

EUGENE 5160 CLUB ~ MAY 2015

<https://www.facebook.com/5160Club>

newsletter archive: <http://www.elementalforge.com/5160Club/>



MAY MEETING AT DAVID THOMPSON'S SHOP

That's right – the wandering 5160 Club has found a new home! The Thompsons have graciously offered David's shop for 5160 Club meetings. If you didn't get the directions in the members' email, email me directly for them: michael@elementalforge.com.

The meeting is on May 7th – 6:00pm – warm clothes and a folding chair are recommended (David has a few chairs but we might run short).

Hands off the tools & equipment unless David is supervising. If you've been to the shop – where we had the hammer-in and Goddard appreciation gathering last year – then you know we have found a great place to meet. Bring your show-and-tell!



APRIL MEETING NOTES

Our meeting at Sizzler started out by singing “Happy Birthday” with the other party sharing the meeting room - honoring their matriarch's 99th birthday! A couple of folks from their party buttonholed us for info at the end of the evening – so it was all good. But the acoustics in the room made for a rather chaotic meeting... and garbled the audio on my recording – so this is another **brief** newsletter.

MICHAEL KEMP (*that would be me*) started off the show-and-tell with my latest prototype for my kitchen knife set: a random pattern Damascus cleaver.



Approximately 700 layers 1095/15N20, brass bolster, curly maple handle finished with a mix of carnauba wax, bee's wax, and food grade mineral oil. Mosaic pin by Sally Martin.



I put a slight reverse distal taper on it to have a little more weight out at the end of the blade for chopping. After tempering it's about a 60 Rockwell. I'll put a longer handle on the next one I make.

JULIOUS GRIFFITH was up next – a new arrival in our neck of the woods, Julious has been making knives for some time. He also runs several Facebook groups focused on custom knife making. Check out: <https://www.facebook.com/groups/Customknivesbymaker/>



Unfortunately, the audio on my recording of the meeting is so trashed by the acoustics of the room and multiple conversations in our group and the birthday party that I don't have a decent transcript of what was said by Julious and others at the meeting.

Here's a folder Julious made with help from a mentor who's name escapes me – and is lost in the audio.



I believe this folder is also one of Julious's – but don't hold me to it!



JIM JORDAN shared a couple of pieces he's been working on recently. Both knives feature the grip style that Jim has been working on. Developed for a friend with arthritis, the handle is shaped to let fingertips and thumb gain maximum control of the blade with minimum force.



The handle on this blade is from some curly holly that fellow 5160 clubber Jove Lachman-Curl brought back from a visit to his home in Ireland (his dad had harvested the tree from a stone wall on the property).

The plunge cut is a new twist for Jim – he used an angle grinder to set the plunge for a very dramatic effect! Here's the other knife he shared – I believe the handle is curly (aka fiddleback) maple.



MARTIN BRANDT stood up next to share a handsome “blacksmith knife” and period piece sheath. We've seen the knife before – I believe he started this one at last year's hammer-in – but the sheath is newly completed:



MIKE JOHNSTON brought in a blade that he made from a 48 layer Damascus billet he forged at last year's Goddard appreciation & hammer-in. This is Mike's first Damascus billet. He brought this knife to a

previous meeting to demo his method of clamping up a handle for gluing. Here it is finished:



Bronze bolster, Bocote and deer antler (with a bit of leather dye) and a Sally Martin mosaic pin.

Mike noted that he was not able to get the contrast and definition he was looking for in the Damascus. He used bandsaw blade (s/b 15N20 or L6) and spring harrow tine (s/b 1080). Some ideas were bandied around. If you search on the online forums you can find many different practices for bringing out contrast in Damascus... you “just” have to find one that works for you and for the combination of steels you are using.

Mike noted that he now has a Facebook page set up for his knifemaking:
<https://www.facebook.com/JohnstonsCustomKnives>

Mike shared stories from his latest Alaska trip – especially about the 2,500 miles of driving. Moose. Caribou. Get good lights on your truck!

After some general discussion of accomplished knife makers – old and young – we drifted into the night...



5160 CLUB AT THE OKCA APRIL SHOW

Once again we had a great time at the 5160 Club table! It's a pleasure for me to see a number of 5160 Clubbers with tables of their own.



Sales seemed to be up in general at the show compared to the last couple of years.

ERIC LAND and **JIM JORDAN** shared the club table with me and both made some sales. I had a lot of interest in the club – so we may see some new faces at the meetings.



As usual, the show was one of the highlights of my year. A big thanks to OKCA!!!

Keep Well & Work Safe!

~ ~ ~ Michael Kemp



FREE DE-CLASSIFIEDS (IN NO PARTICULAR ORDER)

Email me a brief description of what you are selling/buying/looking for with your preferred contact (phone/email/...). Unless you let me know you want a shorter run, I'll run the note for 3 months and then send you an email to see if it's still valid. It's free – email me at Michael@ElementalForge.com

Rent Time on Your Hammer: My name is Sam. I've been making titanium-alloy swords in Eugene, using arm-power and a small home-built trip hammer. Right now I'm in desperate need to use a more powerful and realistic trip hammer to flatten out some sword billets. Would you gentlemen perhaps allow me the use of a trip hammer for an afternoon? I'd be very grateful and willing to pay for the privilege. Sam Taylor klsamee@yahoo.com

D2 Planer Blades for Sale: Joel Puckerson sent an email saying: I have over 200 D2 planer blades available that vary between 6 and 25 inches for knife making at reasonable cost. My contact info is jpcustomknives@gmail.com and (541) 220-3629.



NOTES AND REMINDERS

The **Northwest Blacksmith Association Spring 2015 Conference** is scheduled for May 15-17 at the Cowlitz Expo Center in Longview, Washington: <http://blacksmith.org/events/nwba-blacksmith-conference-2015/> Check their calendar for mentoring sessions and class schedules.

The **Northwest Knife Collectors Kelso Show** will be September 26-27 at the Red Lion conference center in Kelso. Watch here for more details: <http://www.nwkc.org/home.html>

The **ABS California Hammer-in for 2015** will be in October – College of the Sequoias – Tulare, California. Watch the ABS forum thread for details: <http://www.americanbladesmith.com/ipboard/index.php?/forum/23-abs-hammer-ins/>



WEBSITE LINKS

5160 CLUB

5160 Club Newsletters are archived at:
<http://www.elementalforge.com/5160Club/>

Hint: to Google the archive for a specific knife style or presenter name, use a search like this:

sami site:<http://www.elementalforge.com/5160Club>

or this:

ron lake site:<http://www.elementalforge.com/5160Club>

OREGON KNIFE COLLECTORS ASSOCIATION (OKCA)

The OKCA hosts monthly dinner meetings where you are guaranteed to see treasures from the wide world of “things that go cut!” OKCA also puts on the big knife show in April – if you haven't seen it you've been missing something special!

<http://www.oregonknifeclub.org/index.html>

Go to the “Knewslettter” link and scan a recent newsletter for a membership form and contact info.

FORUMS

Knifedogs Forum

<http://knifedogs.com/forum.php>

Bladesmith's Forum aka Don Fogg Forum

<http://www.bladesmithsforum.com/>

American Bladesmith Society

<http://www.americanbladesmith.com/ipboard/>

Usual Suspects Network

<http://www.usualsuspect.net/forums/forum.php>

Blade Forums

<http://www.bladeforums.com/forums/forum.php>

REFERENCES

Many of the sites linked under “Knife Maker General” have book & video sections.

Our own Wayne Goddard's books are available at Amazon:

<http://www.amazon.com/Wayne-Goddard/e/B001JS9M10>

And you can email Wayne directly for his DVD at wgoddard44@comcast.net

Verhoeven's Metallurgy For Bladesmiths PDF

<http://www.feine-klingen.de/PDFs/verhoeven.pdf>

Verhoeven's updated book:

<http://www.amazon.com/Steel-Metallurgy-Non-Metallurgist-J-Verhoeven/dp/0871708582>

ZKnives – Knife steel composition/comparison/etc.
<http://zknives.com/knives/steels>

Kevin Cashen's Bladesmithing Info
<http://www.cashenblades.com/info.html>

Tempil Basic Guide to Ferrous Metallurgy
http://www.tempil.com/wp-content/plugins/download-monitor/download.php?id=Basic_Guide_to_Ferrous_2010.pdf

My “Knife Info” has some knife musings and cheat sheet charts – plus Oregon and Eugene knife laws:
http://elementalforge.com/tips_notes/

OREGON KNIFE MAKING CLASSES

Gene Martin offers personal instruction at his shop south of Grants Pass for a daily rate.
<http://www.customknife.com/>

Michael and Gabriel Bell offer a constant series of small group classes in Japanese style sword forging and fittings. Located on the southern Oregon Coast.
<http://dragonflyforge.com/>

Murray Carter offers small group classes in a variety of subjects, primarily focused on traditional Japanese cutlery. Located in Hillsboro.
<http://www.cartercutlery.com/bladesmithing-courses/>

GENERAL TOOLS & SUPPLIES

Woodcraft of Eugene – thanks to Joe & the crew for six years of hosting 5160 Club meetings – we've had to move on, but the hospitality was appreciated.
<http://www.woodcraft.com/stores/store.aspx?id=515>

MSC Direct
<http://www.mscdirect.com/>

McMaster-Carr
<http://www.mcmaster.com>

Grainger
<http://www.grainger.com>

Surplus Center
<http://www.surpluscenter.com/>

Victor Machinery Exchange
<http://www.victornet.com/>

KNIFE MAKER GENERAL

Knife kits, steel, tools, machines, supplies such as handle material, fasteners, belts, glues, finishes, etc.

Jantz Supply
<http://www.knifemaking.com>

Texas Knifemaker's Supply
<http://www.texasknife.com>

USA Knife Maker's Supply
<http://www.usaknifemaker.com/>

Knife and Gun (K&G)
<http://www.knifeandgun.com/>

Alpha Knife Supply
<http://www.alphaknifesupply.com/>

True Grit
<http://www.trugrit.com>

KNIFE STEEL SOURCES

New Jersey Steel Baron
<http://newjerseysteelbaron.com/>

Kelly Cupples (High Temp Tools) – Alabama
<http://www.hightemptools.com/steel.html>

Niagara Specialty Metals – New York
<http://www.nsm-ny.com> (click Products/Knife Steels)

SB Specialty Metals – New York & Texas
<http://sb-specialty-metals.com/products/knifesteels>

Bohler Uddeholm – numerous U.S. locations
<http://www.bucorp.com/knives.htm>

Sandvic – stainless steels – Texas & Pennsylvania
<http://www.smt.sandvik.com/en/products/strip-steel/strip-products/knife-steel/sandvik-knife-steels/>

Pacific Machinery & Tool Steel – Portland, Oregon
<http://www.pmtsco.com/tool-die-steel.php>

EQUIPMENT

Beaumont (KMG) [Ohio] – the industry's benchmark
2x72 belt grinder
<http://www.beaumontmetalworks.com/shop/>

Travis Wuertz [Arizona] – premium versatile grinder
http://www.twuertz.com/Home_Page.php

Pheer [Gresham, Oregon] – affordable grinder made
in Oregon
<http://www.2x72beltgrinder.com>

AMK [Ohio] – affordable grinder, quick-change
between platen & contact wheel
<http://amktactical.com/>

Coote [Port Ludlow, Washington] – affordable,
simple grinder – you supply the motor
<http://www.cootebeltgrinder.com>

Marinus Kuyl [Hillsboro, Oregon] – another
affordable grinder made in Oregon – and parts – you
provide the motor.
<http://oregonblademaker.com>

Grinder-In-A-Box – grinder kit, assembly required
http://www.polarbearforge.com/grinder_kit.html

Wayne Coe [Tennessee] – grinders, motors, VFDs...
<http://www.waynecoeartistblacksmith.com>

Contact Rubber Corp – wheels etc.
<http://contactrubber.com/contact-wheels.asp>

Sunray – drive wheels
<http://www.sunray-inc.com/drive-wheels/>

Quick and Dirty Tool Co. [Auburn, Washington] -
will build Spencer/Clontz style tire hammers
<https://www.facebook.com/QDTool>

Renaissance Metal Art [Mulino, Oregon] – 80# ram
air hammer
<http://www.rmetalart.com/tools.htm>

Anyang [Texas] – air hammers from 20# to 165#
<http://www.anyangusa.net/>

Meyer Machine Tool [Ohio] – treadle hammer
<http://www.meyermachinetool.com/Blacksmith-div-.html>

Spencer/Clontz tire hammer plans/workshops
http://www.alaforge.org/Trading_Post.html

Appalachian Power Hammer plans
<http://www.appaltnet.net/rusty/index.htm>

FORGE & REFRACTORY

Chile Forge
<http://www.chileforge.com/>

Mankel Forge
<http://mankelforge.com/forges.html>

High Temp Tools (scroll down the page for the
category buttons)
<http://www.hightemptools.com/supplies-mainpage.html>

Omega – thermocouples & measuring equipment
<http://www.omega.com/>

Auber – more thermocouples and controllers, etc.
<http://www.auberins.com>

Hybridburners – home of the venturi T-Rex
<http://www.hybridburners.com/>

Pine Ridge Burners – for ribbon burners and all
associated fittings, blowers, valves, etc.
<http://www.pineridgeburner.com>

Zoeller Forge – low cost venturi & parts: Z Burners
<http://zoellerforge.com/>

BLACKSMITH

Blacksmith Depot

<http://www.blacksmithsdepot.com>

Pieh Tool

<http://www.piehtoolco.com>

Centaur Forge

<http://www.centaurforge.com>

Quick and Dirty Tool Co.

<https://www.facebook.com/QDTool>

LOGO/ETCHING

Ernie Grospitch – Blue Lightening Stencil

<http://www.erniesknives.com/>

IMG International Marking Group

<http://img-electromark.com/>

Electro-Chem Etch

<http://www.ecemmi.com/products.html>

OTHER GOODIES

Sally Martin Mosaic Pins – So. Oregon

<http://customknife.com/index.php?cPath=13>

Burl Source – handle blocks/scales – So. Oregon

<http://www.burlsales.com/>

Gilmer Wood – N.W. Portland

<https://www.gilmerwood.com/>

Oregon Leather – 810 Conger Eugene and 110 N.W.
2ND Portland

<http://www.oregonleatherco.com/>

Coyote Steel – misc., scrap, copper, brass, bronze –
Garfield & Cross St. Eugene

<http://www.coyotesteel.com>

Cherry City Metals – Salem, Oregon – metal
recycling and useful objects

<http://www.cherrycitymetals.com/>

Amtek – tool steel & cutting tools

<http://websales.amtektool.com>

Rio Grande – jewelry tools/supplies

<http://www.riogrande.com>

Otto Frei – jewelry tools/supplies

<http://www.ottofrei.com>

M3 Composite – space age mokume & other

<http://www.m3composite.com/>