



Contains April 2023 Minutes

May 2023

THE BUCKEYE BARK
 April 15th, 2023

Anyone wishing to submit pictures for the newsletter please send them to the editor within two days of the meeting

*******Note*******

Buckeye Woodturners Meeting
 NW Family Rec. Center
 Akron, OH
 April 15, 2023

Respectfully submitted,
 Mark Stransky

The April 15, 2023 meeting of the Buckeye Woodworkers and Woodturners was held at the Northwest Family Recreation Center in Akron, Ohio. President Bob Hasenyager started by welcoming all to the meeting. Bob reminded all that there is a new monthly bulletin on the sign in table that you should pick up before leaving.

There was one guest and a total of 59 members and guests at today’s meeting. Today’s demonstration will feature Peter Kern discussing what’s new in sanding technologies.

ANNOUNCEMENTS AND WHAT’S COMING UP

If anyone would like to have their name and the BWWT logo embroidered on any new (preferably) or gently worn shirt or other item, see Ray Marr.

Club photographer Bob Stone would like to step down from taking pictures at the club meetings. The main duty for the photographer is to take pictures of the club meetings, demonstrations and activities that occur during the meeting. Please see any board member if you would like to volunteer for this position.

Nominations are now open for this year’s induction into the BWWT Hall of Fame. Qualifications to be inducted are:

- The nominee must have been a member for at least 5 years.
- The nominee must be an active contributor to club activities.
- The nominee should actively participate in collaborative projects and projects that support community events.
- The nominee should actively mentor new turners and provide club demonstrations.

Nomination forms are available on the sign in table. Nominations should be made no later than the May meeting. The induction will be held at the June meeting and picnic at Doll Lumber. Past inductees to the Hall of Fame are Hoby Horn, Larry McCardell, George Raeder, Bill Stone, Jerry Schaible, Dave Wells, Ray and Diane Marr.

Marshall Holmes is looking for volunteers for the Camp Carl Woodturning sessions. These sessions will be held at Camp Carl, south of Ravenna, Ohio. The dates are July 10 thru 13, with set up at the camp on July 9. See Marshall for the details if you would like to volunteer for this event.

BWWT will be offering pen turning sessions at the Northwest Family Recreation Center. These sessions are being offered through the City of Akron to summer campers and veterans. There will be three days with two sessions each day. The first session will be for summer campers and run from 3:30 to 5:00; the second session will be for veterans and run from 6:00 to 7:30. The dates of the sessions are June 22, July 27 and August 24. Set up for each day will start at 2:00 and clean up and loading of equipment will need to be complete by 8:15. This is a great way to give back to the City of Akron for providing our meeting space.

FOUND ON THE SIDE OF THE ROAD!

Marty Chapman had a find that you won't believe!
 "I saw this burl by the side of the road from cutting by Ohio Edison crews a couple of weeks ago. I asked the closest homeowner if the wood was his and he said yes and told me I could have it. I think this is what Bill Stone calls "FOG wood (Found On Ground)"



Moral of this story: stay on the lookout for Ohio Edison crews trimming trees. You never know what may turn up.



This month's raffle table



Jack and Ray's monthly wood sale going strong



This month's Show and Tell table

PRESIDENT'S CORNER

Fellow turning enthusiasts: At the last Board meeting Kevin proposed the idea that it may be useful to the membership if he and I each added a column to the monthly newsletter. A great suggestion and so here we are. Over the past few meetings, you have gotten to know me a little better and now I'll reveal a little more about my turning experiences.



My first exposure to turning was in public school, but I was not one of the students chosen to receive a turning lesson. Observing the process intrigued me and left me curious and I waited through marriage, house remodeling, young children, graduate school, and career for about 20 more years before finding an opportunity.

While a student at Kent State in the mid to late 80's I was browsing at The News and Photo Shop and came across the American Woodturner magazine, it would have been the very early black and white days of the magazine. Occasionally, as I could afford it, I would pick up a copy and this intensified my interest in learning woodturning. Somewhere around 2003 my father gave me an old craftsman lathe that he picked up at a garage sale. I was a little intimidated by it and I only managed to turn a knob for a shaker cabinet I was building. I had heard about the Marc Adams School of Woodworking in Indiana and while reviewing their course catalog saw that they offered a parent/child weekend woodturning class. My son Zak was about 12 years old, and I signed us up. The class was taught by Matthew Hill and Alan Lacer, two awesome professional turners and teachers. Well Zak loved the soft serve ice cream machine and I loved the turning.

While there I also learned about local clubs. When I returned home, I joined both BWWT and NCWT, travel time to each club was almost the same. I didn't really have time to attend both clubs, and both were great, but I felt much more welcomed and at home with BWWT, so I stuck around. I have learned so much from BWWT's leaders and members. So, when asked if I would consider running for office, I felt I had to and I wanted to contribute. I hope to live up to the awesome examples of the previous leaders and mentors. I especially want to call out those who impressed me and provided friendly instruction in the early years of my BWWT experience: Hoby Horn, George Raeder, Larry McCardle, Ben Fix, Gerry Schaible, Bill Stone,

Bill Seabolt, Phil Brower, Gordon Seto and many others.

I consider myself an intermediate level turner. Some years I may turn more than 50 items and some years none. But when I do get to the lathe it provides a sort of meditative calm and helps to settle the mind. Okay, that's it, I'm heading out to the lathe, and I hope you can too!

AND A WORD FROM OUR VICE-PRESIDENT

First off, I should say that I appreciate the opportunity to support the club in this manner. I follow a lot of really big shoes which I am sure I will struggle to fill but will do my best. I was hoping to be retired before taking on more challenges and responsibilities but here I am. For the past 43 years I have worked for what was once Goodyear Aerospace (when I hired in) and what is now Parker Meggitt. I work in the Aircraft Wheel and Brake business although I have worked in other divisions prior to my term in Wheel and Brake. However, I don't want to bore you to death so on to wood working.

My woodworking started in high school, which I am sure is the same for a large percentage of the people in the club. I completed the two wood working classes that were available and then got passes to go to the wood shop instead of study hall for the rest of high school. I did wood turning in this class and still have the pieces I turned but I could not tell you what tools I used to turn them (more than likely scrapers) and I don't remember ever sharpening a lathe tool the entire time I was there. However, at the time I did not know any different and enjoyed my time at the lathe in those early years.

After graduating high school, I found my way to college at the University of Akron. There were a couple of lathe encounters there as well. The first was a machine shop class that I took as extra credit and although I did not turn any wood in that class, I did spend some time on a metal lathe (I probably still have that project as well). The other lathe encounter during my college years was with one of the mid 70's Craftsman wood lathes. I did not turn any wood on this lathe either. The lathe was used as a frame for a machine used for Scoliosis research at Akron General Hospital. I added some hydraulics to it as well as a rotary actuator and it became a bone twisting machine. It was used to test the robustness of hardware that was attached to backbones for the purpose of straightening them in Scoliosis patients.

After college and during my early career I spent some time building my woodworking equipment collection. I was doing a lot of cabinet work at the time

as well as collecting wood. I also spent quite a bit of time working on sports car restoration as well as dabbling in airplanes for a time. It was some time before I got around to buying a wood lathe but the first one was an impulse buy at Hartville Hardware. It was a Delta Midi lathe that had been used as a display model for a number of years and I picked it up for a very good price. I mounted it on my workbench and was off and turning.

It helped that one of the people that I worked with was an avid woodworker as well as an avid wood turner (search on Cliff Hill in the AAW journals). My first set of tools was a set of Robert Sorby tools, but I soon added an Elsworth bowl gouge to the collection. I don't recall how I learned about it but suspect that it was an AAW Journal article. In any event, that was the start of it all and the money has been flowing into woodturning tools ever since!

MONTHLY WINNERS

The monthly nametag winner was Mark Stransky. Each month the nametag winner will receive a \$20 gift certificate.

Chuck Marsh took care of taking pictures of the member's work on the show and tell table. Thanks go out to Bob Stone for taking the pictures of today's demo. Thanks also go to Darrell Dube for getting the show and tell pictures on the website. The pictures can be viewed on the website with the link <https://www.bwwt.us/april-2023>.

The BWWT Newsletter "Did You Read It" challenge was next on the agenda. The winner will be determined by a random draw of those dues paid members who read the newsletter and submitted an email to Mark Stransky that they found the hidden word and where in the newsletter it was. The winner will receive a \$20 gift certificate. You must be present at the meeting or attending on Zoom during the meeting to win. This month's winner by random draw was Jack Boggio. There was a little mix up in where the secret word was in the newsletter, but I managed to get some responses that pretty much sounded like "Mark and I have each read the newsletter twice. After 4 rounds, we are convinced spell check took over," (Cathy Spencer), and "I've checked this newsletter probably at least 20 times and your hidden word does not appear in the new Buckeye Bark BWWT newsletter" (thanks Dave Wells), and "is this some kind of April Fool's Joke" (it really wasn't, but that's as good an excuse as any). Since everyone had so much fun looking for the keyword last month, I figured I would give everyone a

second chance and repeat it for this newsletter; the keyword for this month will still be “dunt”. Please keep in mind that the keyword used in the previous sentence doesn’t count as a winning entry.

BEADS OF COURAGE

The Beads of Courage program deals with seriously ill children and their treatment. As each child goes through various treatments and procedures, the child receives a special bead signifying that accomplishment. These procedures can be anything from getting a medicinal shot, an I.V. or any medical or surgical procedure. The Beads of Courage organization provides boxes for each child to store their beads. These boxes are hand crafted and donated by various organizations and BWWT members can submit boxes. Information about the program can be found at the organization’s website <https://beadsofcourage.org>. BWWT will have a supply of Beads of Courage medallions for each box. BWWT will be donating boxes to Akron Children’s Hospital and all boxes should be brought to BWWT meetings for donation. Let’s continue making this a regular donation to this great cause. Guidelines for making boxes are as follows:

- Turned or rectangular boxes are acceptable.
- Recommended interior dimensions for turned boxes are 5” to 6” diameter and 4” to 5” high. Recommended interior dimensions for flatwork boxes are 4” x 6” x 4” high. Please keep in mind that these dimensions are approximate and anything close will work.
- Box bases should be wide enough so the box is stable and does not tip over easily. Lids should be easy for small or ill children to remove or lift. Any finials should be easy for a small child to grasp and not too elaborate so they don’t break. Avoid designs that could easily break or be damaged.
- Finishing of boxes is extremely important! Children who receive these boxes are susceptible to germs and infections. Each box **MUST HAVE A NON-TOXIC FINISH**. Please avoid finishes that require extended drying time or out gassing (some oil finishes) and finishes that have a strong odor (all forms of lacquer). Unfinished boxes can not be accepted for donation. All kinds of wood are beautiful! Please do not paint Beads of Courage boxes. Instead, highlight the beauty of the wood with a clear finish and/or burning.

One thing that I wish I would have done last year but overlooked was tracking how many boxes BWWT members donated to Beads of Courage. I estimate that in 2022 there were at least 35 boxes donated.

This year I plan on keeping track of donations. In April there were 3 boxes brought in that will be taken to Akron Children’s Hospital. March donations were from Doug Aichholz and Edward Duke. That brings this year’s total to 18 boxes donated.

HARTVILLE HARDWARE PEN TURNING SESSIONS

Members who helped with pen kit preparation, set up, tear down & clean up, and turning mentors for sessions on March 18th & 25th were: Ray Marr, Larry Garver, Adrian Cook, Tom Johnson, Jack Boggio, Dave Wells, Bruce Minnich, Roger Walker, Kevin Dalton, Richard Rohr, and Marshall Holmes.

Participants had a great time and were very proud of the new pens they turned. Several husband and wife teams tried turning for the first time. Many participants asked for a club brochure and expressed an interest in visiting one of our future meetings. A number of shoppers stopped by to observe and asked for information about how they could register to participate in a future pen turning workshop.



Just a few BWWT guys having fun on a Saturday at Hartville Hardware

**PETER KERN SANDING TECHNOLOGIES
PRESENTATION
April 15, 2023**

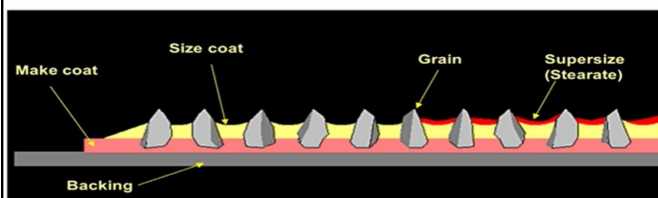
*Respectfully submitted,
Mark Stransky*

This month's presenter was Peter Kern from Mirka. Peter is the Northeast Regional Sales Manager for Mirka. He started his presentation with a rundown of what Mirka is about.



Mirka's parent company is KWH Group, located in Jeppa, Finland. Mirka currently has its headquarters in Jeppa and six manufacturing sites in Finland, Belgium and Italy. It truly is a world-wide organization. The sales office for America is located in Twinsburg, Ohio and is one of eighteen Mirka subsidiaries. The company primarily produces abrasive papers, sanding tools and equipment, polishers and polishing compounds, and dust extraction equipment and accessories. Mirka is an ECO friendly company and is significantly invested in automation and robotics in its manufacturing processes. Some of the customers it supplies are in a multitude of industries; wood products, automotive, collision repair, marine, aerospace, musical instruments, metalwork and composites are just a few of the manufacturers that they supply their products to. They have a strong research and development group that within the last few years developed sanders and dust control products that utilize long running battery technology, Bluetooth technology and data collection capabilities.

Peter focused most of his presentation on abrasive construction (how sandpaper and sanding products are made). A simplified breakdown of abrasive construction is a backing, make coat (adhesive), size coat, grain and stearate.



The backing can be made of paper, cloth, sponge, open or closed cell foam and plastic film. Some backings have pressure sensitive adhesive (PSA) or hook & loop fasteners for use on sanders and polishers.

A few of the types of paper backings are listed below.

Backing Materials

A and B papers are used for fine grits and in products for hand and light hand sanders. (E.g Fineflex, Royal P600-P220, Gold P 500-220)

C paper is used in more demanding products and medium coarse grits. C paper endures higher load than B paper. (E.g Gold P180, Royal Plus P180)

D paper is used for coarser grit abrasives for oscillating hand sanders. (E.g Gold P150-80, Royal Plus P150-80)

E paper is used in narrow belt products as well as for discs and sheets in coarse grits.

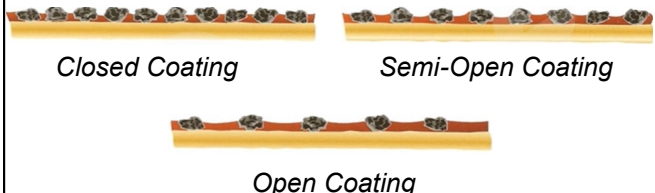
F paper is used in demanding belt products, especially in wide belts, where demands on form, stability and tensile strength are high. (E.g Jepuflex, Avomax)

T paper is used for coarse grits and for extreme heavy wide belts. (E.g Jepuflex, Avomax P40-P60)

The Make Coat and Size Coat are bonding materials that are used to adhere the sanding grit to the backing. The materials used are natural glue products, resin and glue products, resin over resin, waterproof products, resin over latex and a progressive bond product. These materials can be used individually or in combination with each other depending on what type of abrasive is being made.

The grain (or grit) is the material that is applied and does the actual cutting or abrading. Grain is typically either silicone carbide or aluminum oxide. Ceramic grains have recently come into use and offer a longer useful life; however, the cost is much higher. Ceramic grains can also be combined with silicone carbide or aluminum oxide to give a hybrid type of cutting surface. Silicone carbide grain is harder and more brittle and is used for sanding between coats and fine finish sanding; aluminum oxide grain is tougher and longer lasting and is what is usually used when working with wood, especially with finer grits.

The density of the sanding material contributes to the sanding result. The basic rule is that a denser coating provides a better sanded surface. However, in order to prolong the lifetime of the sanding material, a more open coating can be optimal when sanding soft materials and some types of wood. A half-open coating can be used for various purposes when sanding many different types of materials.



Peter also discussed the differences in calling out grit sizing. There are minor differences between the US CAMI, FEPA "P" and Japan JIS designations. Almost all the Mirka designations follow the FEPA "P" sizing designations.

MICRON GRIT COMPARISON CHART

MICRON	US CAMI	FIPA 9°	JAPAN JIS
500	36	36	36
430	40		
425		40	
350	50		40
336		50	
300			50
270	60	60	
260			
250			60
210			70
200		80	
192	80		
177			80
162			
149			90
140	100		
125		120	100
116	120		
100		150	120
93	150		
82	180	180	150
68	220	220	180
60		240	240
52	240	280	280
46		320	320
42	280		
40		360	360
35	320	400	400
30		500	
28	360		500
26		600	600
22	400	800	700
18	500	1000	800
15	600	1200	1000
13		1500	1200
10		2000	1500
8		2500	2000
7			2500
6			3000

The Stearite is a coating on top of the size and grain. The primary purpose is to act as a dry lubricant and to make the backing last longer on paper products. It is not always present on the abrasive surface.

Mirka also makes non-woven abrasive pads. These pads are made of fibers that have the grain glued within the fiber. Mirka's products are Mirlon and Mirlon Total. The Mirlon pad is thicker and comes in various thicknesses. The Mirlon Total pad is thinner and more flexible and is more suitable for abrading fine details. These pads are color coded to identify the grits; grits range from 360 to 2500 or higher depending on the product.

Peter went on to discuss many other abrasive products and tools that Mirka manufactures. There is a wide assortment of products to choose from depending on specific needs. The Mirka website [Mirka USA Inc](http://MirkaUSAInc.com) gives a complete description of their offerings.



A small sampling of Mirka products

Peter also had a short question and answer session. Some of the questions of most interest to woodworking and woodturning included tips to address some of the common problems you may encounter.

- When sanding end grain, using a plastic film backed ceramic abrasive is helpful because it is more aggressive especially with finer grits.

- When using oil and other penetrating finishes, he suggested sanding the surface to 600 – 800 grit so that finish sanding between coats is easier.
- Peter cautioned that when using finer grits heat buildup will occur quicker and will diminish the life of the abrasive. Hardness of wood and more open grains can also affect the life of the abrasive.
- Abranet sanding products will stay cooler when sanding because it doesn't clog up.
- If you are not able to remove all the previous grit's scratches when using Abranet, rotate the paper slightly. Abranet is a directional paper. By rotating the paper slightly so that the grain direction of the paper is at a slight angle to the sanded surface the surface will be improved.

Thanks go out to Peter for a very informative presentation. Be sure to check out the video on the website for a complete recap of Peter's presentation.

ARTICLE SUBMISSIONS

If any member has an article they would like to include in the newsletter, don't hesitate to send it to either : [Mark Stransky](mailto:MarkS@buckeyewoodworkers.com) or [Keith Bellamy](mailto:KeithB@buckeyewoodworkers.com) and it will appear in the next newsletter.

SAFETY NOTE

Be sure to use proper safety equipment including eye, hearing and breathing protection whenever you are working on projects in your workshop. Make sure that you fully understand and follow the safe operating procedures for every piece of equipment that you use.

FREE RAFFLE TICKETS – GET THEM HERE!

If you are a Menard's Shopper and don't always apply for the rebate, bring your Menard's receipts to the monthly meeting. BWWT frequently purchases from Menard's and we receive a tax free purchase benefit as a non-profit. We'll handle the receipt rebate refund and use the funds for future items for the raffle table. It doesn't matter how small the rebate is since we'll pool all the receipts. Each Menard's receipt you donate for the rebate earns one free raffle ticket. Several of the monthly raffle items come from Menard's as we are always shopping there.

MEMBER DISCOUNT PROGRAMS

Members in good standing are eligible for 10% discounts at Hartville Hardware and Penn State Industries. See Dirk Falther for more information on our discount programs.

UPCOMING MEETING ACTIVITIES AND DEMONSTRATIONS

May 13 meeting: Marty Chapman will be demonstrating how to make a natural edge bowl and will also have a presentation on sharpening. Dave Hout will be assisting with the sharpening demonstration.

There will also be a speaker on hand to give a presentation on the Beads of Courage program at Akron Children's Hospital.

June 10 meeting: Annual Picnic at Doll Lumber in Southington, Ohio. There will also be a hands on demonstration on sharpening. Dave Hout will be assisting with the sharpening hands on session.

July 8 meeting: Annual fund raising auction at the Rec Center. Start gathering stuff to donate. If you bought something last year that you ended up not needing, or if your significant other said "what the heck were you thinking???" about one of your bargains, bring it back and we will sell it again! We will once again be having the silent auction for work done by our members. This has been a big hit since we started having the silent auction. One last thing – if you want to donate something to the auction that isn't quite up to the standards of what the weekly trash pirates pick up the night before trash pickup day, please save it for the recycling crew.

SOME FINAL THOUGHTS – JUST FOR THE HECK OF IT

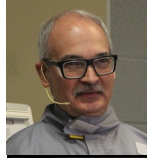
She says I keep pushing her buttons! If that were true, I would have found "MUTE" by this time!

I'm starting to think I will never be old enough to know better.

BWWT OFFICERS FOR 2023



President
Bob Hasenyager
330-608-7725
bobhasenyager@gmail.com



Vice President
Kevin Dalton
234-458-4177
kmdalton001@gmail.com



Secretary
Mark Stransky
330-283-1375
mastran@neo.rr.com



Treasurer /Member Admin.
Dirk Falther
330-310-4570
dfalther3@att.net



Past President
Marshall Holmes
330-309-1212
mlholmes@neo.rr.com



Club Advisor
George Raeder
330-576-3355
graeder@roadrunner.com



Club Advisor
Brent Wells
330-606-6724
thegrumpywoodchuck@gmail.com



Club Advisor
George Barlow
330-277-6055
gwbjr80@gmail.com



Newsletter Editor
Keith Bellamy
330-221-2845
akbellamy@gmail.com