

San Diego Fine Woodworkers Association

Volume 34 **Newsletter March, 2015** Issue 2

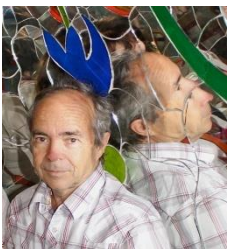
Our 34th Year of bringing Woodworkers together
The Next Meeting is 7pm Wednesday, March 25th at the Al Bahr Temple,
5440 Kearny Mesa Rd., (behind the Hampton Inn)

March Program: Woodworking with Nathaniel Hall



This month's program will be presented by Nathaniel Hall, a designer from Buffalo, NY, who is currently studying in the Furniture and Woodworking graduate program at SDSU. His work has been exhibited in several venues, including the AWFS Fresh Wood Competition (2010, 2013) and Design in Wood (2014). He was one of the builders on the recent Spike TV network reality show, Framework. Nathaniel will be talking about what it was like to participate on the show, as well as sharing his other work. He will also give insights into the judging issues of DIW, which could be helpful to those entering the competition.

Nathaniel's website is: <http://semcnutt.wix.com/rxmadera>
Hope to see you there.



Dale Stauffer,
Program Chairman

Next Shop Tour: April 11th Palomar College

The tour begins at 9am; coffee and donuts will be served. The Cabinet and Furniture Technology program has undergone a major renovation. This tour will showcase the new woodworking school layout. There are now four expanded classrooms, three state of the art workshops, and an updated woodworking library. New equipment includes a 3D CNC machining station. Up to date classes such as CAD SketchUp are offered, along with eight certificate programs in a wide range of woodworking technologies. It is all very impressive and offers a great education for those interested in woodworking. For more information go to: <http://www.palomar.edu/woodworking/>

Directions: Take I-15 North, take exit onto CA-78 West, take San Marcos Blvd exit, Continue onto Knoll Rd, turn left onto W Mission, turn right onto Comet Cir. Palomar College, Cabinet and Furniture Technologies, 1140 West Mission Road, San Marcos, CA 90269
Free parking will be available in lot twelve.

Thanks again to Brian Jackson for the January shop tour; we all had a great time.



Dale Stauffer, Program
Chairman

Please check website for changes:
<http://www.sdfwa.org/shop-tours/>

March Raffle

1. 4 piece Bessey Clamp set
2. 25 piece brad point drill bit set
3. T-4 Trend variable speed router
4. DeWalt 5" random orbit sander
5. Finish Nailer: 1 ¾"
6. DeWalt 12 ½" Planer



**James Strawn, Raffle
Program Chairman**

President's Message, March 2015

Hopefully most of our readers agree that we are off to an exciting start for the year 2015. We had a superior turnout for our January meeting which featured Tom Edwards; a lot of our members were fascinated by his unique approach to turning which emphasized use of resin in the finishing of bowls. To those who felt the meeting ran a bit long; I apologize and promise to try to close things off earlier in future meetings so we can all get home at a reasonable time.

Quite a few of us were there early for a presentation by Mike Durlak on refinishing. This is a new part of our general membership meetings where Mike and his associates at Rockler will lead an informal class on a variety of subjects prior to our regular meeting. These start at 6 PM and are over in 45 minutes so that we have a chance to visit prior to our regular meeting starting at 7PM. They are held in the same room as our general meeting, so no special steps need be taken other than arriving a bit early. The subject for the March meeting is Oil Finishes.

Del Cover has lined up another interesting speaker for our March meeting, Nathaniel Hall, a designer from Buffalo, NY, who is currently participating in the Furniture & Woodworking graduate program at SDSU. Interestingly, he has recently been on the SPIKE TV network show, Framework. We plan to have the meeting room set up a bit differently at this meeting so that everyone is better able to see the exhibits in the Craftsmen's Corner, and we have seen to it that the speaker system will be working better. So, please plan to join us at 7 PM Wednesday evening, March 25 at Al Bahr Temple, 5440 Kearny Mesa Rd. (behind the Hampton Inn).

The February shop tour took us to Brian Jackson's shop in Lakeside. A truly unique aspect of Brian's shop was the Rose engine lathe. Next up, Dale Stauffer has arranged a tour of the new shops at Palomar College on the morning of April 11. Many of us have fond recollections of classes at Palomar and will enjoy seeing what they have done with their new shops which were built last year. Also in February, there was a Mentor Class by Bob Stevenson on drawer making. Bob is making great progress in his efforts to reinvigorate the Mentor Program.

You may have seen the news on TV or the report in U-T San Diego, but if not, a group led by Mike McElhiney recently created and gifted an 8 ft. dining table for the crew of SD Fire Station 27. Beautiful iron bark eucalyptus donated by Dale Stauffer was used to create this exceptional piece as an expression of thanks for the great work done by the firemen in saving the home of an elderly couple, who are neighbors of Mike. We have also learned that another fire station would appreciate it if we could undertake building dining tables for their station. The station house is grand, but the dining accommodations are not. We have recently received a donation of some nice walnut which could be used to make the tables, so if you would be interested in heading up or just working on this, please let me know.

From time to time we are contacted by the public to see if we have an interest in removing a tree and keeping the wood. Usually they are able to fell the tree or it has already fallen and would like to see the wood utilized rather than hauled off to the dump. Also, we get inquiries about helping to dispose of the contents of a shop; often the unfortunate result of a loved one's passing. Since we have no way of knowing if any of our members might be interested in participating in activities such as these, we would like to create a data base of those members who would like to be contacted regarding such inquiries in the future. Please let me know if you would like to be included on the lists, as well as what your interests are.

You may have noticed at our January meeting that we did not have the merchandise table set up. Bob Dalton did a fine job of directing this effort for the past couple of years, but has had to step down and we need a replacement. If you would be willing to help by taking care of making our shirts, mugs, nameplates etc. available, I'm sure all of your fellow members would appreciate it, so please let me know of your interest.

Finally, Bob Stevenson brought to my attention a recent article in the U-T San Diego about a lady, Sheila Rose Dawson, who for years has been driving a mobile woodworking bus around to local schools teaching woodworking as an after-school project to 5 to 11 year old kids.

Continued next page

It just sounded like a marvelous, self-initiated program to take the opportunity to teach the basics of woodworking to youngsters, who otherwise might never get introduced to an activity we all love so much. The problem is that her bus is worn out and she needs a newer one in order to continue to offer this activity. Her wish list specifies a 30 foot transit style bus with a flat front, air brakes and a diesel engine. We don't have the resources to contribute the bus, but Bob and I thought that by publicizing the situation one or more of our members might like to step up to lead a campaign to help her. If interested, please let me know and I can relay her contact information.

Please visit our website, sdfwa.org, to keep up to date on upcoming events, especially some that might be announced in between newsletter editions. If you are not yet a member, feel free to check us out at our next general membership meeting on the 25th.



Bernie Burke
President SDFWA

Honoring Dick Ugoretz



Bernie Burke (right), President San Diego Fine Woodworkers Association, presents Dick Ugoretz (left), SDFWA Member at Large, with a commemorative gavel in appreciation of his two years of service as prior President of the Association.

2015 DESIGN IN WOOD EXHIBITION **CALLING ALL WOODWORKERS** **TIME TO GET YOUR ENTRIES IN!**

This is our 34th year and we want to make it our best year ever! We have close to \$20,000 in award money and merchandise with 24 entry classes and 18 donated awards. Each class will be awarded 1st through 4th place plus Honorable Mentions. There are more chances of winning an award than ever before, so get to work on your winning entry. Of course, just by entering, your work will be on display to over one million fairgoers that visit our exhibit each year. Again this year, we hope to improve this exceptional international competition of fine woodworking. We have secured major commitments

from our many corporate and local sponsors. Our co-sponsor, the 22nd District Agricultural Association, also looks forward to our successful exhibition.

This year's theme is, **A Fair to Remember: a Celebration of World's Fairs and Balboa Park**. The fair has teamed with the City of San Diego in its Centennial Celebration of Balboa Park. We will have a special exhibit area planned around the theme this year.

Fine Woodworking Magazine returns as sponsor of the "Best of Show" award with a \$1,000 cash award. Not to be outdone, Popular Woodworking also has a \$1,000 award consisting of \$500 cash and \$500 in merchandise. All entry classes and awards are listed in our Entry Information Brochure available at <http://www.sdfwa.org/design-in-wood-2015>. There you will find all the information you need for entering. **All entries are online this year**, and entry forms are available on the fair's website, www.sdfair.com.

There is plenty of computer help available for those that need it to enter. The fair entry office personnel, as well as SDFWA volunteers, are available to help with entering online. This includes help with digital photography, if needed. For help from SDFWA members please email me EdGladney@san.rr.com or call at 858-484-4366; or contact Jeff Bratt 619-276-8641, webmaster@sdfwa.org.

Please note: The entry deadline is May 1, 2015.

Please note the calendar of events below:

Registration Deadline: Friday, May 1, 2015
Exhibit Delivery Date: Thursday, May 28, 2015, noon to 8:00pm
Exhibit Awards Ceremony: Thursday, June 4, 2015, 7:00pm

Volunteers from our membership are desperately needed.

NO experience is necessary to volunteer, and volunteering is very rewarding.

We need help with set up Monday, May 18 through Friday, May 22. In addition to free fair tickets, enjoy coffee, juice and donuts in the morning and a great lunch and refreshments throughout the day.

We need members to "walk the floor" to help educate the public and protect the exhibits.

A shift is three hours. You receive two tickets for each shift or four tickets for each closing (last shift in the evening) floor-walking shift. We need members to work in the chair shop building children's chairs for charity.

A shift is two hours. You receive two tickets for each shift.

Continued next page

Fair tickets will be given to those who volunteer: Volunteer for several shifts and you can receive enough tickets for your family and friends. Up to 4 tickets will be given to those who help with set up (exact number depends on amount of time helping). Two tickets will be given for each floor-walking shift or chair-shop shift.

Remember, sign up for a shift and get two (2) free tickets to the Fair. Sign up for several shifts and get enough tickets for your family and friends also.

AGAIN THIS YEAR: SIGN UP FOR THE CLOSING FLOOR-WALKING SHIFTS AND DOUBLE YOUR TICKETS TO FOUR (4) TICKETS FOR EACH CLOSING SHIFT

For those who help with set up, we have free tickets based on how much time you work, along with the refreshments and a great lunch.

Sign up to volunteer at, sdfwa.org at the general meetings, starting with this month's general meeting on March 25th.

This is your exhibit SDFWA. Let's make it the **VERY BEST**. 858-484-4366 EdGladney@san.rr.com



Ed Gladney,
Coordinator, Design
In Wood

Toy Program

Since our last report the following toys have been completed in 2015:

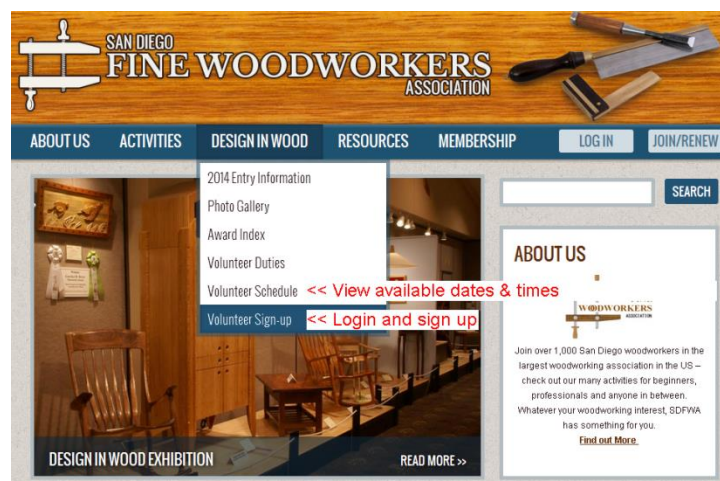
38	Dinosaurs	Jerry's Shop
42	Cars	George Byrne
54	Seals	Jerry's Shop
20	Cars	Ed Hujsak
51	Helicopters	Jerry's Shop
19	Dogs	Ed Hujsak
23	Truck & Trailer	Jerry's Shop
18	Blue Birds	Ed Hujsak
10	Cars	Paul Trebbren
10	Cars	Charlie Brown
15	Ring Toss	Charlie Brown
14	Cars	Ron Rovlinvage

Our toy production total for this period was 314 and 314 for 2015.

ROGER SOLHEID, TOY PROGRAM
CHAIRMAN

Notes from the Webmaster

Design in Wood – On-line Volunteer Sign-up



You can easily sign-up for volunteering at Design in Wood on the SDFWA website. There are menu links for Volunteer Duties, Volunteer Schedule – where you can look at the available dates & times, and Volunteer Sign-up – where you login...

VOLUNTEER SIGN-UP - DESIGN IN WOOD 2015
 The 2015 Fair runs from June 5th through July 5th. Scroll up and down to see the whole schedule.

Design in Wood Volunteers login

 Email:
 Member Number:

Enter the email address where you receive email from SDFWA and your SDFWA membership number – from your card. Then click the Login button. Logging in lets us know who you are – so we can properly construct the volunteer schedule and mail your tickets to you.

Then you will see a grid with the volunteer shift schedule for both the Gallery Floor and the Chair Shop – scroll up and down to see all the days the Fair is open. Click on any white or grey square to select a shift, then click on the Assign Time button to sign up – it's that easy!

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VOLUNTEER SIGN-UP - DESIGN IN WOOD 2015

The 2015 Fair runs from June 5th through July 5th. Scroll up and down to see the whole schedule.

[Return to SDFWA.org](#)

Green time slots have been reserved, black time slots are non-work periods.

***NOTE: For the first Gallery session of the day the start time is 11 AM week days and 10 AM weekends**

GALLERY FLOOR VOLUNTEERS				CABINET SHOP VOLUNTEERS				
Date	Period	Note - 1 pm	1 pm - 4 pm	4 pm - 7 pm	7 pm - 10 pm	12 am - 2 pm	2 pm - 4 pm	4 pm - 6 pm
6/7/2015	1							
6/7/2015	2							
6/8/2015	1							
6/8/2015	2							
6/9/2015	1							
6/9/2015	2							
6/10/2015	1							
6/10/2015	2							
6/11/2015	1							
6/11/2015	2							
6/12/2015	1							
6/12/2015	2							
6/13/2015	1							
6/13/2015	2							
6/14/2015	1							
6/14/2015	2							
6/15/2015	1							
6/15/2015	2							
6/16/2015	1							
6/16/2015	2							
6/17/2015	1							

See your selection below

Date: 6/14/2015

Period (1 volunteer slot): 1

Session (Time): 2

[Assign Time](#) << click on Assign Time to sign up for this time slot

Instructions

Select the date, period and time you want to work by clicking the time box. The box will turn yellow.

If everything is as you want click the assign time button below. If you need to make a change click on clear and start again. You can then select another time or close the window to quit.

To cancel or change a time after it is assigned contact Eric Lunde the volunteer coordinator at eric.lunde@cox.net



Jeff Bratt, Webmaster

Mike McElhiney's Report on Fire House Table Project:

It is a cliché, but sometimes a disaster does bring out the best in us. It certainly brought out the best in George and Roseline and in those lucky enough to know them. And it brought Engine 27 to our neighborhood.

Having your house catch fire just before Christmas must rate pretty high on anyone's disaster list. George and Roseline, a 90 year old couple who had lived in their house since the early 50s, found themselves on the street as a leaky gas pipe fed a rapidly growing fire. Within minutes flames were leaping from windows and a plume of dark smoke rose into the air. Just minutes after the 911 call by a neighbor, Engine 27 rolled down the street and took charge. They did what firemen do: they put out the fire, they tended to the needs of George and Roseline, involved social services, found them a place to stay, and did everything in their power to save the structure. They succeeded. That is what they do.

George and Roseline are back in the neighborhood now. They had the courage and fortitude to rebuild and used the disaster to improve their lives. Their positive attitude toward the fire and its aftermath left me with a desire to do something for the crew that, day after day, helps others. Not just with house fires, but with medical emergencies, brush fires in the canyons and any sudden calamity that can befall any of us. Got a serious problem? Who you gonna call?

So when Jim Strawn, our raffle master, mentioned that the City of SD Fire Department – the big one downtown – wanted some tables built to replace some elderly and very ratty ones, something clicked for me. I drove by the Clairemont Station #27, walked in, met the crew and checked out their table. It was 1947 institutional gray ugly Formica, 8'x3' large and probably indestructible. They could use a table.

I started to push the project at SDFWA board meetings and managed to interest our current VP, Dale Stauffer, enough that he donated some spectacular iron bark eucalyptus to the cause. The trestle table required about 60bf of lumber. Dale's lumber stash consisted of 8' long planks, about 1 1/4" thick, very rough and the ends of the lumber, stored for 10 years in the back yard, were split. I'd have to add breadboard ends to make an eight foot table top.

With the wood in hand, the project was underway. I stopped by Station #27 once again and was lucky enough to meet Captain Ronnie Dizon. We talked table. He made the mistake of sending me an email and has been my main contact and a veritable fount of information and help during this process. Continued next page

Volunteering at Design in Wood

June 23, 2014

When asked to volunteer to work on the floor of the Design in Wood Exhibition at the San Diego County Fair for a 3-hour stint, my husband and I were both thrilled and nervous at the same time. Did we know the stain that was expertly applied on that piece of furniture? What was the name of the African wood used for that coffee table? Yikes! Fortunately, we had plenty of San Diego Fine Woodworking Association experts with us who knew exactly how to answer those questions. Walking around the exhibit floor for 3 hours gave us so much more than we expected. The visitors were so polite and friendly, smiling with us and willing to chat about their woodworking experiences on many different levels of expertise. The SDFWA members assisted us with any questions we had and were warm and very appreciative of our help that day. We both hope to go back to the Fair soon to offer our assistance once more. Other than chasing one young person out for eating a foot-long hot dog on the indoor premises and having slightly sore feet at the end of the day, our experience enhanced our passion for learning more about the fine art of woodworking. Thank you for giving us this opportunity.

Mike and Debbie Winters

The search for volunteers was short. People just volunteered. Jim Thompson, my neighbor, was always there for lifting. Advice on finishing and lifting was also supplied by Kim Sands who lives a few doors up from George. The most help, of course, came from members of the SDFWA. Lou Adzima filmed and took pictures of all kinds of things. Don Spangler sanded and finished as did Anna Martin. Clare Pister brought a friend to help me carry HEAVY wood to my truck. And then Clare went on to arrange everything for the party: bake cookies, bring her sister to help, etc., etc., a whirlwind that girl. Jeff Bratt sanded, helped attach the skirt to the tabletop, and was there often with lifting help and advice. Don got roped into planning this event and did his usual stellar job. Dale Stauffer, our VP in charge of goodness, donated some Iron Bark Eucalyptus that defies description. Besides being HEAVY it has color and figure that is unrivaled. This is good stuff. Look, you guys distract Dale and I'll go get the rest of the wood. I'll share, maybe.

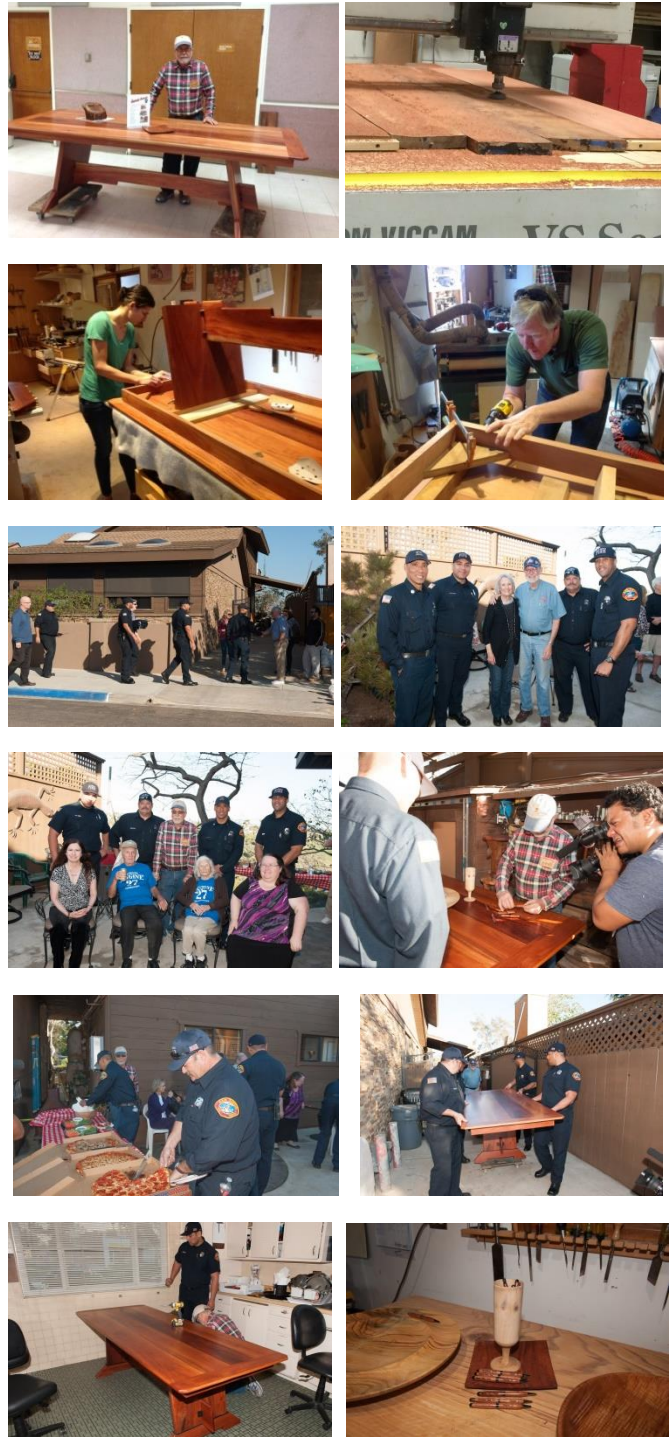
Carlos Gonzalez Velez contributed his large brain and quite a bit of brawn to master the CNC machine at MakerPlace. We could not have done the table without first surfacing the material because the Iron Bark Eucalyptus was rock hard. Dale said it was case hardened in the kiln drying process. Carlos showed me the CNC surfacing ropes and stayed for hours helping get this wood ready for making a table. Dan Heck stepped forward to help make pens and ended up making all of them. I had the relatively easy task of taking the pens to MakerPlace and using the laser to put names on them. Lucky there were extra pens. I made two mistakes. Sorry, Dan.

I managed to make a lazy Susan from a piece of Torrey Pine I had lying around and silk screened 10 shirts for the crew at #27 with their new, but not yet approved, logo.

Delivery day was Sunday the 8th of February and we had a party. The fire truck showed up at 3:00pm along with about thirty people from the neighborhood and SDFWA. Don Spangler, Celeste and Jeff Bratt arrived with chairs, tables and goodies. KUSI showed up in the form of Taylor Schuss, who filmed everything. The party was a rousing success: the table got delivered, Public Relations had a good day, and all was well with the world.

The best part of this whole process for me was meeting and getting to put a face on the guys who drive around in fire trucks. Ronnie and his crew are some really good people and now, whenever I hear a siren in the distance, I know it is them or someone like them going to help some needy person or family as fast as they can. A special thanks to Engine 27 and its crew!

Mike McElhiney



Photos by Lou Adzima, SDFWA Historian

March Pro Bono Letter of Appreciation

Hello Jim,

I am sorry I wasn't at my desk when you delivered the beautiful table and the adorable wooden toys. We are so blessed by your generosity. Please accept our deep appreciation for such wonderful donations. The office informed me that you have another table coming in the near future. Please be aware that the preschool will be closed next week. We will be re-opening on Monday, February 23rd.

Once again thank you for your generosity

Danna Staples, Chairman of the Hope Christian Preschool Board



James Vitale, Pro Bono Chairman

Member Bill Collins Pro bono Work

This is a small toy box we made for Rady Children's Hospital to hold toys they use as rewards for children undergoing treatment.

It's made from solid cherry, and has soft-closing hinges to protect little fingers. It has received five coats of thinned oil-based polyurethane applied with a cloth, with wet sanding between coats using 400, then 600 and finally 800 grit wet or dry sandpaper and mineral spirits. It will be polished a couple of days after this final coat with Watco liquid wax.



DIW Chair Shop Delivery

Today was a blast. I delivered four chairs to Kathy Smith's fourth grade classroom at the Calvary Christian Academy in Chula Vista. Kathy greeted me with bubbling appreciation and her class recited "Good morning Mr. Bob" in unison. Kathy said she wanted her class to experience what wood is and what it feels like. They are currently studying the Revolutionary War period. I told the class that the chairs are modeled after a 200 year old child's chair that was in Pat Edward's shop, and that we've been making them for 17 years. I mentioned our nineteenth century chair shop at the fair and asked if anyone knew when the nineteenth century was. Many hands went up and a young man said "the eighteen hundreds." Kathy got my mailing address and said she'll have her class send a thank you letter to the association.

I then took four chairs to Dan Brown, the nurse at the UCSD burn intensive care unit. Dan is the fellow who was the subject of Ron Rossi's note concerning an unfilled request from 2013. When I initially contacted Dan, he was very excited to hear from me. When I arrived at the burn unit today, he greeted me enthusiastically and gave me a VIP tour of their unit. The chairs were put in place in a waiting room that doubles as a children's play room. I set them around a little video game table whose top was considerably taller than appropriate for the chairs. Dan had mentioned that he has wooden blocks for his child patients to play with, so I saw they have a need for a table to go with the chairs. I called Martin this afternoon, and he said he has parts for a table. He and I are going to do joinery and assembly of this table starting Thursday, Feb 26 in his shop. When I called Dan this evening and told him we're making him a table, he called me an angel (catch in my throat). When I deliver this table, Dan will ask me for a list of the people who worked on the chairs so that he can have a thank you letter written on behalf of the burn center. When I receive a thank you letter, I will share it with the membership.

Member Bob Bostick

Palomar College Urban Forest Event

On April 2nd to 4th, the Cabinet and Furniture Technology department at Palomar College in Vista, CA is hosting the Annual Conference of the California Urban Forests Council - Celebrating the Uniqueness & Utilization of California Urban Woods. The three day conference includes a reception on Thursday (4/2), an all-day educational conference on Friday (4/3), and an educational and exhibit portion of the conference on Saturday (4/4).
Continued next page

April 4th is when fine woodworkers and artists can show their creations, standing alongside the nonprofits and demonstrations of equipment from various elements of the industry. Check for all the details at the CaUFC website - <http://www.caufc.org/Annual%20Conference>.

On Saturday April 4th, from 8:00 am to 3:30 pm, there is an exhibit and demonstration portion of the conference - the Urban Wood Fair and Art Show. This is open to the public, free of charge, with displays from vendors related to harvesting and using urban wood, and artists' creations using urban wood. SDFWA will be represented here - drop by and say "Hi"!

Maple; Hard and Soft

I recently became curious about how to distinguish between the hardwoods described as hard and soft maple. I would like to share the following information which was collected from several sources on the Internet.

Continued next page

The term "Soft Maple" does not refer to any specific species of maple, but rather, is a broad term which includes several different species. "Soft Maple" is merely used to differentiate all of these species from Hard Maple.

Hard Maple (commonly called Rock Maple or Sugar Maple), on the other hand, typically refers to one specific species: *Acer saccharum* (the tree which is tapped to get maple syrup). Besides *Acer saccharum*, one other species is sometimes considered in the grouping of Hard Maple in the United States. This is [Black Maple \(*Acer nigrum*\)](#), which is so closely related to Hard Maple that some even consider it to be a sub-species of the same tree, classifying it as: *Acer saccharum* subsp. *nigrum*.

Depending on where you live, several different species might be sold as Soft Maple. In Oregon, the Soft Maple you buy (if it has been harvested locally) will likely be [Bigleaf Maple](#), while in the eastern United States you may actually be buying [Red Maple](#) or [Silver Maple](#). There is a rivalry for which is superior between advocates of Bigleaf Maple on the west coast, and Red Maple fans on the east coast.

Two other common species of maple that fall under the grouping of Soft Maple are: [Box Elder \(*Acer negundo*\)](#) and [Striped Maple \(*Acer pensylvanicum*\)](#). Each of these species has their own characteristics regarding strength, hardness, weight, etc. But overall, they are not as hard or as strong as Hard Maple.

Obviously the trees referred to as soft are not as hard as Hard Maple. But what is the actual difference in hardness between the several species mentioned

above? It turns out there is a system of quantitative measurement of the hardness of different wood species. It is based on something called the Janka Scale. The Janka Scale is based on a test which measures the actual hardness of wood. Ratings are determined by using the Janka Hardness Test which measures the force required to drive a .444 inch steel ball into a sample of wood until half its diameter is embedded in the wood. Testing on the surface of a plank perpendicular to the grain is said to be a measurement of "side hardness". Results are stated in various ways: pounds-force in the U.S., kilograms-force in Sweden and either newtons or kilonewtons in Australia. But the most useful way is to state the results in relative numerical units, eg. 660 Janka. Hardness varies with the direction of wood grain in which the measurement is taken but results almost always refer to "side testing". However the test is done and whatever units are used, the higher the number the harder the wood. This is one of the best measures of the ability of wood species to withstand denting and wear. It is also a good indicator of how hard a species is to mill or work with hand tools.

Because hardness may vary depending on when and where the wood is harvested, the Janka rating should only be used as a general guide when comparing various species of wood. The Janka Hardness Scale has become the industry standard for determining whether a given wood is suitable for flooring material. Red Oak, which has a Janka rating of 1290, is the industry benchmark for comparing the relative hardness of different wood species.

The following results are from tests performed by the American Society for Testing and Materials (ASTM). The hardest wood tested is one I have never heard of, Australian Buloke, which is rated at 5060 Janka units. For comparison, Lignum Vitae is rated at 4500, Brazilian Ebony at 3692, Black Walnut and Cherry nearly identical at 1023 and 1010 respectively and Balsa at 100.

Many Janka hardness charts are available on the Internet. The most comprehensive one I have seen can be found at this web address:

<http://sizes.com/units/janka.htm>

Dick Ugoretz, Member at large

Report on Brian Jackson Shop Tour

On February 14th, 2015 we were privileged to tour Brian Jackson's Shop. Brian is a wood turner and a member both of SDFWA and the San Diego Woodturners. Brian began turning wood in 2000 and was a finish carpenter by trade. In 2008, the SD Woodturners held a demonstration of an MDF rose engine. This inspired Brian to first build his own MDF rose engine and then several months later, he ordered a large, metal rose engine from Fred Armbruster. Fred Armbruster, a New England retina surgeon, was building a batch of 26 rose engines. He ordered one and in 2009 Mr. Armbruster came to the west coast and assembled his lathe, an Armbruster Mark II. In 2014, Mr. Armbruster was kind enough to let Brian emulate his Mark II in order to build his own, homemade rose engine. Brian spent eleven weeks, worked every day and completed his own metal rose engine. In the accompanying photos, this lathe has the polycarbonate discs.

The rose engine is a very special ornamental turning lathe. The term rose engine comes from the way some of the patterns look that can be turned on the lathe; people thought they resembled roses. The particular type of rose engine Mr. Armbruster used as a prototype is a Holtzapffel and his is named the Armbruster Mark II. While we were all admiring the lathe, Mike Switalski, the SDFWA Magazine Sales chairperson, mentioned that he knew about an article on Mr. Armbruster and the Holtzapffel lathe, which he kindly emailed it to me. The article is from Wood Magazine, December 1998 and I highly recommend it. Perhaps you can pick up a copy at the next meeting, or, if you can't find it, try going to www.holtzapffel.org. This website provides a great deal of information on the ornamental lathes built by the Holtzapffel family beginning in the 1700's.

Brian has a wonderful gallery in his home in which he displays some of his work. He told us that the pieces made on the rose engine lathe are not sanded after they come off the lathe. Sanding would damage the very fine details. He does use oil and wax to achieve the finish you see in the photos. How fine are the details in ornamental lathe turnings? In my opinion they are as fine as those of a metal lathe. Brian has heard of judges using a jeweler's loupe to examine pieces. Some of Brian's work is shown in del Mano and Idyllwild Galleries.

As I left the tour, I half expected to see Phileas Fogg and his faithful servant Passepartout step out of the Victorian age and into Brian's shop to order something. www.jacksonwoodworks.com

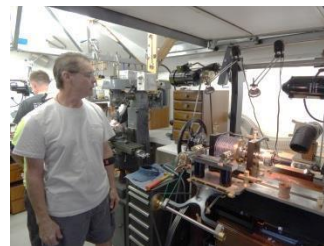
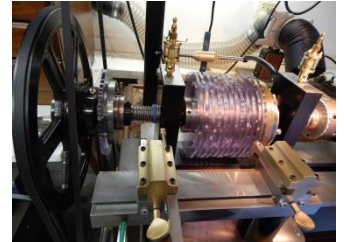
Article by Adrian Larson, Editor



Armbruster lathe



Jackson lathe



Brian Jackson



SDFWA 2014 Financial Report

Income	
Membership Dues	32,872.99
Seminar	15,001.39
Donations	4,132.08
DIW Donated Awards	3,900.00
Tool Raffle	5,899.00
Other	2,593.80
Total Income	64,399.26

Expenses	
Design in Wood Show	10,886.94
Seminar/Special Events	15,179.06
General Meetings	4,872.32
Tool Raffle	5,115.91
Newsletter/Communications	2,816.07
Administrative/Web Site	3,040.84
Scholarships	1,890.00
Membership	2,031.04
Mentor Program	956.24
Storage Unit Rental	3,374.00
Toy Program Materials	772.60
Insurance	1,928.89
Other	2,521.77

Total Expense	55,385.68
Net Income	9,013.58

SDFWA ended fiscal 2014 in stable financial condition. Our number of members held steady, and we had a fiscal surplus - which helped offset the substantial expenses incurred during 2013 for developing our new website.

Continued next page

Also note that almost half of that surplus can be attributed to donations, which are not expected to recur this year.

Looking forward, we plan to keep our activities going at their recent levels, revitalize our Mentor Class program, explore some new opportunities, and invest in some capital improvements - like the new projector for our General Meeting presentations.

Jeff Bratt Treasurer

Wants and Disposals

As you all know, the Wants & Disposals is open only to current members that want to Buy, Sell, or Trade equipment or supplies. It is not for commercial ads. To list an item, please e-mail Dave Barnhart at: WantsAndDisposals@sdfwa.org or call 760-721-1457 and leave only your name, identify yourself as a SDFWA member, and an evening call back number. When I call back, please provide the following: Full Name, E mail address, if you have one, the general area or town of San Diego Co. where the equipment can be seen, price range & item description.

You can bring a picture to the meeting and give a brief talk or sales pitch. We do not have a display area, so please bring only pictures to the General Meeting.

Please Note: Each ad will only run in one issue of the newsletter. If you want to run the ad again, you will have to resubmit the information to Dave Barnhart at the above listed e-mail or phone number.

Dave Barnhart, Chairman Wants and Disposals

Please contact Dave Barnhart

WantsAndDisposals@sdfwa.org

or

760-721-1457, when you have found a Buyer, an Item to buy, or the help you requested.

For updates, check:

<http://www.sdfwa.org/wants-and-disposals/>

Wants

There are no wants

Disposals

- **Old Growth Teak Boards** (all over 30 years old)

\$24 per board foot

12"x11'8"x1" = 11.6 bf 11"x10'7"x1" = 9.7 bf

12"x9'7"x1" = 11.2 bf 14"x9'7"x1" = 11.2bf

10"x11'3"x1" = 9.4 bf 8"x10'4"x1" = 6.9 bf

10"x10'9"x5/4" = 11.2 bf 8"x9'9"x5/4" = 8.1 bf

12"x7'8"x1" = 7.6 bf 7"x6'4"x1" = 4.7 bf

9"x6'8"x1" = 5.0 bf 8"x6'7"x1" = 5.4 bf

8"x6'7"x5/4" = 4.4 bf

Mike Madrid: 858-486-5423, av8termike@aol.com

- **Porter Cable 4210Dovetail jig**

Like new with all original items, half-blind/dado combo template guide and locknut plus manual \$95.

Ted Moore: edwardsmoore1922@gmail.com

- **Stanley Safety Speed Cut Panel Saw** Model H-4, serial number P-94, 8" blade, 2 ½ HP, 13 amps, 5800 RPM, accepts 4' x 8' panel: \$500 OBO.
Don Hicks 619-540-1949

- **Free to good home**
Fine Woodworking magazines from Number 15 to present
Bob Martinson 858-451-0329

- **Reliant Dust Collector** Model 720, well cared for and comes with manual and extra filter and dust collection bags. Asking \$100

Incra Miter 1000/HD Miter
Gage, like new and comes with manual. Asking \$95
Contact Bob Bernier at 619-248-1115 or
bob767i-shop@yahoo.com

- **TOOL SALE on 14 March 2015 at 12:00 noon for Ellie McDowell**
This is a One Day Sale at 29830 Red Mountain Drive, Valley Center, Ca 92082
There will be NO PRE-SALE

Note: This is the second sale of the day and starts at noon.

Powermatic 10" table saw model 66 - Price: \$1100
8" Jointer - Price: \$300
14" Bandsaw - Price: \$225
Tormek Supergrinder with numerous accessories Model 2000 - Price: \$200.00
Router Porter Cable 1 ½ HP Model: 90690 - Price: \$120.00
Carving Set Swiss/Japanese - Price: \$130.00

Download a complete list with pictures from:
<http://www.sdfwa.org/wants-and-disposals/>

- **TOOL SALE on 14 March 2015 at 8:00 am for Lani Fawcett-Murders**
This is a One Day Sale at 285 Oak Valley Lane, Escondido, CA 92027
There will be NO PRE-SALE

Note: This is the first sale of the day for this area.
The second sale is at 29830 Red Mountain Drive, Valley Center, CA 92082

Drill press 10" bench top 110v Model 813B \$40

Router table & bench table top, Craftsman 2hp, ½" collet, mobile base \$120

Scroll saw 16" Delta 40-540 variable speed, stand \$60

Miter saw 10" Craftsman 137.212000, stand \$50

Table saw 10" Craftsman 315.228310 blades & accessories \$120

Clamps-Variou, prices as marked

Shop Vac 18 gallon, 6.5hp \$75

Miter saw Jorgensen, multi-angle cut \$15

Random orbit sander Model RS541 \$15

RotoZip drywall cutter Model RTM01 \$20

Socket set-Allied \$20

Saber saw Craftsman 17207 \$20

Download a complete list with pictures from:
<http://www.sdfwa.org/wants-and-disposals/>

Please check
The website www.sdfwa.org for changes

Notice:

**The April Board Meeting will be held
at a new location. For this meeting
only go to:**

**The Scripps Ranch Library
10301 Scripps Lake Drive
San Diego, CA 92131**

7:00 PM, April 1

858-538-8158

2015 San Diego Woodworkers Association

DIRECTORS

President:	Bernie Burke	760-723-0972	president@sdfwa.org
Vice-President:	Dale Stauffer	619-561-2202	vice-president@sdfwa.org
Treasurer:	Jeff Bratt	619-276-8641	treasurer@sdfwa.org
Secretary:	Jeanne Skinner	858-349-2780	secretary@sdfwa.org
Member at Large:	Dick Ugoretz	858-490-6295	MemberAtLarge@sdfwa.org

COMMITTEES

Craftsman list:	Ron Rossi	619-582-9883	CraftsmanList@sdfwa.org
E-Mail List Manager:	Harry Baldwin	858-278-8718	EmailManager@sdfwa.org
Historian:	Lou Adzima	619-922-0311	ilovejamul@cox.net
Magazine & book sales:	Mike Switalski	858-404-3260	mikeswital@hotmail.com
Membership:	Sia McGown	619-223-3259	sdfwa.membership@gmail.com
	Mike Davis	858-486-1014	sdfwa.membership@gmail.com
Membership Greeters:	Kevin Deal	951-565-6848	kevind1956@sbcglobal.net
Member Shop Project	Gary Anderson	619-670-1181	pinz711@aol.com
Mentor Program:	Bob Stevenson	619-422-7338	MentorProgram@sdfwa.org
Merchandise:	Vacant		
Newsletter:	Adrian Larson	858-672-1808	newsletter@sdfwa.org
Pro Bono:	Jim Vitale	858-623-8630	jamespvitale@yahoo.com
Programs:	Del Cover	858-270-7739	del@delcoverwoodworking.com
Property:	Dale Stauffer	619-561-2202	ddstauffer@cox.net
Publicity:	Clare Pister	434-989-2357	publicity@sdfwa.org
Refreshments:	Don Spangler	858-270-6165	coffeeorganic@hotmail.com
Resources/Raffle:	Jim Strawn	619-887-8090	jlstrawn@cox.net
Scholarships:	Jim Strawn	619-887-8090	jlstrawn@cox.net
Shop Tours:	Dale Stauffer	619-561-2202	ddstauffer@cox.net
Shows & Exhibits:	Ed Gladney	858-484-4366	DesignInWood@sdfwa.org
Sound Technician:	Thomas Johnson	619-281-7170	tejohnson22058@aol.com
Special Events:	Ed Gladney	858-484-4366	gladney@san.rr.com
Swap Meet:	Don Spangler	858-270-6165	coffeeorganic@hotmail.com
Toy Program:	Roger Solheid	858-279-1140	rsolheid@sbcglobal.net
Video Library:	Bob Reese	858-695-2460	rreese@gmail.com
Video Technician:	Michael Fairbanks	619-465-4972	mkfairdpmm@netscape.net
Wants and Disposals:	Dave Barnhart	760-721-1457	WantsAndDisposals@sdfwa.org
Web Site:	Jeff Bratt	619-276-8641	webmaster@sdfwa.org
	Doug Murphy	619-441-9665	dw-murphy@cox.net

Meeting Dates for 2015

General Membership Meetings

Al Bahr Temple
5440 Kearny Mesa Road, SD
(behind the Hampton Inn)
7:00 PM

Wednesday:

March 25
April 29
May 27
July 29
September 30
December 2

SDFWA Mailing Address

P.O. Box 82323
San Diego, CA 92138-2323

Board Meetings

The Hardwood & Hardware Co.
8849 Complex Drive, SD
7:00 PM

Wednesday:

March 4
April 1
May 6
July 8
September 2
November 4

SDFWA Web Page Address

<http://www.sdfwa.org>

Sponsors

To receive your discounts, please show your membership card before you make a purchase

American Furniture Design Co

www.americanfurnituredsn.com

E-mail americanfurniture@cox.net

Phone: (760) 743-6923 (Orders)

Hours: 8:30-4:30 M-F

Brian Murphy, Proprietor

125 of the Finest Woodworking Plans, The only supplier of Daly's Finishing Supplies in San Diego, Hardware, Hand Tools and Books.

SDFW member benefits, 15% on all products and Free Shipping in San Diego County.

Bayside Paint, Inc.

www.baysidepaint.com

Email: info@baysidepaint.com

1228 Knoxville St., San Diego, CA 92120

Phone (619) 275-7800

Hours: 6:30 – 5:30 M-F, 8 -5 Saturdays

Robert Lewis, Manager

Mohawk Finishing Products and many other stains, sealers, fillers and tools. Free delivery with minimum order and UPS shipping available.
10% discount to SDFWA members.

DeWalt, Porter Cable, Delta Factory Service Center

7290 Clairemont Mesa Blvd., San Diego, CA 92111

Phone: (858) 279-2012

Hours: 7:30-4:30 M-F

Dave Stelmachowski, Manager

Porter Cable, Delta, DeWalt, Devilbiss, FLEX, Biesemeyer and Oldham Parts, Accessories, Repairs and Reconditioned Tools.

Special consideration to SDFWA members

Environmental Spray Systems

www.espraysystems.com

Email: service@spraysystems.com

7114 Convoy Ct. San Diego, CA 92111

Phone: (858) 279-7114

Hours: 8:00-5:30 M-F

Sam Rinaker, Owner

Specializing in spray finishing equipment. Local distributor for Devilbiss, Graco, Paasche, Accuspray, Ransberg and Gema. 10% discount to SDFWA members.

Fas-N-Go

2260 Main St. Suite 15, Chula Vista, CA

Phone: (619) 424-4774

Hours: 7:30-5:00 M-F

Nail guns, brads, staples, nails, plus accessories for nail guns and repair service. Distributor for 3M, Senco, Haubold, Josef Kihlberg, Spotnail, Hitachi, Bostich and Paslode.

10% discount on sales and service to members.

Frost Hardwood Lumber

www.frosth hardwood.com

6565 Miramar Rd. San Diego, CA 92121

Phone: (858) 455-9060 (800) 258-3534

Hours: 7:00-4:30 M-F, 8:00-12:30 Sat.

Jim Frost, proprietor

They stock a wide variety of domestic and imported hardwoods as well as veneers, laminates and many other supplies for the commercial and hobbyist woodworker. The Frosts (Mr. G. T., Bruce and Jim) along with their staff stand ready to serve your woodworking needs.
Special SDFWA discount.

TH&H The Hardwood and Hardware Company

The Woodworkers one Stop for Material and Supplies

www.th-h.com

8849 Complex Dr. San Diego, CA 92123

Phone: (858) 536-1800 Fax: (858) 614-1811

Hours: 7:00-5:00 M-F, 9:00-4:00 Sat.

Tom Drinnon, Manager

Hardwood lumber, Moldings, Veneers, Cabinet Hardware, Finishes, Hand Tools and Supplies.
Contractor discount to members.

TH&H goes out of their way for SDFWA! They open their doors and stay late for our board meetings.
Thanks **TH&H!**

Lane Stanton Vance Lumber

360 Vernon Way, El Cajon, CA 92020

Phone: (619) 442-0821

Hours: 7:00-3:00 M-F

The company carries domestic and imported hardwoods, molding and panel products for cabinet makers, furniture makers and contractors. Contractor discount to members.

Mission Molding & Wood Specialties
www.missionmoulding.com

9510 Chesapeake Dr. # 401. San Diego, CA 92123
Phone: (858) 569-8591
Hours: 7:30-5:00 M-F, 8:00-1:00 Sat.
Bob Hawk, Manager

The sign inside Mission Molding's door says "We have one of the largest selections of architectural and decorative moldings in Southern California." Select from more than 300 patterns in a variety of woods as well as polystyrene, fiberglass and primed plastic. The staff of Mission Molding can also supply you with mantels, handrails, balusters, columns and more. Depending on the item members will get a 5% to 10% discount.

Packaging Store
www.gopackagingstore.com

7848 Silverton, Suite A, San Diego, CA 92128
Phone (858) 549-7274
Hours: 9:00-5:00 M-F
Peter Wharf, Manager

Custom boxes, crating, packaging supplies and shipping. Phone estimates and pick up service available. 10% discount to SDFWA members

R. S. Hughes Co. Inc.
www.rshughes.com

1281-B Liberty Way, Vista, CA 92081-8309
Phone: (760) 579-0222
Hours: 7:45-5:00 M-F
Chuck Schweikart, Manager

San Diego's largest inventory of 3M abrasives, adhesives, safety equipment and more. Phone orders/estimates. UPS shipping or walk in service available. 10% discount to members.

Rockler Woodworking and Hardware
www.rockler.com

8199 Clairemont Mesa Blvd. San Diego, CA 92111
Phone: (858) 268-1005
Hours: 9:00-6:00 M-F, 9:00-5:00 Sat., 11:00-4:00 Sun.
Mike Durlak, Manager

Rockler is an excellent source for hard to find hardware and accessories. Manager Mike Durlak and his staff can help you with good selection of hardware, exotic hardwoods, veneers, inlays, specialty moldings, fine woodworking hand tools, an impressive array of finishing materials, a great selection of books and plans and weekly workshops in many disciplines. Visit this great woodworking source next time you need that special item no one else seems to have. Catalogues are available. 10% discount on general purchases (except power tools).

Russ Filbeck, Master Chair Maker
www.russfilbeck.com
E-mail: _rcfilbeck@aol.com
(858) 566-9699

Make your own heirloom quality chair. Chair styles include Appalachian Ladder Back and Windsor chairs. All materials, tools and instruction provided. Class size is limited to two students. Use the web site, e-mail or call Russ to schedule your class. 10% discount for SDFWA members on the Two-Slat Ladder Back or Sack Back Windsor chair class.

Shellac Finishes
www.shellacfinishes.biz
E-mail sales@shellacfinishes.biz
Vijay Velji, Proprietor

Internet only. Shipped USPS
De-Waxed Shellac Flakes for classical woodworkers at very competitive prices.
SDFWA members must enter coupon code 1010 during checkout to receive a 10% discount

Strata Forest Products

www.strataforest.com

165 Denny Way, El Cajon, CA 92020
Phone: 619-449-9663
Hours: 7:00-4:00 Mon.-Sat.
Bob Evans & Jack Griede Proprietors

Strata Forest Products is a diversified company specializing in hardwood lumber, panel products and moldings. With years of experience, we have been serving design firms, architects, cabinet shops and the furniture industry in all their hardwood needs. From our wide range of hardwood species, to our custom knife grinding facilities, we have both the skills and tools to turn unique designs into reality.
Contractor discount to SDFWA members.

Woodworker West

www.woodwest.com

P.O. Box 452058, Los Angeles, CA 90045
Phone: (310) 216-9265 Fax: (310) 216-9274
E-mail: editor@woodwest.com
Ron Goldman, publisher

Published bi-monthly to promote craftsmanship in woodworking throughout the western U.S. Discount subscription rate to SDFWA members. \$10 for one year and \$18 for two year. When applying, after your name add SDFWA member and your member number.

Tropical Exotic Hardwoods of Latin America

www.anexotichardwood.com

2270 Camino Vida Roble, Suite "B", Carlsbad, Ca.
92011
Phone: (760) 434-3030, Fax: (760) 434-5423
Hours: 8:30-4:30 M-F, 9:30-1:00 Sat.
Mitch Talcove, Owner/ Manager

Specializing in a wide selection, varieties, sizes, and shapes of Exotic Hardwoods from Latin America. 10% off all purchases with valid SDFWA card (cash or check preferred if SDFWA is being applied).

Toolmart, Inc.

www.toolmarts.com

2750 Auto Park Way, Escondido, CA 92029-1030
Phone: (760) 747-2626
Hours: 7:00-5:30 M-F, 7:00-4:00 Sat.
Jeff McCreary, Manager
Discount tool store and authorized repair center.
Contractor discount to members.

Vac-U-Clamp

www.vac-u-clamp.com

Email: barney@vac-u-clamp.com

4149 Avenida de la Plata, Oceanside, CA 92056
Toll-free Phone (858) 342-8262, Fax: (888) 357-4244
Barney Rigney, Owner

Vac-U-Clamp is the leader in vacuum forming and vacuum laminating technologies. We have a full line of vacuum presses, pumps, materials, and adhesives. Vac-U-Clamp is your single source for all vacuum forming and vacuum laminating products. 10% discount to SDFWA members.



**Non-Profit Org.
U.S. Postage Paid
Permit 697
San Diego, CA**

Next meeting: 7 pm, Wednesday, March 25th, 2015 at the Al Bahr Temple

