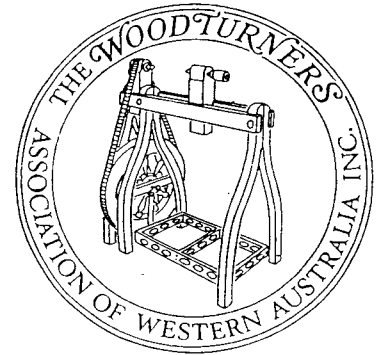


THE WOODTURNERS

ASSOCIATION OF WESTERN AUSTRALIA INC



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No:59

AUGUST/SEPT. 1995

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W.A.W.A. GROUPS MEETING TIMES, DATES AND VENUES.

- AVON VALLEY.** 3rd Thursday. 7.30pm Venue. High School. Temporarily In recess.
- BUNBURY.** 1st and 3rd Wednesday. 7pm. Cross Electrics.
- BUSSELTON.** 1st and 3rd Wednesday. 7pm. Venue. High School.
- CENTRAL/MIDLANDS.** 4th Saturday of every month. Moora High School. (Depending on availability of venue)
- CENTRAL/SOUTHERN.** 2nd and 4th Wednesday. Brookton District High School.
- COLLIE.** Sundays 9.15am to 4pm. Various home workshops.
- KENWICK.** 1st and 3rd Wednesdays. 7.30pm Liddlelow Homestead, Cooper Avenue, Kenwick.
- MANDURAH.** Every 2nd Tuesday 3pm from 15th February. Mandurah High School, Gibla St; Mandurah. Check with Convenor for locations during school holidays.
- MELVILLE.** 4th Thursday. 7.30pm Palmyra Recreation Centre, Cnr Murray Rd and Canning Hwy, Melville.
- MIDVALE.** 2nd Tuesday. 7pm The Woodworking Centre 36 Farrall Road, Midvale.
- MUNDARING.** Every Friday. 7.30pm. Old Parkerville Primary School, Cnr Dura Road and Riley Road, Parkerville.
- NORTH OF RIVER.** 4th Tuesday. 7pm WOODSTOCK 13 Cressall Road, Balcatta.

PRESIDENT'S COMMENTS.

As this is the last President's forum before our A.G.M, I would like to take this opportunity to thank everyone for their support over the last twelve months and to thank all our members who have worked so hard to give us some excellent weekend workshops. I would like to encourage all members to support your committee and convenors and tell them what you want to see and do at our workshops so that we can make them even better.

A reminder to all, the A.G.M. in September is our 10th ANNIVERSARY and we are planning an excellent weekend, so I would encourage you all to be there and help us celebrate 10 YEARS of wonderful fellowship.

Unfortunately we have seen some of our very good friends pass away during this last year and they will be greatly missed.

I hope to see you all at the A.G.M. and thanks again to all for your help and support during the last year.

Yours in turning, Rus.

NOTICE OF ANNUAL GENERAL MEETING.

Please take notice that the Annual General Meeting of the Woodturners Association of Western Australia (Inc) will take place at the Loftus Recreation Centre, Leederville, on Saturday 16th September, 1995 at 3pm.

Notices of Motion Received:

"That any member of the Management Committee who is absent without apology or prior arrangement for three consecutive meetings be stood down from the Committee."
 Moved: John Clark. Seconded : Alex Meldrum.

For Recommendations and further Notices of Motion to be considered at the A.G.M, see page 6.

VALE HARRY NORMAN.

Melville Woodturning Group and WAWA recently lost a stalwart in the late Harry Norman. Harry was a country boy coming originally from Narrogin where he joined the railways. Various promotions saw him for many years as the Yard Foreman at the North Fremantle yards.

Harry was one of the original members of the Melville Group and was its convenor in 1989/1990. He has been described as a perfectionist and 1mm out was 1mm too much for him. He frequently won the weekend competitions where the item was turned at the meeting and he also won his share of prizes in the monthly competition. A keen fisherman, he loved to fish at Rottneest and, of course, always turned his own floats complete with burley holder.

He was very active in the Fremantle Y's Men Club and a great supporter of the YMCA. Shortly before his death he was honoured with life membership of the Y's Men.

Harry was described as a true gentleman and a scholar and he will be greatly missed at weekend workshops. To his wife Joan, daughters Barbara and Judith and son Geoffrey, the members of WAWA offer their deepest sympathy.

ASSOCIATION WEEKEND CALENDAR.

Date: 19th August, 1995. One day only.
 Venue: Mundaring Senior Citizens Centre
 Competition: Cup and Saucer (may be embellished)
 Host Group: Mundaring.
 Trade Supplier: TIMBECON.

Date: 16/17th September, 1995.
 Venue: Loftus Community Centre, Leederville.
 Competition: Miniature Pedestal (max height 400mm)
 Host Group: Committee.
 Trade Supplier: SOUTHSIDE.

Date: 21/22nd October, 1995.
 Venue: W B Eva Pavilion, Brookton Oval
 Competition: Turned Clock on stand (Max face 150mm)
 Host Group: Central Southern.
 Trade Supplier: WOODWORKING CENTRE.

Date: 18/19th November, 1995.
 Venue: Donnybrook Recreation Centre. **
 Competition: Mortar and Pestal
 Host Group: Collie and Bunbury.
 Trade Supplier: CROSS ELECTRICS.

** The Margaret River venue originally booked for this meeting has been cancelled.

DEMONSTRATIONS, EXHIBITIONS, SALES.

- 11-13th August Out Of the Woods 95. Claremont Showgrounds Silver Jubilee Hall. An exhibition of fine wood work presented by The Fine Wood Work Association of WA Inc in conjunction with WA Wood Show.
- 14-19th August Melville Shopping Centre, Canning Highway, Melville.
- 14-25th August Out of the Woods 95. Bank West Tower, Perth.
- 28th Aug - 2nd Sept Southland Shopping Centre, Willetton.

Members interested in participating in demonstrations, please contact Ray Bowra 09 349 9310 or Len Nicholls 09 339 6490.

COUNTRY WEEKEND MEETINGS.

JIM PEMBER of North of the River Group will organise a bus to go to country meetings if sufficient members are interested. Those who are interested in going to country meetings on the bus, please ring Jim on: (09) 409 9124.

**NEVER LET TOMORROW'S WORRIES
 ROB YOU OF TODAY'S SUNSHINE.**

**WAWA WORKSHOP MEETING 19th AUGUST 1995
MUNDARING SENIOR CITIZENS CENTRE
8 Craige Street, Mundaring.**

NOTE: THIS IS A ONE DAY MEETING ONLY.

Mundaring Group welcomes all members, partners and friends to their workshop.

CONVENOR AND HOST: Brian Adams.
TRADE SUPPLIER: TIMBECON.

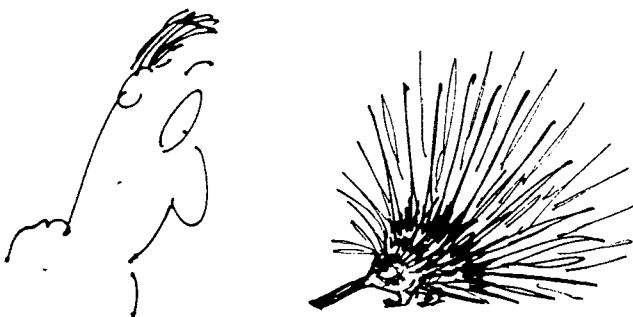
COMPETITION: Cup and Saucer
(may be embellished.)

PROGRAM SATURDAY, 19th AUGUST.

- 8.30 am Venue set up and fellowship.
- 9.30 "Tool Sharpening" with Ivor Bridges (until 4.30pm) Bring your tools and problems along to Ivor and have them sorted out.
- 10.00 MORNING TEA.
- 10.30 "Skew Chisels" - Bill Walters.
- 10.30 Ladies. **"QUILTING" with Elizabeth Myers.**
Your questions answered and techniques demonstrated.
"BEAD JEWELLERY" with Fleur Adams. *Fleur recycles old necklaces and earrings. Bring some along and try it.*
- 11.30 Competition Entries Close, voting begins.
- 12.00 LUNCH B.Y.O.
- 1.00 pm "Pepper Mills" - Neil Piper.
- 2.00 "Dancing Candle sticks" - Brian Adams.
- 3.00 AFTERNOON TEA.
- 3.30 "Dancing Candle sticks" continues.
- 4.00 Competition Voting Closes.
- 4.30 President's Forum. Guess the Wood. Competition Results, Ladies Choice. Show and Tell.
- 5.30 Close and Clean up, load trailer.

A selection of timber will be available courtesy of Bill Walters.

If you have any gear you wish to sell or swap, bring it along.



DON'T BE A PORCUPINE !

**THERE'S NO USE HAVING A LOT
OF GOOD POINTS IF NO - ONE
CAN GET CLOSE.**

**WAWA WORKSHOP MEETING 16/17th SEPTEMBER 1995
LOFTUS COMMUNITY CENTRE Corner Richmond
and Loftus Streets, Leederville.**

"10TH ANNIVERSARY CELEBRATION."

The Committee welcomes all members, partners, friends and visitors to the ANNUAL GENERAL MEETING and workshop weekend.

MC: Viv Paust.

HOSTS: All Your Committee Members.

COMPETITION ITEM: Miniature Pedestal.
(Maximum height 400 mm.)

TRADE SUPPLIER: SOUTHSIDE WOODTURNING
SUPPLIES

PROGRAM SATURDAY 16th SEPTEMBER.

- 8.00 am Chuck wagon arrives, venue set up.
- 8.30 Registration, fellowship, hands on.
- 9.15 "Picture Framing" - Max Hayles.
- 10.00 MORNING TEA.
- 10.30 "Jewellery" - Neil Piper
- 10.30 Ladies. **"Art Stamps" - Margaret Mowday.**
- 11.00 "Burls, Root Balls and Things" - Russ Russell.
- 12.00 Competition entries close, voting begins.
LUNCH BYO
- 1.00 pm "Wooden Clocks " - Brian Adams.
- 1.45 "Carving on Turning" - Peter Lowe.
- 2.30 "Perfumeurs" - Len Nicholls.
- 3.00 AFTERNOON TEA.
- 3.30 - 5.30 ANNUAL GENERAL MEETING. Held in Meeting Room at Recreation Centre.
- 6.00 EVENING MEAL BYO. Please bring plate - Casseroles.
- 7.00 Cutting the Anniversary Cake.
- 7.15 "The Great Lolly Quiz 1995" with Max Hayles.
(A fun quiz - no written answers).
- 8.30 Close.

SUNDAY 17th SEPTEMBER

- 9.00 am "Faux Finishes" (Marbleing and Gilding) - Neil Howe.
- 10.00 MORNING TEA.
- 10.30 "Vacuum Chucks" - Milton Rundle.
- 11.00 "Lathe Maintenance" - Ivor Bridges.
- 11.30 Voting Closes.
- 12.00 LUNCH BYO.
- 1.00 pm President's Forum, Guess the Wood. Competition results, Show and Tell.
- 2.15 Close, Clean up and load trailer.

All 16 FOUNDATION MEMBERS are being invited to attend and we are hoping to see ALL FIVE PAST PRESIDENTS with us on this occasion.

MAKE SURE YOU DON'T MISS THIS SPECIAL

10TH ANNIVERSARY WORKSHOP

AND THE ANNUAL GENERAL MEETING.

COMPETITION MANDURAH, MAY.

Pair of Egg Cups.

There were 24 entries for this competition, (9 beginners, 11 intermediate and 4 open) with much variety in woods, styles and ingenuity. The entries were of a high standard in all classes and I'm sure that those who entered enjoyed making the egg cups match so well. The voting response was good, 94 voted.

RESULTS.

Beginners:

1st Derek Pollard - Jacarandah	(63)
2nd Jack De Vos - Jarrah	(64)
3rd Kevin Halliday - Mulberry	(66)

Intermediate:

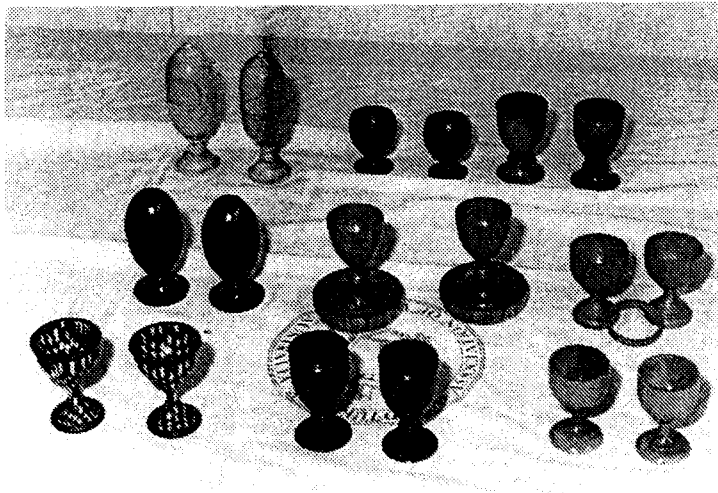
1st Kevin Pritchard - Curly Jarrah/Jacarandah	(46)
2nd Max Hayles - Sheoak	(51)
3rd John Tieman - Sheoak	(47)

Open:

1st Bob Nichols - Jarrah/Marri/Sheoak	(22)
2nd Neil Piper - Mulga	(24)
3rd Len Nicholls - Cottoneaster	(23)

Ladies Choice: John Tieman, "Egg to Egg Cups"

Mandurah Group have kindly provided us with a photograph of the display of winning entries. Beginners in the back row, intermediate in the centre with the open in the front. First place winners are on the left of each row, second in the centre, third on the right.



COMPETITION LEEDERVILLE, JUNE.

Laminated Vase (max diam 200mm.)

This month saw the all-time low in entry numbers for a WAWA competition THREE, (2 beginners, no intermediate and 1 open). Members will just have to stir themselves into action. If the subject is not attractive, the committee needs feedback. Lists of subjects are compiled on the basis of past competitions and with educational value in mind. Come on members, LETS HEAR FROM YOU.

The three items entered were very well made attractive vases and a credit to their makers.

RESULTS.

Beginners:

1st Jim McDonnell - Jarrah/Sheoak	(62)
2nd Frank Leder - Sheoak	(61)

Intermediate: No entries

Open:

1st Bob Nichols - Sheoak/Jarrah	(21)
---------------------------------	------

LETTERS TO THE EDITOR

About 150 of our members leave us each year. Are we too off-handed to new members and novice turners? Where are the junior members? Why do they not stay? I believe we do not pay them the attention their importance demands. If they are eager, we call them "pushy and precocious". If they stand back and wait to be addressed, they are "lazy and lack interest". They are young people in a group of bald headed, cranky old geezers - Is it any wonder they feel intimidated !!

It is our job as seniors, to invite them to participate and include them in discussions, question them about their difficulties and ambitions in the art of woodturning. In short, make them feel welcome and that we enjoy their company and look forward to their remaining with us and to their future success. Let us make a genuine effort to keep them. This is my idea, what do the rest of you think?
Ron AHRENS Member No 841.

WAKE UP MEMBERS. Section 9 of the Constitution plainly states that a member has 3 months after the AGM to renew his/her membership. It is beyond me that some members insist on a longer time to do this. To Kath BASDEN "Letter in June/July newsletter" I agree WAWA is not Telecom, Western Power etc, but WAWA is a business and it must be treated as such. Under the Constitution, NO PERSON within WAWA can give another member extra time to pay an overdue membership fee. In a nut shell, that person is to be cut off if the renewal is not paid before the prescribed time limit and the nomination must be again paid to re-nominate. Also that member should not retain his/her membership number. If you can't afford to pay your membership, how can you afford to operate your own machinery to woodturn.

I often hear from a few members who only attend their group meetings, where they fleece new innovations from those that attend the weekend workshops, ask: "What do I get for my \$20 membership - I can't even get a copy of the Constitution". Well members, I suggest you send a written request with a prepaid envelope and I'm sure it will be forwarded to you. What you get for your money, is what I get for mine - 6 newsletters per year, 11 weekend workshops and for a mere \$4 you get your insurance to and from the workshops with morning and afternoon teas kindly provided by the ladies. My answer to the whining few is this: Get to the workshops and enjoy what is offered by those who make it worthwhile, or when you receive your membership renewal, don't pay it.

I note that there are many "DEMONSTRATORS" on the WAWA books and yet I notice the same ones are coming forward month after month with there services. I ask the Committee a simple question. Why not put all the demonstrators on a register and if any person refuses to make themselves available when rostered at a workshop, apart from genuine illness, their name be eliminated from the list of demonstrators. This would sort the true demonstrators out.

Extracts from Bob POWER Member No. 611.

A different version of Show and Tell.....

Each year in May about 20 of our WAWA members meet at a farm in Wilga. Our host (John for short) shows us a giant curly marri log - we tell him how we would like it cut and in how many pieces. Or John shows us two giant jarrah burls and we tell him how much and what size we would like. This year's "Show and Tell" involved slabs of jarrah, sheoak, globulus etc. cut to size while we waited. Naturally all the timber involved was from storm blown logs collected over some time. As it can be very cold in Wilga in May, John's wife, (Glenys for anonymity) provides a big pot of hot, thick soup for lunch. This goes down very well. I thought this style of "Show and Tell" was worthy of a mention, to let our readers know what our group's philosophy of what WAWA is all about. Do you think we have got it right ?

Extracts form ANOTHER JOHN.

**A FRIENDLY REMINDER ...
"TOYS FOR THE NEEDY" AT CHRISTMAS.**

Well here we are already more than half of the year is behind us, so now is the time to start and think of those less fortunate than our own children and grandchildren.

Once again we are asking for as many toys as possible to be made in time for Christmas. So come on "woodies" get your thinking caps on and start shaping those pieces of wood and see what creations you are able to turn up. Every toy will make a small child happy on Christmas Day. I believe the ladies have a good head start on us, so please see if you can make your lathes run as hot as the sewing machines and knitting needles.

At the September meeting, the Committee would like to see as many toys as possible displayed and so encourage others with ideas and inspiration.

Ian GILLON Member No. 743.

From WESCORP SANDALWOOD PTY LTD.

WESCORP is the processing and marketing agent of WA Sandalwood on behalf of the Department of Conservation and Land Management (CALM). Wescorp would like to hear from people or companies who produce sandalwood craft.

In the future craft may be required for promotional displays or contacts may be requested by shops who would like sandalwood products to sell. The contact list would allow Wescorp to provide this information.

WA sandalwood craft manufacturers should contact Karen Connell at Wescorp Sandalwood on (09) 336 1855 to be included in this directory.

FOR SALE

ONE TEKNATOOL TL 1000 8 speed lathe in good condition. Has turned many prize winning articles. \$750 o.n.o. Call Len Nicholls (09) 339 6490.

ONE LATHE ELU 2 HP single phase 180 mm swing 1000 mm between centres. Bench mounted, includes accessories. \$650 o.n.o. Call Jim Waters (09) 446 1641.

SAW BENCH 10" cast tilt top with 1.5 HP motor, 6" planer as one unit, excellent condition. \$1050 o.n.o. Call Bob Jones (09) 527 4181.

SINGER SEWING MACHINE 401 D300AA (light industrial). Will sew anything from dress material to canvas, leather, shade knit etc. Call Doug or May Chamberlain (097) 251113 (evenings).

VOLUNTEERS NEEDED.

Glen Cox, Social Coordinator of the Australian Federation of Totally and Permanently Incapacitated Ex-Servicemen and Women has contacted WAWA to see if instructors / demonstrators could be provided for their members interested in learning woodturning. They have a total membership of approx. 1700 and range in age from World War II Veterans to Korean and Vietnam Service Members. For further details phone Glen (09) 450 1921.

ROD COCKS, has organised a Woodturning group at:

WANDI COMMUNITY HALL, Lot 33 Liddellow Road, Wandl on the 1st and 3rd THURSDAY every month starting at 7pm.

Contact Rod Cocks (09) 410 2009 for further information. All WAWA members and visitors welcome.

SAFETY WHILST TURNING.

In my role as Safety Advisor over the last two years, I have become aware of the following:

1. Not all weekend Co-ordinators ascertain whether or not I will be at their group's future weekend. Some just assume that I'll be available. We all know that to assume makes an Ass out of U and ME.
2. Are FACE MASKS which are available serviceable ? Or are they so badly scratched that there would be a temptation not to use them ? Users can complain.
3. GRINDERS. Are the spark shields firmly held and in place? It only takes a moment to wipe the dust off the shield before starting the grinder.
4. Do we always stand to the side of the grinder when starting and stopping it ?

These few questions are not levelled at anyone in particular, but aimed at keeping us all aware that a machine is only as safe as its operator. Jim Waters Member No. 444.

WOODTURNING ODE (2)

*Under the shade of the cherry tree,
I sit quietly reading, cat upon knee.
The sun is warm, no cloud in the sky,
A perfect day in late July.*

*The hum of the lathe is the only sound,
Then a burst of song reverberates round.
Oh, happy the man by his hobby fulfilled.
Creating beauty with hands that are skilled.*

*Idly I ponder on what's being made,
Please, no more bowls 'cos I'm sorely afraid
We will need an extension to house them all soon.
Other people build kitchens, I want a bowl room !*

*All of a sudden, a crisis, oh dear.
Those words are not fit for a lady to hear !
I can guess what has happened, no need to explain,
That damned skew chisel has slipped again!*

*I put on the kettle, then went to the shed.
"Cup of tea, dear" was truthfully all that I said
and "Don't worry about it I'm sure it won't matter
Just make it smaller and call it a platter !"*

*Now I'm in ward 9 with a bowl on my head,
A doctor and nurse by the side of the bed.
The motto of this story is not very long:
Leave him alone when the turning goes wrong !*

Many thanks to Rex and Jo Bungey of Martin, who sent this in. They acquired a copy when they were in Daintree recently.

**MATTERS TO BE DISCUSSED AT A.G.M.
WAWA (INC) LIFE MEMBERSHIP.**

Observations and recommendations from a sub committee appointed by the Management Committee to consider matters relating to submission, recommendation, processing and recording of matters relating to Life Membership submissions. Sub committee members - G Barkla, I Bridges, J Lathwell and M Rundle, all Life Members of the Association.

The Constitution provides that the Association may appoint not more than two members in any one year as "Life Members". Nominations should be from another member, in writing, addressed to the Secretary and received by the Secretary not less than two calendar months before the A.G.M. is held.

Recommendation.

1. That no amendment be made to the Constitution in relation to the number of Life Memberships which may be granted in any one year, but an amendment be made requiring the cut off date for receipt by the Secretary to 30th June in that year.
2. That the Management Committee appoint a committee comprising four (4) Life Members, and the Management Committee President for the time being, ex officio, to make recommendations to the Management Committee concerning any nominations which may be received.
3. Nominations to be fully documented, and addressed to the Secretary, who shall deliver applications to the Convenor of the Life Membership Committee.
4. All nominations to be kept confidential.
5. In considering all nominations the Life Membership Committee shall take the following matters into consideration:
 - (a) Term of Membership
 - (b) Leadership Characteristics
 - (c) Contribution to the Association
 - (d) Advancement of Activities
 - (e) Any other matters deemed appropriate
6. That the Association shall keep a file recording full details of Life Memberships granted, including a copy of the Certificates and the Citation for each individual recipient.
7. That the Certificates shall be of a standard format and framed.
8. That subsequent to the award being granted, the Citation shall be published in the Association Newsletter.

Should the above recommendation be adopted the following amendments will need to be made to the Constitution:

- (a) Clause 10(1) be amended by deleting "at least two (2) months prior to the Annual General Meeting" and replacing it with
- (b) "prior to the 30th June."

AWARDS OF MERIT

The Committee recommends that groups be authorised to grant an **AWARD OF MERIT** to members of a group who the group consider is worthy of such an award. This award may also be made by the Association to members and associate members.

It is considered that there was no need to impose any limit on the number of awards which may be granted by the Association, or a group. However, it was considered that the granting of large numbers of awards would tend to lower the worthiness of the awards.

It was considered that any of these awards made by the Association should be made at an appropriate time but NOT on the same day as the Life Membership awards are presented.

Groups would be required to finance the cost of framing their awards and they would be required to provide the Association with full details of the Award granted and a copy of the related Citation.

MEMBERSHIP - NOTICES OF MOTION.

The Committee of Management appointed a Committee comprising Messrs Croft, Leggo and Rundle to review the Constitution in general with particular consideration to be given to the matter of Membership. The Sub Committee has submitted the following recommendations (which have not been endorsed by the Committee of Management) but are submitted to the AGM as notices of motion.

That the Constitution be amended as follows:

1. That the definition of "Associate Member" be amended to read - "Associate Member" means the spouse or partner of an Ordinary Member or a Junior Member.
2. The present Clause 7 to be renumbered 7 [1].
3. A new sub clause be included as follows:
7 [2] Notwithstanding the provisions of Sub clause [1] Associate Members shall not be required to complete any application form for membership or to pay any nomination or subscription fee.
4. The present Clause 9 to be deleted and a new clause be substituted therefor

9 [1] Persons who become Members of the Association may renew that membership each year by paying within the prescribed time, the membership fee. The membership fee, as determined by resolution each year at the Annual General Meeting, shall be due an payable immediately following the conclusion of the meeting.

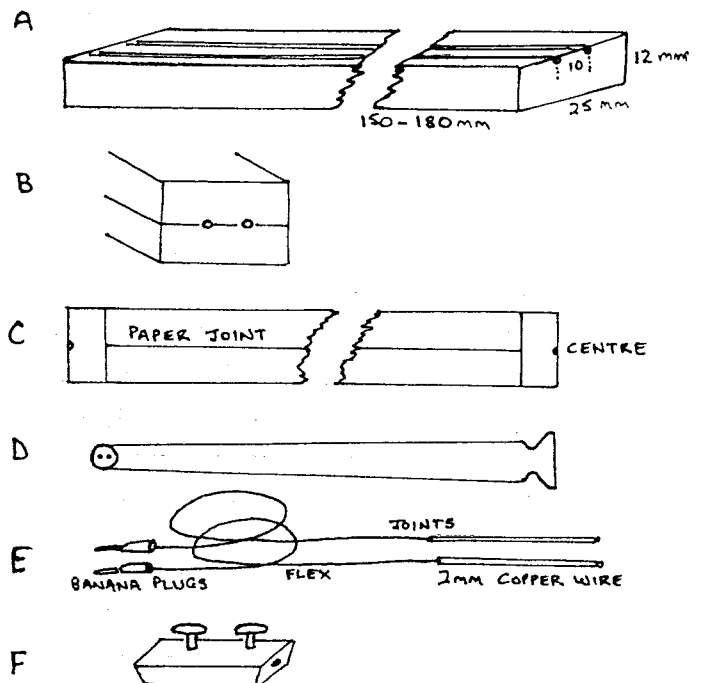
9 [2] After the 31st January in each year, no Newsletter or other communication, except as described hereafter, shall be forwarded to any Member who has not renewed membership.

9 [3] During the month of January in each year, Members who have not renewed membership shall be written to and requested to pay the fees due.

9 [4] Members who have not paid the membership fee by the end of August in any year, shall be forwarded a notice of the Annual General Meeting and an individual statement for membership fees due.

ILLUSTRATIONS RELEVANT TO GERALD YOUNG'S INSTRUCTIONS FOR PYROGRAPH PENS.

See Next Page.



**WOODTURNERS ASSOCIATION OF WA (INC.)
Committee and Group Convenors and Secretaries 1994/95.**

PRESIDENT Russ Russell Phone/Fax: 09 337 7631 Mobile: 019 68 1098	VICE PRESIDENT Neil Piper Phone: 09 398 2387	SECRETARY Neil Basden Phone: 09 349 1082	TREASURER Milton Rundle Phone: 09 385 9559	PAST PRESIDENT Jon Croft Phone: 09 527 8048
COMMITTEE SHOP/C/SHOWS Co-ord. Ray Bowra Phone: 09 349 9310	MONTHLY W/SHOPS Max Hayles Phone: 09 349 4125	VIDEO LIBRARIAN Neil Piper Phone: 09 398 2387	ACTING SECRETARY Les Small Phone: 09 364 6143	Ian Gillon Phone: 09 446 6428
Jim Waters Phone: 09 446 1641	Kevin Pritchard Phone: 096 42 1332	Alan Giddings Phone: 09 364 4930		
PROPERTY OFFICER Dig Constant Phone: 09 349 7637	MEMBERSHIP (Reg) Cheryl Russell JP 19 Mopsa Way Coolbellup 6163 Phone/Fax: 09 337 7631 Mobile: 015 382 953	EDITOR Robin Halbert PO Box 941 West Perth 6872 Phone: 09 322 2633 Fax: 09 321 1172		

CONVENORS AND SECRETARIES

Group	Convenor		Secretary	
BUNBURY	Mick Johnson	Phone: 097 21 4164	John Shinnick	Phone: 097 26 1020
BUSSELTON	Ray Batt	097 52 1351	Charles Sexton	097 55 3445
CENTRAL MIDLANDS	Keith Lenane	096 51 1904	Les Lenane	096 51 1248
CENTRAL SOUTHERN	Richard Keyser	096 42 1167	Kevin Prichard	096 42 1332
COLLIE	John Wallace	097 34 1209	Joan Stanton	097 31 8291
KENWICK	Gerald Young	09 399 5002	George Herring	09 459 3664
MANDURAH	Ray Quadrio	09 535 2755	Neil Armstrong	09 534 3355
MELVILLE	Ron Goodson	09 364 2431	Cheryl Russell	09 337 7631
MIDVALE	Ken Locke	09 299 7370	Clem Stewart	09 274 6007
MUNDARING	Brian Adams	09 295 4486		
NORTH OF THE RIVER	Ron Ahrens	09 447 9214	Peter Lowe	09 387 5268

PYROGRAPH PEN.

Commercial pyrograph pens are usually made from plastic tube and are bulky to handle. By making your own, you are able to make them of a thickness and shape that fits your hand, at much less cost.

The following is my way, with the relevant illustrations on page 6:

Two pieces of nicely grained hardwood for each pen body. [A] Make twin parallel half round grooves in each piece as per drawing, spaced approximately 10mm apart. The grooves should accommodate 2mm (approx) copper wire when placed together. [B] Glue two pieces together with PVA paper joint. Hot melt small block of wood on each end and find, mark and indent centres. [C] Turn pen to a shape that suits your hand, with bulbous end, sand and finish it to suit. [D] Split off blocks and separate halves by parting paper joint with a chisel/knife. Clean off glue/paper residue.

Solder 2 metres of twin flex plastic covered wire neatly to two lengths of 2mm copper wire (150mm long approximately), available from Scrap Metal merchants. [E] File flat on each wire to half the diam. to make room for the soldered joint. Place flex/wire assembly into pen grooves and fill space and adjoining faces with epoxy, place together and hold in place with rubber bands. Allow to harden overnight and clean-up squeeze-out with scraper/abrasive. There should be 20mm of copper wire protruding from pen to accommodate a pair of terminal cleats [F] obtainable from Tandy.

The soldered joints in the pen body should be placed at roughly 2/3rds of the distance from the pen tip. This gives adequate support to the flex whilst providing maximum length of thick copper to distribute heat away from fingertips. Fix 25mm loop of NICHROME wire (20-22mm gauge) into the cleats and the pen is ready to use. Make sure that the screws in the cleats are very tight as the heat in the NICHROME wire tends to oxidise and loosen the connection. NICHROME wire is available from PROCHEM SUPPLIES, 6 Forge Street, Welshpool. Telephone: (09) 458 7777.

These pens take around 2 amps at around 1.5 volts (AC or DC). Contact me on (09) 399 5002 for information on power source.

Gerald Young.

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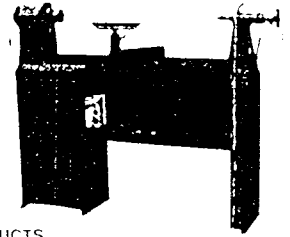
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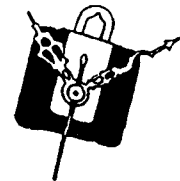
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