

The Turning Point

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*The next meeting of The Nova Woodturners' Guild is at
Halifax Specialty Hardwoods
112 Bluewater Road, Bedford NS.*

Dec 10, 2018 6:30pm

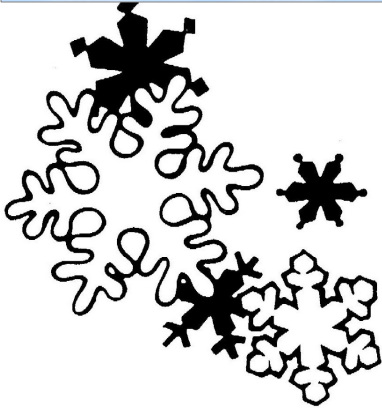


MEMBER SINCE 2012

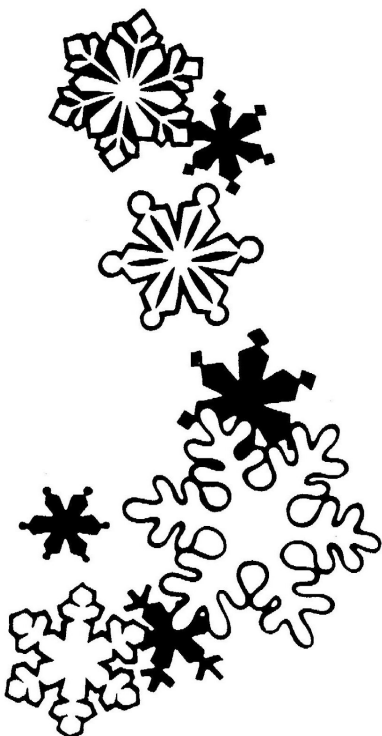
The next meeting will feature
Food, drink and merriment (bring an appetite)
Wreath Raffle (bring an ornament or two)
Ornament exchange (bring several)
But don't forget to show up (bring a chair)

The President's Workshop DECEMBER 2018

Gary Landry



Please accept my wishes for a safe and happy holiday season. May you and your loved ones find the peace and happiness that we all aspire to at this time of year.



First of all I must apologize to all those who attended the meeting on the 19th of November. It was discovered only at the last moment that the connecting video cable from our video camera to the TV in the LV seminar room had been damaged since our meeting in October. The cable was permanently left attached to the TV but apparently at some unknown point in time it was pulled or tugged on so forcefully that it broke off in the input socket of the TV. A work around could not be found in the short time available so Steve's presentation on fitting lid and liners was not as visible as originally hoped. I am actively looking for a resolution to the issue in time for our January meeting and I am hopeful a fix can be found.

Please remember that our Christmas Social is to be held at **Halifax Specialty Hardwood** on December 10th. Please bring a turned ornament (or several) for the ornament exchange. Every one you put in the draw entitles you to draw one out for yourself. Also, please bring turned ornaments to be added to a wreath which will be the prize for a draw being conducted by our Master of Raffles – **Norm Jolivet**. If you can bring a donation for the pot luck buffet it would also be gratefully received. A healthy appetite should be brought along too as there has always been food left at the end of the evening.

For those who could not get to the November meeting I would like to inform you that our Vice President , **Bill Maes** has had his surgery and will be in hospital for the next while. Also, one of our longest serving members, **Dr. Andrew Watson**, has taken a fall resulting in damage to his ankle and is also in hospital. I would imagine that they would like to get your well wishes, either in person or via a get well card.

For those I will not see before Christmas please accept my wishes for a safe and happy holiday season. May you and your loved ones find the peace and happiness that we all aspire to at this time of year.

Keep turning and stay safe.

Gary Landry

Meeting Notes Nov 19, 2018

Calum Ewing

President **Gary Landry** Opened the meeting at 6:45 pm; with 32 members and 6 visitors present

Visitors:

Doug Allen has had a Beaver/ Rockwell lathe since 1976 and has recently moved up to a 1950's vintage Craftsman lathe.

Jim Kuzma is in the process of setting up his shop and is getting back into turning after a few years with a Mastercraft lathe

Mike Parker lives in Weldon NB and has been turning since he was 12 years old. He's now retired and getting back into turning. Mike participated in the Guild competition last year.

Jim Wood lives in Hopewell Cape NB and has been turning for about a year.

Jean-Loius Bergeron has several lathes and has been turning for a number of years.

Andy Elliott lives in Weymouth and is able to turn most days. He has been turning seriously for the past 4 to 5 years.

Welcome All!

Announcements:

The Christmas social will be held at **Halifax Specialty Hardwoods Ltd** on Bluewater Road, Bedford on December 10th (note earlier date). Spouses / partners / family members are welcome.

Remember:

To bring some snacks, drinks or munchies for the pot luck food table.

The annual ornament exchange: turn some ornaments and bring each in a paper bag. You'll be able to exchange them for the same number of ornaments made by other turners and diversify your Christmas decorations. - A great way to share the work of Guild members!

We'll be holding a Wreath Raffle again this year. You can turn an ornament or two and add it to the wreath, then the whole wreath will be raffled as a fundraiser for the Guild.

Brian Sharp gave a brief overview of the Bravery Beads program at the IWK Hospital. He has spoken to the hospital staff and they can use more boxes any time. Brian will look into having an information day / seminar at Lee Valley for those interested in making boxes to donate to the program. Additional info on box design considerations will be made available in the Newsletter and on the Guild website.

We were not able to get enough volunteers to staff the demo table for the full day at the Craft Nova Scotia (formerly NS DCC) Christmas show, so participation was cancelled for this year. The Executive will be looking into a new process for recruiting volunteers and determining which events members wish to support.

Membership information for the American Association of Woodturners (AAW) was sent out by email. There are hard copies available at the meeting tonight. The Guild is a Chapter of the AAW and membership gives members access to benefits like financial support for training, etc.



Meeting Notes continued

Calum Ewing

We are waiting for additional information on the AAW and Canadian Society of Woodworkers (CSW) insurance programs. Info will be sent by email when we receive it.

Long time member **Dr. Andrew Watson** is in the QE2 hospital recovering from a fall. He would certainly appreciate a phone call or visit for a chat. [*Editors Note: Andrew has been re-located to the Fishermen's in Lunenburg, 3rd Floor (at time of printing)*]

The Fun Turn wood is available for pick up tonight. See **Dave McLachlan** to get yours. **Jordan Crouse** has some bowl blanks of various species available for sale. See him after the main presentation if you are interested.

Main Presentation: Small Boxes: Fitting Lids and Liners – Steven Kennard

Guild Life Member, **Steven Kennard** presented an engaging and detailed presentation on fitting lids and liners on small turned boxes. A properly fitting lid is a hallmark of a well-made box and adding a liner of a different species of wood really sets your work apart.

Getting a well fitting lid or fitting a liner well requires a fair bit of accuracy to make sure there are no unsightly gaps. Take your time and be patient. It's best to sneak up on final dimensions and take light finishing cuts to get the correct fit and avoid too much sanding which can ruin a good fit quickly.

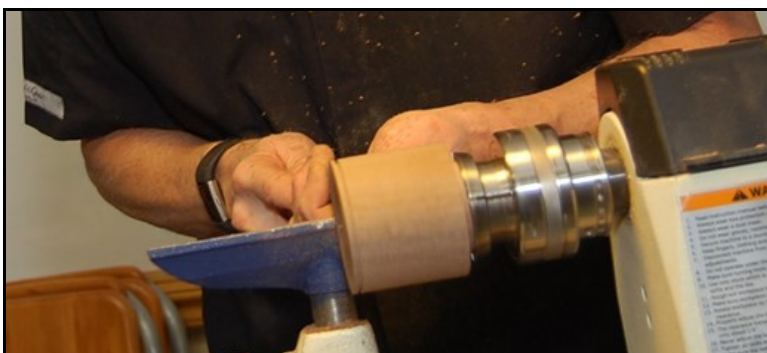
Steve normally works in African Blackwood for his small boxes but it is getting increasingly difficult to find reliable sources. You can also use Walnut. It is very stable and makes good boxes.



The Process

1) Start with your blank and make it round

Cut dovetail tenons on both ends so you can hold the piece accurately in the chuck. Grooved or serrated chuck jaws will compress wood fibres and make it very difficult to get accurate alignment when you remove and remount pieces in the chuck repeatedly at different stages. Dovetail jaws allow accurate repositioning.



You need to size the tenon so that when clamped in the jaws, the jaws are almost touching to get the strongest grip. The tenons need to have nice flat shoulders for the jaws to sit on. Time taken at this stage getting good accurate tenons will be paid back later as you work through the process

Photos by Chris Palmer

Meeting Notes continued

Calum Ewing

2) Determine where you want the joint between box and lid (e.g. 1/3 - 2/3). It is a personal design choice and there is no magic number - it varies with your design for the overall box what will look right.

Giving the box sides a slight taper so that the top is just slightly smaller than the bottom tends to give the box a lightness in appearance and just look 'right' (e.g. 1/8" over 5").

When you cut the lid off, you will lose the width of the parting tool plus the width of the tenon on the top edge of the box. So you need to take this into account when determining where to cut - especially if you are wanting to make sure grain lines up in the finished box.

3) Cut in with a parting tool to almost separate the lid blank. Remove the tail stock to make the final parting cut and remove the blank for the lid.

4) Cut a small tenon on the top edge of the box: ~ 1/8" deep and 1/8" in from edge. You can also use a skew chisel on its side to make the tenon very slightly dovetailed so that the lid 'pops' on if that is desired.

5) Remove the interior of the box with a Forstner bit mounted in the tail stock. Select the bit so that you have about 5/16" or less wall thickness.

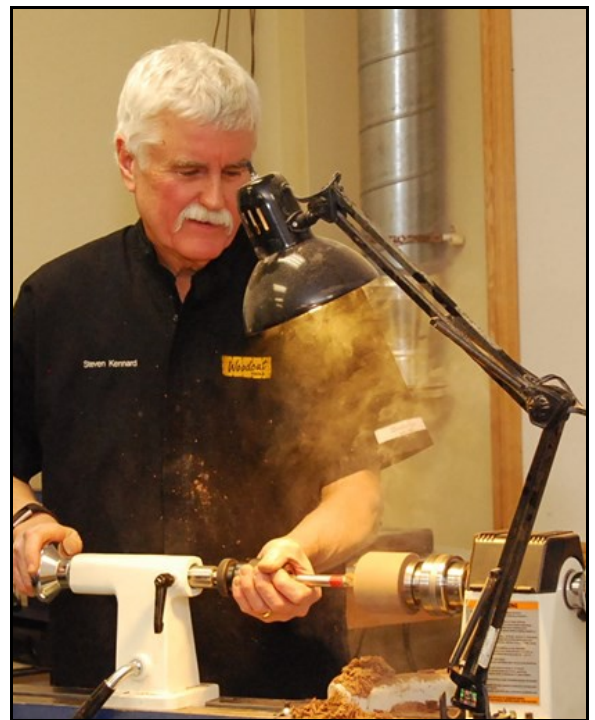
You need to be very careful not to generate too much heat to avoid cracking the blank. Run the lathe slowly and drill your hole slowly, stopping frequently to remove shavings. Make sure the bit is sharp to reduce heating. Some exotic hardwoods are quite prone to checking or cracking if overheated.

Leave the bottom about 1/4" thick and measure frequently with a depth gauge to be sure you don't go too deep - especially with the point on the Forstner bit.

6) If you are planning to add a liner, then you need to get the wall thickness fairly thin, so that the box wall plus the liner don't look too thick for the box and make it look too heavy.

7) If you round over the inside edge of the box tenon, the wall will look thinner than it really is.

8) Place your blank for the liner in the chuck. For a liner, a contrasting or complimentary species works best. It should have similar expansion and movement characteristics to the rest of your box to avoid problems from different wood movement and one splitting the other. If you are using non-burl wood for the liner, you need to ensure that the grain of the liner aligns with the grain of the box to avoid expansion issues.



Meeting Notes continued

Calum Ewing

9) Measure the inside diameter of your box so that you have an accurate diameter for the outside of the liner

Turn the liner blank to a straight cylinder of the correct diameter. Check the diameter frequently with calipers as you sneak up on the correct size.

10) The liner blank needs to be longer than the depth of the box so that you can grip it to remove it from the box.

11) It's good to sand the exterior of the liner blank with coarse sandpaper to roughen the surface for a good glue joint.

Using the tip of a skew chisel, make a few grooves on the exterior of the liner blank to create spaces for excess glue to escape. You can also round over the bottom edge of the liner slightly to create a small space for excess glue.



12) Apply glue (5 minute epoxy or slow curing Cyanoacrylate) to the liner and press into the box. Check grain alignment and park the position with a pencil. Apply the glue and insert the liner in the box.

You'll likely need to use the tailstock to press the liner blank into the box as the glue will seal the gaps and create a piston action in the box.

13) Once the glue is set, part off the end of the liner flush with the top of the tenon on the box and then hollow out the liner using conventional tools (eg. spindle gouge) not a saw tooth or Forstner bit. Take careful depth measurements as you proceed so that you don't cut through the bottom of the liner.

14) Remove the box and mount the lid blank in the chuck (the top cut off the box blank earlier). Measure and mark the diameter for the lid mortise. Using the tip of a skew laid on its side as a scraper, cut in to mark the inside of box interior. This gives an edge that the bevel of the spindle gouge can rest on to start your cuts cleanly.

15) Shape the mortise with a small shoulder using the skew tip as a scraper. Stop the lathe and check you fit frequently, sneaking up on the final fit with very light cuts. Don't make it too tight or the lid can bind with changes in humidity. You won't be able to sand the joint once it fits or it will become loose.

When you get close, stop using calipers and use the box base to check the fit. Be patient and resist

Meeting Notes continued

Calum Ewing

the urge to take bigger cuts.

Magnifying glasses and a nice bright LED task light help a lot in making the final cuts for a good fit.

Take a tiny chamfer off the edge of the mortise to help the lid slip on the tenon easily.

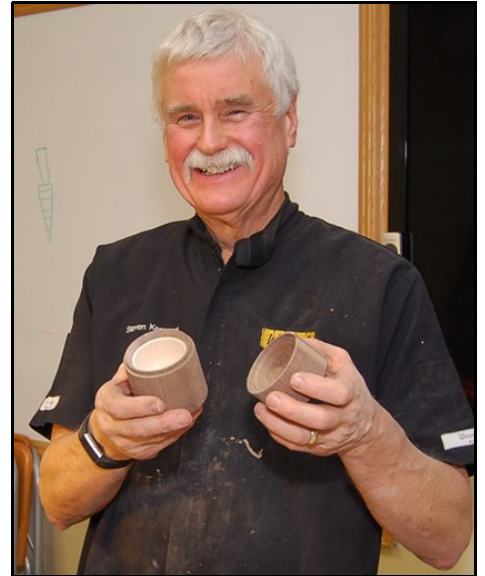
You can have a tight should for the fit, or leave the tenon slightly long to create a small gap for visual interest and emphasize the joint.

16) Once you have the desired fit for the lid mortise, you can proceed to hollow out the lid. If your drilling of the box, heated the blank and drove moisture out of the wood (you may see it steaming as you drill the box), the box will reabsorb moisture and change size, so you must take this into account when fitting the lid.

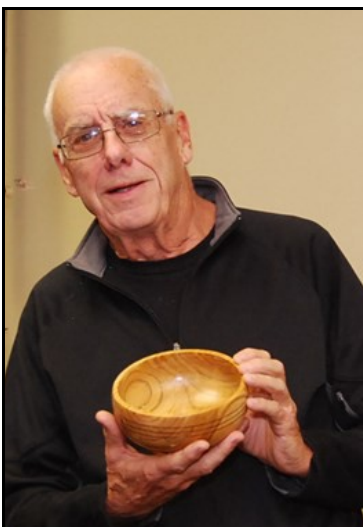
17) Once the lid is hollowed, part it off from the chuck. Mount the box in the chuck and fit the lid. Fasten the lid with good tape (eg. binding tape) to finish the top of the lid. Then remove the lid.

18) Part the box off the blank and mount the box in Jumbo Jaws with rubber bumper knobs to finish the bottom of the box.

And... you're done! A nice box with a good fitting lid and a contrasting liner.



Show & Tell



Lowell Jenkins showed off two pieces:
A nice lidded vase in Choke Cherry. He filled the cracks with black epoxy for an interesting subtle contrast with the wood and a small bowl, also in Choke Cherry



Show & Tell continued



Richard Ford presented a maple bowl with a distinct ripple grain. He disguised some small cracks with pyrography decorations. Also a tall vase in Curly Maple.



Robert Atkinson showed off a small hollow form in Cherry with a "chainsaw texture" rim and two bottle stoppers in Apple.



Meeting wrapped up at 8:50pm



Ernie Conover developed a bench for sitting at the lathe while turning. He describes it in this video.

<https://www.youtube.com/watch?v=MckbwYye-Sg>

The magazine issue he refers to is the June 2014 Woodworkers Journal. He recommends a strong wood like white oak, maple or hickory. Due to copyrights and such, we can't print the article here or on the web site. However, if you send me a request, I can send you a copy from my magazine.

jolivetn@yahoo.ca

Norm – The Raffle Guy

Calendar of Events

Date	Subject	Location
September 17, 2018	Financial statement Review Lathe & Workshop Setup & Maintenance Bill Luther	Lee Valley Tools, 100 Susie Lake Crescent
October 15, 2018	Sharpening Turning Tools, Steven Zwerling	Lee Valley Tools, 100 Susie Lake Crescent
November 19, 2018	Fitting Boxes: Lids & Liners Steven Kennard	Lee Valley Tools, 100 Susie Lake Crescent
December 10, 2018	Christmas Social	Halifax Specialty Hardwoods, 112 Bluewater Rd. Bedford
January 21, 2019	“2x2” Challenge due Jigs for Segmented Turning Dave McLachlan	Lee Valley Tools, 100 Susie Lake Crescent
February 11, 2019	Finishing Well: Finishes and Sanding TBA	Lee Valley Tools, 100 Susie Lake Crescent
March 18, 2019	Jigs, Fixtures, Hacks & Tips TBA	Lee Valley Tools, 100 Susie Lake Crescent
April 13, 2019	Awards Day Lee Valley	Lee Valley Tools, 100 Susie Lake Crescent
April 15, 2019	Software for Turners Steven Parsons / Gordon Marshall Show & tell –competition pieces	Lee Valley Tools, 100 Susie Lake Crescent
May 13, 2019	Bandsaw Epoxy Inlays Dianne Looker	Lee Valley Tools, 100 Susie Lake Crescent
June 19, 2018	AGM	Lee Valley Tools, 100 Susie Lake Crescent

The Raffle Booth

Norm Jolivet / Yogi Gutz

Ross Sampson won 2 bowl blanks; **George LaFontaine** took home a book; and **John Ashton** collected 2 bowl blanks.

We are raffling off another wreath this year at the Dec. meeting. For this to be successful we need to cover it in ornaments. Since you are participating in the Ornament Exchange, what's one more for the Guild Fundraiser?



Nova Woodturners' Guild – 2018/19 Executive

Our e-mail now reflects a more consistent method of communicating with the various offices in the Nova Woodturners' Guild. The recipients will change as the need arises but a note sent to the president will go to who ever is president at that time. All the following addresses should be followed by @novawoodturnersguild.com to send mail to that person

Position	<address>@novawoodturnersguild.com	Name	Chairperson?
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EXECUTIVE	executive (sends the message to all positions on the list)		
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President	president	Gary Landry	
Vice President	vice-president	Bill Maes	
Secretary	secretary	Calum Ewing	
Treasurer	treasurer	Dave McLachlan	

Members at Large	members-at-large	Bill Luther	
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Committees

Library	library	Jim Diamond Richard Ford	C
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Web Site	webmaster	Richard Ford	C
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Membership & Promotion	membership-chair	Brian Larter	C
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Newsletter	newsletter	Dianne Looker	C
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Competition		Dave McLachlan	C
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Guild Photographer		Chris Palmer	
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Fund Raising		Norm Jolivet (Raffles) Yogi Gutz	
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Nominating		Bill Maes	C
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