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"Without question, the RawHide Gazette is by far the best and most informative and comprehensive Guild publications of all of them! You are to be commended for your very fine and professional efforts. Keep up the good work. With admiration" /signed/

Al & Ann Stohlman, December 1997



PSLAC Website http://www.pslac.org/

Puget Sound Leather Artisans Co-Op

August 2019

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Our PSLAC MISSION is...

To further the enjoyment of leather and to help others learn more about the real joy of leather - working as a group and sharing ideas and knowledge of leather, its uses and how to use it. To pass on this knowledge to others and then have them pass it on to the new members who come later. A fellowship with peers, young and old, expert and non-expert, anyone who has the love of leather.

To show and demonstrate to people outside the Co-Op leather in all forms and try to help them to become interested in leather.

...to share...

time talent, with all others in the Co-Op, especially the young.

A Sad Note

May passed this note to me Dusty Wert passed away July 30, 2019 at 4:00 p.m. She was pretty well known on the leather circles around here.

May Adams Nachbar

Ah yes, she will be missed. When I first started dating **Karen**, some 25-years ago, I lived in Mountlake Terrace and she lived in Tacoma. I would get

off work from Boeing and drive to Tacoma and visit the Tacoma Tandy store waiting for Karen to get off of work. Spent much time talking to **Larry** and **Dusty** and with **Bill** when Bill was teaching.

Bob Stelmack



The project for the July meeting was a sycamore leaf candle holder. The patterns were furnished by **Roger**. These were taped to strengthen them and cut out, and traced onto the leather. The veins and outline of the candle were laid out and the piece was cut out. The candle placement and veins were cut with a swivel knife and the candle placement was backgrounded. This was about the limit of work done at the meeting, the project was to be completed at home,

and the finishing and coloring to be done at the August meeting **Norm Lynds**



The TCLG had its first monthly meeting and to prepare for the meeting we put together an information sheet to help the newcomer and the old timer to be familiar with the terms and places to locate leather and leather related tools. A copy of those sheets are included

in this RawHide Gazette, but a living copy (changed, as needed) is on line at:

http://leatherbigbookcovers.com/training/ Tri-Cities%20Leathercraft%20Info%20 Sheets.pdf

If you have suggestions or correction that might be useful to others, just drop a line to stelmack@nwlink.com

Bob Stelmack Richland, WA





August 2019 - HideSide 2





August 2019 - HideSide 3

Tri-Cities Leathercraft Group (TCLG) Information Sheets

Revision: 7/31/19
Desert Leathercraft LLC
www.leatherbigbookcovers.com
stelmack@nwlink.com

Location of this sheet:

http://leatherbigbookcovers.com/training/Tri-Cities%20Leathercraft%20Info%20Sheets.pdf

Tanning methods

(from https://en.wikipedia.org/wiki/Leather)

Tanning processes largely differ in which chemicals are used in the tanning liquor. Some common types include:

- Vegetable-tanned leather is tanned using tannins extracted from vegetable matter, such as tree bark prepared in bark mills. It is the oldest known method. It is supple and light brown in color, with the exact shade depending on the mix of materials and the color of the skin. The color tan derives its name from the appearance of undyed vegetable-tanned leather. Vegetable-tanned leather is not stable in water; it tends to discolor, and if left to soak and then dry, it shrinks and becomes harder. This is a feature of oak-bark-tanned leather that is exploited in traditional shoemaking. In hot water, it shrinks drastically and partly congeals, becoming rigid and eventually brittle. Boiled leather is an example of this, where the leather has been hardened by being immersed in hot water, or in boiled wax or similar substances. Historically, it was occasionally used as armor after hardening, and it has also been used for book binding.
- ° Chrome-tanned leather, invented in 1858, is tanned using chromium sulfate and other chromium salts. It is also known as "wet blue" for the pale blue color of the undyed leather. The chrome tanning method usually takes approximately one day to complete, making it best suited for large-scale industrial use. This is the most common method in modern use. It is more supple and pliable than vegetable-tanned leather and does not discolor or lose shape as drastically in water as vegetable-tanned. However, there are environmental concerns with this tanning method, as chromium is a heavy metal.
- ° Aldehyde-tanned leather is tanned using glutaraldehyde or oxazolidine compounds. It is referred to as "wet white" due to its pale cream color. It is the main type of "chrome-free" leather, often seen in shoes for infants and automobiles. Formaldehyde has been used for tanning in the past; it is being phased out due to danger to workers andsensitivity of many people to formaldehyde.
- ° Chamois leather is a form of aldehyde tanning that produces a porous and highly water-absorbent leather. Chamois leather is made using marine oils (traditionally cod oil) that oxidize to produce the aldehydes that tan the leather.
- Brain tanned leathers are made by a labor-intensive process that uses emulsified oils, often those of animal brains such as deer, cattle, and buffalo. They are known for their exceptional softness and wash-ability.
- ° Alum leather is transformed using aluminum salts mixed with a variety of binders and protein sources, such as flour and egg yolk. Alum leather is not actually tanned; rather the process is called "tawing", and the resulting material reverts to rawhide if soaked in water long enough to remove the alum salts.
- ° Rawhide is a hide or animal skin that has not been exposed to tanning. It is similar to parchment, much lighter in color than leather made by traditional vegetable tanning. The skin from buffalo, deer, elk or cattle from which most rawhide originates is prepared by removing all fur, meat and fat. The hide is then usually stretched over a frame before being dried. The resulting material is hard and translucent. It can be shaped by re-wetting and forming before being allowed to thoroughly re-dry. It can be rendered more pliable by 'working', i.e. bending repeatedly in multiple directions, often by rubbing it over a post, sometimes traditionally by chewing. It may also be oiled or greased for a degree of waterproofing.

Types of Leather

(from https://en.wikipedia.org/wiki/Leather)

Today, most leather is made of cattle hides, which constitute about 65% of all leather produced. Other animals that are used include sheep, about 13%, goats, about 11%, and pigs, about 10%. Obtaining accurate figures from around the world is difficult, especially for areas where the skin may be eaten. Other animals mentioned below only constitute a fraction of a percent of total leather production.

Horse hides are used to make particularly durable leathers. Shell cordovan is a horse leather made not from the outer skin but an under layer found only in equine species called the shell. It is prized for its mirror-like finish and anti-creasing properties.

Lamb and deerskin are used for soft leather in more expensive apparel. Deerskin is widely used in work gloves and indoor shoes.

Reptilian skins, such as alligator, crocodile, and snake, are noted for their distinct patterns that reflect the scales of their species. This has led to hunting and farming of these species in part for their skins.

Kangaroo leather is used to make items that must be strong and flexible. It is the material most commonly used in bullwhips. Some motorcyclists favor kangaroo leather for motorcycle leathers because of its light weight and abrasion resistance. Kangaroo leather is also used for falconry jesses, soccer footwear, and boxing speed bags.

Although originally raised for their feathers in the 19th century, ostriches are now more popular for both meat and leather. Ostrich leather has a characteristic "goose bump" look because of the large follicles where the feathers grew. Different processes produce different finishes for many applications, including upholstery, footwear, automotive products, accessories, and clothing.

In Thailand, stingray leather is used in wallets and belts. Stingray leather is tough and durable. The leather is often dyed black and covered with tiny round bumps in the natural pattern of the back ridge of an animal. These bumps are then usually sanded to expose the white to highlight the decoration. Stingray rawhide is also used as grips on Chinese swords, Scottish basket hilted swords, and Japanese katanas. Stingray leather is also used for high abrasion areas in motorcycle racing leathers (especially in gloves, where its high abrasion resistance helps prevent wear through in the event of an accident.)

For a given thickness, fish leather is typically much stronger due to its criss-crossed fibers.

Leather Alternatives

(from https://en.wikipedia.org/wiki/Leather)

Many forms of artificial leather have been developed, usually involving polyurethane or vinyl coatings applied to a cloth backing. Many names and brands for such artificial leathers exist, including "pleather", a portmanteau of "plastic leather", and the brand name Naugahyde. Bonded leather is made by shredding leather scraps and leather fiber, then mixing it with bonding materials. The mixture is next extruded onto a cloth or paper backing, and the surface is usually embossed with a leather-like texture or grain.

Leather & Sewing Machine Suppliers

Tandy Leather Factory

https://www.tandyleather.com/en/

Brettun's Leather

https://www.brettunsvillage.com/leather/hideindex/

Hide House

https://hidehouse.com/

Oregon Leathercraft

http://oregonleatherco.com/

Macpherson Leather

http://www.macphersonleather.com/

Weaver Leathercraft

https://www.weaverleathersupply.com/

Maverick Leathercraft

https://maverickleathercompany.com/

Pendleton Leather Show (First Weekend in November)

https://www.pendletonleathershow.com/

Leather Hide Store

https://www.leatherhidestore.com/?q=servlet+StoreFront

The Leather Guy

https://theleatherguy.org/

Knotty Linda (Kangaroo Lace)

https://www.knottylinda.com/leather-lace/

Springfield Leathercraft

https://www.springfieldleather.com/

Sea Leather Wear (Fish Leather)

https://www.sealeatherwear.com/

American Leather Direct

https://aleatherd.com/

Leather Sewing Machine Co.

https://www.leathermachineco.com/

COBRA Class 18 Compound Needle Feed (Triple Feed) Walking Foot (like a Phaff 1245) \$1.8K

COBRA Class 17 Walking Foot (like a Consew 206-RB5) \$1.5K

COBRA Class 4-S Compound Needle Feed (Triple Feed) Walking Foot (like a Juki TSC-441) \$2.6K

Toledo Industrial Sewing Machines

https://www.tolindsewmach.com/cowboy.html

Leather Sewing Machine Threads

https://www.thethreadexchange.com/miva/merchant.mvc?Screen=CTGY&Category Code=industrial-thread

Leather Sewing Hand Stitching Threads

https://www.jsrz.com/HighStrengthSewingThread/waxed hand sewing thread.html

Pendleton Exhibiting Vendors (first Fri/Sat/Sun in November)

(A sample of one years exhibitors)		
Barry King Tools	307-672-5657	www.barrykingtools.com
Bee Natural Leathercare	360-891-7178	www.beenaturalleathercare.com
Bork Saddlery Hardware	541-276-5207	www.borksaddleryhardware.com
Brett Bronson	406-293-2032	
Douglas Tools	307-737-2222	Douglas Saddle Co on Facebook
Fine Leatherworking	415-800-2978	www.fineleatherworking.com
Frog Jelly Leather	817-969-5150	www.frogjellyleather.com
Gomph Hackbarth Tools	520-642-3891	Gomph Hackbarth on Facebook
GRS Engraving	800-835-3519	www.grstools.com
Hamley's Saddle Academy	541-278-1100	www.hamleyco.com
Hansen Silver	209-847-7390	www.hansenwesterngear.com
Hermann Oak Leather Co.	800-325-7950	www.hermannoakleather.com
JBLD Leather School	509-899-4556	JBLD Leather Designs on Facebook
Joe Meling 23	360-600-6038	www.twentythreeplus.com
LaceMaster	208-884-3766	www.lacemaster.com
Leather Machine Co.	866-962-9880	www.leathermachineco.com

Leather Wranglers	505-269-8563	www.leatherwranglers.com
Maverick Leather	877-845-0080	www.maverickleathercompany.com
Oregon Leather Co.	800-634-8033	www.oregonleatherco.com
Red Ox Brand Tools	307-272-8585	www.redoxbrand.sagecreeksaddles.com
Shop Talk!	435-529-7484 x470	www.shoptalk-magazine.com
Steel Stamps Inc.	208-345-2550	www.steelstampsinc.com
The Tooling Bench	435-586-9591	
Tandy Leather		www.tandyleatherfactory.com
Trahide Co.	305-238-8060	www.trahide.com
Wayne Jueschke	775-738-6344	
Weaver Leather	800-932-8371	www.weaverleather.com
Van Amburg Leathers	208-785-0800	www.vanamburgleathers.com

Other Discovered Vendors

Grey Ghost Graphics (Stamps, Templates, Transfer Sheets)

http://www.greyghostgraphics.com/

Bob Beard (Stamping Tools - Black Crack)

http://robertbeardtools.scalabledata.com/catalog.html

https://www.facebook.com/ProSeriesTools/

Ohio Travel Bag (Fasteners, Handles, Buckles, Zippers, etc.)

https://ohiotravelbag.com/

Harbor Freight (Cheap Tools, Gloves, etc.)

https://www.harborfreight.com/

REDURAN® Hand Cleaner (Removed leather dye from hands)

https://www.organicdye.com/dyes/reduran/

Talas (Bookbinding Supplies)

https://www.talasonline.com/

Wawak (Leather Tape)

https://www.wawak.com/Garment-Construction/Tapes-Ribbon/leather-vinyl-hemming-tape-60-yds/?sku=TPE14

Ebay Letterpress Type (used)

https://www.ebay.com/sch/i.html? nkw=letterpress%20type%20&ssPageName=GSTL

Arion Press Type (New Letterpress Type, ask for Bruce)

https://www.arionpress.com/mandh-pricelist-ordering

C.H. Holderby Industrial Sewing Machines (Local Sales and Repair Service, ask Ernie)

https://www.chholderby.com/

Leather On-line Resource Help

Puget Sound Leather Artisans Co-Op (Main Website)

http://pslac.org/

Puget Sound Leather Artisans Co-Op (Facebook, search for PSLAC)

https://www.facebook.com/groups/579402962214064/

Leather Worker Forum

https://leatherworker.net/forum/

Tandy Leather YouTube Instruction

https://www.youtube.com/user/TandyLeatherFactory?blend=21&ob=5#p/u/32/41gFIbhYaM0

Various Leather YouTube Tutorials

https://www.youtube.com/results?search_query=leather+tutorial

Binding Magazines

http://www.johan-potgieter.com/bin02.html

General Leathercraft Search

https://www.google.com/search?q=leather+craft+instructions&rlz=1C1CHFX_enUS715US715&oq=leather+craft+instruction&aqs=chrome.0.0j69i57.7863j0j4&sourceid=chrome&ie=UTF-8

Magazines

Leather Crafters and Saddlers Journal

https://leathercraftersjournal.com/

Shoptalk!

https://shoptalk-magazine.com/

Suggested Starter Tools

Basic Tools

- Utility Knife
- Square

Carving/Tooling

- Swivel Knife
- Rawhide or Polyester Hammer
- Modeling Tool
- Beveler, Backgrounder, Pear Shader, Seeder
- Hard Surface (granite stone, go to stone counter top store ask for off-cuts or broken stone)
- Rubber Mat (Art Carpenter Hardware, ask for conveyor belt) 21 W Columbia Dr, Kennewick, WA (509)

586-3508

Sewing

- Awl or Diamond Prong Punch
- Harness Needles
- Beeswax

Coloring

- Antique Dye
- Acrylic colors

Finishing

- Matte Acrylic
- Bee Natural Leathercraft
- Skidmore's Waterproofing Bess Wax

...or... an entire Starter Kit

Tandy Basic Stamping set (\$39.99)

https://www.tandyleather.com/en/product/basic-stamping-set

Tandy Deluxe Carving Set (\$69.99)

https://www.tandyleather.com/en/product/deluxe-carving-leather-set

Tandy Basic Hand Stitching Set (\$39.99)

https://www.tandyleather.com/en/product/basic-handstitching-set

Tandy Deluxe Hand Stitching set (\$89.99)

https://www.tandyleather.com/en/product/deluxe-handstitching-set

Books

Tandy Books by Al Stohlman
The Art Of Hand Sewing Leather Book

https://www.tandyleather.com/en/product/the-art-of-hand-sewing-leather-book

Leathercraft Tools Book

https://www.tandyleather.com/en/product/leathercraft-tools-book

Stohlman Step by Step by Peter Main

https://www.tandyleather.com/en/product/stohlman-step-by-step-by-peter-main

Belts Galore Book

https://www.tandyleather.com/en/product/belts-galore-book

Coloring Leather Book

https://www.tandyleather.com/en/product/coloring-leather-book

Pictorial Carving Finesse Book

https://www.tandyleather.com/en/product/pictorial-carving-finesse-book

Figure Carving Finesse Book

https://www.tandyleather.com/en/product/figure-carving-finesse-book

The Art Of Making Leather Cases

https://www.tandyleather.com/en/product/the-art-of-making-leather-cases

Desert Leathercraft LLC Tutorials

Types of leather

http://leatherbigbookcovers.com/training/Tutorial--Leather%20Selection%20Article.pdf

Starting Your Own Leather Business

http://leatherbigbookcovers.com/training/Tutorial--Business%20Considerations%20Article.pdf

Embossing Letters in Leather

http://leatherbigbookcovers.com/training/Tutorial--Typography%20in%20Leather%20Article.pdf

PSLAC Members Only Advertisement Page

Any PSLAC Member can advertise leather related products or services, subject to approval. Just send your text, picture and/or logo to stelmack@nwlink.com



Norm Lynds, Toolmaker

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E-mail: sagerat2003@yahoo.com



Knotty Linda, Leathercrafter

2040 White Birch Rd Sidney BC Canada Call: 250-812-3958

http://www.knottylinda.com/ Email: knottylinda@gmail.com





Leather Accents Custom Stitching Horses & Clams John Wickstrom—Maker

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Leather Companies & Sponsors Page



Washington State Stores: Seattle, Tacoma, **Spokane**

(www.tandyleather.com)

Seattle, WA

14713 Aurora Ave N Shoreline, WA 98133

Phone: 206-417-6100

Spokane, WA 1702 N. Monroe St.

Spokane, WA 99205 Manager: Jason Jones Phone: 509-328-9939

Tacoma. WA

Manager: Andy Stasiak Manager: Diana Vanwyck

13819 Pacific Ave S Tacoma, WA 98444 Phone: 253-548-1100

including new Member only articles & meeting attendance \$30/year. (1 Person)

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Ken Erickson, Len Madison, Roger

Ken Erickson Jeff Bement

Paula Marquis

Kaiser, Paula Marquis & Norm Lynds The RawHide Gazette is published monthly Address for information and correspondence:

PSLAC c/o Jeff Bement 3942 SW 329TH PLACE

FEDERAL WAY, WA 98023 EMail: pslac@pslac.org , Billing@pslac.org

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All articles submitted must be accompanied by name, address and permission of writer

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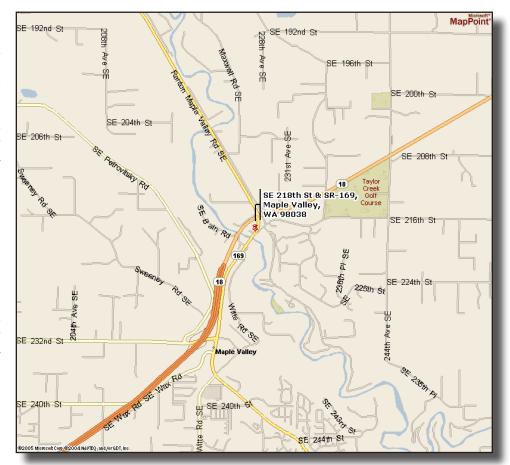
P.O. Box 820803, Vancouver, WA.98682-0018 (360) 891-7178 , FAX: (360) 891-7166 Email: bnatura@pacifier.com

Meeting Directions to Cedar Grange #534

From I-405 take the SR169 exit and proceed toward Maple Valley on the Maple Valley Highway. In about 10 Miles you will reach the SE 216th/SE 218th Street intersection. Turn Right onto SE 218th (the downsloping hill on the left next to the Maple Valley Market parking lot) towards the big white/gray building next to the bridge (the Cedar Grange). The parking lot is on the first left.

From Highway 18 take the SE 231st, Junction 169, Maple Valley exit. Proceed to the Highway 169 (Maple Valley Highway) junction. Turn North (toward Renton) on Highway 169 and go about ¾ mile until you reach the SE 216th/SE 218th Street intersection. Turn left onto SE 218th (the downsloping hill on the left next to the Maple Valley Market parking lot) towards the big white/gray building next to the bridge (the Cedar Grange). The parking lot is on the first left.

<u>From Issaquah</u> take Front Street toward Hobart and Highway 18. In about 10 miles get on Highway 18 West heading toward Maple Valley and Auburn. Follow the Highway 18 instructions.



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