

BAY AREA



WOODTURNERS
ASSOCIATION
A CALIFORNIA NONPROFIT CORPORATION
LOCAL CHAPTER AAW

January 2019

Volume 23 Issue 1



Jim Rodgers Presents Transitional Vessels January 12, 2019



On January 12, 2019, Jim Rodgers starts us out with the first demonstration for the year. In his book, *The Fundamentals of Segmented Wood Turning*, Jim shows the steps taken to create a transitional vessel. He also offered a class on the same subject before Christmas, which I took and enjoyed. In the class we used wood that could be found in any woodturner's shop, items left over from other projects, which can be repurposed into a beautiful container with a segmented ring and other woods to add color and beauty.

Many of the people were making Christmas presents including me. The most interesting thing was each piece in the class was unique and some quite stunning. It amazes me how a little left over wood can be used to make a one of a kind container. Jim of course is a master at this art and showed class members many of the items that he has made.

In the class were many long time turners and even a couple of high school shop teachers. My guess is their intention was to develop a class for their students that allows for creativity and purpose.

The pieces created that are called Transitional Vessels typically have one or two segmented rings with a body of solid hardwood and a wood base. Veneers are used to add color and separate the woods allowing for the woods to be defined by color, grain and design.

One of the great features of this type of vessel is the fact that it goes together in pieces, the top and bottom are made separately, each of which is then hollowed out before they are glued together. It makes hollowing fun and easy, typically done with a small scraper.

We all know Jim the teacher and the artist who can make and teach any woodturning subject. He recently completed 7 online lessons that are available on the club and Jim's website, they are short and cover an individual tool, how to use the tool and how to keep it sharp for cuts that require very little sanding.

Come join us as we start the New Year out with Jim Rodgers and another great and timely presentation.



BAY AREA WOODTURNERS ASSOCIATION

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Club Meetings

Meetings are the 2nd Saturday of each month unless otherwise noted.

8:30 doors open for setup, use store and library, swap ideas, view displays

9:00—12:30 meeting and demo

Meetings will be held at the PHEC Woodturning Center, 1 Santa Barbara Road, Pleasant Hill, CA.

See bayareawoodturners.org/ for directions and club information.

BAWA Officers Meeting -

Officer meetings are open to all members. Contact Kim Wolfe at: president@bayareawoodturners.org if you would like to be on the agenda.

2019 Event Schedule

Jan 12th 2019	Jim Rodgers 8:30-12:30
Feb 9th	Mike Mahoney A Remote Demo 8:30-12:30
Mar 9th	Dave Fleisig Epoxy Ring Embellishments 8:30-12:30
Mar 15-17th	Oregon Woodturning Symposium Albany, OR
Apr 13th	Charlie Saul Turnings with Carvings & Piercings 8:30-12:30
May 11th	Lynn Yamaguchi Japanese Heritage Winged Bowl 8:30-4:30

The Bay Area Woodturners Association is a local chapter of the American Association of Woodturners. Our purpose is to provide a meeting place for local turners to share ideas and techniques and to educate the general public regarding the art of turning. The Association usually meets the second Saturday of each month. The Association periodically sponsors exhibitions and demonstrations by local and internationally known turners.

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TBA

BAWA Holiday Party Recap

We gathered at the Elks Lodge in Walnut Creek for our annual holiday luncheon. We admired each others work at the turning gallery and bid on the silent auction which featured a variety of donated items including many turning blanks provided by John Cobb and Steve Griswold. We feasted on New Mecca Mexican food while watching a fantastic slide show recap of 2018—thanks to Dave Bentley for the slide show and Richard Dietrich for the photos. We wrapped up with a raffle of ten baskets containing gift certificates, woodturning supplies, wine and other goodies. Between the silent auction and raffle the Club raised needed funds to support our 2019 programs. Thanks to all who attended and supported our fundraiser! And many thanks to members who helped at the event—you know who you are and we could not have done it without you!

To better serve our membership the Board is always open to your feedback on events. If you have ideas to improve next year's holiday party please send your thoughts to our Member at Large, Anna Duncan at: memberatlarge@bayareawoodturners.org



Setting up Silent Auction



Lined up for lunch



Supervising Elk



John & Kim Wolfe



Jean-Louis Meynier & Peter Twelker



Jan Blumer, Dave Fleisig & Joel Albert



Jim & Sharon Rodgers



Raffle Ticket Dealing



Awaiting lunch



Dave Bentley introduces slide show



John Cobb



Anna Duncan



Kim Wolfe



Future BAWA member

BAWA Member Gallery



President's Chatter

January 2019



Happy New Year resolutions . . .

Whether or not you make resolutions, keep them or plan to let go of them early in the year, January brings a fresh start.

I clearly remember sharing that I would try to exercise patience with my turning, one year ago. Try, being the operative word because I had not fully committed to a change. However, I noticed a pattern emerging. Anything I did not like about my turnings was

the result of poor decision making/lack of impulse control. Of course when it worked out well it was the result of creative intuition! But I stayed the course and exercised patience, over and over again. Happily, my satisfaction is much improved. An occasional act of creative intuition slips in, but overall, impulse control reigns in my shop.

So, with better decision making checked off the list, what skill will I tackle next? As a relative newcomer to turning you might think I would resolve to master a new tool or technique or take another class. There are so many that I have yet to attempt! But in the back of my mind I keep hearing Jan Blumer say, "If you think about it, these items you are turning will be around for a long time, at least 20 - 25 years . . ." His statement is shaping my resolve. With that I am committed to turning items worthy of longevity. Naturally, I will also be trying new tools/techniques and hope to see some of you in a class. If you have a desire to learn something that is not scheduled let Jim Rodgers know so he can include it in the class offerings.

I also look forward to working with the new BAWA board and team of volunteers that keep our club operations running. Whether you are relatively new to the club or a seasoned veteran your input is always welcome and assistance appreciated. So let's make some chips this new year and resolve to actively participate in BAWA, together.

See you Saturday,
Kim Wolfe

BAWA Wood Raffle

The Wood Raffle will be on hiatus for the month of January, but you can pick up some great wood at the second chance silent auction on January 12! (More info on page7)



A Remote Demo with Mike Mahoney February 9, 2019



On February 9, 2019, we will have a remote demonstration by Mike Mahoney, showing the best of what Mike does for a living. It will include Mike live and items that have been pre-recorded. We will tie into Mike's location with a camera and he will be seen on our two TV screens and on the large screen with the projector.

The remote demos are a type of presentation that is being used by some clubs to bring in professional speakers that are expensive and many times out of the country to present to their clubs. This will be our first time using this form of presentation. There is only one remote demo scheduled for 2019, please come and join me to help evaluate this new type of presentation. Remote demos allow us to get presenters from all over the world for a reasonable price.

A short note about Mike Mahoney:

Mike Mahoney has been a professional wood turner since 1994. His bowls are featured in galleries across the United States. Mike's work is sought after by collectors all over the world. Mike is often requested to demonstrate and teach for wood turning clubs, craft schools and symposia. He has traveled around the world to discuss and demonstrate his craft. He is considered an authority in woodturning.

For more discussion on woodturning, read Mike's blog at mikemahoney.bowlmakerinc.com

Artist Statement:

"I am passionate about my craft and the American Craft movement. I am dedicated to producing quality craft and educating the public about woodturning. My wood comes from urban sources (tree trimmers and local cities). I produce all my work on the lathe without any embellishments after the fact, creating a very traditional feel with contemporary ideas. I want my work to be attractive as well as useful. For my work to be admired is one thing, but for my work to be used fulfills my purpose as a craftsman."

After the presentation you will be asked to evaluate the presentation, and if you would like to see more remote demos in the future.

I want to make sure that we all like this new format before we commit to further remote demos.



Second Chance Silent Auction

If you missed the BAWA holiday party, you missed our most exciting raffle and silent auction to date. Members and corporate sponsors supplied a vast selection of items to bid on with all proceeds benefiting BAWA programs. **And we have decided to give you a second chance!**

At our January meeting there will be an opportunity to bid competitively, on turning related items. This is your second chance to pick up something for yourself and benefit the club.

Payments made in cash or check are greatly appreciated. (we do not have a credit card option)

It is our pleasure to thank our corporate donors and businesses that support BAWA. Please remember these businesses when shopping for your turning needs.



Rockler Helps BAWA Members

BAWA members receive a 10% discount when purchasing directly at the Concord Rockler Store at:

<http://www.rockler.com/retail/stores/ca/concord-store>.

Mention your BAWA membership when checking out, to receive your discount. Rockler also donates part of the proceeds back to the club which help support our Holiday Party raffle.



BAWA Classified Ads



We want members and others with items to sell or trade, services to render or if you're just looking to find a specific item from fellow BAWA members. Please send ads to Louie Silva at: newslettereditor@bayareawoodturners.org

You can't beat the price...FREE!!

Tips and Techniques

Well, here we are again at the beginning of a new year. I hope that your holiday season was nice for all of you.

As the New Year begins I looked around my shop and took a good look at all that I have. The projects that I thought would be interesting, the bit and pieces of wood that I have saved for a future project, etc.

I decided to really look at things and make some hard decisions about all of it. I think that it is good to do this every once in a while and since it is January, this would be a good time.

How much space can be gained by honestly letting go of wood and wood bits. I am not saying to dump it all, but if you are like me, you have boxes, either big or small with little bits of wood that just might come in handy. I was able to look at all of it and realize that most of it is too small for most things. I set a size limit and everything that was smaller was put into recycling (Green Bin) and it opened up a half of a shelf.

I then looked at the projects and realized that some of them were still sitting there because I had either had a change of heart or just didn't like them. So I either dismantled them to reuse the wood in a different way or gave them to SCRAP (place here in town) that will use them or the parts for art projects for kids. This opened up even more space.

I made the necessary jigs to finish the ones I do want to complete and also made a couple of jigs for future projects.

I then made myself a list of tasks that once complete, will make my small shop more open and inviting to do work. I had an electrician wire some outlets for me. I redid my dust collection systems so it is more efficient.

My future projects will be installing even more LED lights, which I have found really make working so much nicer, especially in the afternoon and evening and taking some classes to improve my skills.



by Cindy Navarro

So look around your shop and start the New Year with a fresh eye and a tidy shop.

HAPPY NEW YEAR TO ALL OF YOU

Book Review

30-MINUTE Woodturning, by Mark Baker

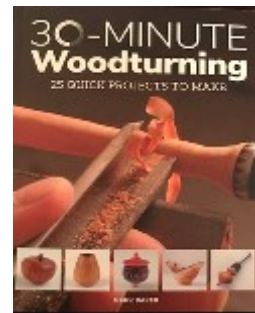
This book is by Mark Baker, who is the Editor of Woodturning, a magazine from England. He is an accomplished turner and a very good demonstrator. If you get the chance, please see his demonstration.

This is an interesting book for the turner who wants to tackle new projects but has a limited amount of time. The book begins with basic information about turning, important information about safety all delivered in an easy manner.

There is also a section on mounting and the use of jam chucks, which I found to be very good information and reinforced information for me.

There is a wide range of projects, all of which are skill builders for any turner. Each project has clear instructions along with tips and methods for making each one a success. The variety of projects varies from bottle stoppers to boxes, small bowls, plates and many other items up to 25.

This is enough to give you an enjoyable experience when time is limited.



Attention BAWA members who shop on Amazon.com

BAWA is always looking for ways to generate funds to improve our Club. BAWA recently registered with Amazon's program to support charitable organizations, AmazonSmile. It is an easy, no cost way for our Club to benefit from your Amazon.com shopping expenditures.

AmazonSmile is a simple and automatic way for you to support your favorite charitable organization; **BAWA!** When you shop at smile.amazon.com, you'll find the exact same products, prices, and Amazon Prime benefits as Amazon.com, with the added bonus that Amazon will donate .5% of the purchase price to BAWA.

Here's how it works:

To shop at AmazonSmile simply go to smile.amazon.com from the web browser on your computer or mobile device. On your first visit to AmazonSmile, you need to designate BAWA to receive donations before you begin shopping. We are one of the almost one million charitable organizations registered with Amazon Smile. From then on when you enter Amazon through <https://smile.amazon.com/> every eligible purchase you make will result in a donation to BAWA.

You may want to bookmark the AmazonSmile URL to your desktop or mobile device to insure that you don't end up at the standard Amazon portal, thus bypassing benefit to BAWA.

If you haven't already done so, please consider registering with AmazonSmile and designating BAWA as your beneficiary. And encourage your friends and family to do likewise! We look forward to updating membership monthly on donations from this unique program.



BAWA Videos for 2018

Attached are all video's produced in 2018 and loaded under Meeting Videos on our website, I hope you have had time to view Jim's lessons and John Cobb's video from November. We also have the two last videos produced at the end of the year, BAWA Year in Review 2018 and The December Christmas Party 2018.

2018

[January 2018 Jim Rodgers](#)

[February 2018 Karen Freitas](#)

[March 2018 Rudy Lopez](#)

[April 2018 John Jordan Part I](#)

[April 2018 John Jordan Part II](#)

[May 2018 Robert Whitworth](#)

[June 2018 Jay Holland](#)

Jim Rodgers Tool Lessons

[Jim Rodgers - Lesson 1 The Spindle Roughing Gouge](#)

[Jim Rodgers - Lesson 2, The Skew](#)

[Jim Rodgers - Lesson 3, The Shallow Fluted Spindle Gouge and Detail Gouge](#)

[Jim Rodgers - Lesson 4, The Parting Tool](#)

[Jim Rodgers - Lesson 5, The Skew Part II](#)

[Jim Rodgers - Lesson 6, The Bowl Gouge Part 1,](#)

[Jim Rodgers - Lesson 7, The Bowl Gouge Part II](#)

Photos of the 2018 Southwest Association of Turners SWAT

Photo's by Jean-Louis Meynier

[A Quick View of the 2018 AAW Show, Portland, OR, Vendors and Instant Gallery](#)

[September 2018 - Sam Angelo, The Wyoming Woodturner, Part I](#)

[September 2018 - Sam Angelo, The Wyoming Woodturner, Part II](#)

[October 2018 - Bob Nolan](#)

[November 2018 - John Cobb](#)

[December 2018 - BAWA Year in Review 2018](#)

[December 2018 BAWA Christmas Party](#)



MARCH 15-17, 2019

[A GREAT EXPERIENCE FOR BEGINNING TO ADVANCED WOODTURNERS!]

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OREGON WOODTURNING SYMPOSIUM @ GMAIL.COM



Membership News

By Hugh Bevan-Thomas



Membership Update

January is here ,so it is now past time to renew your membership for 2019.

As you know it is very easy do this on our website. I thought i would explain why you get three emails during the process.

#1 email recognizes that you have requested a renewal

#2 email is a receipt for you money

#3 email confirms that your membership has been extended for another year

I mention this because if you don't get three emails then you have not completed the process

For those of you who might find the computer a challenge, we will of course be happy to take your money at the January meeting

Remember, that I told you I had ordered thumb screws. Well they have arrived!

They will be used for delinquent members. You don't want to be one of them



Raleigh 2019

AAW | AMERICAN ASSOCIATION
OF WOODTURNERS



Carved Feet

Made Simple

Richard Morris



Would you like to add artistic flair to your woodturnings? Try carved feet! They may seem complicated to create, but the process is simple and can be applied to turned vessels, bowls, vases, and platters. I use power tools, air-powered grinders and sanders, and a few techniques that simplify the process.

Design and turn a bowl

Let your imagination begin the process by designing a bowl that will include feet. Turn the outside shape, just as you

would with any other bowl, but stop just short of the foot area, leaving about $\frac{3}{4}$ " to 1" (19 to 25mm) for the feet (*Photo 1*).

Shape the outside curve of the bowl's body so the line of the form will appear to flow through the feet area to the center of the bowl's bottom. For the feet to properly support the bowl, there needs to be a gap between the bottom of the bowl and the table, right at the center of the bottom. The outside rim—the wood where the feet will be made—will elevate the bowl beyond its bottom (*Figure 1*).

Turn the inside to the desired wall thickness, and sand inside and out to 320 grit.

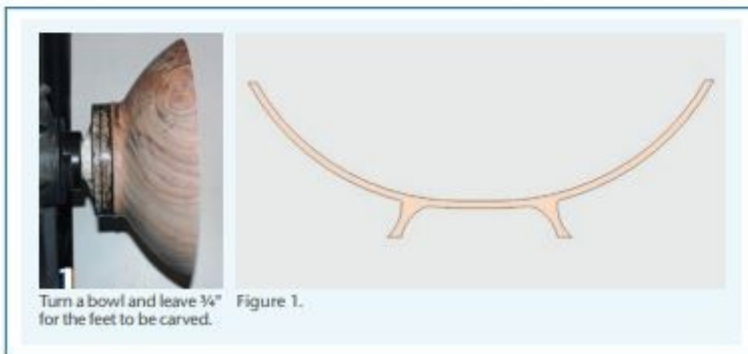
Diameter and shape of the bottom

The 14" (35cm-) diameter bowl in the photos is screwed directly onto a 6" (15cm) faceplate with ample short screws. This size faceplate provides a guide to the diameter for the feet. I like the carved-feet-diameter-to-bowl-diameter ratio to be about one-third. For stability, I allow a bit more in diameter for carved feet than for a round bottom.

Finish shaping the outside of the foot area to your design and sand to 320 grit—it is easier to sand a solid ring than sanding three separate feet as the bowl rotates on the lathe. Remove the bowl from the lathe, but leave it attached to the faceplate.

Reverse turn the bottom

I have a centering jig tool to help locate the center of the bowl for reverse turning the bottom (*Photo 2*). (Centering tool available from geigersolutions.com.)



Turn a bowl and leave $\frac{3}{4}$ " for the feet to be carved. Figure 1.

Screw it into the faceplate or chuck. A bushing that comes with the tool accepts a drill bit. Drill a hole in the bottom of the bowl, approximately $\frac{3}{8}$ " (10mm) deep (Photo 3). Remove the tool from the faceplate and remove the faceplate from the bowl.

The tool comes with a pin—sized to the drill bit—that replaces the point in the tailstock's live center. Insert that pin into your tailstock live center. For the headstock, I use a wood disk with closed-cell sponge rubber glued onto it for a jam block (Photo 4). Mount the wood block into a four-jaw chuck and place the inside of the bowl against the rubber pad. Pull the tailstock up and align the pin in the live center with the hole in the bottom of the bowl. Snug the bowl to the rubber pad (Photo 5).

With the lathe's speed set low, turn the lathe on to see if the bowl is balanced. If it is not, turn the lathe off and adjust as necessary. Move the toolrest into position, and you are now ready to turn the bottom of the bowl and inside the ring for the feet. Turn the inside of the foot ring to match the profile of the bowl. For the bottom of the bowl, the curve should flow smoothly to the center. Remove enough wood to eliminate the screw holes and turn the remaining portion of the bottom up to the nub (Photo 6).

Sand the inside of the foot ring to 320. Again, it is easier to sand a solid ring than three individual feet while the bowl is rotating.

Lay out the location of the feet

In this project, I chose to carve three feet—three feet will always set without wobble, even when the wood expands or contracts, perhaps warping the form. A bowl with four feet is likely to rock on the feet when the wood moves. This does not, however, mean your design can't have as many feet as you want.

Carving the feet was done with a $\frac{1}{4}$ " (6mm) air grinder and a 2" (50mm) spherical burr. The 2" diameter gives a ▶



2 The centering tool for reverse turning.



3 Drill the centering hole $\frac{3}{8}$ " deep.



4 Use a rubber pad glued onto a wood block for reverse turning.



5 The centering pin in the tailstock live center helps center the bowl and hold it onto the lathe.



6 Turn the inside of the ring for the feet.

Table and sled

The table has a 1" (25mm) post welded to a 4" (100mm-) diameter $\frac{1}{4}$ " (6.4mm-) thick piece of plate steel. The post needs to fit your banjo. Screw a piece of $\frac{3}{4}$ " (20mm) plywood to the plate steel. The plywood can be cut to the shape of the bowl.

For the sled, take a 3" (75mm-) square piece of wood 6" (150mm) long. Drill a 2" (50mm) hole through the center, lengthwise. Cut the wood in half on the bandsaw and you will have two sleds.

Secure a $\frac{1}{4}$ " (6mm) air grinder into the sled using straps. Strap the air-supply lever down so it is always open. Add a lever valve to the air grinder, which will also allow you to control the speed of the grinder and to turn the air grinder on and off. This way, you don't have to hold the air-supply lever down while holding the sled down.

Be careful—the carving burr is always rotating until the air supply valve is shut off.



7 Make a table and two sleds, one for an angle grinder and one for a pencil.



8 Mark the location of the feet on the ring.



9
The location and width of all three feet are marked.

10
Start carving in between the first two feet.



nice radius on the foot, but you can use a different diameter if it suits your design.

Carving the feet also requires a table and a sled for an air grinder and for a pencil (see sidebar). The air grinder and pencil will be used at different times, so simply adjust the height of the table so the centerline of the grinder (or the pencil point) aligns with the centerline of the lathe (Photo 7).

The indexing locking system on the lathe will be used. (If your lathe does not have an indexing system, they are available commercially.) My lathe has a 24-pin indexing system. That means a foot will be at every eighth index positions.

Lock the indexing wheel in place. With the pencil taped to the sled and the pencil point at the centerline of the lathe, draw a line on the outside of the bowl. Also mark across the bottom of the foot ring (Photo 8). Pull the indexing pin and rotate the bowl to the next locking position—for this bowl, the #2 position. Mark the foot ring again, advance the indexing pin one more position, and mark the end location of the first foot. Advance the indexing wheel six positions, mark the foot ring, advance one position, mark, advance one more position, and mark the end of the second foot. Advance another six positions and mark the ring in the same manner for the third foot. The result will

be nine marks, three marks will define the location of each of the three feet.

Carve the feet

I carve the feet using a ¼" (6mm) air grinder (mounted in a sled) and 2" (50mm) sphere burs (Photo 9). You will need a compressor with enough air supply to power the grinder, at least 10 CFM at 90 PSI. You can use less air, but it will take longer. Be careful to hold down the sled as you slide it back and forth on the table—the burr is rotating and will have a tendency to want to ride up out of the flute.

Position the bowl so the burr cuts between the marks for the feet. Lock the indexer in place so the bowl does not move during carving.

If the grinder's air hose rubs the table, the grinder sled may grab and remove wood where you don't want. Wrap the hose around your shoulders or hang it from the ceiling to keep it held up.

Turn the grinder on and slowly move it into the foot ring. You will quickly get a feel for how the grinder cuts the wood. Carve the foot ring down until the bottom of the cut nearly matches the curve of the bowl. *Leave enough wood for sanding!*

After the first cut, turn the grinder off and take a look (Photo 10). Visually, and



11
There will be raised areas left by the burr.

12
Carve off the ridges.

13
Rotate the bowl to line up the next area to be carved. Repeat with the third area.

with your fingers, ensure the curve profile of the bowl is being maintained. If all looks and feels good, rotate the bowl two index positions and then carve away more wood. Rotate the bowl again until you carve to the next guideline. At this point you should have all of the wood roughed out between the first two feet.

You will notice several raised ridges in this area (Photo 11). Carve them away, to make sanding easier. Use the grinder in the sled or hold it freehand (Photo 12). Just be sure to leave enough wood for sanding—you can take more off, but you can't add any back.

Rotate the bowl and repeat all of the steps until the second area between the feet is roughed out. Do the same with the third and final area (Photo 13). Ensure all looks and feels okay before sanding.

Sanding

I sand the feet while the bowl is still on the lathe so I can lock the indexer to keep the bowl from rotating. I use a 3" (75mm) sanding disk, firm pad, with 120-grit disk to rough sand the feet (Photo 14). While sanding between the feet, maintain the profile curve of the bowl. Rotate the bowl and sand all three feet. After rough sanding, change the sanding pad to a soft pad, which allows the pad to conform to the shape of the foot (Photo 15). Sand in between all feet to 320 grit.

You will not be able to sand all the way to the bottom because the live center is still in contact with the bowl. Remove the table from the banjo and insert the toolrest. Unlock the indexer and turn the lathe on. Trim the nub at the center to as small as possible without breaking it. Clean up the remaining portion of the bottom, maintaining the curve profile (Photo 16).

Stop the lathe and remove the bowl. Place it onto a flat surface for removal of the nub. I use a piece of exercise mat to protect the edge of the bowl and to help keep it from sliding during carving. Use the grinder to carve the nub away (Photo 17), or carefully carve it away with a small chisel. Leave enough wood for sanding.



Sand the remaining portion of the bottom, starting with 120-grit disk on a firm 3" sanding pad (Photo 18). Sand until the bowl curve profile is achieved, and then change to the soft sanding pad (Photo 19). Finish sanding to 320 grit.

After inspecting the bowl for flaws, use the finish of your choice. I prefer Mohawk's precatalyzed lacquer satin finish, with the same brand sanding sealer applied first. This finish results in a durable, professional-quality look and is easy to work with. It hardens more than

normal lacquer, yet it also dries fast, which helps eliminate much of the dust fallout. Buff with 0000 steel wool between coats.

Feet are a graceful addition to any bowl or platter, adding elegance to an otherwise plain utilitarian bowl. ■

Richard Morris has been working with wood for almost forty years, and woodturning for eight years. Richard regularly attends seminars and workshops and actively supports his local woodturning chapters in Florida. He can be contacted through his website, richardmorrisart.com.