

 **EUGENE 5160 CLUB ~ JANUARY 2016** 

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

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



Northwest Blacksmith Association's Blacksmith Conference will be at the Cowlitz Expo Center – Longview, WA: May 13th to 15th – see <http://blacksmith.org/events/> for details. The Blacksmith Week will be August 18th to 21st at Government Camp (Mt. Hood) see <http://www.cascadiaart.org/> for Gvt Camp activities.



JANUARY MEETING

January 7th – 6:00pm at David Thompson's shop. If you didn't get the directions in the meeting notice, email me for them: michael@elementalforge.com.

Bring your share-and-tell!

Note from the Thompsons:
“Please **drive very slowly** down our lane. The maintenance is all ours. Thanks.”



NOTES AND REMINDERS

Axe forging in February in Oakland, CA – among other classes: James Austin was the host of an outstanding gathering I attended a couple of years back. http://forgedaxes.com/?page_id=148

It's never too early to plan for the **OKCA April show!** It's the big annual knife event around here – and a place for “anything that goes cut” as Oregon Knife Collectors Association likes to say. Custom made; factory made; fixed; folder; swords; tools; supplies; books; collectibles; and a good time for all! See the OKCA website for details:

<http://www.oregonknifecollectors.org/>

April 8th (OKCA members only) 9th-10th (public)

North West Knife Collectors and Washington Arms Collectors will have a joint **show in Puyallup, WA** August 6-7 2016 (previously scheduled for March).

Lynn Moore reports that the American Bladesmith Society has awarded Wayne a lifetime/Master Smith ranking & membership award.

Mike Johnston spotted this handheld IR thermometer at Tmart for under \$150 – with a range from -58°F to 2912°F: http://m.tmart.com/DT-8016-High-Accuracy-Dual-laser-Infrared-Thermometer-50-1600-Red_p292507.html?pageType=description

I stumbled across a useful reference app for Android devices from the Heat Treating Society of the ASM – the Heat Treater's Guide Companion. Look up heat treating details on hundreds of steels in the palm of your hand. I'm adding this one to the “References” links at the end of the newsletter.

<https://play.google.com/store/apps/details?id=com.pfiks.mobile.heattreaters&hl=en>

And remember to BE SAFE! The buffer can catch a knife and fling it back at you faster than thought.



And there were a couple of devastating shop fires in our community last year – first at Quick & Dirty Tool Co. in Washington in October – and

then in late December at the DesRosiers shop up in Alaska. Andy Blankney is getting Quick & Dirty back up and running – but the DesRosiers are just recovering. Beyond losing their shop, tools, equipment, and supplies (mundane and exotic) – two canine companions were lost in the fire. Here are some sites set up to help them get back on their feet:

<https://www.youcaring.com/adam-haley-desrosiers-495450>
<https://www.facebook.com/groups/167279416965947/>
<https://www.facebook.com/groups/153778348322621/>



DECEMBER MEETING NOTES

My December meeting notes are going to be briefer than usual. We had a small gathering. I didn't bother setting up the recorder – so I don't have an official transcript to share – just a few photos and what my feeble memory can provide!

Andy (I didn't catch a last name) dropped in for his first meeting. He shared some of his knives and asked advice on some issues like U bolster fitting, etc. Martin Brandt gave him valuable pointers. Here are the blades Andy shared:



Good work on all of them – and a nice take on the classic file-knife.

Lynn Moore also brought in a knife from his collection – I believe he said this one made by Wendell Fox:



The December meeting was very informal. It started with folks in small groups visiting and sharing info.

David Thompson (our host) fired up his coal forge. “Propane for production work – coal for experiments and prototypes” as David has said several times.



Walter Hardcastle jumped in with some decorative work using spikes he'd brought with him.



And David had a project of his own: turning a heavy chunk of steel angle into a mounting bracket for a post vice. With Lynn Moore as striker they punched then drifted three holes that will bolt into the post vice stand. David



plans to cut lobes around the two U bolt holes on the vertical side of the piece and just in general give it his artistic touches. A fun time was had!



I headed home around 8pm as the mounting bracket holes were being finished – but I heard later that the others stayed on for quite some time, and they walked Andy through forging a knife in David's coal forge.

Not bad for a quiet night at the 5160 Club.

Have fun & be safe!

~ ~ ~ Michael Kemp



FREE DE-CLASSIFIEDS

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

Ken Olson is looking for someone who would be interested in building him a set of six woodcarving knives, steel only, 4” handle with a rectangular shaped opening in the handle with a 1/4” steel border, 2” blades of various shapes. Ken has specific dimensions. Contact Ken at 541 935-1182 or olson@bossig.com



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

Bladesmith's Forum aka Don Fogg Forum
<http://www.bladesmithsforum.com/>

Knifedogs Forum (USA Knifemaker)
<http://knifedogs.com/forum.php>

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>

Julious Griffith has a number of Facebook groups designed to help knifemakers and collectors – search Facebook for:

- Custom Knives For Sale by Maker - Available now
- Knifemaking - Works in Progress (w.i.p.'s)
- Knifemaking Equipment Buy, Sell, or Trade (used only)
- Knifemaking - Masters to paying Students connection
- Knife shop photos
- Knife Calendar - Events, shows, hammer-ins, schools, misc.

These are all closed groups – to keep them focused – so if you want to join one of the groups, click the “+ Join Group” button and also message Julious and give him some info on yourself so he knows you have real interest in the group.

REFERENCES

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

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

And you can email the Goddards 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

From the Heat Treating Society of the ASM – the Heat Treater's Guide Companion for Android devices. Look up heat treating details on hundreds of steels in the palm of your hand.

<https://play.google.com/store/apps/details?id=com.pfiks.mobile.heattreaters&hl=en>

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

CLASSES FOR KNIFE MAKING, ETC.

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

Michael and Gabriel Bell of Dragonfly Forge offer an ongoing 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/>

David Lisch is a ABS Master Smith who teaches classes in Seattle. I've heard rave reviews from his students. Lisch is very skilled at blacksmithing in general and bladesmithing in particular. <http://www.davidlisch.com/Learn.html>

Speaking of the ABS (American Bladesmith Society) – if you are up for traveling across the country to take classes, check out their “Schools” link: <http://www.americanbladesmith.com/>

James Austin offers forging classes in Oakland, CA – axes, tongs, viking anvil, etc.: http://forgedaxes.com/?page_id=148

Blacksmithing and some bladesmithing workshops are hosted regularly by the Northwest Blacksmith Association: <http://blacksmith.org/>

USA Knifemaker has a lot of fun & informative videos on their YouTube channel: <https://www.youtube.com/user/USAKnifemaker/videos> ... and hey - “free” is a hard price to beat!

Nick Wheeler also has a good YouTube channel with a lot of how-to videos: <https://www.youtube.com/user/NickWheeler33/videos>

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://shop.sbsm.com/>

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/>

Here's the original article on making a ribbon burners that John Emmerling wrote back in 2005 for the NWBA Newsletter:
<http://blacksmith.org/2005-1-hot-iron-news/>
You can download the PDF from that site. John's article starts on page 11.

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

IMG International Marking Group
<http://img-electromark.com/>

Electro-Chem Etch
<http://www.ecemmi.com/products.html>

WOOD SUPPLIERS

Burl Source – handle blocks/scales – So. Oregon
<http://www.burlsales.com/>

Shelton Pacific – stabilized wood – Shelton, WA
<http://stores.sheltonpacific.com/>

Gilmer Wood – N.W. Portland
<https://www.gilmerwood.com/>

North Woods Figured Wood – Gaston, OR
<http://www.nwfiguredwoods.com/>

OTHER GOODIES

Sally Martin Mosaic Pins – So. Oregon
<http://customknife.com/index.php?cPath=13>

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/>

Minarik automation & control
<http://www.minarik.com/>

There's a new set of epoxies made specifically for
bladesmiths, created by a man with a decade of
experience in making fishing rod adhesives.
<http://www.bladebond.com/Products.html>

If you try some of this stuff, I'd love to know which
product you tried and how you liked it!

Valley Stainless (that does water-jet cutting) is one of
Craig Morgan's customers. They told Craig “bring in
a pattern” and they'd work with you on small batch
cutting. They don't have a website yet. 29884 E Enid
Rd Eugene, Oregon 97402 (541) 686-4600.