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 EMAIL NEWSLETTER - 8 February 1995  
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- 1) Editor's Note  
Charley O'Kelly, Newsletter Editor  
okellyc@bch.umontreal.ca

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I had hoped to have a new edition of the Newsletter out sooner, but manuscripts and grant writing have done their dirty work. Consequently, this Newsletter number will be brief. Maybe after the March 1 deadline I'm working towards passes, I'll have a bit more time to bring you the protistological news. Until then, best wishes! and I want your copy for the Newsletter!

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- 2) The Money Hunt  
Charley O'Kelly

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+++++++ PEET Update ++++++

As promised in an earlier Newsletter, the White Paper on the PEET (Partnerships for Enhancement of Expertise in Taxonomy) has been released by NSF and archived in the ISEP World Wide Web page.

The report is titled:

TAXONOMIC EXPERTS, SYSTEMATIC MONOGRAPHS  
 REPORT OF A PANEL-WORKSHOP, 29-30 NOVEMBER 1994  
 ON PRACTICES AND DIRECTIONS IN MONOGRAPHIC RESEARCH

and contains a number of specific comments and recommendations for both writers and reviewers of PEET proposals.

The document may be found at the following URL address:

<http://megasun.bch.umontreal.ca/isep/peet.html>

and it may also be accessed from the ISEP home page

<http://megasun.bch.umontreal.ca/isep/isep.html>

by selecting the line "PEET Report".

The report is also available by email from me, okellyc@bch.umontreal.ca, if you don't have access to the World Wide Web.

happy writing!

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3) News of Colleagues  
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Unfortunately, the news this month is bad, as the field of protistology has lost five of its most prized members. I've lifted the following account from the Society of Protozoology Newsletter. Some characters were lost in translation, and I've attempted to edit. I hope I've gotten everything spelled right!

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#### In Memoriam

This fall, during just the past few weeks, our Society has lamentably lost several outstanding members and friends of the Society whose passings deserve special mention. In a letter from Dr. Eugene C. Bovee we learned that Frances Floed Jahn, widow of Theodore L. Jahn, died on August 1, 1994 at the age of 89. Dr. Bovee, Lawrence, KS remembers her as "...a cheerful, devoted wife and gracious hostess but also as a stern and excellent editor of many manuscripts." She was also a co-author of the first and second editions of "How to Know the Protozoa" which is still widely in use.

Tributes to four older distinguished protozoologists who have recently passed away are also included on the following pages. Professor Alfred R. Loeblich is remembered by Jere Lipps; Professor Karl G. Grell, an Honorary Member from Tuebingen, Germany, who died suddenly a few weeks before his 82nd birthday, is eulogized by Christian F. Bardele; Professor Enrique Beltrin, an Honorary Member from Mexico who died in late October at the age of 91 is remembered by John O. Corliss; and Dr. Andre Lwoff, Nobel Laureate who passed away in Paris, France, at 92, is also honored briefly here by John O. Corliss.

In the case of the last three persons named above, fuller tributes, with photographs, will be appearing on pages of forthcoming numbers of the Journal of Eukaryotic Microbiology. The eulogies will be prepared by the following Society members: for Professor Grell, by Klaus Heckmann; for Professor Beltrin, by John O. Corliss and Eucario Lopez-Ochoterena; for Dr. Lwoff, by John O. Corliss and Seymour H. Hutner.

John O. Corliss, Chairperson,  
Society's In Memoriam Committee

#### Alfred Richard Loeblich, Jr. 1914-1994

Dr. Alfred R. Loeblich, Jr., passed away at the age of 80 in Los Angeles. Everyone knows of his numerous publications over the past 5 decades, many of them benchmarks, dealing with most microfossil groups. His last papers appeared only last year. He began his career in paleontology with publications on bryozoans, but later switched to foraminifera under the influence of his wife, Helen Tappan. They worked closely together from 1939 to 1994 on micropaleontological topics.

For many years, he was curator of foraminifera at the Smithsonian Institution, where he was instrumental in getting and curating the Cushman foraminiferal collection that so many of us have used. He then took a position with Chevron Research Corporation in southern California, where he was in charge of micropaleontological research for the Chevron group of companies. Later, after retirement from Chevron, he moved with Helen Tappan to UCLA, where he acted as Helen's voluntary teaching assistant in her micropaleontology class.

During all this time, interrupted only by service as a Captain, U. S. Army Field Artillery, in the Pacific Theater, World War II, he continued an enormous output of research, mostly on the systematics of various microfossil groups, in collaboration with Helen.

Al was honored in many ways: Fellow, GSA; Cushman Award; Paleontological Society Medal; and the Raymond C. Moore Medal of the SEPM. In college at Oklahoma, he was elected Phi Beta Kappa.

His books and papers on foraminifera, acritarchs, dinoflagellates, silicoflagellates and ebridians, tintinnids, and calcareous nannofossils, will keep his memory alive for a very, very long time, for many of them will remain indefensible references.

- Jere Lipps, Berkeley, CA, NM

Karl G. Grell 1912-1994

The well-known German protozoologist Karl Grell, Professor Emeritus and former Director of the Zoology Department at Tuebingen University died on October 4, 1994 at the age of 81.

Karl Grell was born on December 28, 1912 in Burg an der Wupper, Germany. In 1934 he began his academic education at the University of Bonn. In 1938 he completed his Ph.D. in Zoology with a thesis on the digestive tract of the scorpionfly *Panorpa communis*. When he unexpectedly saw the then unknown gregarine *Lipocystis polyspora* in the insect's fat body the direction of his future career was determined. During World War II he was ordered to join the fight against Malaria in Southeast Europe, which he definitely thought would be better than to fight against men! After the war he returned to Bonn and started to work on nuclear dimorphism in ciliates. In 1954, with the help of the Rockefeller Foundation, he visited the laboratories of T.M. Sonneborn and L.R. Cleveland. Back in Germany Professor Grell became a coworker of Max Hartmann at the Max-Planck-Institute for Biology in Tuebingen. In 1956 he published the first edition of his book "Protozoologie." The English translation of the 2nd edition appeared in 1973 and is still a classic on karyology, sexual reproduction and protozoan life cycles.

The Society remembers the many spectacular movies he has produced in cooperation with the Institut fuer den Wissenschaftlichen Film in Goettingen, often shown for the first time during international conferences. His contributions to the life cycles of the Foraminifera will be of lasting value as well as his studies on the most primitive metazoan *Trichoplax adhaerens* (Placozoa). From 1959 till 1983 he was co-editor of the "Archiv fuer Protistenkunde," the oldest journal on protists, founded in 1902 by Fritz Schaudinn. For many years he was a member of the International Commission of Protozoology. He was an Honorary Member of our Society and Honorary President of the IX International Congress of Protozoology in Berlin in 1993.

After his retirement he continued a very productive research period on plasmodial protists collected from all over the world. Several unfinished manuscripts were lying on his desk when the great career of a highly respected scientist, well-known beyond his own country, suddenly ended.

- Christian F. Bardele, Tuebingen, Germany

Enrique Beltrin 1903-1994

Enrique Beltrin, born in Mexico City on 26 April 1903, and passing away there, after a protracted illness, on 23 October 1994, will long be remembered by the international biological community for at least four major reasons.

He was an active protozoologist of note, with his laboratory researches and field observations particularly concerned with species found as parasites of humans and other vertebrates in Mexico. Principle protozoan genera involved were *Plasmodium*, *Trypanosoma*, *Leishmania*, *Entamoeba*, *Balantidium*, *Trichomonas*, *Opalina*, and *Isospora*. Professor Beltrin's book on protozoan parasites of man, published in Spanish in 1948, remains a classic in the field. He

received his Ph.D. in 1933, under the inspiring guidance of Gary N. Calkins, Professor of Protozoology at Columbia University, New York City.

He was even more active, if possible, especially in his later years, in the broad area of natural resources and conservation, not only publishing papers and books in those fields but also holding government posts in the area and serving for more than 40 years as the Director del Instituto Mexicano de Recursos Naturales Renovables.

He was a great student of the history of biology and science in general, publishing well over 100 articles on diverse subjects in the field. He also had one of the finest (probably the finest) collection(s) in the world of photographs of biologists of note down through the centuries. His home library of books, monographs, and other publications, especially on protozoological and parasitological topics, was equally impressive.

Finally, he was an influential teacher, publishing books in general biology (as well as on the various topics mentioned above), holding professorships, and inspiring students at all educational levels to become interested in the flora and fauna of their country. Many Mexican biologists today, following his example, are continuing to carry out significant research programs in protozoology, parasitology, ecology, and conservation.

For all such activities -- and others not mentioned above -- Professor Beltrán was honored by countries and organizations the world over. He will be sorely missed but never forgotten, for his kindness as well as for his prodigious scientific output.

- John O. Corliss, Albuquerque, NM.

Andre Lwoff 1902-1994

Andre Lwoff, born near Vichy, France, on 8 May 1902, and passing away in Paris on 30 September 1994, will probably go down in history primarily as a sharer of the 1965 Nobel Prize in Physiology and Medicine for his pioneering work on the genetic code. While properly admiring his creative insights which made such discoveries possible, most of the readers of this Newsletter may persist in remembering Dr. Lwoff mainly as a protozoologist par excellence, a boundlessly energetic young (always!) maverick who put vitamins-and-protozoa on the map and who, simultaneously, produced prodigious monographs (with E. Chatton) on major groups of symbiotic ciliated protozoa. The present note is limited to a brief appreciation of his contributions to protozoology

In 1921, at the tender age of 19, Dr. Lwoff launched his scientific career; and, in 1923, he published his classical paper on establishment of the ciliate *Tetrahymena* in pure (axenic) culture, setting the stage for decades of highly significant researches around the world on this model cell. His pioneering works on the physiology/biochemistry of the flagellate *Crithidia* lay the groundwork for our understanding of the indispensable role of "growth factors" in the metabolism of organisms ranging from bacteria and protists to humans. His laboratories at the Pasteur Institute and, later, at his Cancer Research Institute (just outside Paris) became a Mecca for eager and admiring students from all parts of the globe.

During the (overlapping) period 1927-1950, Lwoff also published an impressive and still ever-useful series of taxonomic papers and monographs with his Maitre Chatton, a brilliant French protistologist primarily interested in protozoan parasites of marine invertebrates. While these great works (including their incomparably superb illustrations) set the highest standards for taxonomic accounts on unicellular protists, they also afforded young André with an opportunity to study phenomena beyond simply cytological/morphological description, such as morphogenesis and the genetic continuity of basal bodies (kinetosomes).

The above account is too brief to serve as a proper tribute to a witty and most charming Frenchman, a giant among intellectuals, a linguist and an artist, and a great scientist who, like Louis Pasteur, 100 years before him, thought first deeply about a problem and then, as a master craftsman, solved it with seeming ease at the laboratory bench.

- John O. Corliss, Albuquerque, NM.

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#### 4) Upcoming Meetings

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Only new items are listed in this Newsletter. A complete listing is available in the Upcoming Meetings section of the ISEP WWW Archive.

Have I missed a meeting of interest? Drop me a line!

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1995.

Vth International Congress of Systematics and Evolutionary Biology, Budapest, Hungary.

R. Colwell  
University of Maryland  
Maryland Biotechnology Institute  
Room 1123-Microbiology Building.  
College Park, MD 20742  
USA.

9-11 March 1995

The German Society for Protozoology, 14th annual meeting.

Delitzsch (near Leipzig), Germany.

Professor Dr. Hans Machemer  
President of the Society  
Fakultaet fuer Biologie  
Ruhr-Universitaet Bochum  
D-44780 BOCHUM  
Germany  
tel: (49) 234 700 4350  
fax: (49) 234 709 4186.

27-30 July 1995.

Society of Protozoologists 48th annual meeting.

University of Alabama.

Harriett E. Smith-Somerville, Local Arrangements  
Dept. of Biological Sciences  
University of Alabama  
Box 870344  
Tuscaloosa, AL 35487-0344  
USA  
tel: (1) 205 348 1830  
fax: (1) 205 348 1786  
email: hsmithso@biology.as.ua.edu

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#### 5) ISEP Membership Form

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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 Tim Littlejohn (tim@bch.umontreal.ca) or Charley O'Kelly (okellyc@bch.umontreal.ca) 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]

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 Jerome J. Motta  
Department of Botany  
University of Maryland  
College Park, MD 20742 USA

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]

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6) Illustrated Guide to the Protozoa - Prepublication Sale  
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ILLUSTRATED GUIDE TO THE PROTOZOA  
2nd Edition  
(including all groups classically considered protozoa)

Editors

John J. Lee, Gordon F. Leedale, David Patterson & Phyllis Bradbury

\*Completely revised and updated by 68 experts in their fields.

\*Expanded coverage (with a goal to mention every valid modern  
genus). Estimated 750 pages.

\*Over 4,200 figures, illustrations, and drawings (more than half  
new).

\*Organized by monophyletic assemblages using latest higher group

taxonomic consensus wherever clear.

\*Easy to use taxonomic keys to each chapter.

\*Glossary explaining all the technical terms used in the book.

\*Organism and subject indices.

\*Desk top published by the Society of Protozoologists to keep costs low and purchase price affordable for students.

Prepublication Sale  
Publication due Fall, 1995

Payment must accompany order. Advance payment will help underwrite costs of publication. Checks payable to "Society of Protozoologists".

Advance Sale Price \$65.00

Offer good only until June 30, 1995 - (Post publication price \$75 - 85.00)

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