



Newsletter

Next Monthly Meeting — May 2, 2023 at 7 PM

Via Zoom

(Zoom Invitation to be sent to club members by email)

COMMUNITY
BULLETIN BOARD

Check out
Who's got What
FOR SALE

BRING & BRAG

Click above to be
taken directly to view
projects from fellow
members

MEETING MINUTES

Click above to see what
you might have missed
at the last meeting, or
the Board of Directors
meeting

**Connect with
your fellow
members:**



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Click the underlined title in the boxes above to be taken directly to that section of the newsletter.

A Message from the President...

Hopefully by now most of you have heard about the donation of a shop full of woodworking tools that the club received a couple of weeks ago. A major topic at the Board Meeting this month was how the club could best honor the wishes of the donor. His desire was that the club would benefit from his generous gift. Following are the ideas the Board agreed on.

The larger items such as the SawStop table saw, Ridgid Planner/Jointer, DeWalt air compressor and possibly some other items will be researched and fair and reasonable price will be set for each item. Anyone interested in buying that item at the set price will be given one raffle ticket. The winning ticket holder will have the right to buy that item.

Remaining items will be evaluated for usefulness in other ways. Some items such as the Craftsman dovetail router jig, the vertical mortising machine, and

possibly others will be kept and stored with the club supplies to be loaned out to members that have an occasional need for these tools.

This will still leave a fairly large number of items that we will sell using a "silent auction" type format. Each item (or group of items) will have a bid sheet with it that bidders will put their name and amount they are bidding on. Buyers that want to make an increase to the bid may do in the same manner. This will continue for a set amount of time. The highest bidder when time is up is the winner.

We have created a temporary committee that will be evaluating the tools, setting prices, and will be determining a time, date, and place to conduct the sale. Watch for more information !

Also, elsewhere in the newsletter, be on the lookout for an announcement from Jerry Couchman about Lyle Hand's woodworking tool sale coming up.

John Ellis, NCWA President

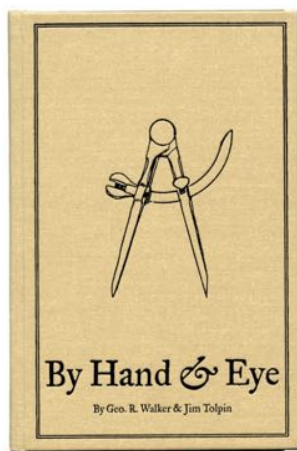
May 2nd at 7 PM!

Via Zoom Only

Design without Recipes

presented by George Walker (co-author, with Jim Tolpin, of *By Hand and Eye*)

<https://www.byhandandeye.com/>



Most of us look up a recipe when we want to cook something new in the kitchen. Design is like that. We reach for a set of plans - a recipe before tackling a project. Truth is, designers (and cooks) that are able to create on the fly aren't winging it. They've learned a few basic skills that set them free to create, like understanding proportions, simple shapes, and lines. This is an introduction to designing without recipes. Hopefully, you'll get a taste of a few of those fundamental design skills that can open up the world of design.

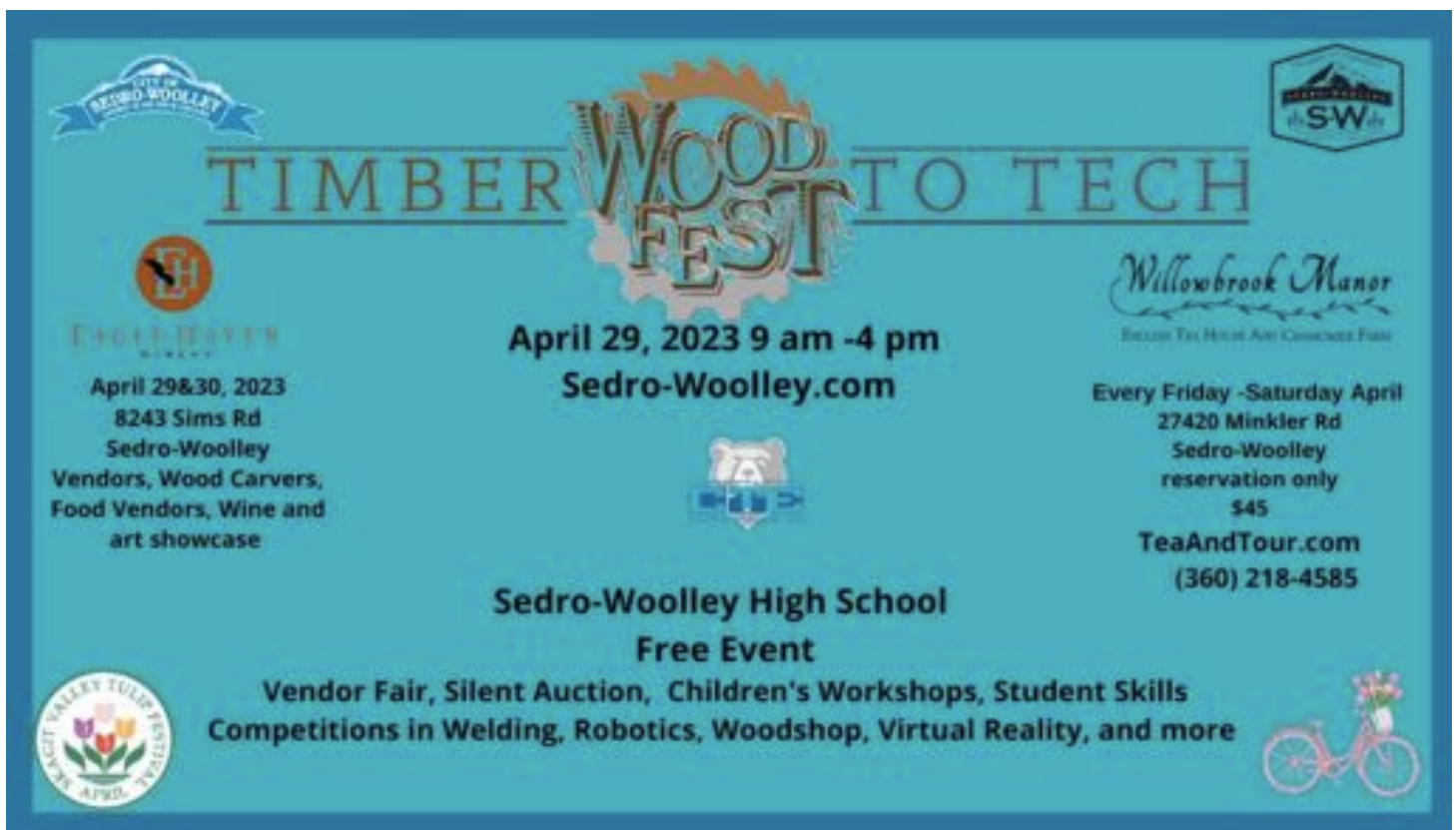
About George Walker -

An avid woodworker for decades, like many I started wondering about design. Curiosity led me to dive into historic literature about architecture and furniture design. I began writing about what I was learning until my path crossed with Jim Tolpin. Together, we teamed up and wrote "By Hand & Eye", which was followed by three more books about design, and a fifth is in progress. Our goal is to uncover the timeless design skills that inspired our ancestors and re-ignite them for modern woodworkers.

Mark Your Calendars

May 2ND GENERAL MEETING (VIA ZOOM ONLY) – *Design Without Recipes* will be presented by George Walker, co-author of *By Hand and Eye*, and an expert woodworker.

JUNE 6TH GENERAL MEETING – The June 6 program will be a field trip to the shop of one of our newest members. Richie Adams, who lives in the Ferndale area and operates his own woodworking company, Wayneson Custom Wood Working. He “rescues” nice trees that could end up as firewood and chips whenever he can, and turns them into beautiful live edge slabs. He has his own sawmill and kiln and will show us his operation. He also has a nice supply of live edge slabs that can be purchased.



TIMBER WOOD FEST TO TECH

April 29, 2023 9 am -4 pm
Sedro-Woolley.com

Sedro-Woolley High School
Free Event

Vendor Fair, Silent Auction, Children's Workshops, Student Skills Competitions in Welding, Robotics, Woodshop, Virtual Reality, and more

April 29&30, 2023
 8243 Sims Rd
 Sedro-Woolley
 Vendors, Wood Carvers,
 Food Vendors, Wine and
 art showcase

Every Friday -Saturday April
 27420 Minkler Rd
 Sedro-Woolley
 reservation only
 \$45
TeaAndTour.com
 (360) 218-4585

Highlights from George Knutson's recent Greene and Greene Mirror Class —

Last month George Knutson conducted two very successful classes where the participants made beautiful Greene and Greene style mirrors in Sapele. The class conducted over a weekend, saw six beautiful mirrors come to life. And some very excited NCWA woodworkers learn new skills and become very proud of their accomplishments. The class was excellent, and George was a brilliant teacher by providing excellent advice and easy to follow instructions, templates and techniques. I think the smiles and the finished mirrors speak for themselves. Special thanks to Laura, George's wife for taking the photos and hosting the snacks. – *Submitted by Barry Tonkin*



Bring and Brag

(From the April 4th Monthly Meeting at the Mount Vernon Christian School)



Moxon Vice – *Greg Koenker* Crafted from beech and maple, finished with Osmo.

Rocking Chair – *Barry Tonkin* Sapele, finished with Rubio Mono-coat. Built in a class at Tom & Jennifer Dolese's Terra Firma Design.



Toys – *Christi Brua Weaver* Crafted from Maple and Cherry. Final sanding and finishing to come.



Intarsia Nutcracker – *Joan Mann* This Nutcracker is crafted from 59 different pieces from 8 different species, including:

Ebony
Blue Pine
Yellowheart
Redwood
Aspen
Spalted Maple
Walnut

Small Box – *Mike Titus* Crafted from Ash and Cherry, and finished in Beeswax.

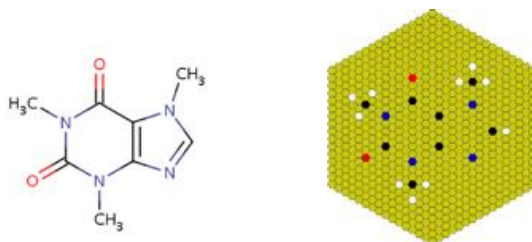


Woodblock Prints – *Jim Redding* Baltic Birch Plywood, printed on a mechanical etching press.



Coffee Marble Table – *Dana Wolf* This project is a small coffee table made of Sepele wood with a caffeine-molecule themed top.

The original plan was to cover the top in hex-tiles that would depict the structure of the caffeine molecule (black = carbon, white = hydrogen, red = oxygen, blue = nitrogen), like so:



When it became difficult to locate hex tiles of the right size and color, I decided to use colored marbles, sandwiched between a clear glass top and a base plate.

The hexagon shape for the top was a natural choice based on the marble pattern used in the layout and was also consistent with the “chemistry” theme. To carry that theme further, the legs and bottom stringers are hexagonal in cross-section. For stability and simplicity, I opted for three legs rather than six.

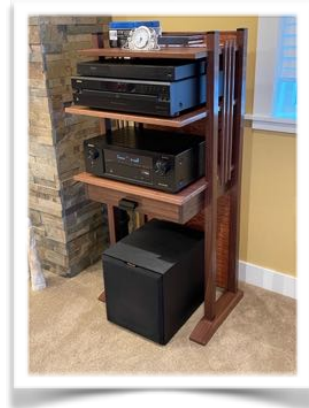
Sapele wood is used throughout. It was the right color and works easily, however it does tend to burn.

Stock for the top frame was shaped using a table saw and router table. The lengths for the top frame had to be sized carefully to ensure that the final frame was slightly larger than the packed marbles (the difference was filled with a foam cushioning strip). The legs were cut on a table saw using a Rockler taper jig and a custom V-cradle to support the pieces.

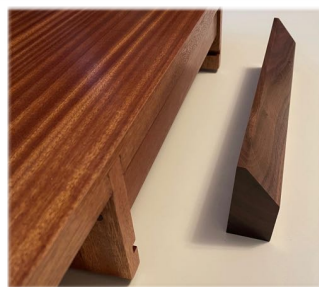




Audio Stand – *Mark Kraus* The original audio stand I built about 30 years ago was not serving the present purposes well, so I built this stand. I wanted the audio stand's design to meld with the dining room table I made which is located nearby. The frame is black walnut, with black walnut veneered plywood for the horizontal shelf parts. The drawers are made from hard maple, with a carved ebony drawer pull. The rear panel is bosse cedar veneer on plywood (bosse is related to sapele from Africa). This veneer has a striking shimmering figure and amazing chatoyance. Finish is General Finish Arm R Seal.



Wall Shelves – *Mark Kraus* My sister in Florida wanted a pair of wall shelves for either side of the bed in the guest room. Due to the room's shape, the shelves needed to be small and attach directly to the wall. I made the shelves from sapele, with cherry for the drawers. The shelves will attach to the wall via a wooden interlocking cleat that will be totally hidden once installed.





Community Bulletin Board

If you'd like to let other members know of tools or wood you have for sale, or if you offer any type of service you feel would benefit members, here's the place to post it. Just send King Dahl an email at kingdahl1@gmail.com for inclusion in the monthly newsletter.

TOOL SALE IN BELLINGHAM

MAY 20TH 10 AM - 2PM

Lyle Hand was an active member of NCWA for many years and sadly passed away about 7 years ago. His widow recently passed so the family wants his tools to go to new NCWA shops.

The inventory with sale prices and descriptions will be sent to the membership on May 13th BY CLUB EMAIL. To give everyone an equal shot at certain items, we will use a raffle system.

If you see an item listed in the email for \$50 or higher that you can't live without, contact Jerry by email to join the raffle list for that item at the advertised price. If you are uncomfortable doing that without looking at the tool, you have until 11 am on May 20th to get on the raffle. If you are the only one that wants to buy an item, it's yours.

If more than one, then we will draw a name for that item at 11 AM on May 20th.

All other items will only be available at the May 20th sale.

MAJOR SALE ITEMS (There's a lot more) –

Grizzly Contractor Saw
Rockwell Sonicrafter
Porter Cable Trim Router
Dowel It Jig
Stainless Dial Caliper
Delta Scroll Saw
B&D Shop Vac
Hitachi Cordless Drill
Grizzly Air Filter
Emmerich Block Plane
B&D Router
Pneumatic Stapler

Grizzly Bench Drill Press
Delta Wet/Dry Grinder
Two Spray Guns
Kreg Pocket Hole Kit
Grizzly 14" Band Saw
Fein Multimaster Sander
Craftsman Sabre Saw
Pneumatic Nailer Wood Kit
Sears Compressor
Mini Airbrush Compressor
Two Honing Guides
Craftsman Jointer

Jerry's team has established reasonable prices, but will accept reasonable offers on the day of the sale. Lyle's wood stash is also available FREE TO MEMBERS who purchase items. There will also be many other *FREE ITEMS! DON'T MISS THIS ONE! WATCH FOR DETAILS ON MAY 13TH!*

Meeting Minutes

Minutes of the NCWA General Meeting

April 4, 2023

Call to order: 7:07

Vote on Format Change

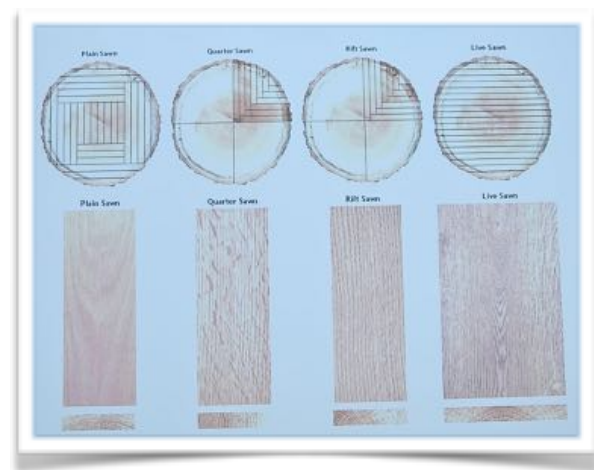
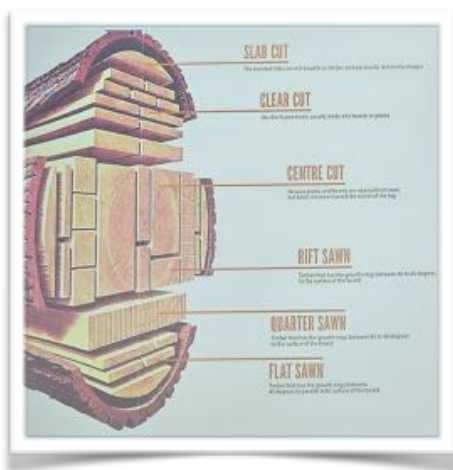
Should we combine Bring & Brag and Break into one 20-min segment or keep as two separate 15-20-minute segments?

- Majority chose to keep Bring & Brag and Break as they are

Presentation

Russ Yeager, Edensaw

- 60,000+ species of trees
- Most abundant hardwoods in US are red and white oak
- Hardwoods are most abundant in eastern half of US, WA (alder and western maple), OR (walnut and white oak), northern CA
- Softwood vs Hardwood
 - Softwood has more sap wood, comes from conifers
 - Hardwood is mostly heartwood with a little sapwood around the outside, deciduous
- Different cuts: plain sawn, quarter sawn, rift sawn, and live sawn wood, center cut (less desirable), and slab cut
- 6 different types of grain pattern: straight, irregular, diagonal, spiral, interlocked, wavy



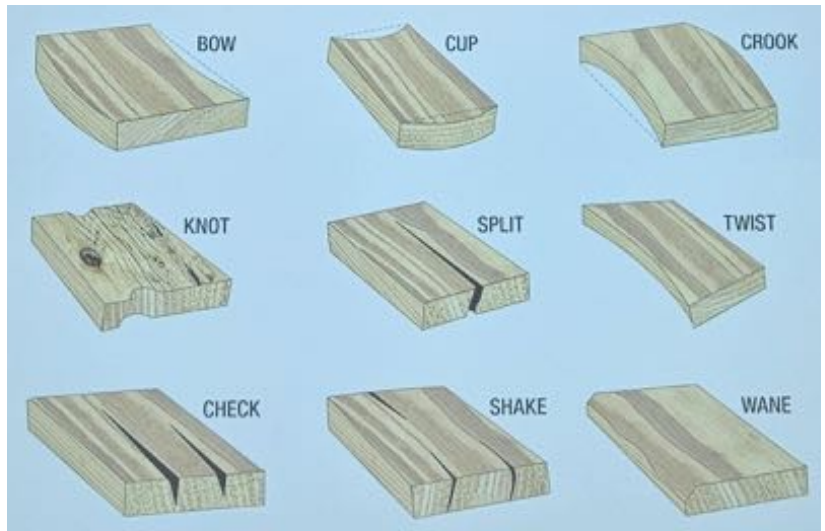
- Grading hardwood
 - FAS is the clearest, nicest grade

- Prime grade (created by lumber mill) is equal to or a little better than FAS, and includes color as a graded characteristic
 - Recommends buying 1.5 to 2x the walnut that you need if you want to ensure even color
- Other grades, highest to lowest: F1F; Select; #1 Common; #2A & 2B Common; #3A Common; #3B Common
- Hardness - Janka hardness scale. One of the hardest is Ipe, which also has a class A fire rating, at 3680. White oak is 1360 on Janka scale.
- Moisture equilibrium content (wood outside, not getting rained on) - Seattle Tacoma in April is 13.7%. 13-14% is average for the year.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
15.6	14.6	15.4	13.7	13	12.7	12.2	12.5	13.5	15.3	16.3	16.5

- Different durabilities of timber when left outside:
 - Class 1 (most durable 25+ years): Teak, Ebony, Rosewood, Padouk
 - Class 2 (15-25 years): American Mahogany, European Oak
 - Class 3 (10-15 years): Cherry, American & European Walnut, White Oak, Purpleheart
 - Class 4 (5-10 years): Maple, Yellow Poplar, African Walnut, Red Oak, Hickory
 - Class 5 (less than 5 years): Red Alder, Poplar, Aspen, Ash, Birch, Beech, Sycamore
 - Most cedar being cut now is young growth so it's not as rot-resistant as old cedar.
- Arbor Wood Co makes thermally modified wood
 - Heats lower grade wood like Pine and Ash to 425°, cooks out the sugar so nothing wants to eat it anymore and it becomes extremely durable.
 - Used in decking, rain screens, outdoor furniture.
 - Color gets darker, density increases, and it becomes harder.
 - Other companies thermally modify Hemlock and Douglas Fir. Not all woods work well with this process
 - Different from steaming: Steaming doesn't get to the same temp and doesn't cook out the sugars.
- Dimensions of wood: 4/4, 5/4, 6/4, 8/4, 12/4 are most common
- Things that can happen to your wood:
 - Shake usually happens when a tree falls and hits the ground
 - Is there any way to bend a cupped or curved piece of wood to be flat?
 - Not really, wood tends to do what it wants to do. Planing is the best way to flatten wood.
- Veneers and Plywood
 - Veneer logs are nice logs, clear and knot-free

- Types of veneer cuts:
 - Rotary - log is rotated and peeled like a carpet roll
 - Crown Cut - through the heart of the wood
 - Quarter Normal Cut
 - Quarter Rift Cut



- Plywood Core types: all veneer core; veneer core with thick or thin layer of MDF under face veneer
 - No plywood manufacturers recommend veneer-core plywood for cabinet doors. Recommend MDF core because it's more stable.
- Plywood manufacturing is very labor intensive. Sorting and grading veneers, stacking core stock and spreading glue, loading into press, all done by hand.
- Why is there not much of a market of thicker faced veneers? Money. It would cost like \$500-\$600 per sheet.
- More layers are stronger, like Baltic Birch. Majority comes from Russia, so it's harder to get right now.
- Difference between Baltic Birch and ApplePly: the face. Same core, but with a Maple face. EuroPly is also the same core with Maple face.

- FSC: Forest Stewardship Council, an independent entity that ensures wood is sustainably harvested
 - All steps have to be FSC-certified; employers need to be paying a sustainable wage no matter what nation they're in
 - Forest Management Certification - no clearcutting, limited herbicides
 - Chain of Custody Certification - saw mill, factory, processor all have to keep the wood separate from non-FSC wood to ensure chain of custody can be followed
 - Not everything is available as FSC-certified.
 - Sapele is sometimes FSC-certified
 - Cherry, Red Oak, Ash, Eastern Maple are usually always FSC-certified.
 - Walnut is hardly ever FSC-certified.
 - Plywoods can be FSC-certified; majority of Edensaw's domestic plywoods are.

Bring and Brag

- Barry Tonkin - Sapele rocking chair, finished with Rubio Monocoat, built in a class at Terra Firma Design (Tom Dolese's company)

- Jim Redding - woodblock print, print carved on baltic birch plywood
- Mike Titus - Small box made of ash and cherry, finished with beeswax
- Christi Brua Weaver - Safari animal toys made of maple and cherry
- Joan Mann - Intarsia Nutcracker made of 59 pieces of wood and 8 species including ebony, blue pine, yellow heart, redwood, aspen
- Greg Koenker - Moxon vice made of beech and maple, finished with Osmo

Committee Reports

- **Programs:** Still looking for members
- **Shows:** Woodfest is Saturday, April 29, looking for greeters, demonstrators, and display pieces or pieces to sell (10% goes to club and you need to volunteer in some way). Contact King Dahl if you're interested.
 - Newsletter typically goes out the weekend before the meeting. If you want to include something, send it to King as you want it to be printed. Ideally, send the week before the meeting. If you send too early, it will get lost in his inbox.

Old Business

- Still looking for photographer(s) - Peter Gann will continue to take pictures, but would be nice to have a backup or two
- Storage for club supplies
 - Can any member store tables, canopies, boxes of stuff?

New Business

- Club received a donation of tools, including SawStop and jointer. Possibly to auction or donate. More information to come.

Winner of raffle: David Shull and new member Scott Clark

Adjourn: 9:20pm

Minutes of the NCWA Board of Directors Meeting

April 14, 2023

Attendees:

John Ellis, Nick Pederson, Greg Koenker, Al Ashley, Andrew Pellar, Tony Etienne, King Dahl, Jerry Couchman, Bill Pierce, Peter Gantt, Mike Titus

Call to order: 7:06pm

Treasurer's Report - Al Ashley

- See Al's report for details
- About \$2,700 more than this time last year

- 212 members (includes late renewals) vs 206 a year ago; 12 new members this year
- April raffle: \$166
- Largest expense last month was for 50 logo hats for \$1,120.64
- 2023Q1 financial report: Koa wood sale (proceeds of about \$1,500) and logo hats (expense of about \$1,200) were not budgeted for the year
- Board approved report unanimously

Committee Reports

Membership Committee - Jerry Couchman

- 1 new member in March; 1 new member in April
- Badge not yet made for new member. Jerry will send name to Greg

Programs Committee - Peter Gantt

- May: Zoom, George Walker, confirmed
- June: Live, Jewell James, totum carving, tentative - Peter is still working on this but it's still up in the air (Richard and Charlie both have possible backup presentations)

Library Committee - Bill Pierce

- No updates

Shows Committee - King Dahl

- Woodfest: King will send out schedule for volunteers
- John Ellis has sandwich board that they used for Anacortes Arts Festival to post demonstration schedule
 - King will print out the schedule to tape to sandwich board
- Jerry's schedule changed and he can bring the trailer and volunteer all day, will pick up benches and shave horse. Peter can help load up trailer.
- Set up begins at 7am Saturday.

Education Committee - Andrew Pellar

- Getting a few classes scheduled but having a tough time finding teachers
- Discussing alternative formats like bigger classes that are less hands-on
- Will try to schedule classes in July and August, which we haven't done in the past

Old Business

Bring and Brag Photographer

- Peter Gantt is the new photographer for Bring and Brag and will send photos to King
- Would be good to have one or two backups

New Business

Long-Term Storage Issues

- David and Sascha have been storing festival equipment for years and can't keep it any longer
- Will need to find a new storage space by the end of WoodFest.
- Options presented included renting a commercial storage unit, purchasing a used utility trailer, or finding a member to store on their property (perhaps help them build a shed)
 - Jerry is winding down woodworking business, so doesn't anticipate having to use his trailer for a lot of deliveries. Planning on donating trailer to the club eventually. In the meantime, equipment could easily fit in his trailer. Already has some NCWA stuff stored in his garage. Eventually someone will need to take his trailer off his hands, but he can keep it for now.

Tool Donations

- Acquaintance of a member donated Saw Stop + accessories, 6" jointer, air compressor, and more, ~75 items
- Looks like \$7,000 worth of tools, a lot are fairly new
 - Donor wanted club to have it to benefit the club somehow
- How do we want to deal with it? Suggestions included:
 - Ray DeVries, substitute shop teacher in Lynden, would like to see list
 - Brannon says Mount Vernon Christian School does not need anything
 - Some members have really nice shops but some have very few tools. Can we get tools to people/new members who don't have the means? Sell to members at reasonable rates and benefit the club with proceeds.
 - Could use money to increase presenter fees or for travel expenses for a presenter
- Sales options:
 - Live auction could bring in more money but could price some people out, especially newer or younger members
 - Hold a sale on a specific day/time. Distribute list with newer tools with sales price. Newer would be priced at 75% of retail; good shape 50% of retail; used 25% of new. First come, first served. No one can come early.
 - If we want to get tools into hands of people who don't have one, don't allow people who already have the tools bid on them, allowing people who don't have them to get them.
 - WINNING IDEA: Better to get them to people who will use them and don't have the budget to buy a new tool, and eliminate feeding frenzy of first-come, first-served. Put a decent price on things and then interested members, who agree to that price, put their name in for that tool, and we draw out a name for each tool. Everyone has the same chance of getting it at the same price. Don't think purpose should be to get top dollar for everything.

- There seemed to be a lot of interest in getting tools into the hands of people who need them most.
 - Club doesn't need the money, we have a healthy budget. What can we do with money?
 - In the past, club has wanted to use proceeds from sales to help people learn to be better woodworkers, but we never found a good way to do that or earmarked money for a specific purpose.
 - Make a decision later on the smaller items
 - Maybe we have it available for loan (tool library). Depends on storage.
 - Raffle prizes
 - Silent auction
- Can 2-3 board members come down to John Ellis' house to go through donated tools to present to Board next month?
 - Jerry, Al, and Peter have volunteered

Upcoming Tool Sales

- Jerry and a few other members are going through tools from a former member and will plan to have a one-day sale, probably May 20. Funds will go back to family.
- Jerry and a few other members will go through Jim Hickey's tools and have a sale this summer.
- Andrew has taught hand tool rehab and Charley does power tools - maybe if there are tools that need work, we do a class to restore some of these.
 - Could also sell some of the small stuff at in-person meetings

Adjourn: 8:11pm

Preferred Vendors offering DISCOUNTS to NCWA Members: NORTH –

Hardware Sales

Bellingham Millwork

Hardwoods to Get

Windsor Plywood

Village Books

WEST –

Sebo's Hardware

SOUTH –

Martin Lumber/True Value

Stormo Hardwoods

E & E Lumber

CENTRAL –

Ekrem Hardware

Karl's Paints

Mt. Vernon Building Center

Cedar Country Lumber

Sherwin-Williams Paint

EAST –

E & E Lumber

SPECIALTY –

Edensaw Woods

FASTCAP

Klingspor

NCWA is open to all interested woodworkers, and was formed to promote high standards in woodworking, woodworking education and showcasing local woodworking. Meetings are generally held on the first Tuesday of each month at 7:00 pm. Dues are \$35 per year, payable to NCWA, 26220 48th Ave NE, Arlington, WA 98223. Submit newsletter articles by email to kingdahl1@gmail.com.

NCWA 2023 Board of Directors:

President – John Ellis

Immediate Past President – Greg Koenker

Vice President – Nick Pederson

Treasurer – Al Ashley

Secretary – Christi Brua Weaver

Members at Large – Peter Gantt, Chuck Barnett, Craig Edwards, Tony Etienne

Committee Chairs:

Programs Committee – TBA

Library – Bill Pierce

Education – Andrew Pellar

Membership – Jerry Couchman

Shows – King Dahl

Shop Tours – TBA

Toys for Tots – John Braun

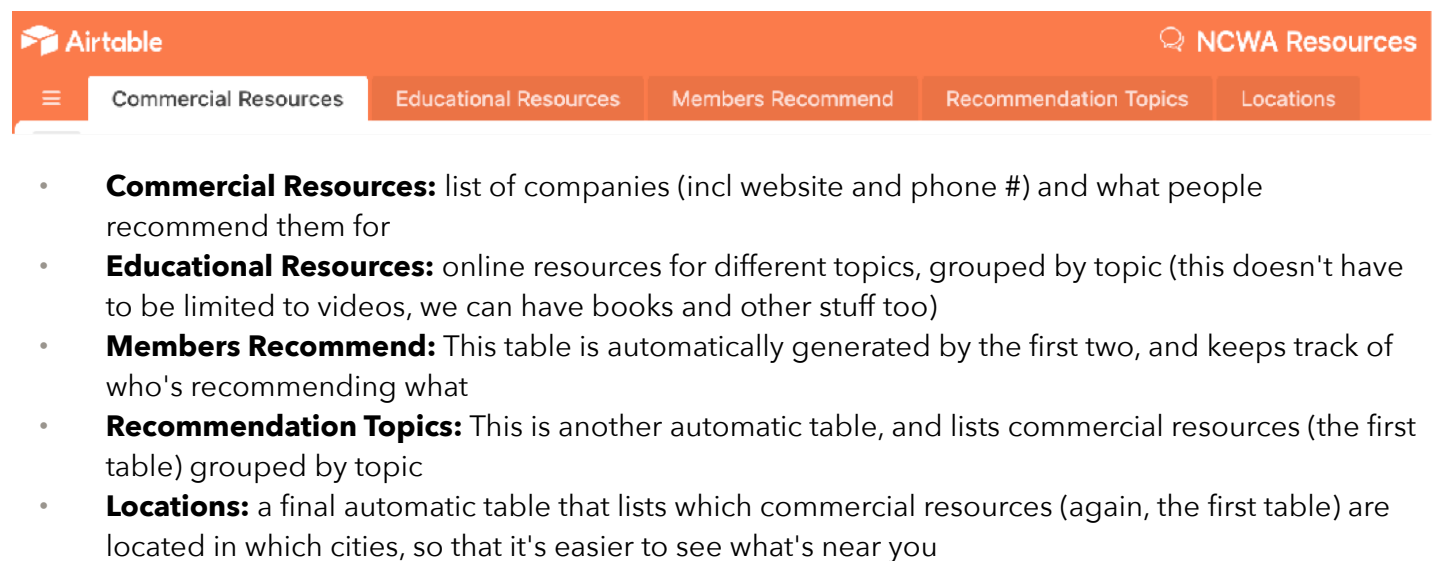
Webmaster – Michael Titus

Newsletter – King Dahl

NCWA Resources

Click this link – [NCWA Resources](#) – for our user-friendly database serving the purpose of storing information about recommendations from NCWA members.

There are 5 tables (1 tab for each) across the top, you can click each one to see its contents. This page is evolving and being updated in real time, so there will be new additions frequently.



- **Commercial Resources:** list of companies (incl website and phone #) and what people recommend them for
- **Educational Resources:** online resources for different topics, grouped by topic (this doesn't have to be limited to videos, we can have books and other stuff too)
- **Members Recommend:** This table is automatically generated by the first two, and keeps track of who's recommending what
- **Recommendation Topics:** This is another automatic table, and lists commercial resources (the first table) grouped by topic
- **Locations:** a final automatic table that lists which commercial resources (again, the first table) are located in which cities, so that it's easier to see what's near you

Let Tony know, or post on NCWA-Chat, what you think. This has the potential of being a super convenient, user-friendly database for all members.