

# **Chips & Bits**

## **Inside This Edition**

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**May 2019**

- January Auction
- Show & Tell
- Hardest Wood Known???



**Paul Swanson  
Showcase**

**Providing an environment that fosters the art and craft of woodturning**

**A Publication of the Peace River Woodturners**

## **Auction Donations for January 2020 Meeting**

**A gracious donation has been made by member Steve Duncan and the following items listed below will be auctioned off at your January 2020 meeting.**



**Jamison Deep Hollowing  
System  
Complete System includes John  
Jordan tools**



**Oneway Steady Rest**



**Assortment of quality Turning  
Tools. Jimmy Clewes, Sorby and Don Derey**



**Q:**

I recently made some toy blocks out of an old gnarled Osage orange fence post. It sure made my planer work, but it got me to wondering: What is the world's hardest wood?

**A:**

Interesting question, Ronald. The hardness of wood is measured using the Janka Hardness Test. This test measures the force required to push a steel ball with a diameter of 0.444" into the wood to a depth of half the ball's diameter. Generally acknowledged as the hardest wood, lignum vitae (*Guaiaecum sanctum* and *Guaiaecum officinale*) measures in at 4,500 pounds-force (lbf) on the Janka scale. That's more than twice as hard as Osage orange (one of the hardest domestic woods) at 2,040 lbf and more than three times harder than red oak at 1,290 lbf.

Lignum vitae, found in Central and South America, has long been used in applications requiring extreme durability and density, such as ships' tackle, carvers mallets, and hand plane soles. Naturally infused with a wax-like resin, lignum vitae polishes to a high sheen, making it a prized wood for turners. And because it is self-lubricating and water-resistant, it was, until recently, the preferred substance for shaft bearings for silent-running submarines. In fact, the highest grades of the wood are still sometimes referred to as "bearing" grade.

# Finishing

By

## Bob Summers



# SHOW & TELL



**Paul Bartlett**



**Jim Ellsworth**



**Jesse Goodwin**



# SHOW & TELL



**Bob Roehrig**



**Art Landry**

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## Chapter Information

Peace River Woodturners Inc. (PRW) is an organization formed for individuals interested in woodturning and was formed on Oct 1, 2007. The primary purposes of the PRW are consistent with the fundamental purposes of the American Association of Woodturners: To provide information, education and an organization for those interested in turning wood.



The PRW web site can be found at:

[www.peaceriverwoodturners.org](http://www.peaceriverwoodturners.org)



AAW site can be found at:

[www.woodturner.org](http://www.woodturner.org)

## Photo's

Photographs for this months "Chips & Bits" were provided by Bob Roehrig. If you have digital photo's that you would like to have considered for use in the newsletter, please send them along with any articles to the editor at:

[rjroehrig@gmail.com](mailto:rjroehrig@gmail.com)

## Membership

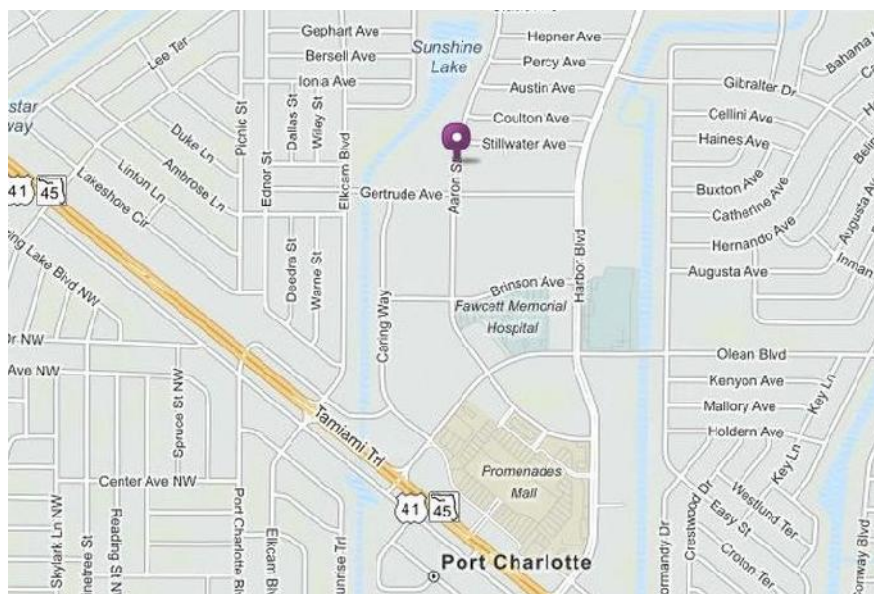
Yearly chapter dues are \$50 per individual or \$60 a family. Membership is for the calendar year. These dues help the club provide tools for our monthly demonstrations, bring in outside demonstrators, pay room rent, have a yearly picnic and other club related activities.

## Meeting Location

Our Meetings are on the first Thursday of the month starting at 6:30 pm and ending by 9:00 pm. We meet at the **Charlotte County Cultural Center** located at 2280 Aaron St., Port Charlotte, FL



**Our next meeting is:**  
**Thursday June 6, 2019**



## Upcoming Events

**PRW meeting: June 6, 2019**

**Demonstration: Jim Ellsworth**  
**Wig Stands for a Community Project**

## Library

The Library is available for all current club members. The club library contains Books, magazines, and DVD's available to check out.. A list of materials is available on the PRW website:  
[www.peaceriverwoodturners.org](http://www.peaceriverwoodturners.org)  
Please help us maintain the library by returning checked out items promptly. The library is maintained by Cheri Bauer. New material can be ordered by request.