

May
2017

The BELLOWS

REMEMBER
Shoot Verticals
of all bird shots
for the EPS
2018 Calendar*Many birding venues are within easy reach*

Spring Birding Time Is Finally Here



Lewis's Woodpecker

CABIN LAKE CG

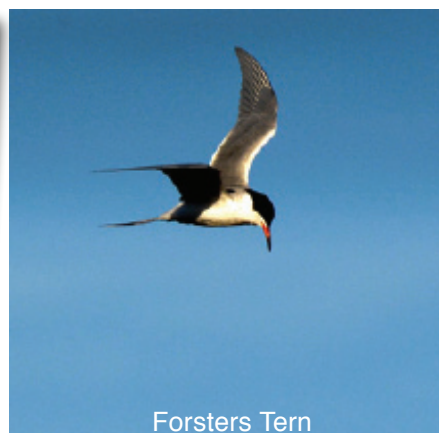
Yellow Headed Blk. Bird

MALHUER WR

Baby Coot

FINLEY WR**KALMATH WR***Location Choice Is All Yours!***SUMMER LAKE WR****RIDGEFIELD WR**

Snow Geese



Forsters Tern



Juv. Great Horned Owl

Many experienced shooters agree that until you've tried all of these areas several times you won't be able to choose a favorite. Then, after visiting them all many times you'll discover how difficult it is to make that decision.

continues on next page

Inside This Issue

• Additional Field Trip Bird Images	2
• Club News	3
• First International Nano Car Race	4
• April Winning 4Cs Competition Images	5
• Fastest Camera in the World	6
• 4Cs Convention, October 6-7 Ashland, OR	7
• Tim Grey Q&A - © - TimeLapse - Color Cast	8
• What to Know - Where To Go - Classifieds	9



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Birding Spots continued:

Finley WR Day trip.

Drive time - 40 min. - Ten mi. N. of Monroe on Hwy. 99 W. Turn W. on Bruce Rd. Two miles to small mitigation pond.

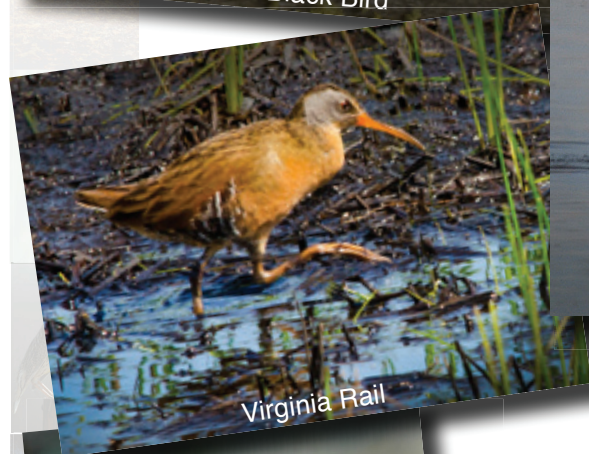
<https://www.fws.gov/refuge/>

[william_j_finley/](#)

Finley



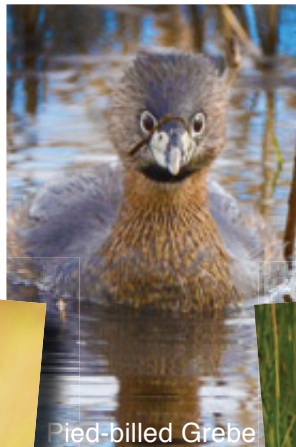
Brewer's Black Bird



Virginia Rail



Red-shafted Flicker



Pied-billed Grebe



Northern Pintail

Photos by
Bruce Bittle

Birds

Ridgefield WR Day trip.

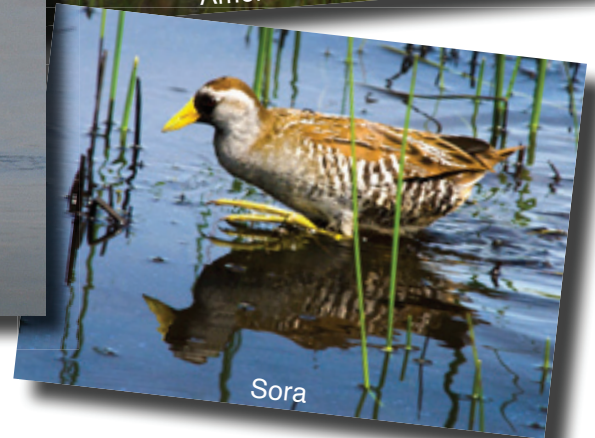
Drive time - 3 hrs. - 10 miles N. of Columbia Riv. on I-5. Take Ridgefield exit West. Refuge is 1 mi. S. of town. Two mi. loop varying eco. systems

<https://ridgefieldfriends.org/>

continues on next page

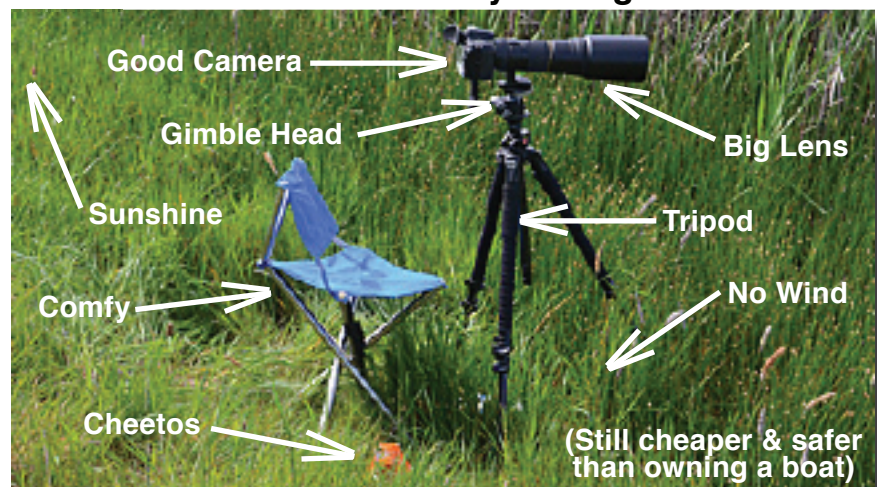


American Bittern



Sora

Photo Fun Ready To Begin





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Birding Spots continued:

Cabin Lake CG Day trip.

Drive time - 3 hrs. - East on 58 to 61 to 97 to 31. Eight mi. past Ft. Rock to unimproved campground - So. of split rail fence - two small rickety blinds - water spot for small birds - chip monks. <http://traveloregon.com/see-do/recreation/camping-recreation/hiking/cabin-lake-campground/>

Klamath WR Overnight.

Drive time - 4 hrs. - East on Hwy 58 - S. on 97. Ten mi. S. of Klamath Falls to State Line Rd. Ten mi. loop in major flyway - eagles - pelicans - water birds. https://www.fws.gov/refuge/klamath_marsh/

Summer Lake WR Overnight.

Drive time - 4.5 hrs. - East on 58 to 61 to 97 to 31. Five mi. loop - major flyway - min. lodging. http://www.dfw.state.or.us/resources/visitors/summer_lake_wildlife_area.asp

Malheur WR Overnight.

Drive time - 6 hrs. - East on 126 to 20 to Burns. So. - 205 - Ref. Hqts. Major flyway - Ten mi. loop - Best OR hot spot. <https://www.fws.gov/refuge/malheur/>

Remaining EPS Field Trips

• May 13 - 15

OR Coast - Shore Acres & area - A. Adam

• May 16

Ridgefield WR - Cedar Creek Grist Mill - R. Seguin / B. Bittle

• May 22-25 - Tetons/Yellowstone Nat. Pks. - G. Smith / B. Bittle

• June 10-11

Duchess Horse Sanctuary (12 members needed) - A. Adam

• June 17

Eclipse Rehearsal - T. Smith

• July 7-11

DDD Photo Game Farm, Kalispell, MT - G. Smith

• July 15

Eclipse rehearsal - T. Smith

• August 12

- Sweet Creek Falls - A. Adam

• August 21

Solar Eclipse - Everyone for themselves - Good luck!

• September 16

Masonic Cemetery - In conjunc-

New 2018 Digital Rules Suggested

These are the changes to the Competition Rules suggested during the past Board Meeting (the page numbers refer to the document currently on the website). The suggested changes are in red.

Page 6:

Replace: "A digital copy of all entered print images, using club file name convention, must be uploaded to Score27 for scoring purposes"

With: "A digital copy of all entered print images, using club file name convention, must be uploaded to the scoring program (Photo Contest Pro currently) for scoring purposes"

Page 7:

Add at the end of the scoring guide: "Judges can fine-tune the scores by half points, e.g. 5.5, 6.5. This does not apply to 9 points which is the perfect score."

Page 9:

Change Awards to read:

"All images scoring over 18 points will be acknowledged during the competition. The four highest scores will be awarded First Place, Second Place, Third Place and Honorable Mention."

Page 10:

Replace "Three guest judges (non-EPS members) are selected by the competition committee chair."

With: "Three guest judges (non-EPS members) are selected by the critiquing committee chair."

Hernando Convers

EPS Competition Chair

tion with Ed Night - A. Adam

• October 21

Japanese Gardens Portland - A. Adam

• November 18

The Dalles Exploration w/ Maryhill Moon Shoot / Alford Desert - (Alt. Deerhorn property) A. Adam

• December - TBA

Teton - Yellowstone Field Trip Update

Twenty-Two EPSers and invited guests now have plans in place to be in the parks from the **22nd to the 25th of May** which is prime time for spring flowers and snow covered mountains.

Motel and RV reservations are still available in downtown Jackson and a tentative travel itinerary to and from has been suggested. **However, getting there and coming back are entirely open ended for everyone.**

This field trip is going to be the best attended long-distance EPS Field Trip in the history of the club. Anyone still interested should contact **Graham Smith** (541.683.8899) or **Bruce Bittle** (541.343.2386) for complete details.

Bruce Bittle

EPS Officers

President -

Dave Horton

Vice President -

Stephen Franzen

Secretary -

Tom Bruno

Treasurer -

Kevin Reilly

Webmaster -

Mike Van De Walker

Challenge Night Chair -

David Putzier

Education Night Co Chairs -

Tom Bruno, Jon Parker,

Susan Starr

Competition Chair -

Hernando Convers

Back up - **Mark Gotchall**

Photo Forum Chair -

Kurt Pratt

Critiquing Chair -

Bob Petit

Board Members at Large -

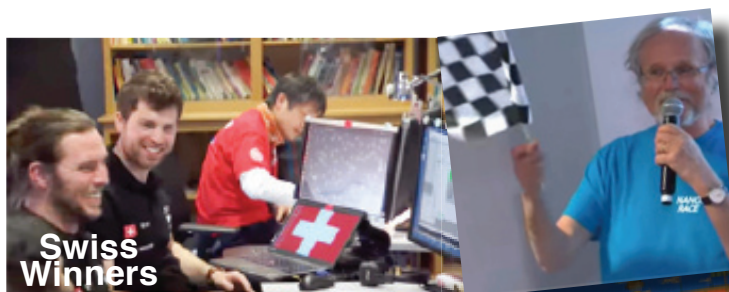
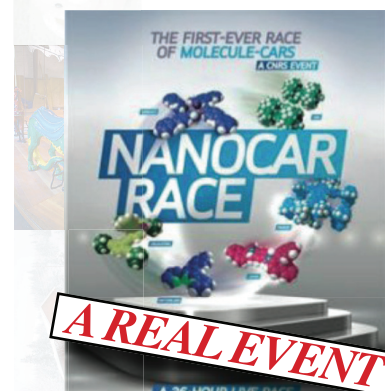
Jeff Green, Graham Smith,

David Winther



Was “NanoCar Race” Poster, Faux News?

If it looked like a NASCAR April fool spoof last month, YOU were fooled!



Unknown:
If winners received
nano trophies
invisible to the
naked eye.

TEAM NAME	COUNTRY	POSITION	TIME	STATUS
DIPOLAR RACER	USA	1ST	130 min	DISQUALIFIED
SWISS NANO DRAGSTER	Switzerland	2ND	190 min	10 nm/hr
WINDMILL	Germany	3RD	11 min	
OHIO BIODCAT NANO-WAGON	USA	4TH		
GREEN BUGGY	France	5TH		
NIMS-MANA CAR	Japan	6TH	0 min	0 nm/hr



Yes, fooling was easy unless you stumbled upon this event on YouTube while it was in the process of being created. Before race day, April 28, finally arrived it had been postponed several times because drivers needed more practice.

This first International Nano-Car Endurance Race, after startup troubles, was won by Team Swiss driving on a gold track in a high-tech nano lab in Toulouse, France.

Racing single molecule cars built with 100 atoms or less for the first time, proved much harder even on race day.

Ten minutes into the race it had to be stopped and restarted because the Scanning Tunneling Microscope (STM) *lost* the track. Molecule cars are 30,000 times smaller than the thickness of a human hair and easily wrecked. Just ask Team Japan.

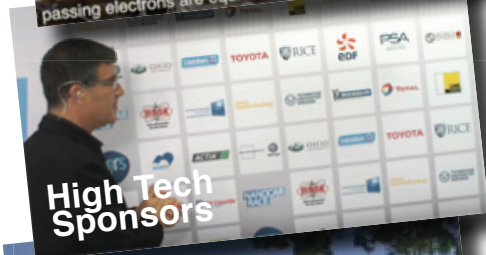
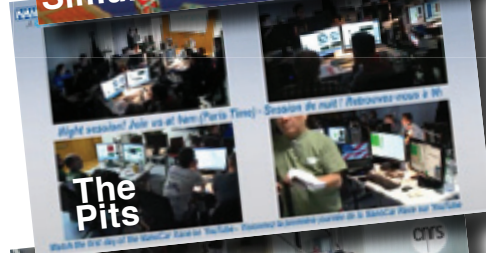
Stats:

- Fastest car - 35 nm/hr - (USA*)
- Avg. speed all cars - 10 nm/hr
- Track temp - minus 268°
- Cars are scooted along when the STM needle above the cars, zaps them with an exceedingly small amount of electricity without touching it.
- Cars disintegrate if touched by the needle. Yup, ask Team Japan
- At 10 nm/hr. moving an entire mile would take about 17 million years.

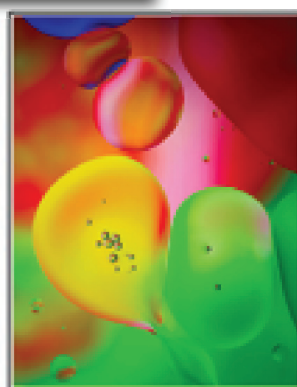
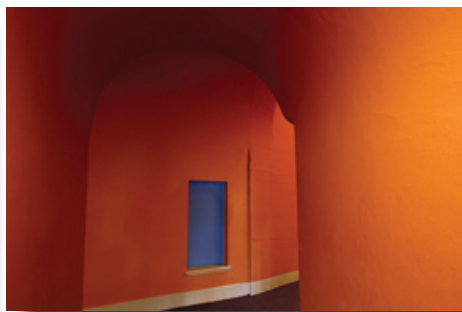
* Team USA didn't pass the Tech Inspection because they refused to disclose the formula for their molecule car.

* Also disqualified, because they demanded a silver track rather than gold. *Rules have reasons?*

* Probably cheated in other undisclosed ways similar to Smokey Yunich's myriad of ways in the early days of NASCAR.



4Cs April Winning Inter-Club Digital Images



Fastest Camera: Makes Light Almost – Stand Still

Forget high-speed cameras capturing 100,000 images per second. A research group at Lund University in Sweden has developed a camera that can capture images at a rate equivalent to five trillion images per second, or events as short as 0.2 trillionths of a second. This is faster than has previously been possible.

The new super-fast camera will therefore be able to capture incredibly rapid processes in chemistry, physics, biology and biomedicine, that so far have not been caught on film.

To illustrate the technology, the researchers have successfully filmed how light -- a collection of photons the thickness of a piece of paper -- travels a distance that takes only a picosecond, but the camera slows it down a trillion times.

In short, the method involves

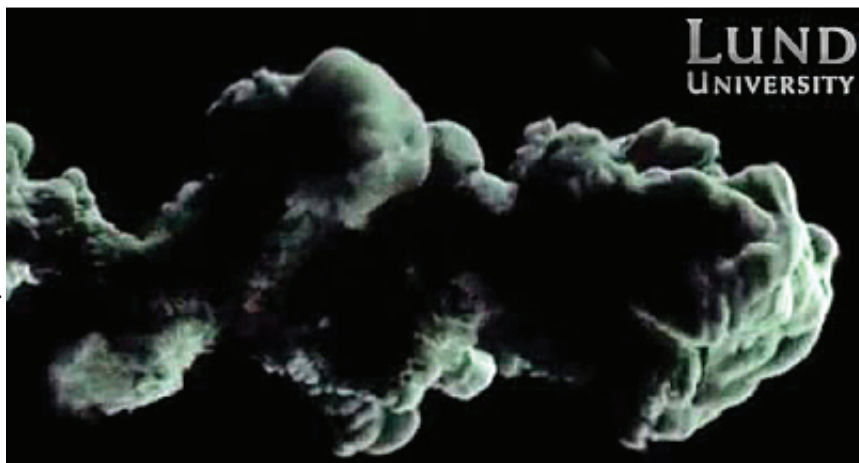


Photo – Lund University

The new camera was developed for filming chemistry and physics occurring at extreme speeds.

Many of these processes happen in a femtosecond, which is unbelievably fast -- the number of femtoseconds in one second is significantly larger than the number of seconds in a person's life-time.

more fuel-efficient. Combustion is controlled by a number of ultra-fast processes at the molecular level, which can now be seen for the first time.

Researchers using this tech-

ATTENTION EPS MEMBERS

We Have An All Members Print Show At The Courthouse In June

Members displaying at this venue before may submit two images

New members are welcome to submit three images

Club standard black frames & double white mats are required

exposing what you are filming (for example a chemical reaction) to light in the form of laser flashes where each light pulse is given a unique code. The object reflects the light flashes which merge into the single photograph. They are subsequently separated using an encryption key.

The camera is initially intended to be used by researchers who [need] to gain better insight into many extremely rapid processes occurring in nature. For example, explosions, plasma flashes, turbulent combustion, brain activity in animals or chemical reactions.

"This does not apply to all processes in nature, but quite a few, We are now able to film such extremely short processes," says researcher Elias Kristensson. "In the long term, the technology can also be used by industry and others."

Most days, Elias Kristensson and assistant Andreas Ehn conduct research on combustion -- an area which is known to be difficult and complicated to study. The ultimate purpose of this basic research is to make next-generation car engines, gas turbines and boilers cleaner and

nology called FRAME (Frequency Recognition Algorithm for Multiple Exposures) will now be able to study the chemistry of plasma discharges, the lifetime of quantum states in combustion environments and in biological tissue, as well as how chemical reactions are initiated.

A German company has already developed a prototype of the technology, which means that within an estimated two years more people will be able to use it.

*Science Daily, April 28, 2017
Lund University*





4Cs Convention, October 6-7, Ashland, OR

SAVE THE DATE!

October 5-8, 2017

Columbia Council of Camera Clubs **Photography Convention**

in beautiful Ashland, Oregon

Keynote Speaker & Workshops by **George Lepp**



Workshops by:

David Vanderlip (Lightroom & Photoshop Instruction)

Gordon Battaile (Surreal Photography)

Michael Anderson (HDR)

Deb Harder (Portrait Photography & Travel)

David Lorenz Winston (Ashland Alleys)

"Photo Joseph" Joseph Linaschke (Mirrorless Cameras)

Lewis Anderson (Textures in Photoshop)

Glen Bledsoe & Chris Taylor (Infrared Photography & Compositing)

Kat Sloma (Cell Phone Photography)

Christopher Briscoe (Drone photography)

Field Trips and more!

Public Invited!

Convention will be held at Southern Oregon University's Stevenson Union

www.columbiacameraclubs.org

Email: sopacameraclub@gmail.com





Q & A With Tim Grey

ASK?
tim
grey

Q:

[Some] images include a copyright symbol. How do you get that copyright symbol to show up?

A:

The copyright symbol appears automatically in front of the filename for an image in Photoshop if the Copyright Status in metadata is set to "Copyrighted" rather than "Unknown" or "Public Domain".

Note that the Copyright Status field within Adobe applications (including Photoshop, Bridge, and Lightroom) is Adobe-specific and other software tools may not support this metadata field.

If you're using Adobe software to manage your photos and you apply "Copyrighted" to your photos, this might not prevent someone from using [it] without permission, but it couldn't hurt to have this in the Metadata.

In Lightroom, choose Default from the header of the Metadata section of the Library module. In Adobe Bridge or Photoshop choose File > File Info from the menu.

This field is specific to Adobe software products and worth [applying] to all of your photos. Also, any image is technically "copyrighted" the moment you capture the photo.

*[Even officially registered with the Library of Congress your photo can still be stolen. However, if an illegal use is worth pursuing you'll have an airtight case, **unless the image has been altered in any way by the thief.** Then the outcome becomes a huge expensive can of courtroom worms. So, tread carefully. Ed]*

Q:

I've been looking for a software program that will allow me to make a time-lapse video of 300-400 images. Any suggestions?

A:

My preference is to use video editing software to assemble time-lapse videos.

This provides the additional benefit of being able to apply adjustments and effects to your final video. I use Adobe Premiere Pro for this purpose, but you could also employ Adobe Premiere Elements if you prefer a more basic tool.

With video editing software you can include still images, and specify the duration for each still. For example, if you specify that each still should be displayed for one frame, then for every thirty photos you've captured you'll end up with one second of time-lapse video.

In Premiere Elements you can specify a default number of frames for each still image within the Preferences dialog. You can then import all of your still photos into your project, select them all, and add them to the timeline.

Another approach you could use in Premiere Elements would be to use the "Time Stretch" feature. With this approach you don't need to specify a still image duration before you get started, letting the software fine-tune that setting by applying the "Time Stretch."

You can find Premiere Elements (download version for Macintosh) here: <http://amzn.to/2ovHnIH>

Articles reprinted with permission

Q:

What is the best way to remove yellow from photos when the photographer did not use a flash?

A:

Simply shifting the Temperature slider toward blue (away from yellow) is a good solution. Even if the photo was not a RAW capture, you [can] use the Camera Raw Filter in Photoshop, (and Lightroom) on a JPEG capture.

If the color cast is too strong for [slider] adjustment, I [use] a [custom] technique in Photoshop. Start by dragging the thumbnail for the Background layer to the "Create a New Layer" button (blank paper icon) at the bottom.

Next, choose Filter > Blur > Average from the menu. This processes the Copy layer to contain only pixels of the color of your strong color cast. [Then] choose Image > Adjustments > Invert to reverse the color [yellow] to the opposite [blue].

Then, Click the popup at the top-left of the panel (change default Normal to Color) [This] sets a blend mode [that] alters only the color (not the tone or texture) of the underlying image.

Finally, reduce the strength of the new color [with] Opacity of the Copy layer. [Use] the control at the top-right of Layers panel. Start at a 50% and fine-tune from there. Tweak overall saturation and contrast to compensate for other issues in the image.

[Then in Layers, Merge Layers and Save As with a new Title for this image. This preserves both the original and the newly tweaked image as separate files. Ed]





What To Know

NEW MEETING LOCATION

Northwood Christian Church
2425 Harvest Lane
(Corner of Harvest Lane
& Hayden Br. Road, Springfield)

**New Meeting Night
THURSDAYS**

May 2017

- 4 Challenge Night - Theme, **Architecture**
- 11 Ed. Night, **TBA**
- 18 Print & Digital Competition night
- 25 Photo Forum Night, Q & A, Demos

June 2017

- 1 Challenge Night - Theme TBA May 4
- 8 Ed. Night, **TBA**
- 15 Print & Digital Competition night
- 22 Photo Forum Night, Q & A, Demo
- 29 **EPS Board Meeting** All welcome

**No EPS
Meetings in
July & August
Happy Summer Shooting**

September 2017

- 7 Challenge Night - Theme TBA June 1
- 14 Ed. Night, **TBA**
- 21 Print & Digital Competition night
- 28 Photo Forum Night, Q & A, Demo

Where To Go

• David Becker –

Had a photo entitled, "*Lone Rider*," selected for the *Artwork NW 2017 Show* at the **Umpqua Valley Art Asso.**, 1624 W. Harvard, in Roseburg, and can be seen from May 5th until June 30th.

David is one of 46 artists whose work was selected for the show and his image is one of 500 submitted. A reception is scheduled for 5-7pm on the 5th

Attention EPS Members

• At the Courthouse

The **Emerald Photographic Society** will have a show in the Harris Hall Lobby at the Lane County Courthouse, 125 E 8th Ave. in Eugene for the month of June. The lobby is open 8-5 weekdays. Show goes up the 1st, comes down the 30th.

**Got a show?
We want to know!
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

Classified

**Classified Ads
Free to all
EPS members**

This
Space
Available

**BEST PRICES
in town
EPS WHOLESALE
print show supplies**

\$7 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.

\$17 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

FREE Delivery to club meetings!

Legal Stuff

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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>



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)

*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

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

NEW

TechMedic

EPS Preferred Vendor

Apple Mac Computer Technicians

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

541•484•3603

NEW

U of O Bookstore Art Department (Basement)

Corner of 13th Ave. & Alder St.

20% discount on all art supplies

Web Mats & Frames / Vistra Gallery

411 West 4th Street, Eugene

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