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AUSTRALIAN SYSTEMATIC BOTANY SOCIETY

NEWSLETTER

Newsletter No. 6

November 1975

A.S.B.S. Council

- President** Dr. Trevor Whiffin, Department of Botany, La Trobe University, Bundoora, Victoria, 3083.
- Vice-President** Mr. Rod Henderson, Queensland Herbarium, Meiers Road, Indooroopilly, Queensland, 4068.
- Secretary** Mrs. Karen Wilson, National Herbarium, Royal Botanic Gardens, Sydney, NSW, 2000.
- Treasurer** Mr. Mike Lazarides, Herbarium Australiense, C.S.I.R.O., Box 1600, Canberra City, ACT, 2601.
- Councillors** Mr. Jim Armstrong, National Herbarium, Royal Botanic Gardens, Sydney, NSW, 2000.
- Mr. Alex George, Western Australian Herbarium, Department of Agriculture, Jarrah Road, South Perth, Western Australia, 6151.

This publication, the official newsletter of the Society, is produced three times each year and deadlines for copy are 20th February, 20th June and 20th October. The editor is pleased to receive any articles or newsworthy items from any source for incorporation with acknowledgement, in the newsletter.

Please note: Next deadline is 20th February 1976.

Rod Henderson
Editor (address above)

Affiliated Society: Papua New Guinea Botanical Society

The major item in this issue is a copy of the Resolutions presented to and voted on at the closing plenary session of the XIIth International Botanical Congress in Leningrad earlier this year. Dr. L.A.S. Johnson, Director of the NSW National Herbarium, was a member of the Resolutions Committee of 21 international representatives, chaired by Dr. A. Takhtajan of the U.S.S.R., responsible for drawing up the Resolutions. The Committee is to be congratulated on the fruits of its deliberations and it is to be hoped that the nations of the world and their "powers-that-be" take heed.

Let's hope that this is like the glimmer of light at the end of the tunnel - the first, perhaps unsteady, start to truly international cooperation between botanists of the world for the good of botany in and of the entire earth.

Let's have your effort for the next issue of the Newsletter, please.

Rod Henderson
Editor

XII INTERNATIONAL BOTANICAL CONGRESS

Leningrad, USSR, 30 June - 10 July 1975

Information Bulletin No.3, Thursday 10 July 1975

RESOLUTIONS

Submitted to the closing plenary session, 10 July 1975

1. We, the members of the XIIth International Botanical Congress meeting in Leningrad, call upon all nations and their governments to give the highest priority to the production of food and its effective distribution and storage, consistent with the principles of conservation and the need to preserve the genetic diversity of the earth's flora and fauna, to the end that the world's people may be adequately supplied with food now and in the future; and we, the members of the Congress, pledge our individual cooperation in the scientific aspects of this endeavor.
2. This Congress recognizing that all food for man is derived directly or indirectly from the plant world,
 - that the available food resources of the earth are insufficient to provide adequate nourishment for its rapidly expanding population,
 - that prudent land use must be based on rational ecological studies, which require adequate knowledge of the local flora,

- that the flora of many countries is still imperfectly known, that taxonomic handbooks are often lacking, and that competent taxonomic botanists are too few to cope with the tasks and material facing them,
- that a large number of plant species, some of which are yet undescribed or insufficiently known, are threatened by extinction through intensive land use and rapid technological change, and that many of these may be potentially useful for man,

urges all governments, particularly those giving technical assistance to developing countries, to strengthen the training of taxonomic botanists and research in taxonomic botany, so that as much as possible of the richness of our plant world can be explored, saved from extinction where threatened, and utilized for improvements in agriculture, forestry, and rational land use in general.

3. This Congress, recognizing that in many parts of the world man's activities have caused:

1. a substantial decrease in productive natural ecosystems, with an associated loss of non-renewable plant resources;
2. the extinction or severe reduction in the numbers of many plant species; and
3. an increase in the area of man-made wastelands,

bearing in mind that as long as the world's population grows and life-styles change, these trends will continue, resulting in progressive degradation of the vegetational cover of the earth which could lead to instability in the biosphere and ultimately affect adversely man's capacity to produce food and other commodities essential for his existence,

recommends that research be expanded throughout the world:

1. on natural ecosystems and the changes brought about in them by the impact of man;
2. on methods of protecting ecosystems from further degradation by man;
3. on the problems of rehabilitating ecosystems that have already suffered damage where this is desirable in the interests of man's well-being.

4. This Congress, emphasising the ultimate dependence of man on the plant world, noting the increasing speed with which species and ecosystems are still being destroyed by man, urges governments of all countries, particularly those situated in the tropics, to act rapidly and effectively:

1. to conserve wild plants in every way possible by the establishment and maintenance of ecosystem reserves and national parks, by the development of botanic gardens and other plant resource centers and,

2. to instigate and encourage the exploration of and research on the plant resources of the world, upon which future beneficial developments in agriculture, forestry, and other plant usage depend.

5. This Congress, recognizing that only relatively few plant species are used by mankind, calls to the attention of all governments the importance of supporting new or expanded research that would enable man to exploit the productivity of additional plant species from all environments, for example desert and marine plants of potential economic importance which have hitherto been largely ignored.

6. This Congress, aware of the serious threat to the continued survival of many plant species arising from more intensive land use and the expansion and development of agriculture and forestry in all continents, yet deeply conscious of the need to preserve as much as possible the genetic diversity of the plant kingdom for the future economic, cultural and aesthetic benefit of mankind, welcomes the setting up by the International Union for Conservation of Nature and Natural Resources of an International Threatened Plants Committee and pledges support for its work throughout the world.

7. This Congress, mindful of the general lack of understanding on the part of the public of the natural laws governing our biosphere, urges those concerned with curriculum development in schools and universities throughout the world to extend and encourage the study of ecological principles and nature conservation.

8. This Congress resolves that the decisions of the Nomenclature Section with respect to the International Code of Botanical Nomenclature as well as the appointments of the officers of the Nomenclature Committees made by that Section in its plenary meeting of July 4th, 1975, be accepted.

9. This Congress, recognizing the possibility that there may be plants with constituents capable of inhibiting the growth of some kinds of cancer, and knowing that laboratories over the world are conducting a search for such plants, proposes the creation of an international committee to:

1. coordinate the search for anticancer plants so as to prevent duplication of effort;

2. encourage development of standard sampling and testing methods;

3. develop a systematic inventory of plants tested and the resulting data; and

4. promote the exchange of information concerning clinical testing and/or chemical screening.

10. This Congress, recognizing the world wide growth of interest in and research on plant anatomy would welcome the establishment by the International Union of Biological Sciences of an International Association of Plant Anatomists.

11. This Congress, noting the increasing use and need of electronic data processing in storing and retrieving information contained in the plant taxonomic collections of the world, aware of the importance of this information to many disciplines of biology, knowing the complexity of the technology involved, yet anxious that this stored information should be readily available internationally, recommends the setting up of a standing international commission to advise on, coordinate and monitor progress in the introduction and application of electronic data processing in plant taxonomic collections.
12. This Congress urges botanists to make every effort to find and to improve plant species that will be helpful in protecting soils from erosion.
13. This Congress, recognizing that the wild relatives of cultivated plants are an important source of genetic diversity for the continuing improvement of agricultural crops, and that they should be carefully preserved for the future, endorses the steps already taken, or now proposed, to ensure the protection of wild species that are potential donors to the gene pools of plants useful to man, and urges governments to acknowledge the importance of this work and give it every possible support throughout the world.
14. This Congress recommends the setting up of a working group within the framework of the International Union of Biological Sciences to coordinate the methods of phenological research in the different countries of the world, and to promote the exchange of such information among scientists interested in the seasonal rhythms of plants.
15. This Congress, drawing attention to the importance of the history of botany to a comprehensive understanding of our science, suggests to administrators of botanical institutions and organizers of future congresses that due emphasis be placed on this subject.
16. This Congress, recognizing the growth of research on remote sensing of vegetation, and noting the need to coordinate the work in this field, recommends the setting up within the framework of the International Union of Biological Sciences of a working group on remote sensing, the objectives of which would be to promote the exchange of information, to compile reviews of current research, and to discuss problems of the analysis and application of remote-sensing data.
17. This Congress, considering that the production of a comprehensive pan-arctic vascular plant flora is an urgent need, recommends the setting up of an international Committee to examine the feasibility.
18. This Congress, appreciating the admirable organisation of the meetings and having enjoyed the great hospitality extended to its members, warmly thanks the Academy of Sciences of the USSR, the City of Leningrad, the botanists of the USSR and the Organizing Committee for having made this Congress possible and for having so graciously and conspicuously served botany by bringing together so large a number of the botanists of the world to discuss so many aspects of their science in this beautiful city.

Information Bulletin No.2, Monday 7 July 1975

RESOLUTIONS COMMITTEE

TAKHTAJAN, A.,	Chairman (USSR)
STAFLEU, F.,	Executive Committee (Netherlands)
FAEGRI, K.,	President IUBS (Norway)
AYENSU, E.	(Ghana)
GOMEZ-POMPA, A.	(Mexico)
GUINOCHET, M.	(France)
HARA, H.	(Japan)
HASSEL DE MENENDEZ, G.	(Argentina)
HEDBERG, K.	(Sweden)
HESLOP-HARRISON, J.	(UK)
JOHNSON, L.	(Australia)
KASSAS, M.	(Egypt)
KOLESNIKOV, B.	(USSR)
MARTINEZ, R.	(Spain)
MOGGI, G.	(Italy)
RODIN, L.	(USSR)
ROLLINS, R.	(USA)
SYTNIK, K.	(USSR)
TER-AVANESIAN, D.	(USSR)
THAI VAN TRUNG	(Vietnam)
THIMANN, K.	(USA)

NEXT-CONGRESS COMMITTEE

This is a Presidential Committee, established to receive and evaluate invitations for the next Congress. Members are chosen by the President with the advice of the Executive Committee and the Active Vice-Presidents.

The Committee will have to consider all the invitations received and, in particular, to obtain a statement in writing that the Congress will observe the ICSU requirement that all botanists be permitted to participate irrespective of religion, sex, nationality, race or geographic origin.

The composition of the Committee is as follows:

TAKHTAJAN, A.,	Chairman (USSR)	JALAS, J.	(Finland)
CHOUARD, P.	(France)	MEHRA, P.	(India)
COWAN, R.S.	(USA)	STAFLEU, F.	(Netherlands)
EVANS, L.	(Australia)	THIMANN, K.	(USA)
HAGA, T.	(Japan)	ZALENSKY, O.	(USSR)

NOMENCLATURE SECTION INFORMATION

The Nomenclature Section was held 30 June - 2 July 1975 in the Gorky House of Scientists. The sessions were opened by A.L. Takhtajan with Dr. I.A. Linezevski (USSR), President of the Section, in the chair. Vice-Presidents R. Ross (UK) and R. Rollins (USA), Rapporteur-General F.A. Stafleu (Netherlands), E. Voss (USA), Vice-Rapporteur, S. Zhilin (USSR), Secretary of the Section, and S. Czerepanov (USSR), Recorder, have shared the work of the session.

It appears that no major changes will be made in The International Code of Botanical Nomenclature accepted by the XI International Congress in Seattle.

By the end of the sessions, as many as 200 proposals will have been acted upon. Questions concerning orthography and stabilisation of species names by conservation (*sic*) or rejection occupied much of the discussion.

NEWS ITEMS

The date of the next Heads of Herbaria meeting has been fixed for the first week in December. The meeting is to be held in Melbourne and Dr. David Churchill is the Chairman.

Mr. John Parham has resigned from the staff of the Queensland Herbarium to take up an advisory position with the Trustees of the Tasmanian Royal Botanic Gardens, funded by a grant from the A.B.R.S. Interim Council. Tenure of the position is one year. John is to advise on the establishment of an herbarium for Tasmania and reorganisation of existing botanical collections in the State.

Dr. R.E. Holttum of the Royal Botanic Gardens, Kew, England, has recently spent some weeks in Australia en route to the Hawaiian Islands to receive the first Robert Atherton Medal of the Pacific Tropical Botanical Garden, Kauai. Dr. Holttum, though primarily holidaying in Australia with his daughter (in Perth) and sister (in Melbourne) managed a full botanical programme here with a visit to the W.A. Herbarium (to look at fern specimens), delivery of a lecture on fern taxonomy at Melbourne University and a visit to the Queensland Herbarium (for fern specimens). His current major interest is study of ferns for Flora Malesiana which he has been studying almost continuously since his retirement in 1954. He has been working for the past 7-8 years on the Thelypteridaceae.

DONATION

One of our Western Australian members, Mr. R. Aitken of Coolbinia, has very kindly given \$7 to A.S.B.S. to help in production of the Newsletter. Many thanks from the Treasurer and Editor.

A.S.B.S. COUNCIL ELECTIONS: 1976-1977 TERM

In accordance with the Constitution of the Society, nominations are called for all positions on the Council for 1976-77 - President, Vice-president, Secretary, Treasurer and two Councillors. Constitutionally, the President and Vice-president may serve no more than two consecutive terms of office and no member of Council may serve more than four consecutive terms. Dr. Whiffin is thus not eligible for re-election as President.

Each nominee must be proposed by two members and his/her acceptance of nomination must accompany the nomination itself, which should be in the hands of the Secretary, Mrs. Karen Wilson, at the National Herbarium of N.S.W., Royal Botanic Gardens, Sydney, N.S.W. 2000, by 13th February 1976.

Ballot papers will be sent out with the February Newsletter, and results of the election will be announced at the Society's 3rd General Meeting to be held during ANZAAS in Hobart, 10-14 May 1976.

THE USE OF PLASTIC BAGS OVER HERBARIUM SHEETS

Some herbaria cover herbarium sheets with a "flimsy" of lightweight paper. This aids in protecting the specimen and saves some fragments that may become loose or break off. However a flimsy does not give complete protection and fragments are still readily lost from the open ends and side.

We have found that lightweight plastic bags are very useful covers for some specimens. These are a fraction larger than the herbarium sheets and about 2-3 cm longer. The sheet and mounted specimen are inserted in the bag and the end folded over and held with a slide paper clip.

They are very satisfactory for specimens that tend to fragment and lose pieces - particularly grasses like *Stipa* or *Aristida* or for awkward specimens that do not make "tidy" sheets - again some of the bulky grasses. cursory examination can be made through the bag, the labels are clear and the specimens can be removed readily if necessary. We have used an inexpensive commercial line of bags. Their shelf life is not yet known but bags several years old are still in good condition.

D.E. Symon

Waite Agricultural Research Institute

A.S.B.S. LOGO AND LETTERHEAD

As reported in the July Newsletter, Council decided that the Secretary should have a logo and letterhead designed for the Society, with the idea of also using the logo for Newsletter covers and any other publication we might have in the future.

I had four designs drawn up by a member of the staff of NSW who is an ex-commercial artist: one based on the map of Australia, two on Eucalypts and the fourth on *Xanthorrhoea*. Copies were sent to Council members for them to score from one to four in order of preference, with the suggestion that as many members as possible should be consulted to make the result fairly representative without resorting to a very time-consuming general ballot. The need for reasonable speed was twofold: our supply of Newsletter covers was exhausted and so something had to be done in time for the next issue and, despite its being formed over two years ago, the Society still had no official letterhead writing paper.

The poll of Council members was completed on 17th September, with the majority favouring the *Xanthorrhoea* design.

One Chapter complained that it had not been asked to submit designs, but, as stated above, this was because of the time factor. This same Chapter said it considered the *Xanthorrhoea* design was not representative of the wide range of interests of A.S.B.S. members. However, there are several points in its favour: it is a truly Australian plant, readily recognisable as such, and has been studied from many aspects: anatomy,

taxonomy, ecology, algal associations, growth patterns, etc.

The logo has been redrawn and the letterhead designed. Suggestions for other uses will be welcomed. Someone has already suggested A.S.B.S. T-shirts printed with the logo - any takers if this is done?

Karen Wilson
Secretary

CHAPTER NEWS

PERTH

During 1975, meetings have been held at six-week intervals and have alternated between semi-formal lectures and informal round-table discussions, at the W.A. Herbarium and Botany Department in turn. Meetings were as follows:

- | | |
|-------------|--|
| 29 April | Steve Hopper - "Speciation and natural hybridisation in Kangaroo Paws". |
| 10 June | Barbara Powell - "Studies in Myrtaceae - Chamelaucaceae", followed by a discussion on taxonomic problems in Myrtaceae. |
| 22 July | Dr N.H. Brittan - "Palynological approach to taxonomy". |
| 2 September | Discussion of taxonomic problems of lower plant groups. |
| 14 October | Taxonomic studies at the Botany Department, University of Western Australia. |

Perth Chapter Project

The group is undertaking a review of the list of Western Australian rare and endangered species published by Specht *et al.*

A Saturday afternoon "working bee" was organised in the W.A. Herbarium during July, when ten members began examining specimens. Records were made of the species with number of specimens under 20-25, as to whether widespread geographically, + localised or very localised and an observation made on morphological homogeneity or heterogeneity of each specimen.

It will take at least 20 man-days to examine completely the specimens (approximately 160,000) and some time to collate the data. It is proposed to enlist the help of various specialists to check our final lists for

synonymy, etc.

The results so far are extremely interesting, in that more species seem to be more localised than most people believe.

Personalia

Mr. R.D. Royce retired as Curator of the W.A. Herbarium in January 1975 at the end of his long service leave. He and his wife have retired to their farm at Gidgiegannup on the Perth-Toodyay road.

Dr. John Green has been appointed Curator of the Herbarium and Officer in Charge, Botany Branch, Department of Agriculture and took up duties in July. John worked in the Perth Herbarium when it was located in the Old Observatory Building, West Perth. Later he was Lecturer in Botany at University of New England, researcher at F.R.I., Canberra, and then Chairman of Botany Department, Laurentian University at Sudbury, Ontario.

The vacant Ecologist's position has been filled by Dr. R.J. Hnatiuk who will arrive early in 1976.

Field trips

Greg Keighery and Neville Marchant collected in the Neale Junction area north of the Nullarbor Plain, east of Kalgoorlie. This area is noted for its mixed flora with many south-western species mixed with mulga-zone and interior species.

Alex George and Kevin Kenneally studied the biology of the near inaccessible Drysdale River National Park in north Kimberley in August. A detailed report is to be published in 1976. While there, Alex and Andrew Burbidge visited Cape Londonderry (most northerly point of W.A.) to inspect land for a possible wildlife sanctuary. Alex also had a very successful trip in eastern Australia studying Banksias from Mossman (N. Queensland) to Eyre Peninsula (S.A.) in April-May. He hopes to complete his generic revision by the end of 1976.

Request for material

Paul Wilson is revising *Arthrocnemum* and would appreciate material either fresh or pickled in FAA.

Neville Marchant and Alex George
Convenor Councillor

BRISBANE

At the August meeting, Yvonne Brouwer of Queensland University and Trevor Stanley of the Queensland Herbarium were nominated and elected as the organising committee for the Brisbane chapter of A.S.B.S. for 1975/76.

Subject of this meeting was "Some aspects of current research in the Botany Department of the Queensland University" given by Dr. H.T. Clifford's post-graduate students. Bronwyn Ashley spoke on her studies of Cyperaceae with respect especially to ornamentation of the seed and seedling morphology. David Bedford has been studying aspects of *Xanthorrhoea* species in S.E. Queensland. David Hassall is undertaking a cytotaxonomic study of certain taxa of Euphorbiaceae. Rod Henderson outlined his cytotaxonomic researches on *Dianella* in north-eastern Australia. Laurie Jessop showed members how the morphology of Euphorbiaceous seeds varies and spoke on their dispersal mechanisms.

The October meeting was held on 28th. Dr. J. Aberdeen of the Department of Primary Industries spoke on "History and taxonomy of agarics in Queensland".

Field trips etc.

Trevor Clifford returned to Brisbane via Broken Hill after attending a conference on combinatorial mathematics in Adelaide.

Rod Henderson and David Hassall collected cytological material of *Dianella* and *Euphorbia* in a transect of north-western New South Wales and southern Queensland.

Des Boyland and Greg Beeston attended the Chenopod Shrubland Symposium in Deniliquin after a tour of areas from Broken Hill to Mildura and across to Deniliquin.

Membership

The Brisbane branch lost the membership of John Parham. John has resigned from the Queensland Herbarium to take up a position in Tasmania. The branch wishes John every success in his new endeavours.

Trevor Stanley
for the Committee

SYDNEY

Don Blaxell has just returned after his term as Liaison Botanist at Kew.

John Pickard and Surrey Jacobs attended the Chenopod Shrubland Symposium. They spent a week prior to that at Fowlers Gap Research

Station; John Waterhouse was also working there over the same period.

Bob Coveny made a trip to Cape York in September on holiday.

Dr. Wee-Lek Chew has resigned from the National Herbarium of N.S.W. to take up an appointment with the International Union for Conservation of Nature and Natural Resources in Morges, Switzerland, where he will work with Prof. M.E.D. Poore on conservation of ecosystems in South-east Asia and Oceania. He can be contacted at I.U.C.N., P.O. Box 169, Morges 1110, Switzerland.

Karen Wilson and Jim Armstrong
for the Committee

NEWS FROM NEWLY INDEPENDENT PAPUA NEW GUINEA

We bring the unfortunate news that John Womersley, for 29 years the head of the P.N.G. National Herbarium (Lae) and National Botanic Gardens, will be retiring from his post early in the new year. This is a result of the P.N.G. Government policy of transferring authority to P.N.G. nationals. Michael Galore, the present Keeper of the Herbarium, is taking over certain of the administrative duties. Due to budget cuts the previous assistance to visiting overseas botanists and horticulturists will be severely curtailed. John's administrative flair and wide botanical knowledge will be sorely missed and we wish him and his family well in the future.

The first discussion weekend of the P.N.G. Botanical Society held in Lae on October 11th-12th was very successful. Initial participation was 48, dropping to 32 on the final Sunday morning session, with students from the Bulolo Forestry College and the Forestry Department of the University of Technology at Lae making up half the numbers. These numbers were higher than expected and included people from Goroka, Port Moresby, Wau, Bulolo and ANU Canberra, as well as from Lae. The meeting unanimously decided to remain informal with the only "office-bearers" being convenors of forthcoming meetings. Because of expensive travel costs three similar discussion weekends are to be held each year, one on either side of the highlands, in Port Moresby and Lae, and a third, with an emphasis on field activities, farther afield at Bulolo or Goroka. Future meetings are being arranged for Port Moresby in March (Convenors: Camilla Huxley and Abraham Kombi, Biology Department, University P.N.G.) and then again in Lae in May (Convenor: Dr. Julian Evans, Forestry Department, P.N.G. University of Technology, Lae) to coincide with the annual Waigani Seminar; a weekend ecology workshop is scheduled for Bulolo during the September semester break. Anyone interested in attending one of these weekends would be most welcome, especially if they are willing to present a paper of general botanical interest.

The papers presented to the initial meeting were:

"*Phytophthora* in New Guinea" - Dr Frans Arentz, Forests Research, Bulolo.

"Ant plants" - Camilla Huxley, address above.

"Plantations, productivity and prospects" - Dr Julian Evans, address above.

"Autoecology of *Albizia*" - Eric Asari, Forestry College student, Bulolo.

"Plant succession on the dredge tailings at Bulolo" - Winter Moi and Nigel Inu, Forestry College students, Bulolo.

"Height frequency methods for sampling grasslands" - Anthony Galegau, Forestry College student, Bulolo.

"A classification of the montane forests of New Guinea" - Bob Johns, Forestry College, Bulolo.

"Variation with the species - to classify or not to classify" - Bill Barker, National Herbarium, Lae.

"The origins and migrations of the New Guinea mountain flora" - Dr. J. Smith, Geography Department, University of New England.

"The ecology of *Nothofagus* and mixed species forests on S.E. Mt. Giluwe, P.N.G." - Dr. J. Ash, Department Biogeography and Geomorphology, ANU.

Most of the papers will be published in the science journal of University P.N.G., Science in New Guinea.

At present there are three Kew botanists visiting Papua New Guinea. They arrived in August and have already visited the Purari River region (Gulf District) and Mt. Piora near Kainantu in the Eastern Highlands and are currently collecting on the southern half of New Ireland. This region has only partially been botanised and attempts are being made to reach the summits of the island's highest mountains (8,000 - 9,000 ft). Following this they will move on to Manus Island. The three botanists are Martin Sands (Begoniaceae), Jeff Wood (Orchidaceae) and Graham Pattinson (Horticulturist). They have been accompanied by Barry Conn (Purari) and Jim Croft (Piora and New Ireland) of the Lae Herbarium.

Two books have just been published on Mangroves in P.N.G. They are:

"Floristics and ecology of the mangrove vegetation of Papua New Guinea" by M. Percival and J.S. Womersley. (Department of Forests, Division of Botany, Lae, Botany Bulletin No. 8.) Cloth and paperback - cost to be announced.

"Mangroves of the Port Moresby region" by D.G. Frodin, C.R. Huxley, K.N. Kirina and members of the 1974 Natural History of Plants II course, University P.N.G. (University of Papua New Guinea Department of Biology, Occasional Paper No. 3.) Price \$1.00.

Bill and Robyn Barker

OTHER RECENT BOTANICAL PUBLICATIONS OF INTEREST

Flora of New South Wales (National Herbarium of N.S.W.) No. 19. Gramineae: Supplement to Part 1; Part 2, by Dr. J. Vickery, 1975. Part 2 contains Dr. Vickery's account of a further 30 genera and 107 species of N.S.W. grasses. Corrections and additions to the Part 1, published in 1962, are also provided.

Nuytsia: bulletin of the Western Australian Herbarium. Vol.2, No.1, 1975. The whole number is taken up by Paul Wilson's taxonomic revision of *Maireana* (Chenopodiaceae). *Kochia* sens. str. doesn't occur in Australia. All Australian species previously included in *Kochia* have been segregated under the generic name *Maireana*.

Muelleria: an Australian journal of botany (National Herbarium of Victoria). Vol. 3, No.2, 1975. This number, dedicated to Dr. James H. Willis, contains four papers on Australian plants and four on the Lichens of Antarctica. A total of six taxa are described as new and three taxa have had their names changed. A biographical sketch of Dr. Willis is given and four books are reviewed.

Telopea (National Herbarium of N.S.W.). Vol.1, No.1, 1975. This is the new title for *Contributions from N.S.W. National Herbarium*. The first number contains articles on J.A.L. Preiss; new spp. in Proteaceae, *Paspalidium*, *Echinochloa*, Pittosporaceae, *Dodonaea*, *Acacia* and *Olearia*; *Celastrus* and Schlechter's orchid specimens.

AUSTRALIAN SYSTEMATIC BOTANY SOCIETY

NOMINATION PAPER

(a separate nomination paper or a copy of same is required for each candidate)

We, the undersigned members of the Society, desire to nominate

as

President

Vice-president

Secretary

(Please cross out words that
do not apply)

Treasurer

Councillor

on the A.S.B.S. Council for 1976/1977.

Member's signature

Institution or affiliation

I hereby consent to my nomination for the position of

Signed _____

Date _____

