



QUANDONG

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SEPTEMBER 1977

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Newsletter of **WANS** the West Australian Nutgrowing Society

NEXT MEETING

The next meeting of the Society will be held at the RAOB HALL, 227 Onslow Road, Shenton Park, on

FRIDAY NOVEMBER 18 AT 7.30pm

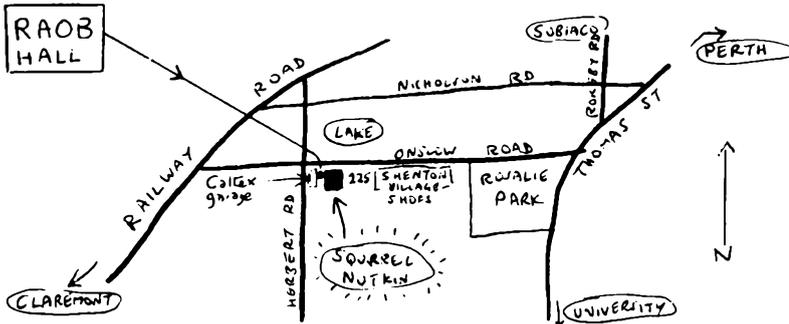
The RAOB Hall is next door to the Society's Squirrel Nutkin shop (see map below). The meeting of the Society will follow immediately on that of members of the WANSCO Co-operative, which is announced in the WANSCO Supplement contained within. WANS members who are not shareholders in WANSCO may attend the Co-op's meeting, but cannot vote.

The Society's meeting will include a short A.G.M., followed by a meeting and demonstration of

GRAFTING & BUDDING

It is hoped that several qualified and/or experienced grafters will be present to demonstrate the different methods available. Members are invited to bring along their own plants for grafting, together with freshly-collected scion wood (from a tree producing desirable nuts), preferably wrapped in moist newspaper. No success can be guaranteed. Almonds are reasonably easy graft specimens, and macadamias are exceedingly hard (the scion wood usually needs chincuring 3-4 weeks before grafting is attempted).

Any last-minute changes to the meeting details will be posted on the door of SQUIRREL NUTKIN if necessary. Interested non-members may attend the meeting.



QUANDONG

is edited by David Noel and is the Official Newsletter of the

WEST AUSTRALIAN NUTGROWING SOCIETY

WANS

PO Box 27 Subiaco WA 6008

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BOARD OF DIRECTORS OF THE SOCIETY

Peter Good (President), 3414741; Paul Sinclair (Vice-President), 3866519; Mrs Carolyn Blackwell (Secretary-Treasurer), Lot 9, Spring Road, Roleystone 6111, tel.3975036; David Noel (Publications Editor), 98 Herbert Rd, Shenton Park, 3811139; Edmund Czechowski, PO Box 12, Wanneroo 6065, 4476071.

CONVENORS

CASHEWS - Derek White, PO Box 249, Kununurra 6743
INVESTMENT & TAXATION - Edmund Czechowski, PO Box 12, Wanneroo
LITTLE-KNOWN NUTS - David Noel (3811139)
MARKETING - John Mercer, 45 Bridgewater Drive Kallaroo (4016031)
NUTRITION - Alex Sas, 52 Croydon Rd Roleystone (3250101 xt 2155)
TASMANIA - Bill Mollison, 316a Strickland Ave, South Hobart
TREE SUPPLY - Tim Lynn-Robinson (4011852) SEED - M. Mirkovic, PO Box 69
West Perth WA 6005

SOCIETY PUBLICATIONS

WANS publishes a newsletter QUANDONG 3-4 times a year, devoted to news of meetings and events, details of tree and seed sources, notes on books and leaflets about nuts, reprinted short articles about nuts, and other items of interest. The major publication is the annual WANS YEARBOOK, which contains articles drawn from Australia and overseas, covering any aspect of nut horticulture and production, and is regarded as an important research journal in this area.

Members subscribe for the Calendar Year, and receive one copy of all Society publications issued in that year as a subscription benefit.

BACK NUMBERS

WANS began publishing in 1975. Back sets of 1975 publications (3 issues of Quandong and the 1975 Yearbook) are available still to members at a cost of \$6.00. Contact the Secretary for back numbers. The cost of a set of 1976 publications (same as subscription) is \$8.00.

MEMBERSHIP DETAILS

Any person or organization interested in the growing or production of nuts may apply for membership. Members are welcomed from outside Western Australia and overseas, as well as in W.A. Write to P.O. Box 27, Subiaco, W.A. 6008, Australia, or to the Secretary as above.

wansco

Members of the Society own a co-operative, West Australian Nut Supplies Co-operative Limited, a legally registered Co-operative Company set up to buy and sell nuts and nut products. Shares in the WANSKO co-operative are sold only to WANS members, each of whom is entitled by the Articles to apply for and hold between 10 and 100 shares of \$1.00 each. Members wishing to acquire WANSKO shares (currently available at par, i.e. \$1.00 each) should write to WANSKO Secretary and Director, Edmund Czechowski, at PO Box 12, Wanneroo, W.A. 6065. WANSKO will always endeavour to sell nuts produced by members, or supply nuts needed by members. Enquiries on buying or selling nuts should be directed to 'Squirrel Nutkin', 225 Onslow Road, Shenton Park, W.A. 6008 (Telephone (09)-3818656).

TRAVELS WITH TIM — Pt. 6 (CONCLUSION)

TIM LYNN-ROBINSON

..... Merbein Research Station just out of Mildura in Victoria. Here we were introduced to Mr. Don Maggs, who told us the story of the pistachio, which, along with the walnut, is a very ancient nut tree crop. Mr Maggs published a very worthwhile article on the pistachio in the 1975 WANS Yearbook. As his story unfolded, I began to think that here was one nut tree that I had forgotten about, and that should be added to my list as pretty suitable for W.A. There is no doubt that it is one of the hardiest, droughtwise, of all the nut trees, and this was brought home to me when Don Maggs showed me where they were growing their seedlings. The patch of ground given over for this research was one that was not thought suitable for any other crop, hard, clayey rough stuff, but the little seedlings were doing fine. We tasted the salted roasted nuts from the previous year's crop, and I would say that it was next to, if not equivalent to, cashew in flavour. They are brined and roasted in the shells; these open naturally at harvest time and leave the kernel easily extracted. With kindness and good management, the pistachio is a very high-producing tree. Don Maggs offered us any assistance we needed, and the visit and the film shown to us were well worth while.

Summary and Conclusions

Success of a nut enterprise in Western Australia will depend largely on : (1) careful assessment of growing conditions (soil, water, climate); (2) selection and evaluation of varieties best suited to Western Australia; (3) financial resources to cater for size of planting envisaged (don't overplant); (4) grower ability to raise his own seedlings and do his own grafting; (5) consistent management (rather than good one month and neglect the next).

There is no doubt in my mind that we can grow nuts in Western Australia and that processing will become available as crop size increases, provided we grow a high quality, well-graded product. This will enable us to compete with overseas imports from producers who at present have the advantage of years of experience, and in many cases, of cheaper labour.

* * * * *

JOJOBA INFORMATION

QUANGDONG has received a letter from John E. Beggs of CSIRO Division of Plant Industry (PO Box 1600, Canberra City, ACT 2601), asking for certain information on Jojoba. John says that CSIRO have been studying the growth and development of jojoba in the Canberra Phytotron (an area in which plants can be grown under rigidly controlled conditions of heat, illumination, etc.). They are anxious to hear from growers with experience of performance of jojoba in the field. They are especially interested in observations of sensitivity to frost at time of establishment and flowering. Frost can seriously reduce yield of jojoba, although established bushes generally recover. John would also like to know of any recent plantings of jojoba in W.A. Any member with information, please write to John direct.

IN A NUTSHELL (No. 12)

The coconut has every claim to be the most useful plant known to man. Every part of the plant may be used. The milk inside the nut makes a good drink, the nut meat is eaten and used to produce oil, the shells are used as containers and as fuel, the husk yields coir for yarn and mats. The flowers are tapped to yield sugar and an alcoholic drink, the tree trunks and leaves are used in building. The growing plant tip (the coconut 'cabbage') can be cut and eaten. It is said human habitation of Pacific islands would be impossible under natural conditions without the coconut.

NUT SOCIETIES ACTIVE

The following Table of Contents is from the 67th Annual Report of the Northern Nut Growers Association, dated 1976. The NNGA is the premier nutgrowing organization in the world. Its address is 4518 Holston Hills Rd, Knoxville, Tennessee 31914, U.S.A. (\$9 per year).

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IN A NUTSHELL (No. 13)

The origin of the coconut is shrouded in mystery. It has no close relatives (other palms classed under *Cocos* in earlier times have since been removed as their similarity was found to be only superficial). Its closest cousins are *Jubaea*, found only in Chile, *Jubaeopsis*, found only in the Natal of South Africa, and a fossil species from New Zealand. All are only about an inch across. No full-size fossil coconuts are known to exist. The modern coconut may have existed for only ten or twenty thousand years. It has been claimed that human life was only possible on the Pacific islands because of the coconut. How tempting to speculate, that the coconut was made by some alien genetic engineer, to help humanity. Nuts of the Gods?

wansco supplement

CHRISTMAS PREZZY

All WANSCO Shareholders registered as at November 30, 1977 will be entitled to a FREE CHRISTMAS PACKAGE of nut products. This package can be picked at at Squirrel Nutkin on or after December 7, and there will be a range of packages scaled according to the NUMBER OF SHARES the member holds. Shareholders living outside W.A., and other shareholders who notify Squirrel Nutkin that they will not be able to have the package picked up, may have their goodies sent through the mail.

* * * * *

NUT-RUNNER AHOY

Squirrel Nutkin has started up a "NUT-RUNNER SCHEME" to reach a wider local market. The scheme offers a discount to people working in an office, factory, or other group for collecting up orders from their friends and workmates and making a combined purchase at the Squirrel Nutkin shop. The rules are, only one Nut-Runner per office etc., and orders must be saved up till they reach a minimum of \$10.00 (this does not apply to WANS members, they get discount on any purchase). By distributing the nuts at the full price to their colleagues, the Nut-runners make a little money, and also provide a popular service, especially around Christmas time.

* * * * *

SHAREHOLDERS' AGM

This is an exceptionally long issue of the WANSCO supplement as it carries the Notification of Annual Meeting of Shareholders and the previous year's balance sheet. WANSCO is a Limited Company incorporated under the Companies (Co-operative, Act, and these audited figures are required by this Act. Formal announcement of the meeting is given below. The meeting is immediately before that of the West Australian Nut-growing Society as outlined on page 1 of the issue of the Supplement, to which this forms a supplement. Overleaf is a Proxy Form which must be completed by any shareholder who wishes to appoint someone else to vote on his behalf. A photocopy or typed form with the same wording as overleaf can be used. See you at the Meeting!

WEST AUSTRALIAN NUT SUPPLIES CO-OPERATIVE LIMITED

Notice is hereby given that the FIRST ANNUAL GENERAL MEETING of Shareholders will be held at RAOB Hall, 227 Onslow Road, Shenton Park, Western Australia on Friday November 18, 1977 at 6:45 pm.

BUSINESS

1. To receive and consider the balance sheet and profit and loss statement and the reports of the Directors and of the Auditor in respect of the period ended 30th June 1977.
2. To appoint an Auditor and fix his remuneration.
Mr. C.Hunter has been nominated for the position of Auditor by Mr. E.Czechowski. The nomination having been accepted Mr. C.Hunter is eligible and offers himself for appointment.
3. To consider any other business that may lawfully be brought forward.

BY ORDER OF THE BOARD

E. CZECHOWSKI Secretary
Perth 4th October 1977.

PROXY FORM

I/We
of

being a member/members of
WEST AUSTRALIAN NUT SUPPLIES CO-OPERATIVE LIMITED

hereby appoint
of

(or failing him)
of

as my/our proxy to vote for me/us and on my/out behalf
at the Annual Meeting of the Company to be held on the
Eighteenth day of November 1977, and at any adjournment
thereof.

As witness my/our hand/s this day of
. 1977.

Signed by the said:
.

in the presence of:
.

NOTE: To be received at P.O. Box 27, Subiaco, W.A. 6008
not later than 24 hours before the commencement of the
meeting.

WEST AUSTRALIAN NUT SUPPLIES

CO-OPERATIVE LIMITED

FINANCIAL STATEMENTS

FOR THE

PERIOD ENDED 30TH JUNE 1977

WEST AUSTRALIAN NUT SUPPLIES CO-OPERATIVE LIMITED

SOURCE AND APPLICATION OF FUNDS STATEMENT
for the Period ended 30th. June 1977

Funds become available from	£
Shares issued	2,385
Provision for depreciation of fixed assets	10
Increase in creditors	175
Loan - shareholder	<u>500</u>
	<u>3,070</u>

These funds were used for

Trading loss	632
Formation costs of co-operative	200
Increase in trading stocks	1,160
Increase in debtors	274
Increase in cash at bank	522
Deposit at call	9
Purchase plant	95
Purchase fixtures and fittings	<u>176</u>
	<u>3,070</u>

West Australian Nut Supplies Co-operative Limited

Balance Sheet as at 30th. June 1977

AUTHORISED CAPITAL

20,000 ORDINARY SHARES OF £1.00 20,000

ISSUED & PAID UP CAPITAL

2,385 ORDINARY SHARES OF £1.00 2,385

REVENUE RESERVES

ACCUMULATED LOSSES 632

TOTAL CAPITAL & RESERVES 1,553

Represented by:

CURRENT ASSETS

CASH AT BANK 522

DEBTORS 274

DEPOSIT AT CALL 9

STOCK AT COST 1,160

1,965

FIXED ASSETS AT COST

FIXTURES & FITTINGS 178

Less PROVISION FOR DEPRECIATION (5)

PLANT 95

Less PROVISION FOR DEPRECIATION (5)

263

TOTAL ASSETS 2,228

Less CURRENT LIABILITIES

CREDITORS 175

LOAN-SHAREHOLDER 500

TOTAL LIABILITIES 675

NET ASSETS 1,553

West Australian Nut Suppliers Co-operative Limited

Profit and loss Statement for the Period ended
30th. June 1977

<u>Turnover</u>	£
Nuts and associated products	<u>2,864</u>
<u>Income</u>	
Gross profit from trading	<u>693</u>
<u>Less: Expenses incurred in the operation of the business</u>	
Wages	606
Rent	240
Depreciation of fixed assets	10
Printing, stationery and postages	161
Repairs and maintenance	25
All other expenses	<u>283</u>
	<u>1,325</u>
Net loss incurred	<u>632</u>
Trading bonus for Members	Nil
Dividends declared	Nil

West Australian Nut Supplies Co-operative Limited

Statement of significant Accounting Policies

(a) Companies (Co-operative) Act

The company is incorporated under the Companies (Co-operative) Act 1943-1959 and as such is bound by the disclosure requirements of that Act. However, an endeavour has been made to comply with the more important aspects of the uniform companies act where those do not conflict.

(b) Depreciation of fixed assets

Depreciation is provided on a reducing balance basis so as to write off the cost of each asset over its anticipated useful life.

(c) Tax effect accounting

The company has not adopted the concept of tax effect accounting. However, the estimated future tax benefits have been calculated at 30th. June 1977 and appear in Note 2.

Notes to and forming part of the Accounts

1. Issued and paid up capital

2,365 ordinary shares of \$1.00 fully paid have been issued since the incorporation of the company.

2. Tax Provisions

Loss for period

632

Based on present income tax rates of 46% if the company had adopted tax effect accounting the future income tax benefit would amount to:

291

3. Co-operative figures

The company was incorporated on the 27th. July 1976 and has not traded for a full year. Accordingly, no comparative figures are available.

4. Directors' emoluments

The directors have not received any payment for services.

5. Auditor's remuneration

The auditor has not received any remuneration for services. The auditor has not received any other benefit.

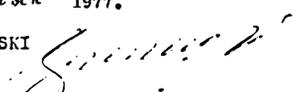
Secretary's Certificate

I, EDMUND CZECHOWSKI, Secretary of West Australian Nut Supplies Co-operative Limited, hereby certify:

That the returns and accumulated profits and losses appearing in the business, that the foregoing Balance Sheet and Profit and Loss Statement are, to the best of my knowledge and belief, true in every particular.

That the names, addresses and occupations of persons who are Directors of this company are:
Edmund Czechowski, Duncraig, Accountant; and
David Geoffrey Noel, Shenton Park, System Designer and Nutgrower.

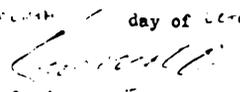
Dated at Perth in the State of Western Australia this 26th day of October 1977.

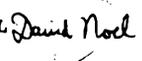
E. CZECHOWSKI 

Directors' Certificate

We, EDMUND CZECHOWSKI and DAVID GEOFFREY NOEL, being two of the Directors of West Australian Nut Supplies Co-operative Limited, do hereby certify that, in our opinion, the Balance Sheet appearing here is true and correct and is properly drawn up so as to exhibit a correct view of the Company's affairs.

Dated this 26th day of October 1977.

E. CZECHOWSKI 

D.G. NOEL 

Auditor's Report

I report that I have examined the books and accounts of West Australian Nut Supplies Co-operative Limited and have obtained all the information and explanations I have required and that in my opinion:

1. The foregoing Balance Sheet is properly drawn up and exhibits a true and correct view of the state of the Company's affairs as at the 30th June 1977, and the accompanying Profit and Loss Statement is properly drawn up so as to exhibit a true and correct view of the results of the business for the period ended 30th June 1977, according to the best of my information and the explanations given to me, and as shown by the books of the Company.
2. Having regard to the nature of the business, sufficient provision has been made for Depreciation.
3. The register of Members, and other records which the Company is, by the Companies (Co-operative) Act, 1943-1959, and amendments, or by its Articles, required to keep, have been properly kept.

C. HUNTER
PUBLIC ACCOUNTANT
PERTH, W.A. 4th October 1977

NUTS ARE FOR EATING

One of the ways in which modern society has become poorer than those of earlier days is in the treatment and attitudes towards nuts. Our society, and by that is meant so-called Western Civilization, has suffered a profound loss in this regard, and, worse still has not even realized its loss.

The truth is, that nuts were a much more ordinary part of what people ate in Victorian Britain and in the centuries which preceded it, and the same was true in the rest of Europe and America. Instead of being relegated to snacks and cake decorations, nuts were routinely used in soups, patés, salads, stews, meat loaves, bread, and cakes, and eaten with vegetables, rice, pasta, and potatoes. Nuts were even used in tea, wine, and liqueurs; they were as common an ingredient in the kitchen as onions are today.

Nut growing is an ancient occupation which has achieved a revival and a new, expanded purpose in recent times, and it looks as if nut eating may also come into its own again with this revolution. To help it along, the WANSO Co-operative has published SQUIRREL NUTKIN'S FIRST RECIPE BOOK, a little collection of uncommon nut dishes of every type. The recipes were collected by Marlene Noel. The booklet is on sale at the Squirrel Nutkin shop at 45 cents; members who cannot reach the shop can obtain 2 copies of the recipes by sending a \$1 note to P.O. Box 27, Subiaco, WA 6008, in an envelope marked 'recipe book'.

Also on sale at the shop are two other nut recipe books. One is a hardbound, 248 page book by Morton Gill Clerk, 'A World of Nut Recipes' (around \$4.70). The second is a 128-page, spiral-bound work put out by the Oregon Filbert Commission, 'A Treasury of Prize-Winning Filbert Recipes' (around \$3.00). Also on order is a macadamia recipe book from the California Macadamia Society.

Marlene is now on the lookout for more recipes for a second book. If you are willing to share your favourite nut recipes with others, please write them down and send or bring them to her, care of 225, Onslow Road, Shenton Park WA 6008. Please say if you do not want your name published if the recipe is used.

David Noel would like to obtain a good electric typewriter (preferably of the golf-ball type), either on long loan or at a cheap price, to set up QUANDONG and for other Society uses. If you can help, please contact him on 811139, 818656, or via the shop or post office box addresses given above.

BOOKSHOP SERVICE

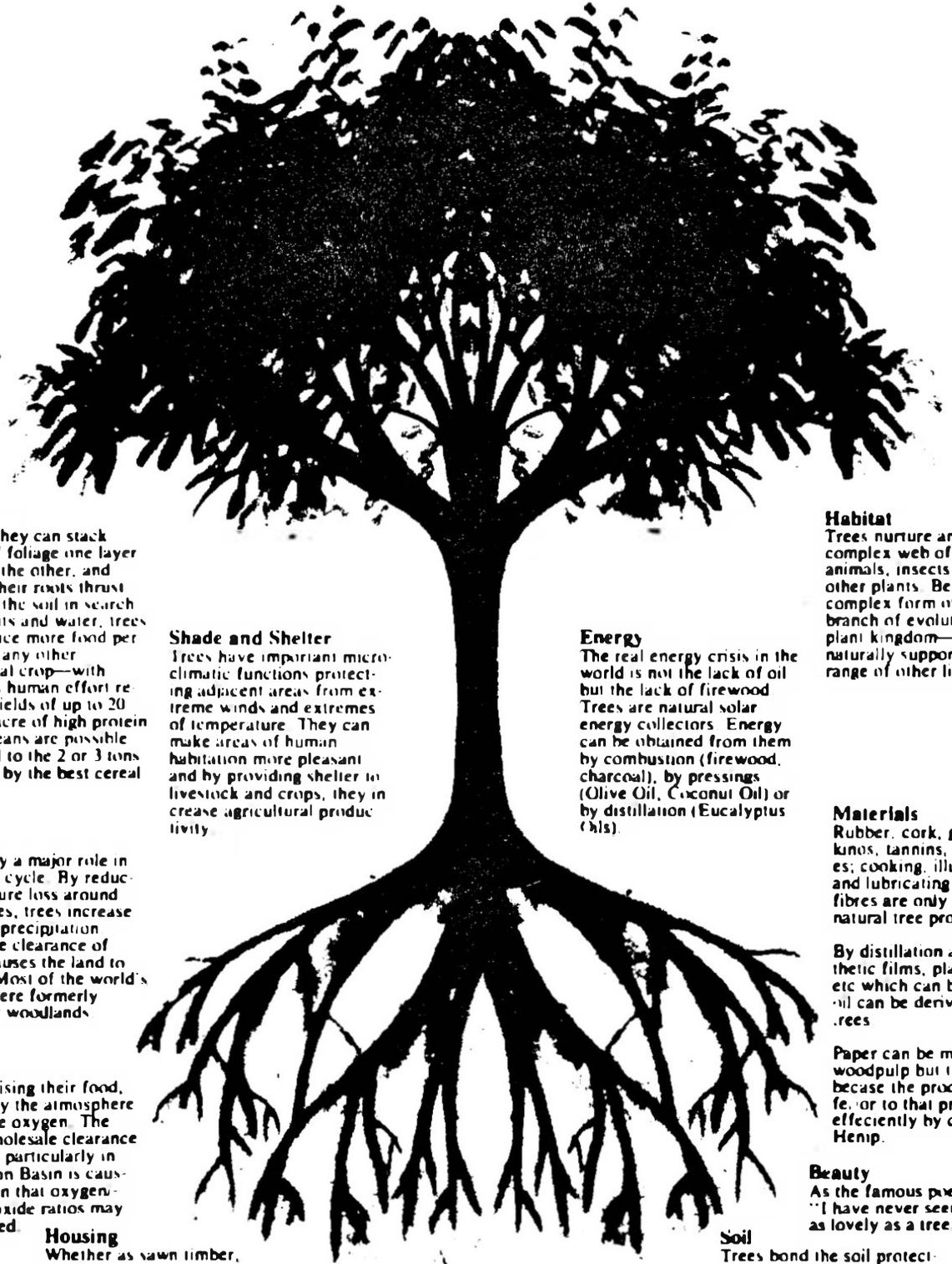
The Society has an arrangement with the UNIVERSITY BOOKSHOP, Stirling Highway, Nedlands, W.A. 6009, (Telephone 865578), by which the Bookshop maintains stocks of recommended books on nutgrowing and allied topics. Members can call in, or order through the post - for postal ordering or by phone, the Bookshop first sends you an invoice (including postage cost), and if you pay this, they send the book. On most books WANS members can get 10% discount. Prices change rapidly. Current recommendations: (Note: (Q1-3) means reviewed in QUANDONG Volume 1, No.3). Ratings run from **** down to *.

- **** JAYNES, R.A. - Handbook of North American Nut Trees. \$13.30 (Q1-2)
- *** RIOTTE, L - Nuts for the Food Gardener. \$4.50 (Q2-1)
- *** SMITH, J.R. - Tree Crops. \$8.95 (Q1-1)
- ** REED, C.A. & DAVIDSON, J - Improved Nut Trees of North America. \$10.00
- ** MOYER, J - Nuts and Seeds. \$2.95 (Q1-2)
- ** SUNSET Western Gardening Book. \$8.80 (Q2-2)
- *** The JOJOBA HANDBOOK. \$5.00 (Q2-1)

THE TREE

There are trees for almost all human needs. One of the greatest teachers of India was the Buddha who included in his teaching the obligation of every good Buddhist that he should plant and see to the establishment of one tree at least every five years. As long as this was observed, the whole large area of India was covered with trees, free of dust, with plenty of water, plenty of shade, plenty of food and materials. Just imagine you could establish an ideology which made it obligatory for every able-bodied person in India, man, woman, and child, to do that little thing—to plant and see to the establishment of one tree a year, five years running. This, in a five-year period, would give you 2,000 million established trees. Anyone can work it out on the back of an envelope that the economic value of such an enterprise, intelligently conducted, would be greater than anything that has ever been promised by any of India's five-year plans. It could be done without a penny of foreign aid; there is no problem of savings and investment. It would produce foodstuffs, fibres, building material, shade, water, almost anything that man really needs."

E. F. Schumacher
"Small is Beautiful"



Food

Because they can stack masses of foliage one layer on top of the other, and because their roots thrust deep into the soil in search of nutrients and water, trees can produce more food per acre than any other agricultural crop—with much less human effort required. Yields of up to 20 tons per acre of high protein nuts or beans are possible compared to the 2 or 3 tons produced by the best cereal crops.

Water

Trees play a major role in the water cycle. By reducing moisture loss around themselves, trees increase effective precipitation. Wholesale clearance of forests causes the land to dry out. Most of the world's deserts were formerly forests or woodlands.

Oxygen

In synthesising their food, trees purify the atmosphere and release oxygen. The current wholesale clearance of forests, particularly in the Amazon Basin is causing concern that oxygen-carbon dioxide ratios may be disrupted.

Housing

Whether as sawn timber, particle board, palm thatching, bark hut or even the good old hollow trunk, trees play a major role in housing the world's human population.

Shade and Shelter

Trees have important micro-climatic functions protecting adjacent areas from extreme winds and extremes of temperature. They can make areas of human habitation more pleasant and by providing shelter to livestock and crops, they increase agricultural productivity.

Energy

The real energy crisis in the world is not the lack of oil but the lack of firewood. Trees are natural solar energy collectors. Energy can be obtained from them by combustion (firewood, charcoal), by pressings (Olive Oil, Coconut Oil) or by distillation (Eucalyptus Oil).

Habitat

Trees nurture and protect a complex web of birds, animals, insects and even other plants. Being the most complex form of a whole branch of evolution—the plant kingdom—they naturally support a great range of other living things.

Materials

Rubber, cork, gums, resins, kunos, tannins, soaps, waxes; cooking, illuminating and lubricating oils; and fibres are only some of the natural tree products.

By distillation all the synthetic films, plastics, nylons etc which can be made from oil can be derived from trees.

Paper can be made from woodpulp but this is a waste because the product is inferior to that produced more efficiently by crops such as Henip.

Beauty

As the famous poem says "I have never seen a poem as lovely as a tree."

Soil

Trees bond the soil protecting it from wind and water erosion; their deep rooting systems assist in crumbling bedrock and bring valuable nutrients and water up to the top soils.

Plant some soon.

NEW MEMBERS

Welcome to the following new members, who joined the Society in the first half of 1977. A special welcome to member 371, Neil and Tony Fontanini of Manjimup. The Fontanini family pioneered nutgrowing in Western Australia, searching out superior trees and preserving their qualities by grafting onto their own stocks. They now have the best walnut and chestnut orchard in the State, with some trees around 70 years old and a spectacular size. This orchard was featured in the 1976 WANS Yearbook.

- 304 Mr E J Holman 82 Rupert St Subiaco 6008
- 305 Mr R Toster PO Box 9 Ballidu 6606
- 306 B Davies 1 Flinders Place Lynwood 6155
- 307 A A Sutherst Canungra Rd Mt Tamborine Qld 4272
- 308 Mr G Rampant 29 Toowong St Bayswater 6053
- 309 Mr J Wrigley Kambalda Nurseries 46 Clianthus Rd Kambalda West 6444
- 310 Mr J T Swain 23 Port Hill Rd Shrewsbury Salop SY38SE U.K.
- 311 D Forbes-Wilson PO Box 1 Cabarita via Mildura Vic 3505
- 312 Mr P Tozer Address unknown
- 313 Mr G Summerhayes 23 Shirley Ave Mt Pleasant 6153
- 314 Mr R J D'Orsogna 135 Hamersley Rd Subiaco 6008
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