

Apr
2015

The BELLOWS

Nature Photographers of the Pacific Northwest, Winning Images

EPSers Score Well At NPPNW Meet

These photos submitted for competition by EPSers attending the Nature Photographers of the Pacific Northwest meeting last weekend in Portland tell the story. Our congratulations to **Walt Biddle, Jeff Green, Bob Petit and Susan Starr!**



Photo - Jeff Green

**NPPNW
winning
images!**



Photo - Susan Starr



Photo - Bob Petit



Photo - Walt Biddle



Photo - Susan Starr

Inside This Issue

- Thompson Mill Field Trip Results 2
- Putzier's Tips & Tidbits 3
- The Brain Sees Words As Pictures-Photon Photos 4
- Notables - Emerald Art Center - Workshops 5
- Ask Tim Grey - Print Profiles-Coated Matte Paper 6
- Stolen / Internet - Wilderness Photo Winners 8
- What To Know - Where To Go 9



Thompson Mill Trip Attracts 23 EPSers

Thank you all who came to the EPS Field Trip to the Thompson Mill near Shedd on Saturday the 21st! Over twenty-three members attended, enjoying the challenge of shooting in tight places with low light.

It was a beautiful day outside, but a little chilly and windy. Remember to go back and get those photos of the exterior when the weather is a little better and the construction equipment is gone.

Also this month and next you might want to visit: The Wooden Shoe Tulip Festival while it's still running through May 3rd. (www.woodenshoe.com).

We strongly recommend going during the middle of the week, avoid-



ing the weekends, and arrive early no matter what day you decide to go.

Our next Field Trip will be on Saturday, April 25th to Summer Lake in Southeastern OR. (See below).

This trip will include outdoor venues for landscape shooters and for birders in the club this will be the peak time for the annual bird migration!

Kathy Baker

Plan Now For EPS Summer Lake Field Trip

The next EPS group field trip, **April 24-25**, could easily be the best for the entire year. Timing should be perfect for both landscapes with wildflowers and the annual bird migration at its peak.

This area in the southeast of our state has plenty of photo opportuni-

ties to offer any photographer while simultaneously perhaps learning from the locals who have a different definition of "time." To start with our recommendation, don't try to do this trip in one day or you'll be greatly disappointed. Plan to stay overnight one or both weekend days to give yourself

time to slow down and relax.

There are accommodations in Paisley and at the Summer Lake Lodge both with camping and RV spaces. You'll find many other spring lakes in the area to explore. Watch your EPS email for full details.

Bruce Bittle

An EPS
Preferred
Vendor

Focal Point Camera Store

161 West Ellendale, Dallas, OR
Generous discounts on most items
Call Mike Lowery, 503.623.6300



Putzier's Photo Tips & Tidbits

• **Closing one eye** gives you about a 12-14mm full frame wide-angle view or about 9mm crop-sensor field of view. This is a quick preview of what a wide angle lens will take in of a scene.

• **If you have a spare lens** end cap and camera body-cap in your bag, you can connect them perfectly to make a locking container for small items such as lens cloth, memory cards, etc.

• **Set your cameras shutter** speed, f/stop, and ISO to whatever, but note the settings. Now see if you can make minor adjustments **WITH-OUT** looking at your camera. Check to see if you were successful. You'll soon be able to change settings knowingly from memory. Practice!

• **Most batteries come** with cover caps. Canon's caps have a window that will show blue when put on one way and black if flipped. You can use this to mark batteries as used (black) or charged (blue). If your caps don't have a window, drill a hole in it and put colored tape on the battery to show through.

• **Put your money** towards great lenses first. Think of your system as being "Lenses with interchangeable cameras," not the other way around. You may change cameras over the years, but great glass is great glass forever.

• **Film days** had a "Sunny 16" rule. In sunny weather a rule-of-

thumb exposure would be, aperture of f/16 with shutter speed close to your ISO # (ISO-100 = 1/90 or 1/125). There's also the "Cloudy f/8" rule for cloudy conditions. Try it!

• **When shooting** from a tripod, it's best to "turn off" your lens's image stabilization feature. Your images will be sharper as a result.

• **Lens flare** can be eliminated by extending a hand (or hat) far in front of the camera putting a shadow on the front of the lens to block the flare. If your hand/hat gets into the shot, it can often easily be removed with the Clone tool in post processing.

• **To make a quick note** when out shooting, many cameras have an audio notation feature. If not, I bet yours has a movie mode. Press movie-record and speak using the audio track for audible reminders.

• **Your business cards** should make a good impression and NOT have the words, "*Business Cards are FREE at www.vistaprint.com,*" printed on the back.

• **Check for sensor dust.** With any lens on manual focus set at infinity, set the ISO to the lowest setting and set aperture to a high f/stop (f/22). Now shoot anything solid and bright (blue sky, sheet of paper, white monitor screen). Review the image on the camera's LCD screen. Zoom in and scroll around. Dark blotches are dust, longer squiggly's are hairs.

David Putzier



FIELD TRIP POSSIBILITIES

APRIL

Finley Wildlife Refuge * (DT)
Summer Lake (ON)
Wooden Shoe Tulips (DT)
Klamath Wildlife Refuge (DT)

MAY

Mt. Hood Pear Festival (ON)
Ridgefield WR, WA (DT)
Schriner Iris Gardens (DT)
East WA Palouse Area (ON)
Montana Game Farm (FULL)

JUNE

Columbia Gorge (DT)
Guided Valley Tour (DT)
U of O Walk Around (L)
Woodburn Drags 27th - 28th (DT)

JULY

Civil War Reenactment, 4th (DT)
Fireworks, 4th (DT)
Shaniko (DT)

AUGUST

Covered Bridges (L)
Madras Air Show, 28-29 (ON)
Downtown Walk Around (L)

SEPTEMBER

Elkton (DT)
Clear Lake (ON)

OCTOBER

4Cs Convention, 9-10 Walla Walla (ON)
Black Butte Aspens (DT)

NOVEMBER

Oakland Cemetery (DT)
Century Farm Seed Mill (DT)

DECEMBER

ShoreAcres (ON)
Lighthouses (DT)

JANUARY

Coast Aquarium (DT)
Newport Waterfront (DT)
Antique Machine Shop (L)

FEBRUARY

Asian Festival (L)
Carousel Museum (DT)
Brooks Truck Museum (DT)

LET US KNOW

If you have an idea or know of a good location for a field trip, tell **Kathy Baker** our EPS Field Trip Coordinator

* L = Local DT = Day Trip ON = Overnight



Research Finds Brain Sees Words As Pictures

When we look at a known word, our brain sees it like a picture, not a group of letters needing to be processed. That's the finding from a Georgetown University Medical Center (GUMC) study published in the *Journal of Neuroscience*.

"We are not recognizing words by quickly spelling them out or identifying parts of words, as some researchers have suggested. Instead, neurons in a small brain area

remember how the whole word looks -- using what could be called a visual dictionary," says the study's senior author, Maximilian Riesenhuber, PhD, who leads the GUMC Laboratory for Computational Cognitive Neuroscience.

A small area in the brain, called the visual word form area, is found in the left side of the visual cortex, opposite from the fusiform face area on the right side, which remembers how faces look.

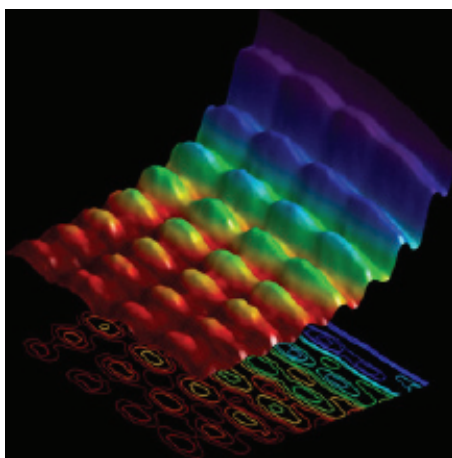
"The visual word form area does not care how the word sounds, just how the letters of the word look together. The fact that this kind of learning only happens in one very small part of the brain is a nice example of selective plasticity. One area is selective for a whole face, allowing us to quickly recognize people, and the other is selective for a whole word, which helps us read quickly," Riesenhuber says.

Science Daily, March 25, 2015. 

Single Photo Shows Light Waves & Particles

Years ago Einstein proved mathematically that light, paradoxically, was both a wave and a particle. Now scientists taking a radically different experimental approach, have been able to capture the first ever snapshot of light behaving both as a wave and as a particle.

A research team led by Fabrizio Carbone at the EPFL labs in Switzerland, fires a pulse of laser light at a tiny metallic nanowire. Light travels along this tiny (one billionth of a meter) wire in two possible directions, like cars on a highway. When waves traveling in opposite directions meet, they form a new wave that looks like it is standing in place.



Light waves above, particles below.

The scientists then shot a stream of electrons close to the nanowire and as the electrons interacted with the confined light on the tiny wire, they either sped up or slowed down.

Using the ultrafast microscope to image the wave-like nature of light, it simultaneously shows that the light on the nanowire demonstrates its particle aspect as well.

"This experiment shows that, for the first time ever, we can film quantum mechanics -- and its paradoxical nature -- directly," says Carbone. In addition, "Being able to image and control quantum phenomena at the nanometer scale like this opens up a new route towards quantum computing."

Reported in Science Daily Mar. 2, 2015 and published in Nature Communications. Source: Fabrizio Carbone Ecole Polytechnique Fédérale de Lausanne.



EPS always meets at the Willamalane Adult Activity Center
215 West C Street, Springfield – 7 pm – 9 pm – First 4 Tuesdays each month



Notable & Quotable

Hey Sony! Get your fingers out of our wallets!

EPSer, **Walt Biddle**, learned the hard way that Sony has implemented a new way to charge customers for photo related things that, until now, have forever been free.

Sony is now charging \$27.50 for comprehensive users manuals for their new mirrorless cameras. This is necessary if you want to know anything beyond the minimal information in a 4x5 in. 8 page "getting started" pamphlet that comes in the box. On-line Apps will also set you back \$5 ea.

Hey Sony! You're forgetting about charging for packaging and the foreign air contained inside.



Freeloading bear knows, finds relative

EPSer, **Tom Bruno**, reports that a brown bear has been seen less than a half mile away from his home in the southeast hills of Eugene. That bear is no dummy. It must have seen Tom's name on the mailbox and knew it was in friendly territory.

It also appears to know some military fundamentals that Tom, being retired military, would easily recognize. The bear was last seen higher in the hills by a water tank and that definitely makes this "Bruno" smarter than your average Yogi. Established easily defended high ground? Yes, sir! With a good water supply? Yes, sir!

Well done soldier!



A quote for beginning photographers to remember

"Progress is made when questions are answered. Discoveries are made when answers are questioned."

This quote from physicist Bernard Haisch is relevant for photographers. Beginners, (we've all been there), want answers to questions about how to take better shots. The short list of "rules" is easily learned. Rule of thirds; Leading lines; Straight horizon line, etc. And shots get better.

But these "rules" are just guidelines and can be broken if you know which one and why it's good to break it. This is when photography becomes a field of "discoveries."



Emerald Art Center Workshops

The Bellows will keep EPSers advised of up-coming workshops that will be taking place at the Emerald Art Center on Main St. in Springfield.

These two take place this month and are part of a series that will take place over the next months. Watch for others scheduled later in the year.

Questions should be directed to Deb Ingebretson at the EAC who is making all the arrangements for each workshop.

Fine Art Figure Photography - Two Dancers -

Don Gustavson



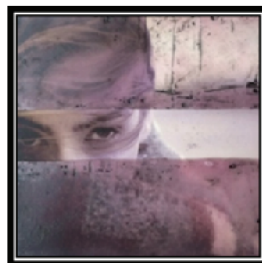
Photograph by Don Gustavson

April 19, 2015
Noon - 4 pm

\$150 for members
\$175 for non-members

Studio Photography
All Levels

~ Contemporary Photo Encaustic ~ **Clare O'Neill**



Clare O'Neill

April 25-26, 2015
9:00 am - 4:00 pm daily

\$325* for members
\$375* for non-members
*Includes \$50 for supplies.

Studio Based
All Levels

"Light is your subject, color is your partner, but Luck can be your best buddy."



Q&A With Tim Grey

ASK?
tim
grey

Q: *I use an Epson 3880 printer and HP premium glossy paper. Is there a source for ICC printer/paper profiles where the printer and paper are different [brands]?*

A: As you can imagine, HP would very much prefer that you use their papers only in their printers. [As does Canon and Epson.]

If you want to use paper from one manufacturer and a printer from another you need to choose the option to let the printer rather than software, (Lightroom or Photoshop) manage the colors for the print.

You will then have to make adjustments through a trial-and-error process to find printer settings that produce an accurate print. More often than not you'll find that this approach doesn't provide the most accurate prints.

If you purchase paper from a company that does not manufacture printers (such as Red River Paper, [Moab or Ilford] you will find that they provide ICC profiles for most popular printers.

[This is why Red River is a Preferred Vendor for EPS. Their paper is as good or better than printer branded paper and at nearly half the cost.]

Q: *You [recently mentioned] "uncoated matte papers." I thought all matte papers would be uncoated. Can you explain the differences?*

A: Some matte papers include a coating that provides a matte surface with some of the behaviors of a glossy paper.

While glossy papers have a coating that enables inks to "sit on top" of the paper, many matte papers also have a coating. The only difference is that the coating used on matte papers isn't as "shiny", so the paper retains a matte appearance. That coating can be a tremendous help in the amount of saturation, detail, and dynamic range you're able to achieve even with matte papers.

On an uncoated matte paper the inks get absorbed by the paper. The result is a dull appearance, with reduced contrast, saturation, and lower dynamic range. By using a coated matte paper, the inks stay closer to the surface [with] a result closer to what you would expect on a (gloss paper) without the shiny appearance.

Generally I prefer coated matte papers since they provide the [image] benefits of a glossy surface while maintaining the aesthetic appeal of a matte [finish].

Q: *Using the Magic Wand tool in Photoshop you suggested increasing the Sample Size for the Magic Wand tool to "3 by 3 Average" using the popup on the Options bar. Is it possible to create the same effect using an older version of Photoshop?*

A: Fortunately using an older version of Photoshop the same option is still available. The "Sample Size" popup on the Options bar when you select the Magic Wand tool in Photoshop is actually the same setting for the Eyedropper tool. So first, select the Eyedropper tool, then set the Sample Size setting on the Options bar, then return to the Magic Wand tool. The setting you established for the Eyedropper tool will apply to the Magic Wand tool.



Tim Grey is one of the top educators in digital photography and imaging, offering clear guidance on complex subjects.

Tim has written more than a dozen books and published hundreds of articles in magazines, and is a member of the Photoshop World Dream Team.

[Note: These articles are reprinted with permission & are abridged to fit available space.]



4Cs Convention, Walla Walla, October 9-11

The poster for the 2015 Photography Conference is set against a scenic background of a valley with mountains in the distance. It features several speaker boxes: Darrell Gulin (Keynote, www.gulinphoto.com), Blake Rudis (www.everydayhdr.com), rmstp (rocky mountain school of photography), Astrophotography by Kristen Hill, LR (Making Lightroom Work for You, Art Eukhaizer), and Strange FX (Ken & Lydia Strange). Activities listed include Silent Auction, Field Trips, and Image Displays. The event is hosted by the Blue Mountain Photo Club. Logos for the Columbia Council of Camera Clubs (4Cs) and Aperture are also present.

2015 Photography Conference
(The Event No One Will Want to Miss)
October 9-11
Walla Walla Community College
500 Tausick Way Walla Walla, WA
Hosted by **Blue Mountain Photo Club**
www.columbiacameraclubs.org <http://bluemountainphotoclub.org>

An EPS
Preferred
Vendor

Dotson's Camera Store

1668 South Willamette Street

15% Discounts on in-house processing (including slide processing)

An EPS
Preferred
Vendor

The Oregon Gallery

199 East Fifth Avenue, Eugene

(Almost adjacent to the Steelhead Brewery)

15% discount on all matting and framing



Stolen From The Internet

Smithsonian's, "Wilderness Forever" Contest Winners

Jury-selected from more than 5,000 submissions.



Photo - **Verdon Tomajko** - Mt. Evans Wilderness Area, CO



Photo - **Dee Ann Pederson** - Denali National Park, AK



Photo - **Scott Joshua Dere** - Otis Pike Fire Island Wilderness Area, NY



Photo - **Diane McAllister** - Bosque Del Apache, National WR, NM



Photo - **Jarrod Castaign** - Mount Hood Wilderness Area, OR



Photo - **Richard Ansley** - White Pocket, Paria Canyon, Vermillion Cliffs, Arizona



Photo - **Pablo McCloud** - Aurora Ridge Trail, Sol Duc Valley, WA



Photo - **Jenna Van Kley** - Marjory Stoneman Douglas, Florida



Photo - **Brad Goldpaint** - Banner Peak, Sierra Range, CA



Photo - **John Richter** - Grand Teton National Park, WY





What To Know

April 2015

- 7 Challenge Night - Theme **Architecture**
- 14 Ed. Night, **TBA**
- 21 Print & Digital Competition night
- 28 Beginners Q & A – Demo night

May 2015

- 5 Challenge Night - Theme **TBA** April 7
- 12 Ed. Night, **TBA**
- 19 Print & Digital Competition night
- 26 Beginners Q & A – Demo night

June 2015

- 2 Challenge Night - Theme **TBA** May 5
- 9 Ed. Night, **TBA**
- 16 Print & Digital Competition night
- 23 Beginners Q & A – Demo night

**No Meetings
July & August**

September 2015

- 1 Challenge Night - Theme **TBA** June 2
- 8 Ed. Night, **TBA**
- 15 Print & Digital Competition night
- 22 Beginners Q & A – Demo night

October 2015

- 6 Challenge Night - Theme **TBA** Sept. 1
- 13 Ed. Night, **TBA**
- 20 Print & Digital Competition night
- 27 Beginners Q & A – Demo night

November 2015

- 3 Challenge Night - Theme **TBA** Oct. 6
- 10 Ed. Night, **TBA**
- 17 Print & Digital Competition night
- 24 Beginners Q & A – Demo night

Where To Go

• Donna Kaehn & David Becker

Will have a two-person show, “*Old Boats: High & Dry*,” in the Harris Hall lobby at the Lane County Courthouse 125 East 8th Ave. Their show can be seen through the month of April between the hours of 8-5 weekdays.

• Mary Harrsch

My “*History’s Medical Mysteries*” online magazine I publish is featured in the current issue of “*The Medical Independent*,” Ireland’s leading medical journal. Also, my images of the “*Star Wars and the Power of Costume*” seen in Seattle are currently featured in the *Smithsonian Traveling Exhibits* blog.

Classified

**Classified Ads
Free to all
EPS members**

**This
Space
Available**

EPS WHOLESALE print show supplies

\$6 MATS (16"x 20" OD).
Double whites, acid-free
surfaces with stiff backers.
*Center-cut with 10"x 15"
or 12"x 16" openings.*

\$14 WHITE MATS BLACK CORE
*Available only with 10"x 15"
center-cut opening.*

\$15 FRAMES (16"x 20" OD).
Black or Silver aluminum,
with hardware & glass.

\$5 TRANSPORT BOXES
for framed images.
(some assembly req.)

**\$2 from each mat, frame
or box purchase
goes to EPS.**

Contact:
Bruce Bittle 541.343.2386

**Got a show?
We want to know!**

Have a show going up?
*Send complete details
(location, time, theme, etc.)*

**Have your photos
been published?**

*Send complete details
(Publication, date, etc.)*
**Send before the last
week of the month to:**
<bittled70@gmail.com>

Legal Stuff

The Bellows is published ten times per year by the Emerald Photographic Society, a not-for-profit organization, and is completely supported by EPS funds. All materials within do not necessarily reflect the views of the EPS Board of Directors, officers, membership, supporting vendors or editor of this publication. All brand and product names listed are trademarked and/

or registered and are not necessarily endorsed by EPS. However, EPS does endorse vendors offering our members discounts listed on the last page (randomly on other pages) of each issue.

Reprinting articles from *The Bellows* for non-commercial use is permitted as long as the photo or article is not copyrighted and source credit is given to the author and this newsletter. Any other

type of reproduction requires specific written permission from the editor.

Inquiries about, or submissions for *The Bellows* (deadline is the last week of the month for following month publication) send to Editor, c/o Emerald Photographic Society, 1236 Debrick Rd., Eugene, OR 97401, or by email <bittled70@gmail.com>





EPS Preferred Vendors



Show your membership card to these vendors for nice discounts.
Be a good ambassador for EPS each time you receive these discounts
by letting these folks know how much you appreciate their support.



Dotson's Camera Store

1668 South Willamette Street

15% Discounts on in-house processing (including slide processing)



Derek Dickerson, Computer Technician

PCs & Macs, Hardware, Upgrades, Networks

888-458-5650 Cell: 541-335-9912 or www.teQmo.com

*Your camera's home
away from home*

Focal Point Photography

161 West Ellendale, Dallas, OR

Equipment Rentals, Trade Ins, discounts on most items Call Mike Lowery, 503.623.6300

Oregon Gallery

199 East Fifth Avenue, Eugene

15% discount on all matting and framing

***The Shutterbug* Camera Stores**

Two Stores 207 Coburg Rd. & Valley River Center

10% discount on photo accessories and photo finishing

U of O Bookstore Art Department

Corner of 13th Ave. & Alder St.

20% discount on all art supplies

Vistra Gallery

160 East Broadway, Eugene

20% discount on printing, matting & framing, Up to 30% on orders over \$500