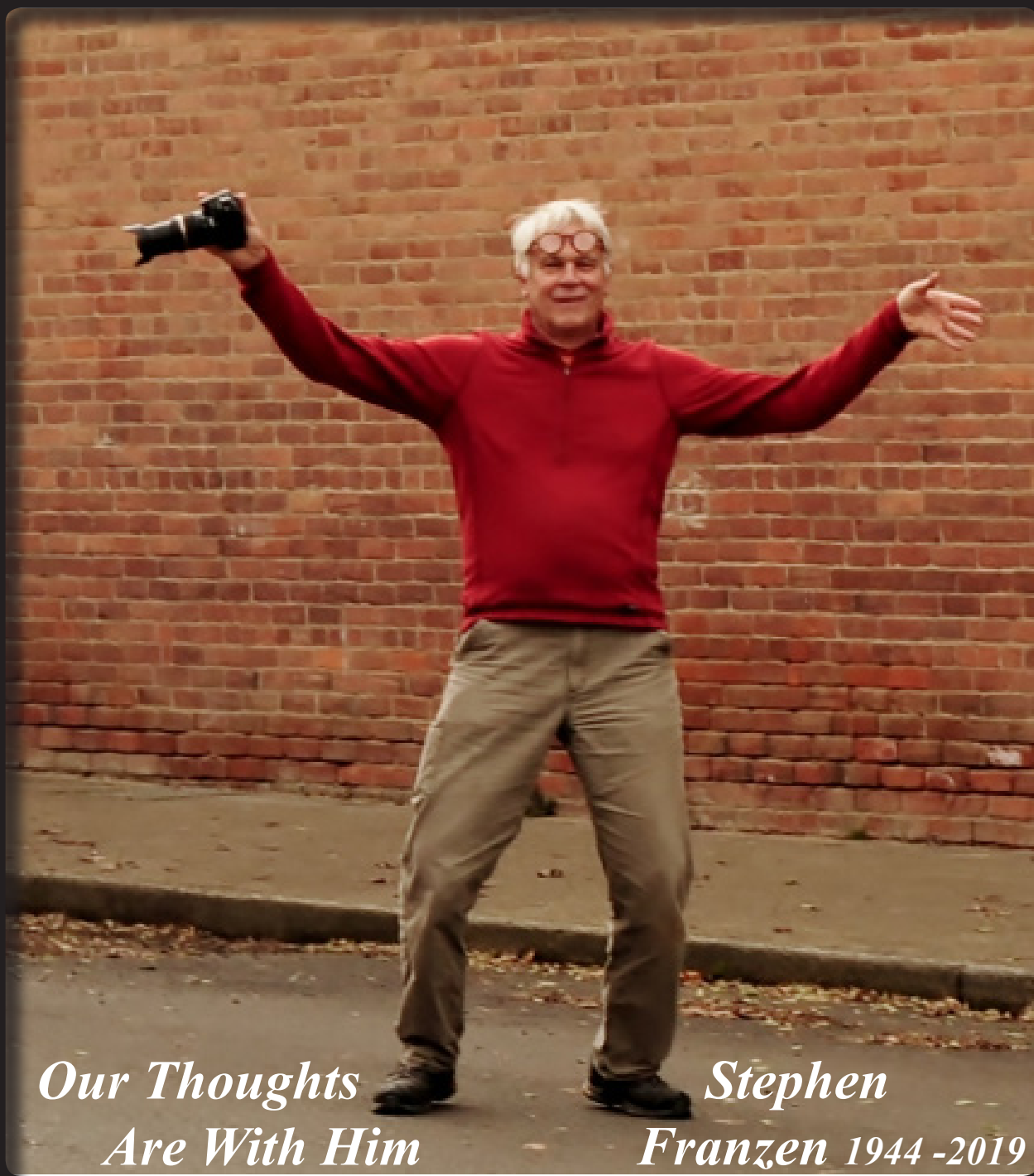




Apr
2019

The BELLOWS



*Our Thoughts
Are With Him*

*Stephen
Franzen 1944 -2019*

Photo - Gene Cleveland



Light is your subject – Color is your partner

EPS Club News

But, Lady Luck can sometimes be your best buddy

In Memory of Stephen Franzen

Stephen was born in Minneapolis, Minnesota and graduated from the University of Minnesota with a degree in business. In 1970 Stephen moved to Oregon where he met his wife Judy. Stephen was a home remodeling contractor



Photographic Society in 2011 and immediately established himself as outgoing and friendly and really enjoyed taking photos, mingling with people and sharing his vast birding knowledge with his fellow photographers.

EPS Celebration of Life for Stephen

At the March 28th meeting, 8 pm – Adjourning to Prime Time* 9 pm (Private rm.)

with a successful home remodeling business in the Eugene area.

Throughout their 45 years of marriage Stephen and Judy explored the Pacific Northwest and British Columbia, always looking for the most wild and remote places they could find to hike, camp and boat. Birding became a passion and enhanced Stephen's love of nature. Taking pictures early on with a point and shoot camera was always part of

their travel adventures.

Stephen and Judy were members of the local birding group that gathers each Wednesday for coffee and birding in the local Eugene area. Stephen was a very active member and relished taking pictures and discussing birds. He and Judy often traveled to the coast and other areas to participate in birding activities.

Stephen, voted EPS President in 2018, had joined the Emerald

Stephen was also a regular volunteer in the annual Whiteaker Thanksgiving Day community meal event, as well as many other similar events which supported the underprivileged. Steph (who many called Steve) loved volunteering his time and providing photographs for those in attendance.

God speed Stephen. We will miss you very much.

*Ron Seguin,
EPS Vice President*

* Prime Time Bar & Grill - 1360 Mohawk Blvd. Private room in back on right



Light is your subject – Color is your partner

EPS Club News

But, Lady Luck can sometimes be your best buddy

In Memory of Stephen Franzen

I've been searching for a way to recognize and on reflect our great friend Stephen Franzen. Like you, it was the club (EPS) that introduced me to Stephen. On numerous outings, we stood side by side shooting, sharing and conversing. When our images were displayed at club meetings, I was always impressed (and jealous) of how his came out. Stephen had a very creative eye and was always willing to share tips and techniques.

Photo by - Stephen Franzen



On long drives to various shoots, we'd chat about all kinds of things;; rentals, birds, investments, and of course camera stuff. I once described a bird I had seen and asked him about it. As a non-birder I didn't do a very good job. Rather than say to me "I don't know," he kept asking questions. Things I remembered and things I did not. This all seemed a bit lengthy to me, but he persisted and eventually identified the bird.

Over the years I was able to talk Stephen into taking on some club responsibilities. Duties he may not have chosen but was willing to do for the sake of EPS and for the benefit of our members.

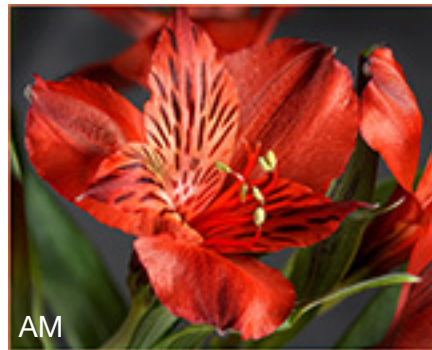
Stephen is an incredible example of what makes EPS such a great club and he will be missed by us all. You may have joined to learn photography, to make better pictures or to go on outings with other photographers, but those are not the most important features of this group. Stephen displayed friendship, caring and sharing and those are the values that make us better people and this a great club.

My message: Be a Stephen!

Dave Horton - Past President: 2017 & 2018



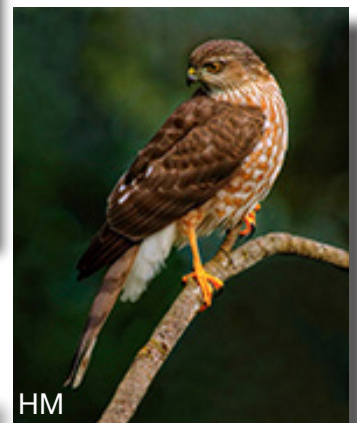
4Cs Monthly Digital Winners, March 2019



AM
Award
of Merit

HM
Honorable
Mention

EPS
does not
enter
this





Smartphone + Scientists + Blender = Dust = % Minerals



Every year, 1.4 billion mobile phones are produced around the world. Many of us have more than one, but what are they made of, where do the materials come from, and what is the best thing to do with our devices once we have no more use for them?

The answers to all those questions are the focus of an eye-catching new project from scientists at the University of Plymouth.

Scientists blended an entire smartphone to dust before conducting a chemical analysis of the dissolved results to demonstrate why we should all take a keener interest in what is contained within everyday electrical items.

They also wanted to show the quantities of rare or so-called 'conflict' elements each phone contains, and encourage greater recycling rates once the devices reach the end of their useful lives.

The project was conceived by Dr Arjan Dijkstra and Dr Colin Wilkins, geologists from the University's School of Geography, Earth and Environmental Sciences.

When researchers looked they found tungsten and cobalt from conflict zones in Africa as well as the rare elements neodymium, praseodymium, gadolinium and dysprosium, not to mention quantities of gold, silver and other high value elements. All of these need to be mined by extracting high value ores, which is putting a significant strain on the planet.

To conduct the experiment, the researchers took the blended phone and mixed it at almost 500°C with a powerful oxidizer, sodium peroxide. They were then able to do a detailed analysis of the resulting solution in acid to determine its precise chemical contents.

The results showed the phone used in the tests contained 33g of iron, 13g of silicon and 7g of chromium, as well as smaller quantities of other abundant substances. Those included a number of critical elements including 900mg of tungsten and 70mg of cobalt and molybdenum, as well as 160mg of neodymium and 30mg of praseodymium. And each phone contained 90mg of silver and 36mg of gold.

This means that concentration-wise, a phone has 100 times more gold -- or 10 times more tungsten -- than mineral resource geologists would call 'high-grade'. It also demonstrates that to create just one phone you would need to mine 10-15kg of ore, including 7kg of high-grade gold ore, 1kg of typical copper ore, 750g of typical tungsten ore and 200g of typical nickel ore.

Partly on the back of this research, several of the major mobile phone companies have committed to upping their recycling rates. "It is a positive sign," Dr Dijkstra said, "that the throwaway society we have lived in for decades is changing, and we hope this project will encourage more people to ask questions about their own behaviours."

*Science Daily, March 14, 2019
University of Plymouth*

Ed Note: Evidently not one of those lab rats had another phone that could answer every reader's question. What do our phones look like when turned into dust? Duh.



*Your camera's home
away from home*

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You Can Do It!

**Every EPS member
is authorized**

**to organize a Field Trip
at any time for any
place or event.**

•Pick a date •Make a map

•Make it happen!



NATURE PHOTOGRAPHERS NPPNW OF THE PACIFIC NORTHWEST

Spring Meeting 2019

April 6 - Oregon State University - Milam Hall (Corvallis, OR)

Doors open, 8:30 AM - Program begins, 10 AM

Speaker - **Brenda Tharp**



Brenda is a professional nature and travel photographer -

Widely published - Conducts workshops and tours -

Latest book, *Expressive Nature Photography*.

Website www.brendatharp.com

Morning presentation "*The Expressive Nature Photograph*"

Afternoon presentation "*The Path Less Traveled: Creating Meaningful Personal Images*"

NPPNW COMPETITIONS

Digital projected & Prints

Plant Life - Scenic - Wildlife = categories

RULES

"Limited hand of man"

Must be registered to submit images for the digital competition

DIGITAL ENTRIES

Deadline 12AM, Saturday, March 30 (Max. 2, unless 3rd is Plant Life)

jpeg files (4 MB max. - 1920p on long side) No watermarks - Names - Copyright

Format: Category - Title - by - FirstName - LastName.jpg

Example: *Wildlife - Bull Moose by John Doe.jpg*

Send as email attachments to NPPNW.submissions@gmail.com

Details: Contact Bruce at NPPNW.submissions@gmail.com

PRINT ENTRIES

On Back - Your Name - Email - Phone #

Max. 2 images unless 3rd is Plant Life

May be matted - NOT framed - Height x Length = 40 in. or less (16x24)

No prints accepted after 9:45 AM





Q & A With Tim Grey



Q:

I have both versions of Lightroom (Classic CC & CC) on my computer. Can I safely delete Lightroom CC from my Windows desktop?

A:

Yes, absolutely. Uninstalling Lightroom CC will not impact any work in Lightroom Classic CC. As long as no new photos were imported directly into Lightroom CC, uninstalling it won't have any impact on existing workflow.

Or, if you inadvertently install Lightroom CC, but have never imported new photos, it can be uninstalled without harming your Lightroom Classic CC workflow or catalog.

The names are obviously very easily confused, so it is understandable that confusion [*abounds as to*] which Lightroom is which, [*especially*] when installing updates to applications in the Adobe Creative Cloud.

I recommend using the Adobe Creative Cloud application to uninstall any applications. Go to the Apps tab - Locate the entry for Lightroom CC - Click the popup on the right side of the "Open" button - Click, "Update" if installing the latest version.

To remove the application - in the popup choose "Manage" - Then Click "Uninstall" to initiate the process. [*Finally,*] I recommend choosing the option to remove the "Preferences" if not using Lightroom CC and don't intend to use it in the future.

Q:

What would you recommend for a location sampling interval for the purposes of Geo tagging my photos?

A:

I recommend recording track logs with an interval of about 15 seconds.

However, it is important to consider how fast you might be moving and the degree of precision you'd like to have for your location metadata.

A GPS track log records time and location at a set interval while the camera includes date and time for each photo. Since both contain time information, synchronize photos with a log based on time. This adds [*only*] GPS coordinates to [*existing*] metadata for photos.

Recording track log data with a very short interval certainly results in a larger file than with a longer interval setting. But, data is simple and won't result in an extremely large file even recorded over the course of multiple days.

The bigger concern is battery life. Using a lower track log frequency will help preserve battery life. The right balance will vary depending on how much (and how fast) you move during photography, and how critical is [*the need for*] precise location information. I find an interval of fifteen seconds works well, but you may want to use a shorter interval if you're moving quickly and want precise location data. Use a longer interval if only a general location [*is required*].

Q:

I want to purchase a calibration product and would welcome your advice on what to purchase towards the budget end of the range.

A:

I certainly understand preferring a tool in the lower price scale and this would be the X-Rite ColorMunki Smile (<https://timgrey.me/smile>), which sells for about US\$99.

Calibrating your monitor display ensures that what you see is as accurate a reflection as possible of the photos you are viewing. That, in turn, helps ensure you are applying appropriate adjustments to a given photo.

The ColorMunki Smile package has some minor limitations yet you can get excellent results. With the Smile package (US\$99) compared to the ColorMunki Display package (US\$170), the typical workflow limitations are a complete non-issue.

To learn more about the ColorMunki Smile follow this link: <https://timgrey.me/smile>



*Tim Grey publishes the monthly on-line magazine PIX-**LOGY**, and is a top educator offering clear guidance on complex photo subjects. He is also a Photoshop World Dream Team member.*

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



What To Know

April 2019

- 4 Challenge Night - Theme Words/Multi. Exp.
- 11 Ed. Night, **Focal Pount Rep** (Photo Restoring)
- 18 Digital Competition night
- 25 Photo Forum Night, Q & A, Demo

May 2019

- 2 Challenge Night - Theme TBA Apr. 4
- 9 Ed. Night, **TBA**
- 16 Digital Competition night
- 23 Photo Forum Night, Q & A, Demo
- 30 Board meeting

June 2019

- 6 Challenge Night - Theme TBA May 2
- 13 Ed. Night, **Star Trails/Milky Way** photos
- 20 Digital Competition night
- 27 Photo Forum Night, Q & A, Demo

SUMMER BREAK
No EPS meetings during
JULY & AUGUST

September 2019

- 5 Challenge Night - Theme TBA Jun 6
- 12 Ed. Night, **TBA**
- 19 Digital Competition night
- 26 Photo Forum Night, Q & A, Demo

October 2019

- 3 Challenge Night - Theme TBA Sept. 5
- 10 Ed. Night, **TBA**
- 17 Digital Competition night
- 24 Photo Forum Night, Q & A, Demo
- 31 **Board Meeting**

November 2019

- 7 Challenge Night - Theme TBA Oct. 3
- 14 Ed. Night, **TBA**
- 21 Digital Competition night
- 28 Photo Forum Night, Q & A, Demo

Where To Go

• Linda Devenow - *Show At The Winery*

On display until - April 13 *Saginaw Vineyard* - One person show 80247 Delight Valley School Road Cottage Grove.

Linda Also had her photograph, 'Vivid Summer Foliage' selected to be displayed at the Annual Florence Festival Art Show. Show hours will be Friday, April 26, 2:00 - 8:00pm and on Saturday, April 27, 2:00 - 10:00pm at the Florence Events Center, 715 Quince Street, Florence.

BEST PRICES EPS WHOLESALE print show supplies

\$17 FRAMES (16"x 20" OD)

Black or Silver aluminum,
including hardware & glass

\$7 MATS (16"x 20" OD)

Double whites, Whites / black core (look
like doubles)

always include stiff backers

Center-cuts with 10"x 15"

or 12"x 16" openings

\$5 TRANSPORT BOXES

for moving framed images
(some assembly req.)

\$2 from each of the above
purchases goes to EPS

Contact:

Bruce Bittle 541.343.2386

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Classified

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- 17" paper, Nine 80ml ink carts
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- Works great! **\$400**

Call Susan 541-525-2053

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EPS members

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Have your photos been published?

- Magazines
- Brochures
- Newspapers
- Scientific Journals

Send complete details to:
<bittled70@gmail.com>

"If you don't blow your own horn,
somebody else will use it
for a spittoon."

Ambrose Bierce

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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>



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Oregon Gallery

199 East Fifth Avenue, Eugene

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Red River Paper

Professional quality papers of all types for much less than printer mfg. brands

10% rebate to EPS when ordered directly from our web site

***The Shutterbug* Camera Stores**

Two Stores 207 Coburg Rd. & Valley River Center

10% discount on photo accessories and photo finishing

***TechMedic* Apple Mac Computer Technicians**

EPS Preferred Vendor

2125 W. 7th Ave (Big "Y" Center)

541•484•3603

U of O Bookstore Art Department (Basement)

Corner of 13th Ave. & Alder St.

20% discount on all art supplies