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Edited by K. M. Urbanska

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INTERNATIONAL ORGANIZATION OF PLANT BIOSYSTEMATISTS

NEWSLETTER No. 9

REAL JARDIN BOTANICO
C.S.I.C.
BIBLIOTECA
ADQUIRIDO EN

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M Tarrellos 22-I-88

Dear IOPB Members,

Here comes a rather fat Newsletter. Thank you all for interesting contributions.

No leading article, no 'Profile of a Lab' in this issue; we had to spare as much place a possible for the IOPB Directory (p. 8-15), and to keep the printing costs under control. Don't be disappointed, you'll find the missing columns in the next issue. Please read carefully your entry in the Directory and report any mistakes to Dr. Liv Borgen (address given on p. 8).
We have our first chromosome number report (p. 4-5); may it become a good tradition for the Newsletter. Please remember that we'd expect other data on genome, too (see p. 7); should you have some, send them to Clive Stace who'll prepare a column for publication.
An important project on Nordic flora has just started (p. 5-6). We'll follow its progress with attention and hope that Bengt Jonsell contributes further information at a later date.
IOPB has a new Vice-President and Council. Cordial congratulations to all the colleagues chosen (p. 7). Please don't forget that your President counts on a close cooperation, and your Editor will be only too happy to publish a lot of information on your respective labs etc. Which of the newly-elected persons will first contribute a 'Profile of Lab': will it be e.g. Maria-Angel (Cardona), or Hardy (Eshbaugh)? What about you, Colin (Webb)? And why not all three of you?
Speaking about various Executive and Council Members: don't forget our Treasurer (p. 8) ..., we do need the membership fees paid on time to publish regularly the Newsletter, so please look up the address of Liv Borgen.
The work of the IOPB Symposium 1989 is well under way (see p. 8). We're looking forward to the First Circular, to appear soon. Thank you for the good news, Shoichi.
The book based upon Invited Papers of the IOPB Symposium 1986 (Zürich) has been published (p. 15). The IOPB Members enjoy a considerable discount; should you be interested, please contact the Academic Press office in London, they already have a full list of Members.
Sad news: David H. Valentine, one of the former IOPB Presidents, passed away (read his obituary on p. 16-17). May he rest in peace.

Data for Newsletter Nr. 10 should arrive here before May 31, 1988.

With the best seasonal greetings

The Editor

NOTE: Please write in capital letters or use typewriter while preparing your 'Research News' sheet for the Newsletter. You don't want to have some words misspelled in print, do you?

2. RESEARCH NEWS

CALERO A., Licenciada, Dpto. Ecologia y Botanica Aplicada, Centro de Investigacion y Tecnologia Agrarias. Apdo. 60, La Laguna. Tenerife, Spain.
Recent publication:
In Press: Reproductive biology of high altitude Canarian flora. OPTIMA.
Projects completed:
Reproductive biology of some Canarian endemic species.
Projects started:
Reproductive biology. Pollination. Island vegetation.

CARDONA A.M., Prof. Dr., Depto. Botanica, Facultat Ciencies. Univ. Autonoma de Barcelona, 08193 Bellaterra (Barcelona), Spain.
Recent publications:
CARDONA M.A., 1986: Ganoderna lucidum nova per a Menorca. Fol.Bot.Misc. 5, 147.
CARDONA M.A., CONTANDRIOPOULOS J. and SIERRA E., 1986: Etude biosystématique. Anthyllis hystrix de Ménorque et A. hermannia de la Méditerranée orientale et centrale. Orsis(Barcelona) 2, 5-25.
Projects completed:
Cytotaxonomic, phylogenetic and paleogeographic study of the endemic plants of the Balearic Islands. A periodical revision of new paleogeographic publications and some chromosome number studies are needed.
Projects started:
Revision of genus Rubia in all the Mediterranean countries. Isoenzymatic study of Pinus halepensis, P. pinea and P. brutia (Mediterranean region) and P. ceciliae endemic of the Balearic Islands.

HECKARD L.R., Dr., Jepson Herbarium, Botany Dept., Univ. of California, Berkeley, CA 94720, USA.
Recent publication:
1986: Systematics and evolution of Cordylanthus. Syst.Bot.Monog. 10. (together with CHUANG T.I.).

PICHI SERMOLLI R.E.G., Prof., FMLS, Via Cantagrilli 1, I-50020 Montagnana Val di Pesa (Firenze), Italia.
Recent publications:
1987:
- Asplenium balearicum Shivas in Sardinia. Boll.Soc.Sarda Sc.Nat. 24, 149-162.
- Reports of the Committee for Pteridophyta and of the Subcommittee for family names of Pteridophyta. Taxon 35, 685-868, 686-691; 36, 70-72.

Projects completed:
- Il contributo degli italiani alla conoscenza delle flore extra-europee (in press).
- Recenti progressi e problemi nelle ricerche pteridologiche (in press).
- A look at the chromosome numbers in the families of Pteridophyta (in press)

PLITMANN U., Prof., Dept. of Botany, The Hebrew Univ., Jerusalem 91904, Israel.
Recent publications:
PLITMANN U., 1986: Alternative modes in dispersal strategies. Proc.Roy. Soc. Edinburgh 89, 193-202.
PAZY B.U. and PLITMANN U., 1987: Persisting demi-bivalents, a unique

meiotic behaviour in Cuscuta babylonica. Genome 29, 63-66.
Projects completed:
- Systematics of species allied to Lathyrus sativus (with C.C. HEYN)
- Reproductive systems in the Polemoniaceae (with D.A. LEVIN).
Projects started:
- Life-cycle adaptive characteristics of local Cuscuta species.
- Cleistogamy and autogamy in annual herbs (legumes, crucifers).

POWELL A.M., Prof., Dept. of Biology, Sul Ross State Univ., Alpine, TX 79832, USA.
Recent publication:
1987: Marama Bean (Tylosema esculentum, Fabaceae) seed crop in Texas. Economic Botany 41(2), 216-220.

QUINN J., Prof., Dept. of Biological Sciences, Rutgers Univ., Piscataway, NJ 08855, USA.
Recent publications:
QUINN J.A., 1987: The relationship between synaptospermy and dioecy in life-history strategies of Buchloe dactyloides (Gramineae). Am.J.Bot. 74.
CHEPLICK G.P. and QUINN J.A., 1986: Self-fertilization in Amphicarpum purshii: Its influence on fitness and variation of progeny from aerial panicles. Am.Midl.Nat. 116, 394-402.
BELL T.J. and QUINN J.A., 1987: Effects of soil moisture and light intensity on the chasmogamous and cleistogamous components of reproductive effort of Dichanthelium clandestinum populations. Can.J.Bot. 65
Projects completed:
Sex linkage and sexual niche-partitioning in Buchloe dactyloides.
Projects started:
Evolution of dioecy and sex determination in Buchloe dactyloides.

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3. CHROMOSOME NUMBER REPORT

by Dr. Matthias BALTISBERGER (MB) and Dr. Walter HUBER (WH), Geobotanisches Institut ETH, Universitätsstrasse 2, CH-8092 Zürich, Switzerland.

Genera and species are arranged alphabetically, the vouchers are deposited in ZT.

Anthyllis vulneraria L.s.l. **2n=12.** Samnaun, ct. GR, Switzerland. WH. 33464, 11184.
Calendula officinalis L. **2n=32.** Botanical Garden. MB. 11205.
Centaurea triumfetti All. (det. G.Wagenitz, Göttingen, W-Germany). **2n=22.**
Tête de Sadour near Mont Mounier, Alpes Maritimes, France. MB and WH. 82/406, 11071.
Geranium subcaulescens L'Hér. (det. P.F.Yeo, Cambridge, UK). **2n=28.**
Near Kataphygion, 35 km W of Katerini, Greece. MB and A.Lenherr. 83/552, 11584.
Plantago major L. **2n=12.** Heiligen Gestade at Lake Ossiach, Kärnten, Austria. E and MB. 11162.
Prunella grandiflora (L.) Scholler. **2n=28.** Near Schuls, ct. GR, Switzerland. MB. 11009, 11203.

Ranunculus friesianus Jord. **2n=14.** Heiligen Gestade at Lake Ossiach, Kärnten, Austria. E and MB. 10994, 11582.

Ranunculus nemorosus DC. **2n=16.** Alp Scharmoin near Valbella, ct. GR, Switzerland. E and MB. 10323, 11167. - Arnihaggen/Höch Gumme, 6 km W of Lungern, ct. OW, Switzerland. MB. 10497, 11168. - Sur En near Schuls, ct. GR, Switzerland. MB. 11010, 11202. - Geissberg near Villingen, ct. AG, Switzerland. MB. 11163. - Near Kandersteg, ct. BE, Switzerland. MB and WH. 11164. - Cortal Pujol, Val de Galbe, 15 km N of Font-Romeu, Dépt. Pyrénées-Orientales, France. E. Hsu. 11166. - Samnaun, ct. GR, Switzerland. MB and WH. 11169. - Hinterer Weissenstein near Solothurn, Jura, ct. SO, Switzerland. WH and G. Meinicke. 33838, 11165.

Ranunculus parnassifolius L. ssp. **parnassifolius. 2n=16.** Serre de Gorre Blanc, 16 km S of Font-Romeu, Dépt. Pyrénées-Orientales, France. E. Hsu. 34307.

Ranuculus polyanthemoides Bor. **2n=16.** Kerecsend, 10 km S of Eger, Hungary. WH. 10588, 11545.

Ranunculus polyanthemos L. **2n=16.** Kamon-Kö' near Szigliget at Lake Balaton, Hungary. WH. 10420, 11580. - Balatonkenese at Lake Balaton, Hungary. WH. 10492, 11581.

Ranunculus pygmaeus Wahlenb. **2n=16.** Hardangerjökulen near Finse, Norway. A.Grünig. - Knutshöa, 4 km E of Kongsvoll, Dovrefjell, Norway. A.Grünig. 11544.

Ranunculus repens L. **2n=32.** Heiligen Gestade at Lake Ossiach, Kärnten, Austria. E and MB. 11583.

Ranunculus seguieri Vill. **2n=16.** Roche Franche at the Reculet, Jura, Dépt. Ain, France. D.Aeschimann and MB. 79/1044, 80/1887, 81/1010. - Montagne Jocou, Dépt. Drôme, France. D.Aeschimann, 23706.

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4. THE FLORA NORDICA PROJECT

a new scientific Flora of Northern European vascular plants

Flora Nordica is a cooperation project started in 1987 with the aim to publish a scientific Flora of the Nordic area (Iceland, Sweden, Finland, Denmark [including the Faeroes, excluding Greenland], and Norway [including Spitsbergen and Jan Mayen]).

Flora Nordica will synthesize present knowledge and point to remaining problems. Typification is important, as well as habitat ecology, and reproduction biology.

Flora Nordica, written in English, will comprise four volumes illustrated with maps and drawings.

The project is partly financed by the Bergius Foundation of the Royal Academy of Sciences in Stockholm. Professor Bengt Jonsell, head of the Foundation, is the main editor of Flora Nordica. The Flora secretariat is in the Bergius Botanic Garden, P.O.Box 50017, S-10405 Stockholm.

The editorial committee represents the five Nordic countries. In each country, a national committee provides contact with botanists and herbaria. A great number of specialists will partake as authors.

The project is to be finished before the year 2000. The first volume will be published in 1991.

The editorial committee and the secretariat will be very happy to receive suggestions, especially names of potential authors and practical hints for secretariat routines.

Organization:
Editorial committee: Bengt Jonsell (main editor); Eythor Einarsson, Iceland; Reidar Elven, Norway; Kai Larsen, Denmark; Örjan Nilsson, Sweden; Pertti Uotila, Finland.
National committees: Iceland: Eythor Einarsson, Reykjavik; Bergthor Johannsson, Reykjavik; Hör ur Kristinsson, Akureyri; Johann Palsson, Reykjavik.
Norway: Reidar Elven, Tromso; Rune Halvorsen Okland, Oslo; Sigmund Sivertsen, Trondheim; Dagfinn Mor, Bergen; Ola Skifte, Tromso.
Denmark: Kai Larsen, Aarhus; Alfred Hansen, Copenhagen; Per Hartvig, Copenhagen; Peter Vestergaard, Copenhagen; Soren Odum, Horsholm.
Sweden: Bengt Jonsell, Bergius Foundation, Stockholm; Örjan Nilsson, Uppsala; Thorsten Elfström, Gothenburg; Stefan Ericsson, Umea, Thomas Karlsson, Lund.
Finland: Pertti Uotila, Helsinki; Tauno Ulvinen, Oulo; Yrjö Mäkinen, Turku; Arto Kurtto, Helsinki.
Working groups:
Adventive plants: Alfred Hansen, Denmark; P.M. Jorgensen, Norway; Thomas Karlsson, Sweden; Johann Palsson, Iceland; Arto Kurtto, Finland.
Chromosome numbers: Liv Borgen, Norway; Simon Laegaard, Denmark; Pertti Uotila, Finland.
Habitat ecology: Peter Vestergaard, Denmark; Rune Halvorsen Okland, Norway.
Secretariat:
Flora Nordica, The Bergius Foundation, P.O.Box 50017, S-10405 Stockholm. Telephone: 08-159647. Administrative secretary: Magdalena Agestam.

Volume 1:
Sequence and family delimitation in accordance with Atlas Florae Europaeae:
Lycopodiaceae, Selaginellaceae, Isoetaceae, Equisetaceae, Ophioglossaceae, Osmundaceae, Cryptogrammaceae, Hypolepidaceae, Hymenophyllaceae, Thelypteridaceae, Aspleniaceae, Athyriaceae, Aspidiaceae, Blechnaceae, Polypodiaceae, Marsileaceae, Pinaceae, Cupressaceae, Taxaceae, Salicaceae, Myricaceae, Juglandaceae, Betulaceae, Corylaceae, Fagaceae, Ulmaceae, Cannabaceae, Urticaceae, Santalaceae, Loranthaceae, Aristolochiaceae, Polygonaceae, Chenopodiaceae, Amaranthaceae, Tetragoniaceae, Portulacaceae, Caryophyllaceae, Nymphaeaceae, Ceratophyllaceae, Ranunculaceae, Berberidaceae, Papaveraceae.

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5. MINUTES OF THE LAST IOPB BUSINESS MEETING

by W.F. Grant

An open Business Meeting of the IOPB was held on July 17, 1987, during the 14th Int. Botanical Congress in Berlin.
The President (Prof. Krystyna M. Urbanska, Geobotanisches Institut ETH, Zürich, Switzerland) welcomed those present. The participants honoured the memory of late Prof. D.H. Valentine, a former IOPB President, by a moment of silence.
Prof. Urbanska reported that a preprint of the book based upon the last IOPB Symposium 'Differentiation Patterns in Higher Plants' (Zürich,

Switzerland, July 13-18, 1986), was on display at the Academic Press book exhibit. According to the publisher, the book (K.M. Urbanska, ed.) would appear by the end of August.

Dr. Liv Borgen, Secretary/Treasurer, reported that the IOPB membership was steadily increasing. Membership fee for the three years 1987-1989 is US Dol. 20.-. Fees of new Members and/or renewals of membership should be sent directly to Dr. Borgen, Botanical Garden and Museum, University of Oslo, Trondheimsveien 23B, N-0562 oslo, Norway.

Prof. K.M. Urbanska, editor of the IOPB Newsletter, said the the issue No. 8 had just been mailed and that anyone with contributions for the Newsletter No. 9 should send them to her before November 30, 1987 (Geobotanisches Institut ETH, Stiftung Rübel, Zürichbergstr. 38, CH-8044 Zürich, Switzerland). Members of IOPB automatically receive the Newsletter.

Dr. Marcia Waterway (McGill University Herbarium), reported on the election of IOPB Vice-President as well as Members to the IOPB Council. The results are as follows: Vice-President (President Elect): Shoichi Kawano; The Executive Member for the 1989 Symposium in Japan: Ichiro Fukuda. The Council: J.F. Bain, Canada; Maria A. Cardona, Spain; Jiakuan Chen, China; H.C.M. den Nijs, The Netherlands; W.H. Eshbaugh, USA; J.R. Estes, USA; B. Jonsell, Sweden; A. Rousi, Finland; C.J. Webb, New Zealand; Judy West, Australia.

A report of the Organizing Committee preparing the IOPB Symposium in Japan was presented by the Chairman, Prof. Shoichi Kawano. The Symposium will be held in Kyoto, July 10-14, 1989. There will be an opportunity for field collecting. The persons interested should contact Prof. S. Kawano, Dept. of Botany, Faculty of Science, Kyoto University, Sakyo-ku, Kyoto 606, Japan.

Prof. W.F. Grant, Past President, asked the new Council members to help gather research news and other information from their country for publishing in the Newsletter. The question of the location for the 1992 Symposium was raised; one suggestion was holding the Symposium in the USA. Dr. Hardy Eshbaugh promised to speak to some American botanists on this subject and to report to the IOPB Executive.

A reminder that Prof. C.A. Stace (Dept. of Botany, Univ. of Leicester, Leicester, LEl 7RH, UK) offered to collect and to compile for the Newsletter data on genome e.g. DNA density measurements, nucleotypic associations, restriction mapping etc. Please send your data to Prof. Stace.

Last year Prof. F. Ehrendorfer (Botanical Institute, Univ. of Vienna) stated the IOPB might sponsor workshops on techniques (e.g. cytology, electrophoresis) and that he would be willing to hold a one-week workshop on cytological techniques at his Institute. Anyone interested should contact Prof. W.F. Grant, who would try to coordinate such a workshop, or Prof. Ehrendorfer directly.

As there was no further business, the President thanked those attending for their participation and expressed her hope to see everyone at the IOPB Symposium in Kyoto.

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6. THE IOPB SYMPOSIUM 1989, JAPAN: NEWS FROM THE ORGANIZING COMMITTEE

The Chairman, Prof. S. Kawano reports:
The IOPB Symposium is scheduled for July 10-14, 1989, and will be held in Kyoto. Its overall topic is 'Biological Approach and Evolutionary Trends in Plants'. Three major sections include: Biology and Evolution of Weeds, Molecular Approaches in Biosystematics, Population Biology and Life History Evolution. Oral presentations will be by invitation only; there also will be poster sessions for the contributions offered.
The Organizing Committee is currently working on the list of Invited Speakers. The First Circular should be printed possibly by February 1988.
The Committee hopes that the broadly defined thema of the Symposium will be of interest to scientists represending diverse fields and approaches, and that the integration of all information gathered will be pertinent to sound biosystematic studies in plants.

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7. OUTSTANDING MEMBERSHIP FEES FOR 1987-1989

Writes Dr. Liv Borgen, Secretary/Treasurer of IOPB, Botanical Garden and Museum, University of Oslo, Trondheimsveien 23B, N-0562 Oslo, Norway:
All the Members who have not yet paid their fees for the period of 1987-1989 (US dol. 20.-) are kindly requested to do so as soon as possible, at the address given above.

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8. THE IOPB DIRECTORY

Individuals (in alphabetical order)

James D. Ackerman, Dept. of Biology, Univ. of Puerto Rico, Rio Pedras, PR 00931, USA
Klaus Adolphi, Kolpingstr. 36, D-5461 Rossbach, W-Germany
David Aeschimann, Conservatoire et Jardin botaniques de la Ville de Genève, case postale 60, CH-1292 Chambésy, Switzerland
Malika Ainouche, Institut des Sciences de la Nature, USTHB, c.p. 39, El-Alia, Bab-Ezzouar, Alger, Algeria
Focke Albers, Botanisches Institut und Bot. Garten der Universität, Schlossgarten 3, D-4400 Münster, W-Germany
S.I. Ali, Dept. of Botany, Univ. of Karachi, Karachi, Pakistan
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Bruno Anzalone, Istituto Botanico, Citta Universitaria, I-00185 Roma, Italy
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G. Baillargeon, Institut de Recherches Biosystématiques, Edifice Saunders, Ferme Experimentelle Centrale, Ottawa, Ont. K1A 0C6, Canada

John F. Bain, Dept. of Plant Science, MacDonald College, Ste. Anne de Bellevue, Quebec, Canada H9X 1C0

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Liv Borgen, Botanical Garden and Museum, Univ. of Oslo, Trondheimsveien 23B, N-0562 Oslo 5, Norway

J.M.G. Bouharmont, Laboratoire de Cytogénétique, Univ. Catholique de Louvain, 4, Place de la Croix-du-Sud, B-1348 Louvain-la-Neuve, Belgium

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Gregory K. Brown, Dept. of Botany, Univ. of Wyoming, Laramie, WY 82071, USA

Leo P. Bruederle, Blueberry/Cranberry Research Center, Cook College, Rutgers, State Univ. of New Jersey, Chatsworth, NJ 08019, USA

Hervé Burdet, Bibliothèque du Jardin Botanique, case postale 60, CH-1292 Chambésy, Switzerland

Karl Peter Buttler, Weberstr. 80, D-6000 Frankfurt 1, W-Germany

Ana Calero, Dpto. Ecologia y Botanica Aplicada, Investigacion y Tecnologia Agrarias, Apdo 60, La Laguna, Tenerife, Canary Islands, Spain

M.A. Cardona, Centro de Botanica, Facultad de Ciences, Univ. Autonoma de Barcelona, 08193 Bellaterra, Barcelona, Spain

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Botanischer Garten und Botanisches Museum Berlin-Dahlem, Bibliothek, Königin-Luise-Strasse 6-8, D-1000 **Berlin** 33, W-Germany
Serials and Exchange, New York Botanical Garden Library, **Bronx**, NY 10458-5126, USA
National Clonal Germplasm Repository, 33447 Peoria Road, **Corvallis**, Oregon 97333, USA
Senckenbergische Bibliothek, Zeitschriftenabteilung/DFG, Bockenheimer Landstr. 134-138, D-6000 **Frankfurt/Main**, W-Germany
General Library, British Museum (Natural History), Cromwell Road, **London** SW7 5BD, UK
Real Jardin Botanico, C.S.I.C., Library, Plaza de Murillo 2, 28014 **Madrid**, Spain
Jardin Botanique National de Belgique, Domaine de Bouchout, B-1860 **Meise**, Belgium
Institut de Botanique, Laboratoire de Phanérogamie, 22, chemin de Chantemerle, CH-2007 **Neuchâtel**, Switzerland
Botanical Garden and Museum, Univ. of Oslo, Library, Trondheimsveien 23B, N-0562 **Oslo** 5, Norway
European Documentation System, Dept. of Botany, Plant Science Laboratories, Univ. of Whiteknights, **Reading** RG6 2AS, UK

University Herbarium, Dept. of Botany, Plant Science Laboratories, Univ. of Whiteknights, **Reading** R6G 2AS, UK
Santa Barbara Botanic Garden, Library, 1212 Mission Canyion Road, **Santa Barbara**, CA 93105, USA
Royal Botanic Gardens, (ODC 499962 ME), Kew, Richmond, **Surrey** TW9 3AE, UK
Royal Botanic Garden and Nat. Herbarium, Library, Birdwood Avenue, **South Yarra**, Vic. 3141, Australia

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9. MEETINGS

1988

September 7-11: An International Symposium on Botany will be held in Lleida, Catalunya (Spain), the birthplace of Pius Font i Quer, to commemorate the first centenary of this distinguished botanist's birth. The Symposium will cover Biosystematics and Botanical geography. The official languages of the Symposium are Catalan, Castilian, English or French. For further information contact Simposi de Botanica Pius Font i Quer, Institut d'Estudis Jlerdencs, Apartat 79, 25080 Lleida (Spain)

August 29 - September 2nd: An International Symposium on Physiological Ecology of Aquatic Plants will be held in celebration of the 25th Anniversary of the Botanical Institute of the University of Aarhus. For further information contact Tom V. Madsen, Botanical Institute, 68 Nordlandsvej, DK-8240 Risskov, Denmark

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10. PUBLISHING NEWS

K.M. Urbanska, ed. 1987: Differentiation Patterns in Higher Plants. Acad. Press, London. 272 pp. (hard cover). US dol. 39.95, pound sterling 22.-. **IOPB Members have a considerable discount.** The persons interested should contact Academic Press Inc.(London), Ltd., 24-28 Oval Road, London NW1 7DX, UK. The publisher has received the complete list of IOPB Members.

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11. REQUESTS FOR MATERIAL AND INFORMATION

CARDONA A.M., Prof. Dr., Depto. Botanica, Facultat Ciencies. Universitat Autonoma de Barcelona, 08193 Bellaterra (Barcelona), Spain, would appreciate fruits or seeds of Rubia and Pinus brutia for caryological studies, and the correspondent herbarium samples from the Mediterranean countries.

HECKARD L.R., Dr., Jepson Herbarium, Botany Dept., Univ. of California, Berkeley, CAL 94720, USA, would appreciate buds of seeds of Orthocarpus from Peru.

LAMBOY W., Dept. of Plant Biology, Univ. of Illinois, 289 Morrill Hall, 505 S. Goodwin Ave, Urbana, ILL 61821, USA., would appreciate seeds and rhizomes of Aster spp. native of Europe and Asia. Rhizomes should be wrapped in damp paper.

LINK D.A., Johannes Gutenberg-Universität Mainz, Institut für Spezielle Botanik und Botanischer Garten, Postfach 3980, Saarstrasse 21, D-6500 Mainz, W-Germany, would appreciate flower samples of Geraniales for a study on nectaries. Only the material preserved in alcohol is suited to this study.

POWELL A.M., Prof., Dept. of Biology, Sul Ross State Univ., Alpine, TX 79832, USA., would appreciate seeds of Tylosema fassoglense in particular, and other Tylosema species including T. esculentum; seeds of Bauhinia petersiana subsp. mucronata and related species.

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12. MISCELLANEOUS NOTES

Professor D.H. Valentine - an appreciation

by David M. Moore, Reading, UK

David Henriques Valentine, who was born in Salford, died in Manchester, England, on 10th April, 1987, aged 75 years. He was educated at Manchester Grammar School and St John's College, Cambridge. During War II he worked for the Ministry of Food, after which he was Professor of Botany in the Universities of Durham (1950-66) and Manchester (1966-79).

I entered Valentine's Department as a raw undergraduate in 1951. Properly in awe of 'the Professor', his kindly, though firm, guidance of us soon became apparent. Through his excellent lectures and on field excursions (always planned to include a stop for a glass of beer) he imparted to us his love for, and knowledge of, the British flora. During our nerve-wracking practical examinations for the final degree, how we appreciated the cherries and strawberries he produced for us in the intervals.

In 1954 I became the 4th of his many graduate students. By that time it had become clear to me how influential he was in the sphere of Biosystematics, which he had helped us to understand. His perceptive studies on Viola and Primula, from which he so generously helped many of us to develop our own research programmes, and, amongst other things, his introduction of the concepts of gradual and abrupt speciation placed him in the forefront of the concepts of European Experimental Taxonomy. Valentine, together with such contemporaries as Böcher, Gregor and Merxmüller, helped counterbalance the great input from the United States, predominantly in California, during the heyday of Biosystematics.

Valentine was an influential force on the Editorial Committee of the Flora Europaea organization and was much involved in the research programme on the arctic-alpine flora of upper Teesdale, in the North Pennines, prior to the intrusion of a dam there. He was President of the IOPB (1974-1981) and held high office in many other organizations.

His many distinctions never detracted from Valentine's empathy with people, especially the young; the 'common touch', as Kipling put it. We, his students, were privileged to have David Valentine as our mentor and friend; we are grateful for his life.

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Change of address:

Leo P. Bruederle, Univ. Bayreuth, W-Germany, is now at Blueberry/Cranberry Research Center, Cook College, Rutgers, State Univ. of New Jersey, Chatsworth, NJ 08019, USA.

Prof. John McNeill, Dept. of Biology, Univ. of Ottawa, Canada, has moved to Edinburgh, Scotland, on September 1st, 1987, in order to take up the position of Regius Keeper of the Royal Botanic Garden, Edinburgh, EH3 5LR Scotland, UK. Telephone 031-552-7171.

J.G. West, Australian National Herbarium, GPO Box 1600, Canberra, ACT 2601, Australia, is based until September 1988 at Kew Gardens: Australian Botanical Liaison Officer, Herbarium, Royal Botanic Gardens, Kew, Richmond, Surrey, TW9 3AB, England.

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PICHI SERMOLLI R.E.G., Prof., FMLS, Via Cantagrilli 1, I-50020 Montagnana Val di Pesa (Firenze), Italia, has retired from the University of Perugia on November 1st, 1987.

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Please write legibly (Typewritten or capital letters)

P E R S O N A L D A T A C O L L E C T I O N

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