

∞ ☆ ∞
EUGENE 5160 CLUB ~ APRIL 2015 ∞ ☆ ∞

∞ ☆ ∞
APRIL MEETING

5160 Club is meeting at the **Sizzler Restaurant** – just north of Gateway Mall at Gateway Street & Postal Way. Thursday 4/2/15.

Come for dinner (6:00pm) and informal conversation, followed by our usual show-n-tells, etc.

Parking is off of Postal Way. Order up your meal and meet us in the large meeting room at the West end of the restaurant.

Our first couple of meetings at Sizzler have had low attendance – so they can't reserve the large meeting room for us. We'll gather at tables on one side of the room. One option is that we could start reserving Sizzler's small meeting room if we move our meetings to the 2nd Thursday of the month. So this time it's still the large meeting room on the 1st Thursday – but we'll discuss moving future meetings so that we can have a room to ourselves.

∞ ☆ ∞
MARCH MEETING

I (your scribe) was not able to attend the March meeting. I gather that there were pass-arounds of award knives for the OKCA show from **LYNN MOORE** and **CRAIG MORGAN**. Lynn went over his method for doing dove-tail handle scales – and he also brought in boxes of old knife, blacksmithing, and machinist magazines to give away. And I'm told that there was the usual exchange of trials, tribulations, tips, and techniques... including reasons and preferences for grinding before or after heat treating.

∞ ☆ ∞
HEAR YE, HEAR YE...

- **OKCA Show:** This is the BIG ONE! April 11 & 12 (OKCA members only on the 10th): <http://www.oregonknifecub.org/okcashow.html>
- **Oregon Ivory Ban:** Oregon Senate has a bill to ban the sale of elephant and mammoth ivory, rhino horn, or products thereof. You can look up the current state of SB 913 here: <https://olis.leg.state.or.us/liz/2015R1/Measures/Overview/SB0913>
A proposed amendment includes some exemptions, but the bill is incredibly far-reaching. Find your Senator's email address by clicking on this map: <https://www.oregonlegislature.gov/FindYourLegislator/leg-districts.html>
Or contact Doug Ritter of Knife Rights dritter@KnifeRights.org or scrimshander Sandra Brady sandy@sandrabradyart.com who has been working on the ivory issue all across the nation.
- Check the “**De-Classifieds**” section below for new listings offering D2 planer blades and a request to rent time on a power hammer.

∞ ☆ ∞
SLIM PICKINGS

In lieu of my usual meeting photos, here are a few shots that tickle my fancy.

MIKE JOHNSTON sent in a couple of photos.

This one is a cautionary tale about brilliant ideas. Like “Hey – why don't I clean the rotary file by revving it up and hitting it with this cheap wire brush!”

No injuries except to the brush.



And Mike Johnston's first Damascus knife - made from the billet he forged at the Wayne Goddard Appreciation Hammer-In:



And what's the use of being a scribe if I don't plug my own work occasionally? Here's my random Damascus cleaver prototype for my kitchen knife set:



But seriously folks. I can't write "slim pickings" without Slim Pickens.



And with that I'll just say "We'll meet again..."
Sizzler – big meeting room – Thursday April 2nd – 6:00pm.

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 ksamee@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

OKCA April Show – April 10th (members only), 11th & 12th (public). This is the big annual show of everything that goes CUT. Display tables, sale tables, demos, lectures, supplies, books, factory knives, handmade knives, swords, axes, flaked stone blades, you name it. This year's theme is *Japanese Blades & Kitchen Cutlery*. Show info can be found at: <http://www.oregonknifeclub.org/okcashow.html>

The **Western States Blacksmith Conference** will be held in Hollister, California (just south of the Bay Area) April 23-26th: <http://www.westernstatesconference.com/>

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/>

Martin Brandt mentioned during the January meeting that he has **1050**, **1065**, and **5160** for sale. For the moment he also has **ITC-100** heat reflective coating for forge interiors – he bought a gallon and is reselling the extra in pints.

John Emmerling shares a forum posting from Rick Marchand on his method of **straightening during the temper** that's well worth a look: <http://www.bladeforums.com/forums/showthread.php/838681-Straighten-During-The-Temper>

Mike Johnston responded in detail to a question about how he does his **claying and hamon development**. I've put it in PDF form in the 5160 Club newsletter archive page. It's well worth a read: <http://www.elementalforge.com/5160Club/MikeJohnstonClayHamon.pdf>



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

<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>

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.appaltree.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 Gropitch – 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/>