

**VII. THE PROSEA PROGRAMME  
(PLANT RESOURCES OF SOUTH-EAST ASIA)**  
*(continued from page 47)*

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MISCELLANEOUS INFORMATION

On 25 and 26 June 2001 FRIM and PROSEA Country Office Malaysia organised a First National Workshop on Environmental Education (EE) in Forest Recreational Areas. The workshop was attended by 75 participants, most from municipalities and government agencies. The issue is actual because tourism is increasingly shifting towards eco- or nature tourism and Malaysia has a lot to offer in this respect. PROSEA Malaysia could contribute e.g. by institutionalising EE at all levels of education, including teachers training, providing teachers with support material for EE, bringing school and community closer by making them undertake EE activities together and providing basic environmental knowledge to all government agencies, private sectors, general public, and political parties.

Mid 2001, Dr. E. Sukara, Deputy for Natural Sciences for Biology LIPI, succeeded Dr. A. Nontji as Chair of PROSEA's National Steering Committee in Indonesia.

In the Stakeholders Session at the Flora Malesiana Symposium in Sydney, September 2001, Dr. N. Wulijarni-Soetjipto presented a paper entitled 'PROSEA and Flora Malesiana'. She highlighted the PROSEA undertaking and its activities, the importance of FM to PROSEA, what PROSEA expects from FM and proposed some activities that could be considered for collaboration between PROSEA and FM. The FM Board reacted by inviting PROSEA to take seat in the FM Board of Trustees. The seat will be occupied by the Director of the PROSEA Network Office in Bogor, Dr. Made Sri Prana with Wulijarni-Soetjipto as alternate.

Per 1 April 2002, Dr. Made Sri Prana (Indonesia) is the new Director of the PROSEA Network Office in Bogor, succeeding Dr. B. del Rosario (Philippines) (Director until 23 November 2001) and caretaker Director Dr. J. Kartasubrata (23 November 2001 to 1 April 2002), respectively.

PROSEA Indonesia started cooperation with DAFEP (Decentralized Agriculture and Forestry Extension Project) by co-establishing 3 community websites, namely in Magelang (C Java), Bantul and Kulon Progo (Yogyakarta). These websites are linked to each other, to PROSEA and to DAFEP in order to make it possible for farmers to obtain quality information on technology, plant resources, human resources, institutions, and the potency of the regions. If this cooperation becomes a success, development of websites in other Information Stations of Agricultural Extension throughout Indonesia would be encouraged.

Realising the potential of medicinal plants in Philippine health care, the PROSEA Philippines Country Office, in collaboration with a rural non-government organisation, the RED Foundation, published the PROSEA Herbal homepage – an internet based information system on selected promising Philippine species. At present (August 2002) the website features 34 taxa with relevant information. It has the following sections: technocatalogue, enumerating the medicinal plants featured in the site; indications index, highlighting the diseases and ailments dealt with by the plants; and kitchen technology, discussing easy-to-prepare herbal medicine. A team of specialists is carefully guiding the process. The Herbal homepage is part of the PROSEA Philippines homepage which in turn is integral of the PCARRD website: <http://www.pcarrd.dost.gov.ph>

The end of 2002, when the last 3 planned books of the PROSEA series have been published, will also see the end of the PROSEA Publication Office in Wageningen (The Netherlands). All PROSEA activities from 2003 on will take place in SE Asia and will be coordinated by the PROSEA Network in 6 countries, headed by the PROSEA Network Head Office in Bogor (Indonesia). For April 2003, an official PROSEA Board meeting has been planned in Wageningen, where the tasks of PROSEA WAG will be officially handed over to PROSEA Bogor.

The WAG team already made preparations to start up another programme: PROTA – Plant Resources of Tropical Africa. WAG hopes that a database and series of books similar to PROSEA can be prepared in the next 10 years. A first Africa and Europe PROTA Network has been established already. Regional PROTA Offices exist in Burkina Faso, Gabon, Ghana, Madagascar, Malawi, Uganda, and a coordinating PROTA Network Office in Kenya (Nairobi). PROTA Europe Country Offices exist in the Netherlands (Wageningen), United Kingdom (Kew) and France (Montpellier).

In September 2002, an International PROTA Workshop will be held in Nairobi. The workshop is a forum for scientists, policy-makers, and donors, in order:

- to highlight the importance of the Plant Resources of Tropical Africa through Commodity Group Reports, Country Reports, and Plant Resources Reports;
- to review the progress made in the Preparatory Phase 2000–2002 towards international cooperation, the documentation and information system, and the publication of the monographs;
- to make recommendations for the First Implementation Phase 2003–2007 on all aspects of the programme including organisation, manpower, finances, publication policy, and the databank. For up-to-date information see: <http://www.prota.org>

#### NEW PUBLICATIONS

PROSEA 12 (2): **Medicinal and poisonous plants 2**. Editors: J.L.C.H. van Valkenburg (WAG) & N. Bunyaphatsara (Mahidol University, Bangkok, Thailand). Coordinator: J.L.C.H. van Valkenburg (WAG). Hardbound edition: Backhuys Publishers, Leiden, The Netherlands, 2001, 782 pp. ISBN 90-5782-099-4. EUR 159.00. Low-price paperback edition: PROSEA Bogor, Indonesia, 2002, ISBN 979-8316-43-6. USD 23.00.

The second subvolume of the Medicinal and poisonous plants commodity group describes in 171 papers more than 400 SE Asian species, compiled by 72 authors, 60 of which are from SE Asia. The book was officially launched by PROSEA's chairman

Dr. Aprilani in Wageningen on 27 November 2001, at the first Board Meeting of the Multilateral Steering Committee of PROTA (Plant Resources of Tropical Africa), PROSEA's sister programme for tropical Africa. In Bogor, Indonesia, the paperback edition was officially launched on 2 April 2002.

Just as in the first subvolume, information from up-to-date research findings is combined with traditional local knowledge, resulting in a richly documented overview. The introduction (8 pages) deals mainly with some aspects of quality control of herbal drugs, and 4 indexes (compounds, pharmaceutical terms, scientific plant names, vernacular plant names) make the book easy to consult.

**PROSEA 14: Vegetable oils and fats.** Editors: H.A.M. van der Vossen (WAG) & B.E. Umali (UPLB). Coordinators: B.E. Umali (UPLB) & L.P.A. Oyen (WAG). Hardbound edition: Backhuys Publishers, Leiden, The Netherlands, 2001, 229 pp. ISBN 90-5782-095-1. EUR 72.50. Low-price paperback edition: PROSEA Bogor, Indonesia, 2002, ISBN 979-8316-42-8. USD 14.00.

This barrel full of oil wisdom was officially launched also on 27 November 2001 and 2 April 2002 (see above at PROSEA 12 (2)). A book about plants which accumulate oil in their seeds or fruits from which it can be extracted. The role of vegetable oils in the diet of people in SE Asia can hardly be overestimated because oils are two times more efficient as a source of energy than cereals. It is expected that world demand for vegetable oils and fats will grow by 60% in the next 20 years. Especially where oil palm and coconut are concerned SE Asia is the world leader. As soon as the world runs short of fossil oil the importance of vegetable oils and fats might grow beyond imagination. In this book, in addition to a general introduction of 50 pages (from which the above data are cited) and other usual PROSEA chapters, more than 50 species of actual or potential importance for SE Asia have been described by 21 authors, 11 of them from SE Asia, in 16 major and 30 minor species or genus papers.

**PROSEA 15 (1): Cryptogams: Algae.** Editors: W.F. Prud'homme van Reine (L) & G.C. Trono (UPLB). Coordinator: E. Westphal (WAG). Hardbound edition: Backhuys Publishers, Leiden, The Netherlands, 2001, 318 pp. ISBN 90-5782-096-X. EUR 90.00. Low-price paperback edition: PROSEA Bogor, Indonesia, 2002, ISBN 979-8316-41-X. USD 15.00.

This book is without formal distinction of majors and minors as is done in other PROSEA books. A chapter referring to species with other primary use is also missing because algae have been described in this subvolume only and in no other PROSEA book. The volume was also officially launched on 27 November 2001 and 2 April 2002 (see above at PROSEA 12 (2)). A summary of the text of Aprilani at the launching in Wageningen: "Who is afraid of red, yellow, green, and blue-green? Dr. Prud'homme you weren't. In 70 papers, dealing with over 200 species, on about 300 printed pages, you described the fascinating world of the red, brown, green and blue-green algae. You did it together with your co-editor Dr. Trono from the Philippines and 21 authors, 10 of which from SE Asia. Within PROSEA this volume is the first of 3 Cryptogam volumes planned. A water world or better said: a plantlike world in the water, the world of the algae. Only few of us have any idea of the algae – that they are useful as vegetables, as health food, as producers of high quality gels appreciated in the food and other industries, as produc-

ers of medicines, as raw material for animal feed and fertilisers. Too many things to mention. To the audience I can only say: read and enjoy this book. In the first print proof of this book our printer wanted to add other joys, possibly to have it better sold. He changed the title into Cryptograms, one or more ... Dr. Prud'homme, although you had a co-editor, a coordinator and many authors – in this case we know that still a lot of work was left to you. You were the specialist. You had to solve every problem, every cryptogram. And you did it. We are very thankful to you for spending so much time to make this fine book – you had your own work at the University of Leiden that had to progress as well – now you can show your boss, professor Dr. P. Baas, why your regular duties went slower. Thank you very much and congratulations to you and all contributors.”

#### COMMODITY GROUPS PROGRESSES (situation September 2002)

**PROSEA 12 (3): Medicinal and poisonous plants 3.** Editors: R.H.M.J. Lemmens (WAG) & N. Bunyaphatsara (Mahidol University, Bangkok, Thailand). Coordinator: R.H.M.J. Lemmens (WAG).

Work for this third subvolume is coming to its final phase. The book will deal with 540 species in 285 papers. All papers have been edited now, although some are still in one of the additional editorial rounds, some still have to go to the English correction and in many the comments still have to be incorporated. In total 144 papers will be illustrated, 135 drawings are ready. The brief introduction deals with conservation aspects. The book can be expected in print by the end of 2002.

**PROSEA 15 (2): Cryptogams: Ferns and fern allies.** Editors: W. de Winter (WAG) & V.B. Amoroso (Central Mindanao University, Bukidnon, the Philippines). Coordinator: P.C.M. Jansen (WAG).

The total number of papers for this subvolume has been reduced to 55 (including 3 papers on mosses) and editorial work is also coming in its final phase. All papers have had a first editorial round and about 15 still need additional editorial rounds. About 35 drawings are ready. End of May 2002 an editors meeting was held in the Philippines at PCARRD where problems were discussed and final commitments were made concerning the introductory chapter. Although still a lot has to be done, it is planned that the book can go to the printer by the end of 2002.

**PROSEA 15 (3): Cryptogams: Fungi.**

At the PROSEA Workshop in November 1999 in Bogor it has been decided that work on the fungi will not get priority and most probably only will continue after the year 2002.

**PROSEA 17: Fibre plants.** Editors: M. Brink (PROSEA, WAG) & R.P. Escobin (Forest Products Research & Development Institute, College, Laguna, the Philippines). Coordinator: M. Brink (WAG).

Unfortunately Dr. Hasnam (Research and Development Centre for Industrial Crops, Bogor, Indonesia) withdrew as co-editor due to too many other obligations. Fortunately Dr. Escobin from the Philippines was willing to take over the co-editor job. Work for this volume is also coming in its final phase. Of the 45 planned major papers about 40 have been edited and for about 30 the drawings have been prepared. Of the about 150

minor species about 75 have been done. End of October 2002 an editors meeting will be held in WAG to discuss last problems. By the end of 2002, or early 2003, the book will go to the printer.

**PROSEA 20: Ornamental plants.**

At the PROSEA Workshop in November 1999 in Bogor it has been decided that work on the ornamentals will not get priority and most probably only will start after the year 2002.

*Recommended citation of the whole series of PROSEA books:*

Jansen, P.C.M., E. Westphal & N. Wulijarni-Soetjipto (General editors). 1989–2003. Plant Resources of South-East Asia. 19 volumes. PUDOC Scientific Publishers Wageningen, The Netherlands (1989–1994), Backhuys Publishers, Leiden, The Netherlands (1995–2003).

*Website*

For the most actual information, for example on PROSEA books, translations in local SE Asian languages, addresses of country offices (Indonesia, Malaysia, Papua New Guinea, Philippines, Thailand, Vietnam), CD-ROMs and other electronically available texts, derived products, prices, ordering, etc., the following website can be consulted: <http://www.proseanet.org>

**Flora Malesiana**

Series I (Seed Plants) — Volume 14 — 2000

***Myristicaceae* — W.J.J.O. de Wilde**

634 pp., 94 drawings, 9 colour photographs, 6 maps. Paperbound.

ISBN 90-71236-47-1 — Price: EUR 68.00



***The Nutmeg family revised***

*Myristicaceae*, the Nutmeg family, is a medium-sized pantropical family, well represented with six genera and about 350 species in Southeast Asia. In the Malesian area there occur altogether 335 species: *Endocomia* (4), *Gymnacranthera* (6), *Horsfieldia* (97), *Knema* (75), *Myristica* (152), and *Paramyristica* (1). Some are of economic importance, of which the nutmeg (*Myristica fragrans*) is the most famous.

This volume contains an up-to-date overview of this ancient dioecious family, fully treating the Malesian species, of which many are illustrated by line drawings of habit and morphological details, often full-page. Since the species are notoriously difficult to recognise, both general and regional keys have been given, separately for male flowering as well as fruiting specimens. For many species relationships to other species are discussed.

**Orders to be sent to:** Publications Department  
 Nationaal Herbarium Nederland, Universiteit Leiden branch  
 P. O. Box 9514, 2300 RA Leiden, The Netherlands  
 e-mail: [zoelen@nhn.leidenuniv.nl](mailto:zoelen@nhn.leidenuniv.nl)

## Blumea Supplement 14

### Checklist of woody plants of Sulawesi, Indonesia

**P.J.A. Keßler, M.M. Bos, S.E.C. Sierra Daza, A. Kop,  
L.P.M. Willemse, R. Pitopang, S.R. Gradstein**

2002 — 160 pp., with an index of family names and genera

ISBN 90-71236-54-4 — Price EUR 30.00

Published by the Nationaal Herbarium Nederland, Universiteit Leiden branch

With 182,870 km<sup>2</sup>, Sulawesi is one of the major islands of Indonesia, but its woody flora remains poorly explored. Some valuable species lists have been published in the past but these are now outdated and their nomenclature and taxonomy is not fully reliable. The present checklist of just over 1800 tree species from Sulawesi is based on the screening of more than 120 woody families, comprising c. 13,000 herbarium specimens, housed in the Leiden University branch of the Nationaal Herbarium Nederland (L). All label data were entered in BRAHMS (Botanical Research and Herbarium Management Systems), and the hardcopy was prepared from the resulting specimen database. The following format is adopted throughout the checklist:

ACERACEAE (Family name in alphabetical order)

ACER (Genus name in alphabetical order)

**Acer laurinum** Hassk. (Scientific name in alphabetical order)

Vernacular name(s) — Dogo (Central Sulawesi)

Sulawesi distribution — North (S. Utara) Central (S. Tengah), South (S. Selatan), and South-East (S. Tenggara) (Distribution in Sulawesi on old province level)

Lore Lindu National Park & environs — present (Recorded for Lore Lindu National Park and environs; the area comprises the coordinates 119° 30' E – 120° 50' E and 2° 00' S – 0° 30' S)

Altitude — 750–2550 m

Collection(s) — De Vogel 2341; Keßler PK 2005; Ramadhanil 503, 607 (all collections present at L)

The database proper comprises many more detailed fields. In a later stage a searchable website on the internet is envisaged.

Special attention is given to the distribution of the plant species within the island and its former four provinces. This book will help botanists, ecologists, and other interested students, especially in the field of conservation and environment to cope with the basic information on woody species in Sulawesi. This checklist has been produced to support especially the work of local universities, institutes, and international projects that are in urgent need of plant diversity information.

*Orders to be sent to:* Publications Department  
Nationaal Herbarium Nederland, Universiteit Leiden branch  
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