



## Monthly Newsletter January 18, 2011

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<http://www.del-val-turners.com>

January 18, 2011 Meeting - **HAPPY NEW YEAR** to all



President Phil welcomed everyone, including about 20 members, significant others, friends, etc. This meeting had been postponed from the previous week due to inclement weather, and attendance was a little low due to freezing rain earlier in the day. Phil mentioned that our next regular meeting will be on February 8, 2011 and will feature a demonstration by Marty Richter on his multi-center turnings. Phil's next open house will be on Jan. 25 at 7 pm, and will involve assembly of the AAW entry. The deadline for submission to AAW is Feb. 28, 2011. If you didn't submit a piece yet, bring it to Phil's next week at the latest.



We will have a club challenge at the April meeting, the theme of a turned pen was agreed on. The 50/50 winner this month was Tom Godley, who collected \$43, way to go Tom! Winners of \$15 gift certificates to Thompson Tools were Anthony Christaldi and Wally Kowrach.

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## Upcoming Events

Jan. 25, 2011 – next open house at Phil Hauser's shop

Feb 8, 2011 – next regular meeting at Moorestown Friends School location

March 26-27, 2011 Andy will be one of eleven Demonstrators at Totally Turning Symposium in Saratoga Springs NY, Saturday & Sunday, March 26 & 27, 2011.

<http://www.totallyturning.com/index.htm>

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## Treasurer's Report

Treasurer's Report - none this month.



**Library Report –** Club Librarian Robert Jay reported the acquisition of a new Glenn Lucas dvd, which was graciously donated by Jeff Scnell. Phil took a class with Glenn Lucas in the past and is very impressed with his abilities, so this dvd should be a good learning experience for all to watch.

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## Featured Program –

This month President Phil provided a demonstration on how to make a salad bowl from green wood to finished product. He began with a piece of box elder that he'd cut and trimmed with a chain saw but had not rounded on the band saw. He recommends getting two bowl blanks from each log section, and sizes them at around 12 inches minimum diameter for decent salad bowls.



Phil used a screw chuck to initially mount the piece, then showed how he forms the outside rough shape and makes a tenon to reverse the mounting. He advises that a larger diameter tenon provides better support. The length of the tenon should be less than the depth of the jaws so that the top of the

jaws make contact with the bottom of the bowl. In addition, the tenon side must be the correct angle to make a secure fit in the chuck. Remember also to keep checking the tail stock for a tight fit.



He usually turns a rim on the rough bowl, as that allows more design options later on. It can always be removed later if it's not needed. When turning the inside of the rough bowl, Phil prefers to work from the outside in, and advocates a wall thickness of about 10% of the diameter. Thinner is less prone to cracking, but you must also allow enough material to true up in the final turning. He puts Anchor Seal on all surfaces of the rough turned bowl, then stacks them upside down for 3 months or more to air dry. To turn the finished bowl, Phil has fabricated several jam chucks wrapped in a thin foam material, as shown below.





He described how to center the piece on this jam chuck by using the original center of the tenon to locate the tail stock, then you can gently tap the rim with a mallet to eliminate wobble and get the best adjustment before tightening everything down. For the finish cuts, Phil showed how to use the bowl gouge almost like a skew cut, getting the finished wall thickness down to 1/4 to 3/8" for a 12" D bowl. He then sands from 80, 120, 180, thru 240 grit. To smooth out the inside bottom, he sometimes uses a negative rake scraper held at a 45 degree angle, or a gouge with a more right angle grind can also be useful. He described the sanding tool he normally uses, which he has customized with a foot brake and other time-saving ideas.



For the finish Phil has been using Mike Mahoney's walnut oil, which brings out the grain patterns and leaves a nice luster. Mineral oil is another option, but the sheen isn't quite as nice. This was a very informative session which also demonstrated how to overcome unforeseen equipment problems, always emphasizing safety and keeping the audience engaged and interested. Phil distributed a handout describing the techniques shown and would be happy to provide additional copies by e-mail to members who ask for it. Thanks Phil !!!

