyla of heterotrophic heterokont chromists.

Croan D & Ellis J: Monophyletic origin of the genus Sauroleishmania.

Dragos N, Peterfi LS & Popescu C: Comparative fine structure of pellicular cytoskeleton in Euglena Ehrenberg.

Hashimoto T, Nakamura Y, Kamaishi T & Hasegawa M: Early evolution of eukaryotes inferred from protein phylogenies of translation elongation factors 1-alpha and 2.

Karpov SA: Cercomonads and their relationship to the Myxomycetes.

Meiers ST, Rootes WL, Proctor VW & Chapman RL: Phylogeny of the Characeae (Charophyta) inferred from organismal and molecular characters.

Simpson AGB: The identity and composition of the Euglenozoa.

12) ISEP-12 Proceedings Publisher Needed

Mark furthermore informed me that Archiv fur Protistenkunde is changing to the journal Protista and will no longer be able to accept the ISEP proceedings. The proceedings of typical ISEP meetings generally run to 10-15 fine papers. Any and all suggestions for publication of the ISEP-13 proceedings are actively being sought by the ISEP Executive Committee.

13) News and new critters from the friendly folks at the ATCC

Tom Nerad asked me to enclose the following:

Please inform ISEP members about the exciting work going on with *Reclinomonas*. The genus has received extensive coverage in *Science* and *Discovery* magazine. Of the eukaryotic mitochondrial genomes looked at to date, it's the largest.

We have three strains of *Reclinomonas* available:

Reclinomonas americana ATCC 50283 the type strain from Maryland
ATCC 50284 from Michigan
ATCC 50394 from New Zealand
ATCC 50633 from Russia

We now have *Trimastix* cultures available for distribution:

Trimastix sulcata (ATCC 50562)
Trimastix pyriformis (ATCC 50598)

The ATCC is also in search of new strains. Tom's request:

"The Protistology Collection at ATCC is in the process of expanding its holdings of parasitic protozoans. In addition to parasitic protozoa, we would like to expand our holdings of "lower" eukaryotes, in particular, type strains. There is no cost to depositors for donating strains. Once the strain(s) is accessioned into the collection it is available to the depositor at no charge as often as needed whenever a request for the strain is made in writing.

"There are, of course, restrictions on the importation of human parasites and certain animal parasites into the US. There are also restrictions on protozoans that are maintained in media that use serum and or components derived from certain animals. For all human parasites a Public Health Service Permit is required and for certain animal parasites a USDA permit must be obtained. There are other restrictions that may apply and it is best to deal with these on a case by case basis.

One other condition for acceptance into the Collection is that the protozoan must be cultivable in an in vitro system or in a simple animal system. This, of course limits the number and types of strains that can be acquired from other countries."

If you are interested in depositing strains at the ATCC please contact Dr. Thomas A. Nerad in writing:

Dr. Thomas A. Nerad
Collection Scientist
American Type Culture Collection
10801 University Boulevard
Manassas, VA 20110
e-mail:tnerad@atcc.org

14) ISEP Membership Form

The International Society for Evolutionary Protistology welcomes all persons interested in the diversity, taxonomy, phylogeny and evolution of protists. Here's how to join:

- [1] Make a hard copy of the form below.
- [2] Airmail it, with your dues, to the ISEP Treasurer.
- [3] Send me (ghinkle@umassd.edu) a message to let us know you've signed up.

Step [3] is optional, but it really helps us to keep our records together!

[snip] - - [snip] - - [snip] - - [snip] - - [snip] - - [snip]

INTERNATIONAL SOCIETY FOR EVOLUTIONARY PROTISTOLOGY
MEMBERSHIP APPLICATION/RENEWAL

Name:

Postal address:

City, state/province, country:

Postal code:

Telephone number:

Fax number:

E-mail address:

Membership dues are US\$ 25 (*) for two years.

[] I enclose for ISEP membership for the years 199__ through
____ .

Signature:

Date:

(*) Please remit US\$ 25 per two years' membership to:

Dr Gary W. Saunders
Department of Biology
University of New Brunswick
Bag Service #45111
Fredericton, N.B. E3B 6E1
Canada

Payment may be made by personal cheque (within the USA), bank money order or bank draft, international money order, or postal money order.

Currently, payment must be made in U.S. dollars.

We can accept payment for two, four, or more years.

[snip] - - [snip] - - [snip] - - [snip] - - [snip] - - [snip]

15) The Last Page

Greg Hinkle (ghinkle@umassd.edu)

BIONET.PROTISTA now "spam free". For those of you who gave up on bionet.protista because of all the junk messages, be aware that Mark Farmer has taken over curatorship and is now the moderator (read "filter") for the group.

In 'honor' of Mark's anti-SPAM efforts, I present a few SPAM haikus, all from the Internet.

Oh tin of pink meat
I ponder what you may be:
Snout or ear or feet?

Pink beefy temptress
I can no longer remain
Vegetarian

Old man seeks doctor
"I eat Spam daily", he says.
Angioplasty

Highly unnatural
The tortured shape of this 'food'
A small pink coffin

On a more serious note, please make my job easier by sending me *anything* you would like to see in the ISEP Newsletter.
