

WOODCHIPS 2012



www.KCWoodTurners



Reminders

**Get your raffle tickets
when you come into the
meeting.**

5/712
Board Meeting

5/1412
Regular Meeting

**May
Challenge
Something with a
spiral**

**May
Demonstration
Band-saw Set-up
and Maintenance**

Meeting



Norm Peters got the meeting started on time and encouraged a new member introduced himself. **Sam Hedgepeth** is very new to **KCWT** and new to the area as well. He lives in an apartment so his lathe is outside and he has been taking advantage of the open turning times.

Speaking of Open Turning—if there is an interest in more turning times, you need to make your interest known so that it can be arranged. You can let any board member know by email. The information for how to do this is in this newsletter.



Norm also introduced Zach who needed some help. A friend of his made him a drum but it is a little too large for the drum head. He was hoping someone from the club could help him by doing something about the size. He was led to us by our web site. Hope he got the help he needed

CALLING ALL MAKERS!

Inventors, Artists, Gardeners, Foodists, Crafters,
Young Makers, Hackers, Robot Builders,
Software Designers, DIY-ers - WE WANT YOU!

INSIDE THIS ISSUE

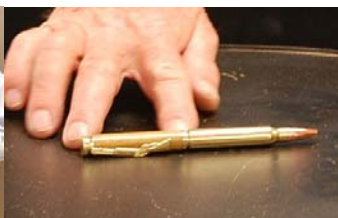
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KCWT will be participating in the Maker Faire at Union Station this summer. It is a weekend extravaganza and a place to show off ideas, inventions, and creations. Everything from 3D printers to Power Wheels racing, from science to food to art of performance. There will be about 300 or so groups and individuals participating and we will be there. Set aside the weekend of June 23-24 to visit Union Station and see all the activities, especially **KCWT** at the Maker Faire. We will be inside and we will be looking for you and so will The Top Guys. More info to follow.

Challenge

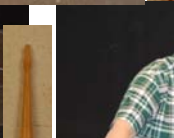
Larry Dice brought two pens—his first attempts. The pens, Siena, one is holly with a Celtic Cross and the other red heart and purple heart.





Something simple and fairly common becomes something special in the hands of a craftsman. **Don Grimes**, a frequent challenge competitor, brought a bullet pen to the challenge this month.

Sometimes simple is the best. **John Burrite** made a very simple "low tech" dip pen with inter-changeable tips



Starting with an inserted piece of wood, then moving to one piece of metal and then two, **Shaun Q. McMahon** participated in his first challenge.



Creativity often comes from odd places and thinking differently. **Galen Carter** used a Christmas ornament fitting and attached it to the end of one of his pens as a way of fastening it to something. The pens are an applewood sketch pen and a redheart slimline and both with three coats of friction polish.

Show And Tell



David Bartlett brought some wood to the meeting as well as a couple items. One was a tool handle for a screwdriver with multiple tips. Buy the tool at any store and personalize it with a handle of your own. It has a rare earth magnet in the end to pick up dropped screws in the shop.



The natural edge bowl is from old wood. First tried shell wax and hated the look and then used shellac and liked it much better.



Tip Of The Month

Use aerosol sprays when using accelerators speeding up the curing of CA glue. They have vastly superior spray patterns and will not leak out of the can during storage.

Coming Attractions

Club events are held at 3189 Mercier, Kansas City, MO
More information about calendar events and open turnings, please visit our website at www.kcwoodturners.org

May

Demonstration—Bandsaw Set-up and Maintenance
Orum - Woodcraft

June

Demonstration—Embellishments
Stuart Shanker
June 23-24—Maker Faire

August

Demonstration - Segmented Wood Projects
Kevin Neelley
Challenge—something with a surface embellishment
August 31—Irish Fest

September

September 1-2—Irish Fest
Challenge—Anything segmented

December

Demonstration—membership



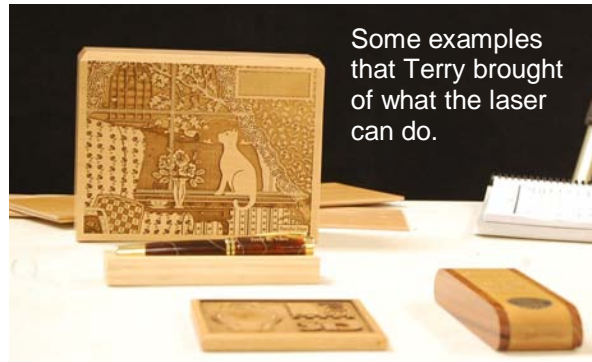


Anthony Harris generally brings something interesting and today was no exception. Pocket pipes were on the agenda for this meeting. One of them has a twist on lid for the tobacco chamber. Above right picture, are carriers for flints or something of that size—use your imagination.

Demonstration



The presenter for the meeting's demonstration was introduced by **Jerry James**. The tool show in Overland Park was the venue where **KCWT** was turning pens and helping Wood Craft. Many of those turning pens were coming back to show us that they had their names engraved on them. In exploring how that was happening we met **Terry Viles** with Epilog Laser. Jerry contacted him and asked him if he would be willing to demonstrate the laser at one of our meetings and tonight was the night.



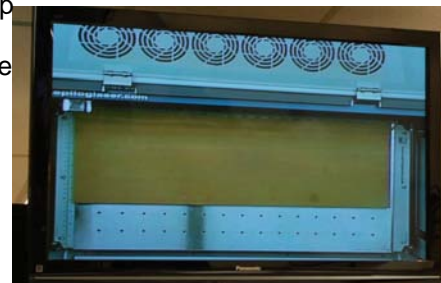
Some examples that Terry brought of what the laser can do.

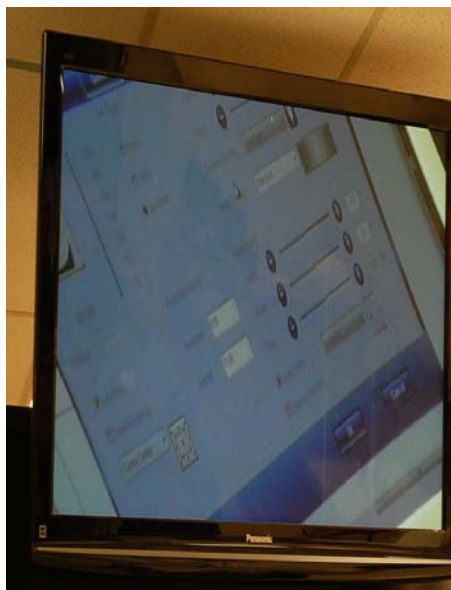
Probably one of the things that was most important to hear is that this piece of equipment is no more difficult to operate than any computer printer, a big printer but a printer none the less. It can print/ engrave anything except vinyl and pvc. He recommended staying away from anything that is really soft and grainy like pine and recommends using woods that are tight grained.



The first thing that Terry demonstrated is that the machine is able to put the **KCWT** logo on a piece of wood. The logo was sent to his computer, brought into the Corel Program, broken apart and some of the pieces were made lighter and darker, the image was put back together, sized, and set up to be sent the laser.

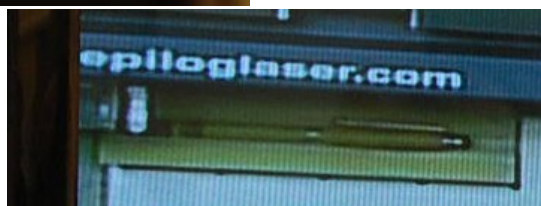
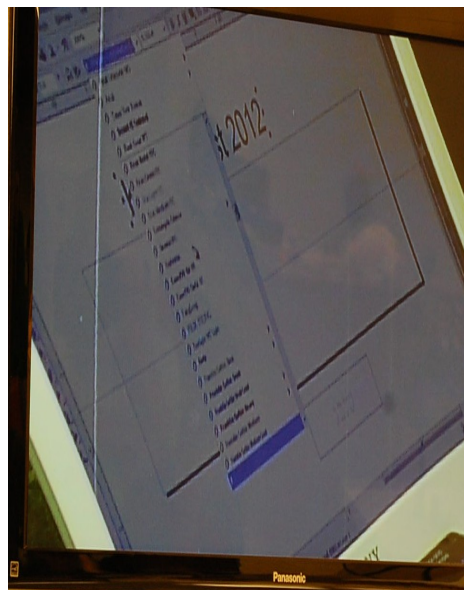
The wood was placed on the table of the laser.





The software that operates the computer is easy to use and can break apart art work, allow for changes to be made in the art work, then regroup it so that it can be placed on the material.

Multiple fonts are available to allow for a great deal of creativity. It also works with a large number of photo files, translates from one type to another and Terry demonstrated the machine's versatility.



Start with an idea like putting "KC Irish Fest 2012" on a pen. Choose a font from the library, and put it into the software. Then take the pen and put it on the holder in the machine. In this particular case, the manual focus of the machine is used, the machine set, and in 9 seconds the finished product is delivered.



Even a complicated drawing can be translated to a pen—11 sec.

Galen Carter stuck around after the demo to ask questions and to have something put on one of his pens.



Woodcraft Supply
8645 Bluejacket Rd.
Lenexa, KS 66214
(913) 599-2800



Store Hours
Mon, Tues, Wed, Fri 9 am—7 pm
Thurs 9 am—9 pm
Saturday 9 am—6 pm
Sunday 9 am—5 pm

As a member of KC Woodturner, you receive a 10% discount except for on sale items and power tools. Make sure you present your KC Woodturner Card.

Craft Supplies
1287 E 1120 South
Provo, Utah 84606
1-800-551-8876



Jeff Edemann offers KCWT members 10% off all items except sale items and power tools. Ask Jeff about any discount on power tools.



10% discount on lumber and supplies to all KC Woodturners Chapter members when you present your membership card!

816-892-3398
800-456-2148
Fax 816-753-0250
3001 Southwest Blvd.
Kansas City, MO 64103-3616



Craig Timmerman Demo

The man from Texas was here on April 7th and was justifiably impressed that there were as many attending the demo “on the day before Easter” as there were. The twenty five people who attended—and not all were **KCWT** members—were treated to the turning of four different objects: a flying bowl, a Torus vase, a spout off vase, and a three sided bowl.

Even before we got started there was excitement in the air.



Jerry Darter, being from Texas, may have been over-identifying with our presenter, and it wasn't a holy picture in toast, but longhorns in an egg—really!



Our presenter started before the demo, by sharpening all the tools he was going to use, carrying through with what he does when he is working—preparing.



Jerry James, who made the arrangements to get Craig Timmerman here, as well as housing him while he was here, introduced him, took care of setting the tone with the “housekeeping plans,” and informed everyone of the handouts which covered all the demonstrations of the day.



Flying Bowl



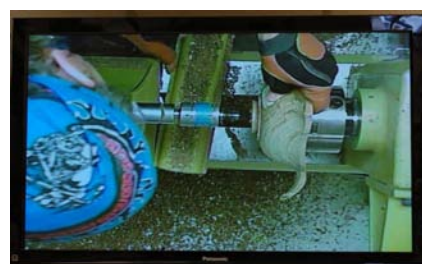
He uses chucks into which he puts drive centers “saves time in production turning.” “The bowls are thicker than art bowls because I see mine as utilitarian and they need to be able to take some abuse.” Uses a lot of mesquite wood as it is hard and imperfect.



Turning non-round shapes is one of my favorites. All of the bowls here start as some kind of square or rectangular shape. (I don't turn a round bowl and then cut it later to make the square shapes.) He turned a rhombus shaped bowl for the demonstration.



The first decision regarding flying bowls is the shape of the wing. He keeps the tail stock up as much as possible for stability and safety cutting the foot early on helps to set the curve of the bowl. Scrapers really help perfect the curves



Lots of questions - lots of looking - lots of things to look at.





Torus Vase



Mount vase face between centers and make the faces parallel and cut expansion chucking point in the face that a 4-jaw chuck can expand into. Cut it as close to the center as possible and no deeper than is necessary.



Use a specially made depth gage (jig) to determine the size of and placement of the hole.



Sanding the bottom is made a great deal easier using this home-made jig.



Spout Off



Start with something round—to state the obvious. This is not a multi-axis turning but an off center turning. Make sure the lathe is anchored well as the wood is really going to swing.



The bottom needs a hole and a plug then the vase needs to be hollowed out



using this rather special hollowing tool with a laser at the end. As with many turners. The jigs are of his making and work for just what he designs them for.

To put the design on the top he uses another hand operated tool that removes wood rather quickly.



Sanding - start dealing with the tool marks with the lathe off first, then turn it on and never skip a grit.



Three Sided Bowl



Start with a cube and flatten the opposite corners, mount between centers, cut a tenon, and remount. You are just making a bowl. Bowls - outside - cut from the bottom up, inside - cut from the top down but leave as much of the center in as long as you can for support you can while cutting the shape.



Making a lot of shavings and with patience and sharp tools, and imagination...



lots of things are possible.

Definition: Knockout rod— usually a long piece of metal shaft used to remove a morse taper accessory. Frequently used to express feelings at the mandrel for screwing up the pen.



Ask Anthony

By Anthony Harris

Question: What are the tools that a person without tools absolutely has to have.

All my opinion, and having said it once, I won't keep repeating it. But -

For spindle work:

a spindle gouge.

Most utilitarian is the 1/2 inch spindle gouge with a fingernail grind. The vast majority of spindle work can be done with this tool. It is possible that a 3/8 inch spindle gouge could be a better single tool purchase if one worked only on very small projects. I have seen and used both larger and smaller gouges, but the need for them is mostly for special cases.

A parting tool.

A tool used only occasionally, but when you need it, you need it. Besides the obvious use to cut off lengths of material, it is good for making tenons.

Tools that are not necessary for spindle turning, but darn nice to have.

a spindle roughing gouge

This is an expensive tool – upwards of a hundred dollars usually. Personally I prefer a tool with tall sides (a deep flute) rather than a low profile. It is not necessary, but the greater the diameter of the spindle, starting at 2 inches and up, the more useful it becomes. Also, the more irregular the shape of the material when first mounted on the lathe – the more handy a roughing gouge becomes.

a skew

Another tool that is not absolutely necessary, but sure nice to have. I have heard the skew called the quintessential spindle tool. It can not do the work of the parting tool, but it can do all of the work, and in skillful hands do it better, of a spindle gouge – save making a cove. Even if a turner doesn't seek to replace the gouge with a skew, the tool can be used to make a crisper intersection between some details than any gouge can. Used well, the skew saves a turner from a lot of sanding.

For end-grain hollowing (goblets, vases, boxes):

1/2 inch round-nosed scraper

There may be tools that will do some portion of the work better, and a few details that it can't do at all (square corner at the inside, bottom of a box, or undercutting), but it is the workhouse for end-grain hollowing.

Cross-grain (bowls) turning

3/8 inch bowl gouge

A swept-back, blunt-fronted (70 degrees or so) bowl gouge is almost a single-tool solution for bowl turning. (People living South of 151st street on the Kansas side may never appreciate the value of this shape of grind.) Inside, outside, across the bottom, roughing cuts, and finish cuts – it does it all.

A side note: using the British method, the most common at this time, a 3/8 inch bowl gouge is made out of a 1/2 diameter piece of steel.

1/2 inch spindle gouge

The one part of cross-grain bowl turning that the above mentioned bowl gouge won't handle is the making of a

tenon or recess for chucking. There are a number of tools that can be used, but none do it better than the spindle gouge, and it can be very useful for working on rims and natural edges as well



By Shaun Q. McMahon

Spring is a time of renewal, new things just keep growing up all the time. Everything sprouts; flowers, grass, trees, and weeds. We plant flowers, clean the yard, put down grass seed (mine never seems to germinate), paint what chipped off since last September, put in a bit of a garden (I do the digging and my wife does the planting), clean windows and screens, and in general, put things in order for the summer.

It might also be a good time to recreate the shop a bit, to renew places for things; to see if there is anything that is no longer used so that it can be donated for the auction later this year. Then, after all is cleaned and sorted, to start doing something that is a bit challenging in the turning arena. As long as nature is renewing, why not do a little self renewal as well. Nature is getting creative and, perhaps, it is a good idea to take advantage of nature's coat-tails.

Do that "project" that you've wanted to do but just never got 'round to doing. Finish one of the things that was only partially done during the winter. Try something that you've never done before. Practice a technique that you need to work on. Make a commitment to participate in the "Challenge" and "Show and Tell" more frequently. Be at the meetings on a regular basis or a more regular basis. Bring someone with you who is interested in woodturning.

There are activities that the club is involved in during the year that can use assistance and that needs to come from those of us in the club. It is possible to renew multiple things at once; yourself, family, yard, turning, and KCWT. We have a grand shop and the open turnings are a great deal of fun. The meetings are a time to share stories and show off a little and everyone has something to show off. Even our "mistakes" are wonderful because we learn from everything we do. And, we have wonderful people who comprise our membership.

So...while you are cleaning up, painting up, and fixing up, bring your Spring energy to KCWT.



AAW News

If woodturning is your hobby, your passion, your art, the American Association of Woodturners is for you.



JOIN

Membership Benefits

In addition to the benefit of joining one of the largest craft associations in the world, currently greater than 14,000 members strong with more than 325 local chapters in the United States and internationally, each one-year membership includes:

American Woodturner• Six issues of American Woodturner, official journal of the AAW, each jam-packed with- New one-of-a-kind projects- Inspiration and insider secrets- Time- and money-saving shop tips and techniques- Step-by-step instructions with helpful how-to images and diagrams- Beautiful color photos throughout- Calendar of events, seminars, and exhibitions

Education and Advice• Annual AAW International Symposium •Expert woodturning advice at woodturner.org• AAW Forum and members-only access on woodturner.org•Local AAW chapters with local demonstrations, show-and-tell, mentors, and tool and wood swaps•Access to Educational Opportunity Grants for members and AAW chapters

Opportunities•Marketing opportunities on the AAW website for artists, collectors, galleries, and museums• Juried exhibit opportunities

Insurance and Savings Bodily injury liability insurance furnished for members involved in AAW activities •Commercial property and liability insurance available for members to purchase• Group rates for health, life, and commercial business insurance•Discounts on AAW books, DVDs, and logo merchandise with savings up to 50%•Access to merchandise discounts from multiple suppliers

Go to www.woodturner.org for more information or call: 651-484-9094; Toll free: 877-595-9094

Read this for info on how to get your membership for FREE!

You can do this simply by encouraging others to join KC Woodturners. You already know all the benefits and you are already interested in and excited about woodturning. Pass that enthusiasm to others by talking up the organization. If you get one person to join, you will get \$15.00 off your next year's dues. Get a second person to join and you get an additional \$20.00 off your dues. When you get a third person to join, your **2013 membership costs you nothing**. Go for it!

AAW Gallery of Wood Art

Location: Landmark Center, 75 W 5th St, St Paul, MN

Hours: Tuesday through Friday, 11 - 4 and Sunday 12 - 3

Phone: (651) 484-9094

Cost: Admission is free - donations accepted

Website: www.galleryofwoodart.org

The gallery is closed July 4th, Thanksgiving weekend, Christmas Eve/Day, New Year's Eve/Day, Good Friday and Easter.

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Wood—Willow

Willows, sallows, and osiers form the genus **Salix**, around 400 species of deciduous trees and shrubs, found primarily on moist soils in the cold and temperate regions of the Northern Hemisphere. Willows all have abundant, watery bark, sap which is heavily charged with salicylic acid, soft, usually pliant, tough wood, slender branches, and large, fibrous, often stoloniferous roots. The roots are remarkable for their toughness, size, and tenacity to life, and roots readily grow from aerial parts of the plant.



Some of man's earliest manufactured items may have been made from willow. Basic crafts, such as baskets, fish traps, wattle fences and wattle and daub house walls, were often woven from osiers (rod-like willow shoots, often grown in coppices). One of the forms of Welsh coracle traditionally uses willow in the 'lats'. Thin or split willow rods can be woven into wicker, which also has a long history. The relatively pliable willow is less likely to split while being woven than many other woods, and can be bent around sharp corners in basketry. Willow wood is also used in the manufacture of boxes, brooms, cricket bats (grown from certain strains of white willow), cradle boards, chairs and other furni-

ture, dolls, flutes, poles, sweat lodges, toys, turnery, tool handles, veneer, wands and whistles. In addition, tannin, fibre, paper, rope and string can be produced from the wood.

Appearance: Willow heartwood is light brown in a range that approaches pale red or sometimes gray-brown while the sapwood is white. You'll find more heartwood than sapwood. You can see the wood pores, but you have to look closely. It's also common to find minuscule knots in the wood.



Strength: Willow wood weighs 27.1 lbs. per cubic foot with a 12 percent moisture content, which makes for a lighter wood that will bend easily; flexibility is one of willow's major properties. Put too much stress on the Good, but it'll make a man out of you. Tends to smell bad, and is loaded with water, so revise your roughing area and procedures accordingly. The wood is soft and long-fibered, so it wants good angles and edges to cut versus pushing it around and making a fuzzy mess. Can be discouraging when your best efforts seemingly go for naught.

Tends to smell bad, and is loaded with water, so revise your roughing area and procedures accordingly. The wood is soft and long-fibered, so it wants good angles and edges to cut versus pushing it around and making a fuzzy mess. Can be discouraging when your best efforts seemingly go for naught. It's almost impossible to get drying degrade on the interlocked fiber, so no special care there. Once dry, it responds to good edges with good surfaces, and a proper finish makes it shimmer. If you wet it before final sanding a lot of stink will come back until it dries again.

Because of the smell and other issues, it's worth being choosy about which pieces you use- looks for the most character you can get, and cut that section out of the blank, even if you feel like you're wasting wood to get it. I looks great when you get a good chunk, and unrewarding if you don't.



The beauty of a diamond willow is in the exterior just below the bark with the patterns left from branches.



REVIEWS



Cindy Drozda's first experience with turning wood was in 1984, when she made a pair of chairs with turned spindles. Woodturning continued to be one of her many hobbies she made it her full time occupation in 1998. "My work has been chosen for exhibitions around the country, and has appeared in several magazines and books. I am an active member of the American Association of Woodturners, and demonstrate my woodturning techniques at national symposiums and local clubs. Through my instructional DVD/videos, I am able to share my passion for woodturning with the entire community."

Elegant Finials, 2006, is #3033 in the **KCWT** library and runs about 87 minutes. The thing she most likes to turn is a lidded vessel with a "delicate finial." The relationship between the width of the vessel and the height of the finial is what she focuses on to create the artistic composition. Fitting the tenon to the vessel is a very important part of the process as is finishing the inside of the lid. She reverse jam chucks the tenon of the lid into a piece of mahogany to complete the turning of the finial. Three cuts are used in turning a finial, and is most of her work: a "V" groove or straight, a bead, and cove. The illustrations of these cuts is very informative and they are demonstrated on practice blocks prior to turning the finial.

The base of the finial is finished first (OG shape) Then the finial is turned using her four guidelines: first-no tail stock, second-back-up the cutting force with a finger of her left hand, third-work from tail stock end of the piece to the headstock end of the piece finishing each element of the finial you go, fourth-"Light touch and careful aim."]

The finial is finished with shoe polish as it is a hard wax but goes on the wood without putting much pressure on the piece.

The video is completed with a section on how she grinds her tools and a gallery of her work.

She speaks as if she is not really comfortable being on camera which lends a very human quality to the instruction. The video quality is good as are the visuals but not great. The use of very close up views was at a minimum and the video would be better had they been utilized. This is a very good video for anyone wanting to learn techniques of turning finials from one of the best.



Among all the wonderful things about woodturning is the ability to make some pretty useful things and make them good looking at the same time. This book, Useful Woodturning Projects, Woodturning Magazine, 1995 and **KCWT** #1006 illustrates how to make 32 of them. If you are interested in lids, trays, tables, aviary abodes, bowls, mallets, salad, eggs, mushrooms, pepper, goblets and threading, this may be just the book you are looking for. There are profuse photographs and illustrations of the projects.



Ever see one of those collapsible cups? The ones I saw were generally made out of metal and I've seen some recently made from plastic, but I never saw one made from wood. Now I have and the project is well illustrated and techniques explained and the finished piece fits inside a pocket and is usable.



There are all sorts of containers about these days and this project aims to put wood lids on pretty much all of them. "By fitting a turned lid to a quality bottle you can make someone a nice present and do your bit for conservation as well." The lid turned for the cookie jar won't keep hands out—in fact, it might even encourage use and pilferage. With the variety of jars that are available, the turner can learn a tremendous amount, and never run out of something to do - gift possibilities are endless.



Birdhouses of all sizes just seem to intrigue lots of people. Just ask **Mike Erickson** about his birdhouse Christmas ornaments. The ones in this book are capable of occupation, being out in the elements, and sustaining life. A number of sizes are demonstrated for a variety of bird species.