

International Association of Aquatic and Marine
Science Libraries and Information Centers

newsletter

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From the President

Now that the full load of routine professional work has re-settled itself upon your shoulders, it's time to reflect on IAMSlic '91.

First, please don't succumb to IAMSlic Conference Syndrome!

In early October, we spend a week with colleagues from all over the world, returning home full of enthusiasm for IAMSlic cooperative projects. Then the reality of daily responsibilities returns and slowly erodes that creative energy.

What should be different this year is that we now have the potential of truly international environment for global communications: the Internet!

If there is a single development which will radically change the way we do business as a professional community it is the emergent international telecommunications network. It is possible for us now to be in regular communication with colleagues world wide.

(Just since Galveston, I have directly communicated across the Internet with Senegal, Kenya, Fiji and Iceland. Our Library is exploring use of the PEACESAT GOES system for direct satellite computer links with the entire Pacific. I have participated in direct live television broadcasts between San Francisco and St Petersburg/ "Leningrad" -- discussing common problems of aquatic pollution.)

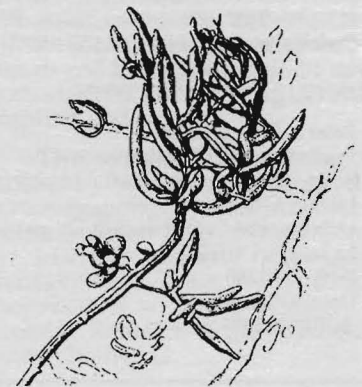
If there is a single overriding imperative for IAMSlic librarians in this era it is total, active immersion in this environment and the mastery of the skills required for Internetworking.

The IAMSlic ad hoc committee formed in Galveston has already undertaken to establish an IAMSlic Conference on the Internet. Already implemented on the Internet are: remote access to catalogs and other databases, document delivery and other forms of high speed file transfer and electronic mail-based reference services. In prospect are far more efficient forms of access to images and sound including satellite imagery, maps and charts, photography and video.

All this in an environment which permits us to distribute the load of services more equitable across the entire network -- avoiding the dilemma of certain libraries acting as disproportionately large "net-lending libraries" or "net-service centers".

Let's get underway!

— Tom Moritz, IAMSlic President



Communications to IAMSlic should be directed to:

Kristen L. Metzger

Harbor Branch Oceanographic Institution
5600 Old Dixie Highway
Ft. Pierce, Florida 34946 USA

REPORT FROM IAMSLIC '91

Several key decisions were made at IAMSLIC '91 in Galveston. (Many of these developments are discussed elsewhere in this Newsletter.)

Regional groups: A West African regional group was recognized comprising IAMSLIC's 4th recognized regional grouping.

"Twinning": a series of policies were approved to make it less costly for individuals and institutions to support memberships for less developed countries. (See below)

Development Committee: An IAMSLIC Development Committee was convened to review and make recommendations for IAMSLIC's financial development.

Internet Committee: an ad hoc committee was convened to explore the possible use of the Internet as a more cost-effective electronic environment for IAMSLIC networking.

Conservation/Preservation Special Interest Group: the convening of a special interest group to focus of conservation and preservation of library materials was proposed.

Some unresolved issues include:

- 1) the creation and distribution (on CD-ROM) of a world union list of aquatic sciences serials (with holdings);
- 2) the development and implementation of an inclusive IAMSLIC resource sharing program;
- 3) increased support and strengthening of the IAMSLIC duplicate exchange program;
- 4) a clearer definition of IAMSLIC's model for development of regional groups;
- 5) selection of a conference site for 1994.

-- Tom Moritz □

The IAMSLIC newsletter is published quarterly; in March, June, September and December.

IAMSLIC assumes no responsibility for the statements and opinions advanced by contributions to IAMSLIC publications. Editorial views do not necessarily represent the official position of the association.

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PROPOSED IAMSLIC "TWINNING" POLICY

To encourage increased membership outside of the developed countries of the world, IAMSLIC Executive Board has established a membership fee based on geographic location of the applicant (individual or institutional) member.

Membership fees for those living in countries other than the developed countries will be \$12.50 for 1991/92, rising to \$17.50 for 1992/93.

Developed countries currently (1991) include USA, Canada, Israel, Japan, Australia, New Zealand, Iceland, Norway, Sweden, Finland, Denmark, Germany, Netherlands, Belgium, Luxembourg, France, United Kingdom, Ireland, Switzerland, Austria, Italy, Spain, Portugal, South Africa, Taiwan, Korea, Saudi Arabia. (This list may be modified by the IAMSLIC Executive Board.)

To further encourage membership outside developing countries, any member may sponsor another by paying the fees to which the recipient would be entitled.

If a member wished to "twin" with a less developed country mem-

ber, he/she may so indicate on the renewal form.

The IAMSLIC Membership Committee (Chairperson: Connie Cooke of the University of Connecticut) will be responsible for pairing members. A minimum, three year commitment to twinning is strongly encouraged (though any support at all will be appreciated). Payment for the three years may be made at one time based on the current year's fee schedule.

Membership fees may be paid by check, money order or credit card.

Those interested in participating should contact:

Connie Cooke
Library
University of Connecticut
at Avery Point
Groton CT 06340 U.S.A.
☎ (203) 445-3427
OMNET: E.Monahan
(ATTN: C. Cooke) □

DON'T FORGET TO RENEW YOUR IAMSLIC MEMBERSHIP

If you check your mailing label, there should be a 92 or greater in the right corner. If it is a 91, it means you have not renewed for the 1991/92 membership year and this is the last IAMSLIC mailing you will receive. For those who still have not renewed, there should also be a Final Renewal Notice accompanying this newsletter. Please send it to me along with your \$25 check.

If you have any questions, I can be reached at:

Joe Wible
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Stanford University
Stanford, CA 94305-5020
(415) 723-1110
wible@krypton.stanford.edu □

DEVELOPMENT COMMITTEE

At the 2nd Executive Board Meeting of the Galveston Conference, I proposed that a "Development Committee" be formed. It is my belief, supported by the Executive Board, that IAMSLIC's continued success as an international association will be determined by its ability to develop substantial support for its programs and projects.

The Committee is charged to make a preliminary report to the IAMSLIC Executive Board within six months on the following issues:

1. To draft a proposed 5 year financial development plan for IAMSLIC.
2. To seek to identify specific public/private sector sources of support for IAMSLIC projects and programs.
3. To explore the creation of an endowment for ongoing support to IAMSLIC.
4. To develop and propose guidelines for use of the Guin Fund.
5. To evaluate the ongoing need for standing "Finance" or "Development" Committee.

Janet Powers of the Shedd Aquarium in Chicago has agreed to chair the Committee. The following IAMSLIC members have agreed to serve on the Committee:

CHAIR: Janet Powers
(Shedd Aquarium)

Sheila Baldrige (MLML)
Kay Hale (RSMAS)
Cecile Thiery (IUCN)
Bridget Turner (ICOD)
Allen Varley (MBAUK)
Carol Winn (WHOI)

-Tom Moritz
President, IAMSLIC □

1991/1992 IAMSLIC OFFICERS

PRESIDENT

Tom Moritz, Academy Librarian
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Golden Gate Park
San Francisco CA 94118 USA
☎ (415) 750-7101
Omnet/Sciencenet: CAS.LIBRARY

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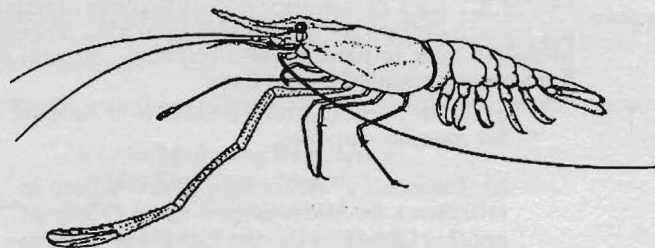
Elizabeth A. Fuseler
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☎ (303) 491-1876
Omnet/Sciencenet: B.FUSELER

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Bibliodata
544 Longspur Loop
Fairbanks AK 99707 USA
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Omnet/Sciencenet: B.GALBRAITH □



SUMMARY OF IAMSLIC BUSINESS MEETINGS

8 & 10 October 1991

MINUTES OF 1990 MEETING

Membership approved a correction to the minutes where Motion 12 and a subsequent comment attributed to P. Brueggeman were actually made by P. Pissierssens (page 9, Business Meeting 2, 4 October 1990). (Secretary incorrectly transcribed names from her notes into the official minutes.)

BYLAWS CORRECTION

Article XV -- Affiliation, Section I, 1) reads "Two-thirds (2/3) of voting members approve;". Discussion focused on the intent of the original writing of this section. Intent was that this should actually read "Two-thirds (2/3) of members voting approve;". This was not an amendment to the Bylaws, but an "editorial change" based on the original intent of authors of the Bylaws, so it was decided that the full membership did not need to vote on this change. Members present at the Conference voted to make this editorial change. A. Coffman will file the corrected bylaws with the State of Oregon where IAMSLIC is chartered.

FEES

Fees, previously discussed, were formalized:

- 1) Student memberships will be 50% of membership fee. Student attendance at the conference will be at the spouse rate to cover meals, registration, and one copy of the proceedings.
- 2) A pricing structure for sale of IAMSLIC's membership and publicity lists to profit and not-for-profit organizations was set:

Not-for-profit	\$0.05/label
	\$0.25/electronic
For-profit	\$1.00/label (stipulation: one time use only--labels cannot be reused or sold); electronic not available

- 3) Memberships for librarians in undeveloped countries:

IAMSLIC has received several applications from librarians in developing countries who cannot pay IAMSLIC's membership fee and from one group that wants to become a Regional Group but the majority of whose proposed members cannot afford to join IAMSLIC. Lack of currency and difficulties in obtaining foreign dollars are the stumbling blocks. We need to decide how to handle these requests. Several options were presented by the Exec:

- a) Guin Fund (currently \$400) is to be used for membership fees;
- b) Establish a "twinning project" where institutions or individuals can "adopt" another library by paying that library's membership fee;
- c) Raise the IAMSLIC dues for all members

to \$35/year, where \$30 will go into the IAMSLIC treasury and \$5 will go into the Guin Fund.

B. Galbraith, Treasurer, pointed out that IAMSLIC has been losing money over the last five years. At the rate we're spending, she predicts IAMSLIC will be broke in 5-7 years. K. Metzger, Newsletter Editor, pointed out that printing and postage costs are on the rise.

- 4) Effective 1 October 1992 IAMSLIC membership will be \$35 with \$5 going to the Guin Fund (used to aid membership for those in undeveloped countries).

- 5) Much discussion followed on how to actually "twin institutions" for the 1991-1992 membership year. The concept was supported by conference attendees and the Exec and CIC were charged with deciding how to administer such a program.

1992 BREMERHAVEN CONFERENCE

No one from Alfred Wegener Institute was able to attend the Galveston conference; however, the Director of AWI has reaffirmed their offer to host IAMSLIC's 1992 conference. E. Einarsson, President-Elect and 1992 Conference Planner, reported that the meeting would be held 5-9 October 1992, in Bremerhaven, Germany, and M. Gomez has begun to reserve hotels.

E. Uhlinger presented a proposal from Anton International Travel for reduced airfares to Germany. Significant fare reductions will be available to IAMSLIC members and their friends/family traveling from non-European cities directly serviced by the airline. (For example, one round-trip supersaver fare, San Francisco to Hamburg, calculated at today's rates, is regularly \$608, but \$480 at the IAMSLIC rate.) This certainly brings the cost of travel to the 1992 conference within the reach of many more members. Discounts for rental cars and Eurail passes can also be negotiated if there is sufficient interest.

[SECRETARIAL NOTE: Details of this program will be available in the March 1992 IAMSLIC Newsletter, or please contact E. Uhlinger for further information.]

INTERNET/OMNET

INTERNET has gone from 1000 nodes to over 4000 networks in only two years. There are more than 60 library catalogs available through the INTERNET. Costs are significantly lower than OMNET's and in most cases are free. An ad-hoc committee was created to explore INTERNET as another official vehicle for IAMSLIC.

ELECTION RESULTS

228 ballots were mailed and 121 valid ballots returned. President-Elect 1993: Beth Fuseler-McDowell. Secretary 1992-1994: Natalie Wiest. p. 5

COMMITTEE REPORTS

All Committee reports were accepted as posted.

PUBLICATIONS:

1) DIRECTORY OF MARINE SCIENCE LIBRARIES AND INFORMATION CENTERS: C. Winn has 66 new entries and 44 corrected entries for the directory in word processing software, not a database. C. Winn is willing to publish this supplement (publication costs to be shared by IAMSLIC and Woods Hole Oceanographic Institution Sea Grant Program). There are only 90 copies remaining of the 600 originally printed. P. Simpson reported that a 300+ member EURASLIC directory, created using CDS/ISIS, is due in November 1991. P. Pissierssens also has a directory in CDS/ISIS. The Publications Committee was charged with investigating ways to merge our directory with others to create one publication that would be available internationally and broadly distributed. IAMSLIC is now aquatic as well as marine, and we need to continue our efforts to

seek more aquatic members.

2) Proceedings: E. Fuseler-McDowell has agreed to do the 1991 proceedings but we need a 1992 editor.

3) Publications Program: People have asked that IAMSLIC consider a publications program--handbooks, annotated bibliographies, etc. and the Publications Committee will investigate and report back to Exec.

NEW MEMBERS

We gained five new members during this conference:

MARTHA ANDREWS, Institute of Arctic & Alpine Research;
AMELIA CHAVEZ DE NISHIKAWA, CICESE;
BETH MCALEER, American Fisheries Society;
ROBYN MCDOWELL, PIMRIS; and
KAY MILLER, Naval Oceanographic Office.

--summarized by Eleanor Uhlinger, Secretary
1989-1991 □

REPORT OF THE DELMARVA MARINE AND AQUATIC SCIENCES LIBRARY AND INFORMATION CENTERS

The third meeting of the DELMARVA group was held at VIMS on Friday November 1, 1991. Gary Anderson, Data Management Specialist at VIMS, spoke on "The fate of research data", addressing the following topics. What happens to data? What should happen to data? Can data sets be cataloged in the same system as bibliographical materials? How do you handle the different "editions" of data as it is taken and improved? Who furnishes meta-data descriptions, explaining the significance of data for retrieval purposes? Next, a panel of four scientists addressed questions about the scientist and the literature. How does the scientist become aware of articles? There was general agreement that there is really no second best to the journal itself. The physical object with its browsability potential is for the most part irreplaceable. Reviewing articles and the contract/grant proposals is a valued and privileged way to beat the publishing delay, though some of this information is confidential. The bibliography is not confidential. Electronic mail is becoming increasingly important in keeping up with the outside world. One senior scientist said that you do not want to keep up too well with what is going on since it can dampen creativity. All agreed that it is necessary to keep up with the literature through a variety of means. Younger scientists have different needs than more experienced ones.

In the afternoon at the business meeting, it was recognized that the

group wished to be considered a regional chapter of IAMSLIC. Its situation does not seem to differ from several informal regional groups that reported to IAMSLIC at Galveston. The submission of this report hopefully constitutes DELMARVA as such a chapter. Also, it was agreed that VIMS pursue a project already started to form a DELMARVA union list of currently received journals. The computer file is to be formed and maintained a la Brueggeman, using records from the various libraries already in machine readable form, e.g. from Faxon invoice diskettes. Though maintained in a Paradox system, the file will be distributed in dBASE and ASCII formats. The fields needed are (ISSN and/or Faxon or Ebsco number) and title (53 characters) and library symbol (OCLC or 4 digit code). The list will help in cancelling and selecting subscriptions.

Alvetta Pindell of the National Agricultural Library will explore the possibility of the next meeting taking place at her institution. Meetings will alternate between Washington and the outposts. With business behind us and our heads full, we wandered over to Jefferson, where the five foot long coelacanth was hauled out of his chemical casket to be shown off. We were also shown several other deep sea specimens, which are probably record sizes for their species. Finally we toured Nunnally Hall, the not-yet-finished fisheries building which will serve as museum for the vast specimen collection. □

CYAMUS REGIONAL GROUP WORKSHOP

March 6-8, 1992 are the dates for the next CYAMUS Regional Group Workshop which will be held in Monterey, California. In the past, these workshops have proven to be a valuable forum for aquatic science information professionals to discuss issues relevant to us all in an informal setting. In the past, discussions have focused on such topics as earthquake preparedness, resource sharing, the use of e-mail, software packages and databases, etc. The agenda is flexible and input is welcomed.

We will be meeting at the Monterey Bay Aquarium and the Hopkins Marine Station and possibly taking a field trip to the University of California, Santa Cruz to see their new science library. Arrangements have been made for an interesting speaker, Milton Love (author of Probably More Than you Want to Know about the Fishes of the Pacific Coast) as well as a group dinner at the Outrigger restaurant on Cannery Row.

The workshop is open to all interested information professionals. If you wish to be included on the mailing list or want more information, please contact:

Fran Wolfe
Monterey Bay Aquarium
886 Cannery Row
Monterey CA 93940-1085 USA
(408) 648-4849
Omnet: MONTEREY.AQUA.LIB □

IAMSLIC AND THE UNITED STATES AS I SAW THEM FOR THE FIRST TIME

by *Dr. Ivan Bukhanevich*

VNIRO Informcenter, Moscow, Russia

In Russia we knew about IAMSLIC from scientific journals and magazines and we perceived that IAMSLIC MEMBERS were working to improve the exchange of information in the field of library science. In our country we also have a sophisticated network of information centers and scientific libraries amassing scientific materials on aquatic and marine sciences, but our collections have not been accessible to the rest of the world for a variety of reasons.

Three years ago, Dr. Robert Freeman, who at that time was with the FAO in Rome, proposed that the VNIRO Informcenter might wish to participate in the IAMSLIC meeting held in Bermuda. I made an attempt to go to Bermuda and another to go to Seattle, but the lack of finances and the bureaucratic barriers were insurmountable.

After that we started to attack the barriers from both sides: Kristen Metzger secured air fare and a per diem from the Soros Foundation and together with Kay Hale they planned my trip, clearing most of the obstacles. They worked very hard in "breaking down barriers to the free flow of information".

As a result, I had my first opportunity to go to America, to see the "new world". Now when my colleagues ask me about this visit, I say: America is a country created by a great hard-working group of people and is a very convenient place to work efficiently and enjoy well deserved leisure. I presume that this is the result of the balancing of three pillars of power: legislative, executive and judicial. The rights of the individual are foremost and this has allowed benevolence, goodwill and an amicable spirit to become the basic features of the American character. I for one was deeply impressed by the readiness of Americans to volunteer in the solution of problems wherever they arise: construction of an orphanage or hospital in my country, medical care in Ethiopian camps for refugees or picking up garbage in the streets of their towns.

At the same time, I am quite sure that America is having her own difficulties: the economy, drugs and crime. But the country is doing the utmost to overcome these problems and the people are dedicated to fixing these problems.

The IAMSLIC conference appeared to be a fine example of organization, management and implementation at the highest level. My first participation in IAMSLIC was very useful and instructive. I perceived a feeling of brotherhood among these information professionals and wished to be a part of it. After reading the article from Kay Hale about the problems at the Kuwait Scientific Library, I sent a cable offering to share our collection of scientific books and publications in English with Kuwait colleagues and to aid them in reconstruction of their library. Kuwait and other Arab countries are near to my heart since I used to work there. I consider this a first step in cooperating with IAMSLIC colleagues in disseminating the scientific information available in Russia.

I would like to invite IAMSLIC members to make use of the VNIRO Informcenter, although we are unfortunately limited by financial barriers. We could possibly work closely with the FAO, the U.S. National Agricultural and NOAA Libraries to facilitate this.

Additionally, we are prepared to arrange scientific tourism in groups or for individuals, to host workshops and seminars not only in Moscow but in other regions of our country and in general, to promote scientific exchange. We sincerely want to become a "newly accessible country" as Sharon Thomson said in her presidential address in March 1990.

Beyond IAMSLIC and professional relationships, I was asked for impressions of my trip from a tourist's point of view.

The U.S. has many more television stations than we have, since we have only five. The engineering is

at the highest level. News reels are very fresh and hot and the commentators are wonderful. Phil Donahue is very popular with us and our commentators try to imitate him. However, there are not enough new films and plays on TV.

The weather in the places I visited reminds me of the southern resorts in Russia during the summer. Generally it is much cooler here and in many regions it is snowing in October. The trees have no leaves, the days are short and the nights are quite long and gloomy. Evidently in the U.S.A. the climate is more favorable and pleasant for living.

So many beautiful and different cars!! No poor roads! The drivers are considerate and observe the rules and accidents are not as frequent as in Moscow. The technical condition of the cars makes me full of envy and service on the road is really impressive. For us, it is only a dream that I hope we will attain someday.

Food is efficiently prepared and nutritious. It is possible to eat quickly for a small amount of money. Sorry, but in Europe and in my country, food is an art. People enjoy eating, cooking (many gargantuan), discussing recipes and the skill of the cook and Americans seem to value the fastness of it. I was surprised by Americans preferring beer to wine. Perhaps it is because of the wide choice of juices and cold drinks, which are not so readily available here.

It was pleasant to see Americans avoiding cigarettes. Most people here smoke like hell, including women and teenagers.

Shops are good, but not different from Europe. Italian and French fashion is more attractive and tempting. For us the most important thing is to buy, while in America, it is to sell ... so come here and you will sell everything at your price and you will do it fast.

The Kennedy Space Center and Disney World are so wonderful! They seem unreal. You have an impression of being inside a film, the reality stays

somewhere behind the barriers and you start believing that miracles are quite close.

NASA is a wonderful result of taxpayer's dollars being used for a good cause. I detected a strong feeling of pride among the American people about their space program.

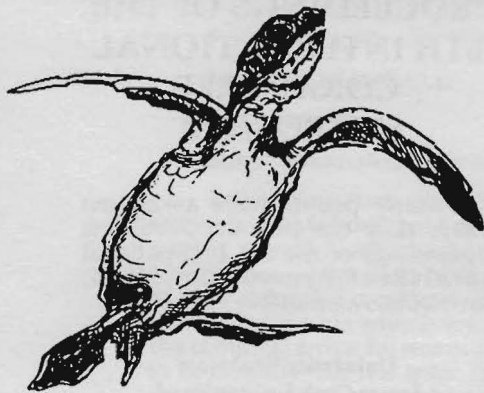
Americans are full of talents in all respects, including arranging trips for tourists. My adventures I shall remember all my life. All of these pleasant impressions and experiences represent a wonderful supplement to the business part of my trip, giving me a trip that was instructive, educational and enjoyable. I hope to have the opportunity to share information about my country with American school children, students and any interested persons.

The American people are the country's greatest attraction and I am happy that I had an opportunity to see the U.S. with my own eyes.

Hi, America!

To all IAMSLIC members: Do not hesitate to contact me:

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17, V. Krasnoselskaya
Moscow, B-140
107140 USSR
FAX: (095) 264-91-87
Cable: 107140 Moscow, Informcenter VNIRO □



THE AMERICAN SOCIETY OF LIMNOLOGY AND OCEANOGRAPHY INVENTORY REDUCTION SALE

Hurry! Deadline is December 31, 1991

The cost of warehousing the backlist of **LIMNOLOGY AND OCEANOGRAPHY** has risen significantly. An audit indicates that many items are overstocked and must be disposed of immediately. Overstocks that remain after 31 December 1991 will be destroyed. Meanwhile, the following overstocked items are available free for the cost of shipping and handling (issues not listed are available at regular prices).

- 1978-1987 Volumes 23-32 (all issues available)
- 1965 Redfield Symposium Supplement to Volume 10
- 1972 Spec. Symposium 1 (Nutrients & Eutrophication)
- 1976 Spec. Symposium 2 (New York Bight)
- 1978 Index Volume 1 (1956-1975)
- 1987 Index Volume 2 (1976-1985)

PREPAYMENT IS REQUIRED

- 1956 Volume 1 (1-4)
- 1958 Volume 3 (2,4)
- 1959 Volume 4 (4)
- 1960 Volume 5 (1)
- 1962 Volume 7 (3,4)
- 1963 Volume 8 (3,4)
- 1964 Volume 9 (2-4)
- 1965 Volume 10 (1-4)
- 1966 Volume 11 (1,3)
- 1967 Volume 12 (1,3,4)
- 1968 Volume 13 (1-4)
- 1969 Volume 14 (3-6)
- 1970 Volume 15 (1,2)
- 1971 Volume 16 (1-6)
- 1972 Volume 17 (1-3,5,6)
- 1973 Volume 18 (1-6)
- 1974 Volume 19 (1,2,4-6)
- 1975 Volume 20 (1,6)
- 1976 Volume 21 (1-6)
- 1977 Volume 22 (1,3-6)

The cost of shipping and handling within the U.S. (shipped to any U.S. zip code) is \$1.50 per item and must be paid by check or money order at the time of ordering. Outside the U.S., the cost is \$2.75 per item and can be paid by check drawn in U.S. funds or by Visa or MasterCard.

To order back issues, please denote

the desired items, multiply the total number by the appropriate shipping and handling cost, and send with your check or money order drawn in U.S. funds (Visa or MasterCard, non-U.S. orders only) to:

Ms. Karen Hickey
Director of Business Operations
American Society of Limnology
and Oceanography
P.O. Box 1897
Lawrence, Kansas 66044 U.S.A.

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PLEASE REIMBURSE POSTAGE COSTS.

Send requests to:

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University of Texas at Austin
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Port Aransas TX 78373-1267 USA □

EURASLIC DIRECTORY

The first *Directory of European Aquatic Sciences Libraries and Information Centres* was published in November 1991. The Directory is a collaborative effort on behalf of EURASLIC, the European Association of Aquatic Sciences Libraries and Information Centres. Established to form a network of European aquatic organizations, EURASLIC has already held three successful meetings in Plymouth, United Kingdom; Paris, France; and Lelystad, Netherlands. It was agreed that the Directory should be the first major collaborative project, and library and information centres have cooperated in its preparation by sending details of their holdings, subjects covered, services and publications. In addition the Directory includes information on the parent organizations, their addresses, telephone, fax and telex numbers. Almost 350 organizations across Europe are included in this first edition, which is arranged alphabetically by organization within each country. There are indexes to organization names and library and information centre staffs.

The information is maintained in a database in Plymouth, and will be updated regularly. Editing was

undertaken by David Moulder of the Plymouth Marine Laboratory and Nicole Momzikoff of the Institut Oceanographique in Paris.

The publication may be obtained from the Institut Oceanographique:

Moulder, D.S., and Momzikoff, N., editors

Directory of European Aquatic Sciences Libraries and Information Centres. Paris, Institut Oceanographique, 1991.

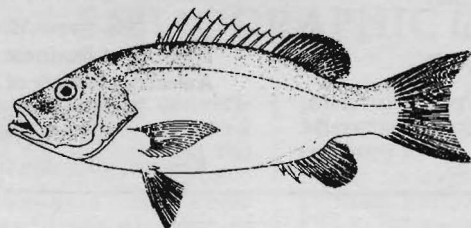
Write to:

Nicole Momzikoff
Institut oceanographique
195 rue Saint Jacques
75005 Paris
France

Price: 120 French Francs (30 US dollars)

IAMSILIC members may purchase a copy at a discount:

100 French Francs (25 US dollars)



RECOMMENDED LIST OF BOOKS AND OTHER INFORMATION RESOURCES FOR ZOO AND AQUARIUM LIBRARIES

This useful reference was just published in its 2nd edition (May 1991). Authored by Kay Kenyon with contributions from Merrill Manke and others, the list is intended as a guide for small and large zoo/aquarium libraries. Entries are arranged under categories like mammals, animal behavior, aquaculture, nutrition, invertebrates, fishes, reference, periodicals, indexes and abstracts, etc. Prices are included when available and the most important books and resources are indicated. Copies are available from:

Smithsonian Institution Libraries
National Zoological Park Branch
Washington DC 20008 USA

CURRENTLY PUBLISHED MARITIME PERIODICALS

In response to the need of maritime school students, researchers and all other personnel who are interested in Maritime Industry literature, librarians at the State University of New York (SUNY) Maritime College compiled a publication entitled: Annotated List of Currently Published Maritime Periodicals (List).

The publication consists of two major sections: 1) Alphabetical title list with annotations. 2) Classified subject list with titles.

By looking at the classified list, a reader can easily identify a group of magazines under a particular subject. A reader wishing to find out more about a specific magazine can simply turn to the alphabetical title list of magazines where one can find basic bibliographic information for each title.

The publication is available at the cost of \$5.00 for shipping and handling from:

Readers' Service Office
Stephen B. Luce Library
SUNY Maritime College
Fort Schuyler
Bronx, New York 10465 USA

Make checks payable to: MCAFSF - Luce Fund.

PROCEEDINGS OF THE 6TH INTERNATIONAL CORAL REEF SYMPOSIUM

Many people have asked me where they can buy the 3 volume Proceedings of the 6th International Coral Reef Symposium, 1988, Townsville, Australia.

University Bookstore
James Cook University of
Queensland,
Townsville Q4811
Australia

Fax (077) 251209

Price is 200.00 Australian dollars.

--Kay Hale

REQUEST FOR PROPOSAL - AUTOMATED LIBRARIAN!

[Editor's note: This appeared on the IAMSLIC bulletin board on Omnet. Since many IAMSLIC members do not have electronic mail, I thought they might enjoy the following.]

Posted: Wed, Nov 20, 1991 10:40 PM EST Msg: CGJB-5006-6517

From: SCRIPPS.LIBRARY

To: iamslic

Subj: automated librarian proposal (wish them luck!)

Following is a solicitation for proposals sent out in the Department of Defense's Program Solicitation 92.1, "FY 1991 Small Business Innovation Research (SBIR) Program." The Department of the Air Force is the agency to whom you will want to reply by January 10. I'm sure many of you will have suggestions!

Peter Brueggeman

AF92-044 TITLE: Automated Librarian

OBJECTIVE: Develop a natural language system capable of performing a fully automated indexing, cataloging and retrieval of free-text document collections.

DESCRIPTION: Subject analysis of free-text documentation in large military databases requires much manual effort and is an information processing and correlation bottleneck. The technical innovation [desired] is to construct a computer process that can accurately identify, summarize, and retrieve the intellectual content of large unconstrained free-text documentation collections. The most desirable goal, and a feasible one, is a system that could fully automate the functions of indexing, catalog summarization, and natural language queries (using example text) which presently can only be performed by a librarian. The system should also autonomously generate a knowledge base established by its own text processing experience. This knowledge base must dynamically adapt to changing natural language patterns facilitating the indexing, cataloging, and retrieval of library holdings. The technology for the system should be based on a combination of signature analysis/statistical techniques similar to those found in natural networks and classic knowledge base expert system techniques. The finished system could be used everywhere the correlation and fusion of text information is an overburdening labor intensive task. D.O.D. examples include Intelligence data handling logistics, and R & D. Other uses include law enforcement, investment banking, and libraries. Phase I of this effort will develop a working prototype demonstrating the feasibility of the automated librarian. Phase II will construct an operational version developed specifically for a selected DOD application. Phase III will pursue commercial applications software for generic library use.

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Posted: Thu, Nov 21, 1991 10:35 AM EST Msg: GGJB-5007-3719

From: A.MACCALL

To: iamslic

Subj: automated librarians

Before you start retraining for a new career, cast your minds back about fifteen years. You may remember that about that time, the U. S. Department of the Air Force developed, at great cost to the taxpayer, a robot named Norman whose function was a lot simpler than the one described in this DoD solicitation. Norman was supposed to deliver the interoffice mail, following a stripe of chemicals painted down the middle of the Pentagon's corridors. But he didn't work too well. He would crash into walls and columns, then sit there grinding his wheels into the linoleum because the janitors kept mopping the hallways and removing the chemical stripe he was supposed to follow. This sounds too much like a parody of modern government to be credible, but it is true: the Air Force was unable to prevail on its janitors to desist from sabotaging its expensive robot because they worked for the General Services Administration and refused to take any orders from the military brass. Defeated by a small band of petty little men with mops, the Air Force retreated, parking Norman in a corner and pulling a dust cover over his stainless steel body. And if you are still worried about the threat to your future posed by bureaucracy's plan to automate language, I suggest you turn for comfort to the Dictionary of Occupational Titles, published by the U. S. Department of Labor, and read the job description under the heading, "Poet." Keep your chins up and your snoots above water.

Gareth Penn □

SEISMIC PROFILES ON PROTOTYPE CD-ROM

The U.S. Geological Survey National Energy Research Seismic Library (NERSL) has produced the first in a series of compact discs containing publicly available multichannel seismic reflection profiles. The first NERSL disc contains three sets of profiles, the largest from the Atlantic outer continental shelf and containing seismic lines from the Georges Bank area down through the Baltimore Canyon Trough. The nine lines from Georges Bank on disc represent only 2285 km out of the total 20,000 km available. Sub-sampled lines from the Baltimore Canyon Trough can be previewed on disc but full resolution data will be included on future NERSL discs. The other two sets of profiles are smaller and cover New Mexico and Montana/Wyoming studies.

The NERSL CD-ROM contains software to display the location and seismic information in either black/white or color (EGA/VGA) on IBM compatible microcomputers; a higher-speed microcomputer is

desirable. Also provided is software to download the SEG-Y format seismic data for further processing. A detailed description of the data and the software is available in USGS Open-File Report 90-699 or in a README file on disc. The NERSL project is primarily designed to offer the geoscientist a low cost method of examining large amounts of seismic information and accessing the actual data set.

NERSL will continue to produce discs of publicly available multichannel seismic reflection data. Future products will include data from the remaining Atlantic Outer Continental Shelf areas, the National Petroleum Reserve Alaska (NPR), and offshore areas along the Pacific coast. To obtain the NERSL prototype disc, contact:

Branch of Petroleum Geology
MS 934
Denver CO 80225 USA
☐ (303)236-5711 ☐

ASFA BACKFILE AVAILABLE ON CD-ROM

Cambridge Scientific Abstracts (CSA) announced the impending release of the Aquatic Sciences and Fisheries Abstracts (ASFA) backfile comprising 1978-1981 on CD-ROM. The backfile will add 90-100,000 records with the initial release having 65-70,000; the disc will be updated at no additional charge. The backfile CD-ROM is due in December and is available on a separate disc priced at US \$695. Contact:

Cambridge Scientific Abstracts
7200 Wisconsin Avenue
Bethesda MD 20814 USA
☐ 800-227-3052
Overseas: 301-961-6700
Fax: 301-961-6720 ☐

IMPORTING ASFA CD-ROM REFERENCES INTO ENDNOTE BIBLIOGRAPHIC DATABASE SOFTWARE

A written protocol for converting ASFA CD-ROM references into a format suitable for import into the EndNote bibliographic database software is available from Peter Brueggeman (address at front of Newsletter). EndNote is a Macintosh bibliographic database software that maintains a personal database and assists with preparation of manuscript in-text citations and bibliography compilation. While a manuscript is being written, EndNote can insert in-text citations into the manuscript. At the conclusion of writing, EndNote can process the in-text citations into preset or customized styles and then compile a bibliography for the end of the manuscript in styles suitable for publication. An IBM version of EndNote was just released and has not been tested yet with ASFA CD-ROM or the ASFA-EndNote conversion protocol.

The ASFA-EndNote conversion

protocol is written for a Macintosh Microsoft Word user with sufficient memory in the Macintosh microcomputer to execute the conversion process. First, the downloaded ASFA CD-ROM references are converted from an IBM ASCII file to a Macintosh ASCII (or text) file. This can be accomplished through several avenues including an intermediary computer. An IBM microcomputer can upload ASFA CD-ROM references to an intermediary computer and a Macintosh microcomputer can then download them. The Scripps Institution of Oceanography Library uses the Central Point Deluxe Option Board (formerly Copy II PC) to accomplish this IBM-to-Mac conversion at the point of use, the CD-ROM workstation. The IBM-to-Mac step of the ASFA-EndNote conversion protocol is written for the Scripps Library environment; other libraries can work this out differently.

After conversion to a Macintosh ASCII or text file, the ASFA CD-ROM references are manipulated using Microsoft Word into a format recognizable by EndNote's importing module, EndLink. EndLink is used to convert the references into the EndNote database format. For further information on EndNote, contact:

Niles & Associates
2000 Hearst Street
Berkeley CA 94709 USA
☐ (510)655-6666
Fax (510)649-8179

The Central Point product and another option for IBM-to-Mac conversion at the CD-ROM workstation is outlined in an article in CD-ROM LIBRARIAN 5(5):34-38, May 1990, entitled "The versatile CD-ROM workstation....". ☐

RLG INTRODUCES DOCUMENT TRANSMISSION SYSTEM FOR THE INTERNET

Available now from the Research Libraries Group (RLG) is Ariel, a new software package that enables fast, reliable, high quality transmission of documents and images over the Internet (a communications network available at many higher-education and research institutions). Using standard PC hardware, Ariel produces images of much greater resolution than FAX machines and, because Internet transmission is often free, at much lower cost.

With an 80386 (or 80286) microcomputer, a scanner, and a laser printer, Ariel software users can scan, store, transmit, and print any material, including photos, drawings, charts, formulae, and tables.

BIBLIOGRAPHIC SOFTWARE REVIEWED

The December 1991 issue of DATABASE (v14n6) contained two review articles on bibliographic database software. "SRS II: bibliographic software for the Macintosh" (Robert Sessions, pp54-56) reviews SRS II which is based on HyperCard. SRS II will create a searchable database by typing or importing downloaded references and output search results in formats acceptable to journal editors. SRS II is simplified compared to Pro-Cite in that it assumes incoming references will be journal article citations while Pro-Cite offers many different formats.

The article is not explicit but SRS II appears to import references downloaded from selected online databases on Dialog, STN, and BRS. "Bibliographic software update" (Gerald Lundeen, pp57-67) reviews askSam, Notebook II, Reference Manager, dms4Cite, Library Master, and Papyrus. This review is a "must read" for anyone interested in bibliographic database software. Pro-Cite and earlier versions of askSam, Notebook, and Reference Manager were reviewed by Lundeen in "Software for managing personal files", DATABASE 12(3):36-48, June 1989. □

Ariel compresses data while scanning, thus speeding transmission and reducing PC storage requirements. A typical page of text takes 10 seconds to scan, less than a minute to transmit, and 20 seconds to print. Over 600 scanned pages can be stored for transmittal.

Ariel software operates on a standalone PC-to-PC system. (Ariel is not related to and works independently of RLIN, the Research Libraries Information Network. Ariel users do not have to be RLIN users in order to use the Ariel software.)

At the core of the system is an 80386 PC (IBM PC/AT or compatible) with an 80 MB hard disk (an 80286 PC with a 30 MB hard disk is adequate but not recommended for high-volume users). Attached to the PC at one end is a scanner, either a Hewlett-Packard ScanJet Plus or a Panasonic FS-RS506. Both provide high, 300 x 300 dots-per-inch resolution as compared to 100 x 200 dpi for most FAX machines. Documents up to 8 1/2" x 14" can be scanned directly without having to be photocopied first. At the other end is a laser printer, an H-P LaserJet II or III, which prints transmitted documents on regular bond paper, a great ad-

vantage over the slippery, awkward paper used in FAX machines. With an appropriate PC FAX card, Ariel can also be adapted to use a FAX machine as a printer, producing images of much greater resolution than usual FAX copies (but of lesser quality than laser-printed copies).

When the system hardware is not actively being used for Ariel functions, it can be used for other independent applications -- like desktop publishing, word processing, scanning, and printing.

Ariel comes in two versions: a complete scan / transmit / receive / print software package (\$479 per copy) and a receive/print-only package (\$249 per copy). Bulk discounts are available.

For more information about Ariel and its hardware requirements, please contact:

Research Libraries Group
Information Center,
1200 Villa St.
Mountain View CA 94041-1100
USA
☎ (415)691-2284
e-mail BL.RIC@RLG.BITNET or
BL.RIC@RLG.STANFORD.EDU □

COLONIAL SEABIRD DESKTOP INFORMATION SYSTEM

An article in the August 1991 issue (pp6-8) of NOAA's EARTH SYSTEM MONITOR described the West Coast of North America Colonial Seabird Desktop Information System. The system operates on a Macintosh and has three main components: data management and query, maps and mapping, and spatial data analysis. Users can define analysis areas for designated species; develop schematic maps and summations by species, month, and area; select combinations of species and attributes for time-series or tabular summaries; and, compute ratios and comparisons for specified sub-areas of previously stored maps. The system

has data sources, life histories, and breeding characteristics. System distribution began in March 1991 to selected state and federal government agencies as well as universities within the study area. For more information, contact:

Tom LaPointe
Strategic Environmental Assessments Division
Office of Ocean Resources Conservation and Assessment
NOAA/NOS N/OMA31
Washington Science Center, Bldg 1
6001 Executive Blvd
Rockville MD 20852 USA
☎ (301)443-0453 □

UPDATE ON INTERNET DOCUMENT TRANSMISSION

The PACS-L electronic conference recently posted an update on Ohio State University's Internet document transmission project for the CIC university libraries (Big Ten universities and the University of Chicago) [initial report in IAMSLIC Newsletter #40, p13]. Academic Computing Services at The Ohio State University is working with image transmission over the Internet. The primary project is developing an Internet/fax gateway for use by libraries as an interlibrary loan delivery mechanism for items such as journal articles. The gateway works in conjunction with an existing fax machine to provide Internet/fax transmission as well as normal telephone fax transmission.

The project goal is to integrate off-the-shelf microcomputer and fax technology with public-domain software and a simple menu-driven user interface for use by non-technical personnel. The gateway is intended to work as a low-cost adjunct to an existing Group 3 fax machine. The fax machine can continue to work over the telephone for deliveries and receipts to and from libraries without Internet gateways. Other library projects, for example, the Research Library Group's ARIEL project [see IAMSLIC Newsletter #40, p13] are involved with complete dedicated higher-end, higher-cost, non-fax workstations with integral printing

and scanning.

A prototype unit with network control and menu-driven user interface software has been developed and tested at three university libraries. Test results have been good and the libraries are routinely using the test units for actual interlibrary loan deliveries. The test sites have successfully used thinnet, standard, and 10baseT twisted pair ethernet for the local Internet connection. Production units are now shipping to the participating university libraries. Because of the low-cost approach, the production units have cost \$2500, complete with all hardware and software installed and tested.

The prototype and test units were based on XT-level (8088/8086) microcomputers equipped with large hard disks, EGA monitors, ethernet (both thinnet and 10 Base T) cards, and fax cards. The software includes KA9Q network software, a toolkit for the fax card, and CIC's control and interface software. A low-end focus was maintained to keep the unit cost as low as possible; equipment is shifting to AT-level (80286) microcomputers with larger hard disks and VGA monitors.

In operation the gateway receives a fax from the local fax machine and stores it on disk. The operator selects the destination

library from the menu and the gateway notifies the destination that a document is available. The destination gateway then queues the document for processing and later retrieves it from the originating gateway. It then queues the document for output on a local fax machine. When the selected fax machine is available, the destination gateway transmits the document. Once the final fax transmission is complete, the destination gateway deletes the document from the originating gateway. The originating gateway then logs the delivery and notifies the operator.

Future plans include image transmission on the Internet, automating addressing through optical character recognition (OCR) or another technology, adding scanners and laser printers as input and output devices, moving toward delivery to the scholar's desk, supporting higher-level technologies such as Group 4 fax, adding a document preview capability without the usual workflow integrations caused by scanner previews, and further tailoring the gateways to better fit into typical interlibrary loan workflow patterns. There may be additional non-library applications for the gateway. Though the current units are tailored for library use, the heart of the unit is a general purpose bi-directional Internet/fax gateway. □

AD-HOC INTERNET COMMITTEE

An Ad-Hoc Internet Committee (AHIC) has formed to explore options available for widespread international access to electronic forums, library catalogs, electronic mail, and other services for IAMSLIC members. The IAMSLIC Executive Board currently uses OMNET as its official electronic mail network and maintains a bulletin board (IAMSLIC) on that network. [EURASLIC also maintains a bulletin board (EURALSIC) on OMNET.] The costs of joining and accessing this private network may be prohibitive to many members of IAMSLIC, particularly those in developing countries. The Internet, an international collection of interconnected computer networks, on the other hand, is usually accessible for no or negligible charges.

The committee's charge is to:

- (1) explore the feasibility of the Internet becoming IAMSLIC's telecommunications/email system of choice (specifically considering costs and ease of access for non-North American/developing countries)
- (2) explore the possibilities & implement if possible an IAMSLIC LISTSERV on the Internet to parallel the IAMSLIC bulletin board on Omnet
- (3) consider the issue of how to best provide "pass through" services between Omnet and Internet (so that IAMSLIC members restricted to one system or the other can receive full benefits)
- (4) determine if funding agencies might provide financial support for this endeavor by IAMSLIC.

Preliminary work has begun to establish an unmoderated Internet IAMSLIC CONFERENCE that will echo discussion taking place on OMNET's IAMSLIC and EURASLIC bulletin boards. A means will be developed to transfer messages between the two systems. The goal of this project is to give the majority of IAMSLIC members access to electronic discussions and information. Once this Internet conference is up and running, specific details about access, sign-on and sign-off will be published in the newsletter.

Please contact Eleanor Uhlinger, AHIC Chair, or any of the Committee members listed below with your suggestions, concerns, and questions or if you wish to participate in the Committee's deliberations. p. 13

(INTERNET COMMITTEE continued from page 12)

CURRENT MEMBERS: Ad-Hoc Internet Committee (AHIC)

ucdbml@ucdavis.edu

Eleanor Uhlinger (Bodega Marine Laboratory)

ucsvax.sdsu.edu!peterp

Peter Pissierssens (RECOSEX)
coleman@uhccux.uhcc.hawaii.edu

Dave Coleman (University of Hawaii)

pbrueggeman@ucsd.edu

Peter Brueggemann (Scripps Institution of Oceanography)

wible@krypton.standord.edu

Joe Wible (Stanford University)
eirikur@hafro.is

Eirikur Einarsson (Marine Research Institute)

[to appoint a European representative] [President-Elect, IAMSLIC]

caslib@cmsa.berkeley.edu

Tom Mortiz (California Academy of Sciences)
[President, IAMSLIC] □

“ In science, by a fiction as remarkable as any to be found in law, what has once been published, even though it be in the Russian language, is spoken of as KNOWN, and it is too often forgotten that the rediscovery in the library may be a more difficult and uncertain process than the first discovery in the laboratory. ”

– Lord Rayleigh

Quoted in: Herschman, Arthur. 1971. Keeping up with what's going on in physics. Physics Today 24(11): 23-29.

[Editor's note: Jim Markham, of the University of California at Santa Barbara, gave a paper at IAMSLIC '91 where he used the above quotation to illustrate the value of databases. Many attendees asked him for a copy of the quotation.] □

CLASS / INTERNET CONNECTION AVAILABLE

CLASS (Cooperative Library Agency for Systems and Services) in San Jose, California has announced the availability of a CLASS Internet connection. This connection is available only for CLASS member libraries in California until early 1992 when the service will be extended to other interested US libraries.

Requirements for CLASS access are:

- CLASS membership
- CLASS/Internet password
- PC w/modem and communications software

A 50% discount on standard fees is available until February 14, 1992, after which standard rates will apply. Those who sign up before February 14, 1992 will receive a 50% savings on their first year's Administrative and Password fees.

CLASS/Internet Rates

	UNTIL FEB. 14, 1992	STANDARD
Administrative fee	\$75/1st year	\$150/year
Additional passwords	\$25 each/year	\$50 each/year
Connect hour charge	\$ 4.50/hour	\$ 4.50/hour

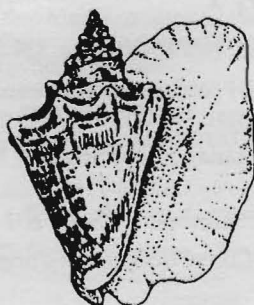
There are no character transmission or file storage charges on Internet. Users will be required to dial into a specified Internet node (currently Oakland, CA and San Diego, CA) and will pay phone charges for those calls (as billed by their local telephone companies).

For more information on this program and CLASS membership, contact:

CLASS Marketing Department
1415 Koll Circle, Suite 101
San Jose CA 95112-4698 USA
☎ (800) 488-4559 or (408) 453-0444
FAX: (408) 453-5379
ONTYME: CLASSHQ □

INTERNET NEWS

DIALOG Information Services will soon be accessible via the INTERNET. Details will be outlined in the December 1991 issue of CHRONOLOG vol. 19, issue 12; or call your local DIALOG Customer Service office for further information. □



IAMSLIC PRESERVATION INTEREST GROUP LENDING LIBRARY AND BIBLIOGRAPHY

The results of a Preservation Survey in Marine Science Libraries were reported at the 1991 IAMSLIC Conference in Galveston Texas by Susan Putnam. In addition to the survey results, an agenda for IAMSLIC to consider was proposed.

Short-term goals include:

- (1) to establish a Preservation Interest Group within IAMSLIC to address preservation issues within marine science libraries.
- (2) to establish a lending library of articles, books, pamphlets of preservation materials and sources for loan to IAMSLIC libraries.
- (3) to create a bibliography of preservation materials available from the Preservation Lending Library and identified in the professional literature.

Preservation Interest Group

Response to the formation of an Interest Group focusing on Preserva-

tion issues within IAMSLIC has been very good, with expressed interest from academic, special, and government librarians. Others are invited and encouraged to join in this effort.

Lending Library and Bibliography

A collection of articles from a Preservation and Conservation course (Northeast Document Conservation Center and Simmons College) will be the beginning of the lending library. Collecting materials for a "lending library" requires help from all the members. This is a CALL FOR PAPERS! If you have preservation articles in your files, and they are no longer needed, please send them to Susan. When enough materials are obtained in a specific subject area (i.e. Disaster Planning) a bibliography will be generated and libraries can obtain materials from the collection. No photocopy fees or postage charges have been discussed, but while the "cost" issues are being worked out by the Interest Group, collection of materials can begin.

Awareness of current preserva-

tion issues in the professional literature will be important, especially if imaging technology becomes an alternative preservation method. This column will list articles of special interest to IAMSLIC as they are identified. Once again, if you read something of interest, send a copy of the article, or at least the citation, for inclusion in our bibliography.

A bibliography of some core materials and selected articles on the most prevalent problems expressed by the survey respondents is included for information. These materials are NOT currently available for loan, but if anyone has a copy to donate to the Preservation Lending Library, please send it to Susan.

For more information or to send articles for the IAMSLIC Preservation Lending Library and Bibliography, please contact:

Susan S. Putnam, Document Librarian

Woods Hole Oceanographic Inst.
Woods Hole MA 02543-1098 USA
☎ (508) 548-1400, ext. 2269
OMNET: S.PUTNAM ☐

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INTERNATIONAL SYMPOSIUM TACKLES TILAPIA FARMING

It may not be your idea of gourmet seafood, but the lowly tilapia is fast becoming one of the developing world's most important farmed food fish.

These hardy African fishes thrive in large or small ponds without costly fertilizers and feeds, so they are highly suited to small-scale farming in tropical developing countries, where growing tilapia has tremendous potential as an inexpensive source of food and income for the rural poor.

But despite its promising features, the widespread adoption of

tilapia farming is hindered by poorly developed technology and research methodology which rely more on tradition than on science.

To discuss these concerns and future research and development strategies for the tilapia industry, over 200 tilapia researchers and culturists from 45 countries will gather this November in Abidjan, Cote d' Ivoire, at the Third International Symposium on Tilapia in Aquaculture (ISTA III).

It will be the first time that a major symposium devoted to the cultured tilapias will be held in Africa - the natural 'home' of the tilapias. The

symposium will provide an opportunity for African aquaculturists to discuss their work and forge links with Asian counterparts. Proceedings will be conducted and published in French and English and will be made available to developing-country scientists and farmers.

The symposium is being organized by the Centre de Recherches Oceanographiques, Abidjan, Cote d' Ivoire, and the International Center for Living Aquatic Resources Management, Manila, Philippines, in cooperation with the Ministry of Scientific Research of the Republic of Cote d' Ivoire. □

CHANGES IN TELEPHONE NUMBERS / E-MAIL ADDRESSES FOR IAMSLIC MEMBERS

- **Eleanor Uhlinger, Bodega Marine Laboratory, is no longer on OMNET, but can be reached via the following networks:**
INTERNET UCDBML@UCDAVIS.EDU
BITNET UCDBML@UCDAVIS
USENET uunet!ucdavis!ucdavis
- **Andrea Coffman, University of Oregon, Ocean and Coastal Law Center, is now on OMNET:**
J.JACOBSEN (ATTN: A. Coffman)
- **Alan Baldridge, Hopkins Marine Station, phone number change, fax remains as printed in 1990-1991 Membership Directory:**
PHONE: (408) 655-6228
- **Dave Coleman, University of Hawaii, Hamilton Library, misprint of e-mail address in 1990-1991 Membership Directory, should read:**
COLEMAN@UHUNIX.UHCC.HAWAII.EDU
- **Florent Diouf, Centre de Recherche Oceanographique Dakar-Thiaboie can be reached on INTERNET:**
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- **Fran Wolfe, Monterey Bay Aquarium, misprint of OMNET e-mail address in 1990-1991 Membership Directory, should read:**
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IAMSLIC COMMITTEES FOR 1991-1992

- **Nominating Committee:**
Annabelle Taylor (NRC-C) [Chair]
Kristen Metzger (HBOI)
Jon Sears (CSA)
[EURASLIC rep] (Pauline?)
- **Bylaws Committee:**
Kay Hale (RSMAS)
Andrea Coffman (Univ. of Oregon)
- **Development Committee:**
Janet Powers (Shedd Aquarium)[CHAIR]
Sheila Baldridge (MLML)
Kay Hale (RSMAS)
Cecile Thiery (IUCN)
Bridget Turner (ICOD)
Allen Varley (MBAUK)
Carol Winn (WHOI)
- **Committee on International Cooperation:**
(TERM# - Expiration date)
Peter Pissiersens (RECOSCIX-WIO, Mombasa) [CHAIR] (1st-1993)
Healthier Cameron (DFO, Ottawa) (1st-1992)
A. Chavez de Nishikawa (CICESE, Ensenada) (1st-1993)
R. McDowell (PIMRIS, Suva) (1st-1993)
Pauline Simpson (IOS, Wormley) (2d-1992)
Carol Watts (NOAA, Washington, D.C.) (2nd-1992)
V. Welborn (UC, Santa Cruz) (1st-1993)
- **Site Selection Committee (for 1994)**
Stephanie Haas (Univ. of Florida) [Chair]
Denis Abbott (CSIRO, Hobart)
[EURASLIC rep] (Pauline?)
Martha Andrews (Univ. of Colorado)
Dave Coleman (Univ. of Hawaii)
- **Ad Hoc Internet Committee**
Eleanor Uhlinger (UCD-BML) [Chair]
[EURASLIC rep] (Eirikur?)
Peter Pissiersens (RECOSCIX-WIO)
Dave Coleman (Univ. of Hawaii)
Peter Brueggeman (Scripps)
Joe Wible (Stanford)
- **Environmental Resources Interest Group**
(Joan Parker has resigned as Chair)
Barbara Butler (CAS) [Chair]

