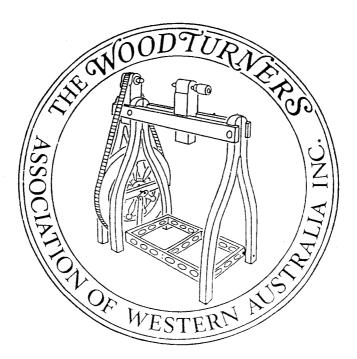
The Official Newsletter of the



No. 36

Oct/Nov 1991



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MANAGEMENT COMMITTEE

PRESIDENT Cyril Jones 6 Burt Court Dunsborough 6156 Busselton Gardens City Beach 6015 097 55 3606

SECRETARY Nancy Launer

Unit 7 Busselton 6280 097 52 3998

TREASURER EDITOR Milton Rundle 26 Norbury CrescentP.O. Box 115 (W) 09 265 3263 (H) 09 385 9339

Geoff Barkla Kalamunda 6076 09 293 4330

ASST. EDITOR Ivor Bridges 4 Grancy Avenue Mundaring 6073 09 295 1867

COMMITTEE John Lathwell 22 Mary Drive Lesmurcie 6076 09 291 6280

Jim Clarke 7 Peter Road High Wycombe 6057 Bicton 6157 09 454 5337

COMMITTEE

COMMITTEE

Stan Gaston

Bindi Bindi 6574

P.O. Box 8

COMMITTEE John Lilleywhite

COMMITTEE

Gerald Young

34 Rails Cresc.

Wungong 6112

35a Westbury Cresc. 09 339 2359

COMMITTEE

COMMITTEE

Noel Moyes

09 295 2281

Elaine Boyd 32 Rayment St. Lathlain 6100

COMMITTEE John Croft 98 Lewington St. Rockingham 6168

MEMBERSHIP

PROPERTY

VIDEO LIBRARIAN

Cheryl Russell 25 Bentlev St. 19 Mopsa Way Stoneville 6554 Coolbellup 6163 09 337 7631

SECRETARY Digger Constant

Keith Stout 10 Clearview Avenue 20 Currajong Road Mt Yokine 6060 Duncraig 6023 09 349 7637 09 448 2632

SAFETY OFFICER	SHOPPING CENTRE AGRICULTURAL SHOW COORDINATOR	MONTHLY WORKSHOP COORDINATOR
Gordon Ratcliffe 09 276 8781	John Lilleywhite	John Lathwell

ASSOCIATION WEEKEND CALENDAR

DATE October 19-20th	VENUE Noalimba	COMPETITION Lidded Box Open Embellished Inter	HOST GROUP North of the River
November 16-17th	Brookton	<u>Dip Bowl Any</u> Size	
December 14th only	Noalimba	Best thing made this year Also a Toy Display	Executive

PRESIDENT'S REPORT

At the time of writing these notes our Annual General Meeting is just around the corner. In preparing for that meeting, I have been looking back at the various reports etc., of the past years activities. It is so very obvious that we are a very busy Group of people. Our monthly weekend meetings continue to be well suported with overall attendance by members and their partners being a little higher than previous years.

I cannot mention everyone by name who has contributed to the weekend programmes, suffice to say that we owe a lot to the team under John Lathwell's leadership who present the many facets of our meetings. More and more John has involved the various Groups in the planning of the weekends. In doing so he feels that the Groups themselves benefit greatly through the experience.

The various Trade Suppliers continue to support our Meetings and in a number of instances have also assisted with demonstrations etc., of some of the range of equipment they stock.

The Suppliers have entered into our scheme of providing vouchers for the monthly competition winners. Has this been the reason for the improved number of entries in more recent times?

We are indebted to the Ladies for their valuable assistance given throughout the year. Not only do they regularly look after us organising morning and afternoon teas etc., they also see that the registration desk is always staffed. Although a number of the ladies bring their own hobbies along and share their interests with others they also take an interest in the programme generally. Of course, we must not forget we do have some who are turning as keenly as the men. This year a group of Ladies under the guidance and enthusiasm of Coralie Clark and others have been making soft toys to be distributed to needy children through various other organisations. These same ladies have also planned a couple of Social activities. One a Christmas in July Luncheon held at The Fremantle Sailing Club, and the other a night at the Tivoli Theatre Canning Bridge. Both of these functions were well supported by members.

Shopping Centre Exhibitions in both the Metro area and Country Centres have been most successful and Exhibitions and Demonstrations at a number of Country Agricultural Shows have attracted considerable interest. September 1990 we were also involved with a display at The Kings Park Wildflower Exhibition. To all those members under Brian Launer's direction who put in so much effort towards promoting the Craft of Woodturning to the general public many thanks. A number of new members have joined The Association as a result of Exhibition/Promotions.

Membership Cheryl Russell took over the task of looking after our Membership Register at our last AGM. I would like to acknowledge the valuable work Cheryl has dfone for The Association over the past year. Thank you Cheryl.

Membership as at August 30th stands at 704 of which there are six junior members. New members joining the Association during the year 161.

NEWSLETTER

Our Newsletter continues to be our main link with our members, in so many instances it is our only link. Editor Geoff reminds all contributors to have material for inclusion in each newsletter in his hands by the first of the month of publication. I am sure you will agree with me that Geoff has continued to maintain the high standard of our Newsletter. In saying thank you to Geoff we must also thank Gay who does a lot of the typing and also lvor as Assistant Editor is a great back-up to Geoff. I am aware that there have been problems, particularly with members not receiving their newsletters and for that we can only apologise. Every effort is made to ensure that the printers have the correct information for purposes of mailing the newsletter to members.

NOW TO THE FUTURE

As you are aware lvor Bridges, Brian Launer, Gordon Ward, Bob Adams and Viv Paust have not renominated and recently Bob Richards has chosen to resign as Vice President and Committee member. All of these members have made quite a contribution to the Association. I am sure you join with me in thanking them for their efforts on our behalf. Welcome to the incoming new members to the Committee Elaine Boyd, John Lillywhite, Stan Gaston and Noel Moyes.

Thank you members for your support and with your help we can make the coming year the best yet in the lift of this Association.



FROM THE EDITOR'S DESK:

Once again our A.G.M. has come and gone we've received the President's Report on the years happenings, we've heard from our Treasurer and received his Financial Report - all O.K. too! Also listened to his Budget for 1991/92, and unfortunately had to listen to too many self centred comments. We are an Association of which all of us should be and are proud to belong.

It should be a case of what can I do to make our Association better rather than what can I get out of it.

In the past year we have seen a fine team of Executives and Sub-committee members and Ladies carrying out the many tasks that go to make up your Associations life lines.

Now a new Executive is all setto carry on those same traditions and it is up to each of us to give full active support to them and thus ensure 1991/92 is the best year ever.

As Secretary Nancy's article in Newsletter No. 30 says let us look to the Goal of establishing a H.Q. Fund to ensure we have a home for the future use of our children and grand

children. It is easy to be negative but only a little harder to be positive.

The possible is only a little harder than the impossible.

GEOFF

THE NOT SO WELL BRIGADE:

Ern Margetts is now home again but has a lot of recovering to do. Likewise Gordon Ward is also home after a pretty rough time he too has a lot of catching up. Carl Witber and his wife are jointly suffering the miseries of flue etc. Carl on antibiotics and his better half on penicillin. I have just been informed that Kevin Pritchard's wife Ivy is also on the not well list. To all we wish you a speedie recovery to join with us again in W.A.W.A. fellowship.

MEETING AT NOALIMBA - 19TH & 20TH OCTOBER 1991.

HOSTS - North of the River Group Convenor - Max Hayles

SATURDAY:

- 9.00 Registration & Fellowship Hands on
- 9.55 Welcome & Notices for the day, including competition
- 10.00 MORNING TEA
- 10.30 Demonstration " Fluting a Bowl" Keith Stout
- 10.30 11.30 LADIES "Applique on Fleecy Tops" Norma Taylor
- 11.00 Hands on & Competition Tool sharpening all day
- 12.00 LUNCH
- 1.00 Hands on
- 1.30 Demonstration "Spindle Turning Rocking Chairs" John Rule
- 2.00 Competition entries close Voting commences
- 2.30 Guest Speaker Graham Bircham from Hughans Saw Service Subject - "All you wanted to know about bandsaw blades". (but were afraid to ask.)
- 3.00 AFTERNOON TEA
- 3.30 Demonstration "Spiral cutting on Lathe" Goodson
- 4.15 Hands on & Competition
- 5.00 Close for day no evening program

SUNDAY:

- 8.00 Committee Meeting
- 9.00 Hands on & Competition
- 10.00 MORNING TEA
- 10.30 Demonstration "Hot Melt Glue Chucks" Dig Constant
- 10.,30 LADIES Lee Chase "Making Flowers from Stockings".
- 11.30 Hands on Voting & Competition close
- 12.00 LUNCH
- 12.30 Load Lathes & Cleanup
- 1.00 President's Forum Competition results Show & Tell
- 3.00 Final Clean-up Load Chuck Wagon etc.

SPECIAL NOTES:-

- A. Trade Supplier W.A. Trade Tools
- B. Hands on will be for Goblets/Bowls/Spindle Turning
- C. ALL MEMBERS are requested to bring along any home made tools, jigs, gadgets etc., to add to "SHOW & TELL". Plus a Display of Toys

NOALIMBA OCTOBER MEETING -

Accommodation is available with meals \$12.00 per night plus \$2.00 linen fee. (Pillow, Pillow Sheet, Sheets, Blankets, Towel)

MEALS: Breakfast \$6.00. LUNCH: \$4.90. DINNER: 7.25.

JULY 20 - 21ST LOFTUS STREET, LEEDERVILLE HOST GROUP - KENWICK.

A very good attendance again. 109 members and 55 Associates and visitors. The Convenor was Don Gunn and the M.C. Gerald Young kept the weekend flowing smoothly. Bob Richards expressed our appreciation to the Host Group and also to John Lathwell for welding the monthly meetings together. A few of our W.A.W.A. members have been on the sick list, especially Ern Margetts, Gordon Ward, Carl Wittber, Malcolm Frances and Nancy Launer. We wish them a steady recovery and hope that they will be with us again very soon.

There has been a new group formed in Toodyay, which shows that W.A.W.A. is still growing in strength.

A very warm thank you went to all the ladies helping on the registration table, kitchen and activities.

Besides the toys which the ladies have made and are continuing to make, the Melville Group produced a good display of wooden toys, Ken Rex showed them with pride. They certainly will fill some needy child's heart with joy.

Keith McQueen took the Show & Tell. It contained not only interesting turned wood, but some excellent tools of trade.

LEEDERVILLE 20TH/21ST JULY 1991.

Arthur Malacari kept everyones attention showing his skill, innovation and enthusiasm doing multiple centre turning.

Sharpening tools excellently done as usual by John Shinnick. After John's talk no one should have any trouble.

Don Gunn's revelation on dust - that we did not want - but had to have almost enough to put one off turning.

The silent Wood Auction to raise money for tree planting went well raising \$217.00, this with \$16.00 commission on sale of Sandalwood sold at Belmont, money forwarded to Treasurer Waddi Forest Conservation District, we rounded figure to \$250.00 which should purchase about 800 trees.

Ivor Bridges showed how easy it is to produce a turned base for an oil lamp. His commentary was very good.

Keith McQueen changed a lathe head shaft - telling what not to do.

Week-end running competition of a Lace Bobbin had many tryers. Won of course by the master himself, Gordon Radcliffe.

DEADWOOD SAWMILLING:

P.O. Box 1014, East Victoria Park. 6101

Deadwood Sawmilling are a new Company, which have set up operations in Unit C6, Anvil Way, Welshpool. They have invented a sawmill capable of cutting what has previously been regarded as rubbish, laying on the forest floor and turning it into furniture grade timber. The sawmill is the result of two and a half years of research and development by a dedicated team of idiots who refused to take no for an answer when the 'experts' said it couldn't be done. This mill is carried to a (preferably dead) log or burl on the back of a Four Wheel Drive and cuts the timber where it lays. The timber is then transported out of the forest and delivered to the unit for storage or sorting. The upshot of all this is YOU can now buy naturally dried specialty timber up to eight foot long and three foot six inches wide and anything from a quarter of an inch to ten inches thick. This company is also producing a large range of turning timber and can cut to order, virtually any size of block you wish. Blocks currently in stock at the unit include Curly grain Jarrah, Birdseye Jarrah, Crowsfoot Jarrah, Sheoak, Spruce, Pine, Jarrah Burl, Marrie Burl, Banksia Burl and in time lots more.

PLEASE RING Phil on 361 7346 after 5.30 pm to make an appointment as they are not at Anvil Way all the time. Russ and Geoff can vouch for some pretty good timber.

MOORA 17-18TH AUGUST 1991 HOST GROUP - CENTRAL MIDLAND

Moora High School was the venue for the August meeting of the Association. As usual the Moora Group's organisation and hospitality was of the highest order. Members a total of 73, plus 62 wives and friends were very well catered for socially with the following organised outings. A tour of New Norcia Monastery for the ladies and a visit to Ranfurley Pastral Co., by members and wives to view a large scale reaforestation programme. A Bingo competition at the hostel on Saturday evening.

The Associations appreciation goes to the following demonstrators who ably instructed us:-

Keith Seaman Laminated bowls Gordon Wilkins Oval turning John Shinnick Marrison Bowl system Brian Launer Incised decoration Ron Goodson Twists Keith McQueen Spheres and off centre turning

Also those who acted as "Hands on" demonstrators.

Competition winners were:-

Open Intermediate Novice	1st Bob Hill 1st John Lathwell 1st Bill Harrison	2nd Len Nicho 2nd John Lillyv 2nd Robin Ha	whiter 3rd	Keith Seaman Stan Gaston Eric Walker
Ladies choice	Len Nicholls	Door prize C		
This concludes				

This concluded with the "Show & Tell" session being very ably compered by lady turner Elaine Boyd.

Thanks to Stan and his helpers for a very well enjoyed weedkend.

KEITH STOUT

MOORA 17 & 18TH AUGUST 1991

HOST GROUP CENTRAL MIDLANDS

Keith Seaman showed his expertise and ingenuity with laminating, it seems the key is exact fitting and proper glues with enormous saving in wood - excellent Keith

The Marrison System with John Shinnick as usual was good.

Brian Launer showed how his spiral patterns were done using his expensive apparatus - once set up looks easy.

GUESS THE WOOD COMPETITION AUGUST 1991 - MOORA

No winners for this competition Wood Cassia Golden Shower Age 20 years Finish Cellulose Sanding Sealer

MOORA HANDS ON COMPETITION

Anything made from piece of Jarrah 6 x 2 x 2. Only two entries:-

Glen Harrington Toodyay Baby's Rattle

Bill Proctor Moora Honey Dipper

We decided the contest was a draw. (maybe no one else wanted to get jarrah sawdust on their clothes)

The Vouchers for the monthly Competition of \$30.00 open \$20.00 Intermediate \$10.00 Novice were donated by Woodstock Pty.Ltd.., 201 Balcatta Road, Balcatta.

HOW TO HARDEN AND TEMPER SMALL TOOLS:

A tool which has lost its temper through over heating must first be hardened by making it red hot and plunging it in water or oil. This makes it very hard and brittle, too hard for use, and it must therefore be tempered. The tempering process reduces the hardness to a point where the tool is hard and tough enough to perform its work properly, yet not so that it will break under strain. It is done by reheating to a lower temperature and quenching.

Right heat. The degree to which a tool must be heated to harden varies considerably, according to the type of steel. The proper tempering heat also varies according to the type of tool and is judged by color of the metal when it is heated - see table. In hardening tools a simple test will show when the proper heat for quenching has been reached. Hang a small magnet on a piece of string near the fire where the tool is heated, and as the tool gets hot pull it out of the fire from time to time and bring it near the magnet, when the hot tool ceases to be attracted by the magnet it is ready for quenching. Care must be taken not to overheat the tool as this may spoil the steel.

1

The tempering is done this way:-

Polish the business end of the tool with a piece of emery cloth. Take a large piece of scrap iron, heat it to a good red heat, pull out of fire and rest the tool on it about 2 inches from the cutting edge. Watch the polished end closely and soon you will see colors appear on the surface as it gets hotter, first a faint yellow blending into straw, then lighter brown, dark brown, purple and blue. When the color on the polished end reaches the right shade according to the table, quench the whole tool in water.

In tempering do not heat the tool too quickly or the colors will run to the point of the tool too fast and too close together, if this happens dip the polished end quickly in water, and the colors will come more slowly. If tempering is taken beyond the correct point the tool will be too soft, and it must then be rehardened and the tempering carried out again.

Tempering various Tools.

Generally speaking Lathe and similar tools are tempered or "drawn" to a light straw (430°) or medium straw (450°) small drills and wood chisels to a brown (450°) and centre punches, scratch awls, wire cutters screw drivers to a purple (530°) cold chisels range from purple to dark blue (600°) depending on the purpose for which they are used.

Class of Tool	Hardening Color	Temper Color
Turning and plane	. Low cherry	.Brown to blue
Small Drills		
Lathe cutters	. Low cherry	. Dark straw
Large turning tools	.Low cherry	. Straw
Cold Chisels		. Light blue
Punches	. Full cherry	.Straw

This article was supplied by Haywood Clifton, 632 Mary Street, Mandurah. Haywood sent this to me back in February. Thank you old son, I did eventually get to it and I am sure it will be of much interest to members. Me too! GEOFF

MELVILLE GROUP - Christmas Get Together:

Members of The Melville Group (and others) are reminded that the Christmas "Get-together" will be held in conjunction with the November meeting (Thursday 28th November) at the usual Palmyra Recreation Centre. Make this a meeting not to miss and enjoy a glass with your old friends you might not have seen much during the year.

LES ALP CONVENOR

PROPOSED NOSTALGIA TRIP 1992:

Recently P.P. Keith McQueen suggested it may be worth a thought to go back one weekend to the spot where W.A.W.A. took off. So your Editor and his good lady called in and stayed one night at Eneabba on our way South with our van. Whilst we were very much aware that the lusty W.A.W.A. child did not take long to out grow the facilities of Eneabba it was also very obvious that the warm hearted welcome of the McQueens in those early years still existed today in the current owners of Allan and Lorraine Tinker. Allan and Lorraine are keen to see us at Eneabba they can accommodate around 40 plus caravans, 20 odd power sites, In discussing this with President Cyril it would seem the ideal time would be September, October or November 1992.

We feel that accommodation priority in the first instance should be for those who attended the inaugural meeting and the 1st A.G.M., which was held at the Caravan Park. Anyway it is a project we can keep in mind for 1992. No time this 1991 year. Allan has offered us good discounts across the board for accommodation, including van sites, etc. **EDITOR GEOFF.**

An item of interest from our Alice Springs Member KEVIN HOLLIOAKE

I have just finished restoring an old "Tough Wood Lathe" When I bought it for scrap price \$70.00 all it had on it was a head stock, a cast iron stand and a three phase motor. The motor went to the dump, new bearings put into headstock, a friend in Darwin gave me a tail stock (some pieces missing) another friend in Tennant Creek turned up the missing parts on his metal lathe. The Tool Rests I made myself and I purchased the old style tool rest stand from a Woodie mate here in Alice. The 1 HP motor came out of a wrecked evaporative cooler which I fitted onto the lathe. The motor is a two speed unit giving me eight speeds overall, which I find very handy and now I have a magnificent fully working "Tough" Lathe and I am starting to spread the shavings around. I am proud of my "Toughy"

Quite a tremendous achievement. Thank you old Son.

GEOFF

It has to be - you know who?

The ultimate in wishful thinking. I was going to an R.S.L. Meeting last week, went into the room to get my R.S.L. Badge, came out wearing my Woodoturning Badge. **DIGGER**

FOR SALE:

If you are building a lathe or just need a hollow boring attachment for your lamps, Phone John Mercer 390 9779 Sundays, Offers for Tough Hollow Tail Stock Drilling Unit.

FROM: BOND CRETE AUSTRALIA PTY.LTD. (09) 277 6844 TECHNICAL DATA SHEET

MONOGLAZE FLOOR AND FURNITURE FINISH

MONOGLAZE is a Revolutionary Premium quality waterbased non-yellowing Polyurethane clear finish for furniture, floors and other interior woodwork. MONOGLAZE gives equal abrasion resistance and durability, without the hazards of two pack polyurethane systems.

MONOGLAZE is convenient - 3 or 4 coats can be applied in the same day and offers the ease and economy of water clean up.

WOODTURNERS ASSOCIATION OF W.A. WORKSHOP/MEETING -BROOKTON.

SATURDAY 16TH - SUNDAY 17TH NOVEMBER 1991 W.B. EVA PAVILLION, BROOKTON HIGHWAY, BROOKTON

Welcome to all W.A.W.A. members, spouses and visitors. This meeting is for the promotion of woodturning through demonstration and exchange of ideas and fellowship with hands-on and tool sharpening for benefit of new members and any who have a problem.

Your Host Group is Central Southern Group

Convenor: K. Pritchard,

Safety Officer M.C. D. Keyser

Trade Supplier G. Radcliffe - Hamersley Hardware Saturday.

PROGRAMME:

Saturday

- 8.00 Chuck Wagon & Lathes arrive unload.
- 9.00 Registration and Fellowship

Competition - Bill Botman Show & Tell set up

- 9.00 Hands on problem solving Ron Goodson Brian Launer Learn to sharpen tools - bring your problem tools.
- 10.00 M.C. Welcome
- 10.00 MORNING TEA
- 10.30 Router use Ken Rex
- 10.30 LADIES Onwards Emily Marchesi 'Advanced' corn dollies
- 11.30 Green Bowl Turning John Lathwell
- 12.00 LUNCH Bring your own.
- 1.00 LADIES Drive to Country Garden with Tour Guides
- 1.00 Offset Turning Gordon Wilkins
- 2.00 Segmented Turning Ron Goodson
- 2.00 Competition entries close voting commences
- 3.00 AFTERNOON TEA
- 3.30 LADIES Jennie Windsor Paper Marbelling
- 4.00 Finishes Brian Launer
- 5.00 Gadgets Ken Rex
- 6.00 CASSEROLE TEA
- 7.00 Talk by Steve Gorton 2 IC Calm Narrogin & surrounding districts.

SUNDAY:

- 8.00 Committee Meeting
- 9.00 Registration and Fellowship Hands on - Brian Launer

10.00 MORNING TEA

- 10.30 Goblets Gordon Ward
- 11.00 All voting closes
- 11.30 Propelling Pens Jim Clarke
- 12.00 Load Lathes
- 12.15 LUNCH (if needed)
- 1.00 Presidents Forum
- Competition results Guess the Wood Show & Tell.
- 3.00 All hands final clean up.

ACCOMMODATION

Self Contact	Shire Caravan Park	096 421106
	Club Hotel	096 524055
	Bedford Hotel	096 421173
Homestay	Rickie Nottle	096 427024
	Dick Keyser	096 421167

THE MEANIES TEST:

Down at Cross Electrics Chaps were turning wood aroun' Some were looking happy, Some others wore a frown

Concentration, consternation, They studied all the plans Translating all the drawings With brains and grubby hands

Around our necks and faces Sheoak chips were being sprayed, We measured all work carefully, And to the good Lord prayed

We had to make an egg cup, The rules were in the books. But the products of the labours. Might not suit the chooks.

Some were most precise A couple there were jokers. The output from some turners. Were made for double vokers.

The judges measured all our work. The fruit of our hard labours. The cuts and scrapes, that we had made, We hoped would be our savers.

Then turners sat with bated breath. The judges were austere. Mr. Shinnick was the advocate, A man beyond compare

"Do you want to know?" he said, "The bad news or the good?" "I now announce you all have passed, With the piece you made from wood"

The smiles all round were good to see, These guys are all first raters. So now the local W.A.W.A. groups, Have brand new demonstrators.

GRANDAD WALLACE

Steve Kneebone Classic Tree Surgery P.O. Box 155, Double View 6018. Tel: (H) 341 7379. (B) 446 2423

Often has special timbers available - Gravillia, Silky Oak, Cyprus, Jacaranda, etc. all end sealed. Ring him for your requirements.

GUESS THE WOOD COMPETITION:

July 1991 Leederville Wood: Marri (Spalted) Age: 29 Years Finish: Rustins Danish Oil and Beeswax Cut: 1988 Turner: John Lauridsen Same tree as first Guess the Wood Competition in 1988. The sample at that meeting was turned green by John Lathwell. Won by Peter Godden Margaret River (Was the speaker on Wood Finishes)

W.A. WOODTURNERS TAPES:

Tapes available Ex Video Library Woodmill Series Lathe Safety and Spindle Turning Cup Chuck and Tool Sharpening Wattyl finishing and Woodcraft design Dennis White Tapes Turning Bowls Boxes Goblets and screw threads Spindle turning plus Boxes Goblets, etc. Advanced Turning Twists Spirals Wood Turning with Richard Raffan Bowl Turning by Dell Stubbs Wood Finishing by Frank Klaus Chainsaws and commonsense Sthil Bunnings Forest Products dry Jarrah Purs Enjoyment Fine Woodworkers Open Weekend Fine Woodworkers Doughnut Turning Viv Paust Wax Finishing Keith Johnson Brunswick meeting Mike Darlow W.A.W.A. Tool Sharpening Ron Goodson Del Stubbs at Bunbury W.A.W.A. For Loan of Tapes contact:-

Keith Stout 20 Currajong Road, Duncraig. Phone: 448 2632

SHOPPING CENTRE DISPLAY.

Southlands November 4th to 9th inclusive. Ref. John Lillywhite.

POOR, BUT BLESSED, IN THE OLD DAY.

We met and we married a long time ago, We worked for long hours when wages were low. No TV, no wireless, no bath, times were hard Just a cold water tap and a walk in the yard.

No holiday abroad, no carpets on floors, We had coal on the fire, and we didn't lock doors, Our children arrived, no pill in those days, And we brought them up without any state aid.

They were safe going out to play in the park, Any old folks could go for a walk in the dark. No valium, no drugs, and no L.S.D. We cured most of our ills with a good cup of tea.

No vandals, no muggings, there was nothing to rob. We felt we were rich with a couple of bob. People were happy in those far off days, Kinder and caring in so many ways.

Milkman and paper boy would whistle and sing, A night at the pictures was our one mad fling, We all got our share of troubles and strife, We just had to face it - that's the pattern of life.

Now I'm alone and look back through the years, I don't think of the bad times, troubles and tears. I remember the blessings, our home and our love, And that we shared them together, I thank God above.

(Author unknown)

FIGURES DON'T LIE:

Irrespective of the findings of statisticians, the following seem to be the stark facts facing you and me:-

seem to be the stark facts facing you and	me
Population of Australia	16,000,000
People of 65 and over	3,800,000
Balance left to do the toil	12,200,000
People of 18 and under	3,000,000
Balance left to do the toil	9,200,000
People working for the Government	4,400,000
Balance left to do the toil	4,800,000
People in the Armed Forces	1,150,000
Balance left to do the toil	3,650,000
People in Bank, Insurance,	
State & Council Offices	2,900,000
Balance left to do the toil	750,000
People in Asylums, Hospital and	
engaged in Trotting & Greyhound Racing	600,000
Balance left to do the toil	150,000
University Students	
&others who won't work	125,000
Balance left to do the toil	25,000
People in prison	24,998
Balance left to do the toil	2

You and me - and you'd better pull your bloody socks up, because I'm sick of running this country on my own.

GENETIC LINK TO LEUKAEMIA: LONDON:

Men exposed to radiation, wood dust or benzene are more likely than others to produce offspring who develop leukaemia, according to a study released this week.

The leader of the study team, Dr. Ray Cartwright, said the findings might be an important new lead in the search for the cause of leukaemia.

Dr. Cartwright said it was suspected leukaemia involved a genetic mutation.

But he also said his study, published in the British Medical Journal should be interpreted cautiously because of the small sample involved.

Researchers studied the parents of 109 children who developed leukaemia to explore the relationship between occupational exposure and the disease.

Many of the parents worked at the British nuclear fuels reprocessing plant at Sellafield, in north-western England.

Experts say leukaemia usually occurs in one out of about 2000 children. But a 1984 British Government report found the incidence of childhood leukaemia around Sellafield to be 10 times higher than normal.

The latest study, by the Leukaemia Research Fund Centre at Leeds Univesity and the children's cancer unit at Newcastle University, said men exposed to radiation before conceiving children were nearly three times more likely than other men to produce offspring who developed leukaemia.

The study also looked beyond the effect of radiation exposure and found an increased risk of leukaemia in children born to men exposed to wood dust and benzene.

The exposure took place before conception, during pregnancy and after the birth of the child.

Men working near wood dust in the timber industry before conception were twice as likely to produce children with leukaemia.

The study said no previous reports on this highly specific link seemed to exist. More startling still was the finding that men exposed to benzene on the job were nearly five times more likely to produce offspring with leukaemia.

Benzene is contained in petroleum and exhaust emissions.

Courtesy of

Tamworth Woodturners

AVON VALLEY GROUP

Convenor: G. Harringyon Phone: 09 574 2129 Sec. P. Johnson Phone: 09 574 2208

MELVILLE GROUP

Convenor: L.Alp Phone: 09 332 147 Sec. Phone:

BUNBURY GROUP

Convenor: Paul Hollis Phone: 097 959 231 Sec. R. Williams Phone: 097 971 248

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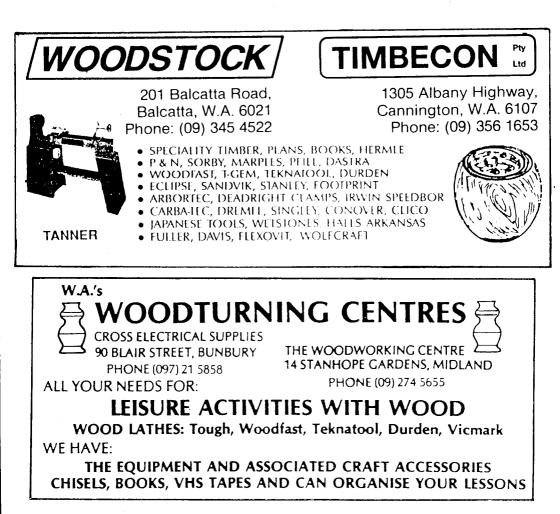
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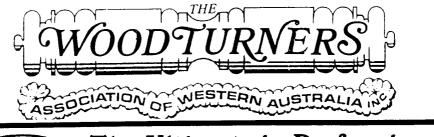
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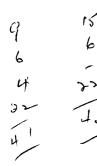
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STANDARD EQUIPMENT:- Cast iron #Bed #Headstock #Camlock tailstock #8"R.H. Face plate # 3/16" 24 index hole vee belt pulley # Matching motor pulley # 6" and 12" tool rests #Toolrest Bracket #Spanner # Spurdrive with removable point #Tailstock Centre with removable point.

OPTIONAL EXTRAS:- B Live tailstock cup centre # 24" Tool rest # Camlock tool rest bracket # Cup chuck # Pin chuck # 1/2" No 2 morse taper drill chuck # Three point steady # 8" & 6" Face plates with R.H. or L.H. threads # 6" & 8" face plates universal (R.H. & L.H. threads) # Outrigger attachments # Sanding disc # 3" & 4 1/2" face

plates with or without tapered screws II Deep drilling guide (fit tailstock) II Deep drilling attachment II Predrilled wood, centring points II 1 HP motor II Lathe stand.

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