

Dec  
2014

# The BELLOWS

*Congratulations to Helen Fast and David Becker*

## *Kudos To EPSers For Winning Images*

Annual Oregon Lavender  
Photo Contest  
*Capture the Magic of  
Lavender in Rural Oregon*  
THE 2014 CONTEST  
First Prize Winner

***“Lavender World”***  
*by Helen Fast*

(Taken at  
McKenzie River Lavender)



A cell phone image by **David Becker** was accepted in the November photo exhibit at the LightBox gallery in Astoria, OR. You can find an on-line exhibit in conjunction with the same images at: <http://lightbox-photographic.com/> MobileMagic <http://lightbox-photographic.com/>.

A nominal fee of \$35 for five images is charged and entrants receive a museum quality 6x8 print of each iPhone, iPad, iPod image submitted.

Full details are found at: <http://lightbox-photographic.com/downloads/MobileMagicXV.pdf>



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## Montana Game Farm Field Trip, May 22-26

Once again EPSer **Graham Smith** is organizing an outstanding field trip to the Triple "D" photo game ranch in Kalispell, MT. This time is to experience, as he says, "A baby shoot," that happens each year in the spring to photograph all the baby animals that have recently arrived.

Most of the babies are born right at the Triple D ranch and displayed for the first, and last time, because they grow up quickly.

After joining two previous trips with Graham and coming home with the best collections of wildlife images I never thought I'd ever have the chance to capture, I'm eagerly looking forward to this next adventure.

The scheduled shooting date is

May 22nd through the 26th at Triple D with the added attraction of a photo jaunt through Glacier National Park located almost next door to the ranch.

Even if you're a beginning photographer, these photo trips are a great place to start. Minimum camera skill is required to capture once-in-a-lifetime images. And you'll be with a very friendly group that can easily answer any photo questions you might have.

The best part of this particular trip is the cost. Usually these shoots are expensive because, as mentioned, for many they are indeed a once-in-a-lifetime experience. The usual fee for a shoot is about \$1,200,



*Baby tiger, "Hershe," one month old posing for the first time.*

but the basic fee this time will be just \$900. Members of NAPP receive an additional \$100 discount.

Let Graham know soon if you are interested in joining the fun with the group from EPS already signed up and ready to go.

*Bruce Bittle*



## Proposed EPS Candidates For 2015

This is next year's EPS proposed slate of Board Members, Officers and Chair Positions to be voted on by all members present at the Tuesday, December 9th, meeting.

Voting will be required only for the names preceded by check boxes.

Nominations from the floor will be allowed if the nominee is present to accept or decline the nomination.



### BOARD MEMBERS AT LARGE

Position 1) Kathy Baker

Position 2)

Position 3)

Position 4)

☐ Gina Reynolds

☐ Ron Seguin

☐ Jeff Green

### OFFICERS

President: Mary Harrsch

Vice President

Secretary:

Treasurer: Erin Wood

☐ Jann Cole-LeBleu

☐ Walt Biddle

### CHAIRS

Digital Competition:

Challenge Night:

☐ Mike VanDeWalker

☐ Ben Carlson

☐ Shannon Sprout

Critiquing: Kurt Pratt

Education:

Social Night:

☐ Dave Horton

☐ Betsy Norris

### COMMITTEE APPOINTMENTS\*

Events: Kathy Baker

Hospitality: Jann Cole-Lebleu

Newsletter: Bruce Bittle

Publications: Kathy Baker

Webmaster: Mike VanDeWalker

4 C's Images: Walt Biddle

4 C's Liaison: Bruce Bittle

Bookkeeper: Jonna VanDeWalker

*\*All appointees have agreed to accept the positions for 2015.*





## Turn Smartphones Into A Portable Microscope

**P**eople around the world are examining species of coral in Fiji; looking at fungi and parasites in grass seeds; following ants across the ground up close; or examining the striations in a piece of roast beef on rye; and doing this with a tiny, durable magnification lens added to their iPhone or iPad.

The Micro Phone Lens, developed by UW mechanical engineering graduate Thomas Larson, can turn any smartphone or tablet into a hand-held microscope. The soft, pliable lens the size of a button sticks to a device's camera without any adhesive and makes it possible to see things magnified by 15 times.

"By making a microscope cheaper, portable and able to take



*A magnified image is displayed on an iPad screen.*

pictures, you open so many different possibilities that weren't available before," Larson said.

Larson is creating a new lens that will magnify up to 150 times. (Standard microscopes magnify between 50 - 400 times.)

Users turn on an external light source such as a lamp, then run the device in camera mode. Moving the device closer or farther from the object brings it into focus.

"I'm hoping this microscope

can make a difference, Larson said. "If I can just make it available, the right people and experts in the field can see its usefulness and take it from there."

*Source: April 14, 2014 Science Daily. University of Washington*

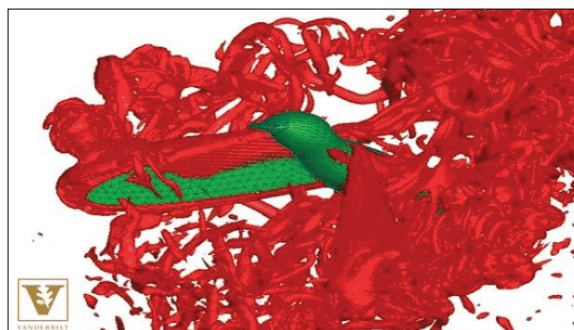


## Hummingbird Aerobatics Related To Insects

**T**he most detailed, three-dimensional aerodynamic simulation of hummingbird flight conducted to date has definitively demonstrated that the hummingbird achieves its nimble aerobatic abilities more closely aligned to flying insects than to other birds.

Large birds generate almost all of their lift on the downstroke, then pull their wings in to reduce the negative lift on the upstroke.

Hummingbirds perform a neat trick. With four high-speed video cameras running 1,000 frames per second, researchers learned that at the bottom of the positive lift downstroke, the leading edge of a



*Video image showing air currents around the wings of a hummingbird in flight.*

hummingbird wing begins moving backwards and rotates 180° so the top of the wing [trailing edge] becomes the bottom, and bottom [leading edge] becomes the top. This allows the wing to form a vor-

tex as it moves up generating a 30% positive lift on the upstroke. That upstroke takes only 30% as much energy making the up and down of a single beat equally energy efficient.

Although structured differently, insects like dragonflies, houseflies and mosquitoes can

also hover and dart any direction while producing positive lift on both up and downstrokes using similar mechanics.

*Source: Nov. 21, 2014 Science Daily Vanderbilt University*





## Q&A With Tim Grey

**Q:** *In Photoshop you can easily juggle image size and obtain the print you desire. How do you get the operational equivalent [in] Lightroom?*

**A:** You can control the print size on paper in Lightroom as you can in Photoshop, although the process is [really tedious].

In Photoshop, the Image Size command allows you to [set] the size of the image based on pixel dimensions [or inches]. *[Then, Click Print from the Photoshop Menu and the thumbnails in the Print window show you exactly how your image will look on the paper size if you chose correctly. Better yet, it shows you how your image will look if you chose the WRONG paper size. To correct things Click the Print Settings button at the bottom of the same window. (That button should read "Paper Sizes," but in 25 years Adobe programmers have yet to figure that out). However, that's a minor annoyance compared to the "Print Command Hell" the Adobe idiots created for Lightroom as you'll see below. Ed]*

In Lightroom the [print] factors are controlled through the paper size. The first step is to adjust the paper size based on the intended [image size]. Select a preset that is close to what you're looking for

by clicking the Page Setup button (bottom left panel in Print module). Set the desired size of paper, then click OK.

Next, in a couple of ways, adjust the image size by defining a Cell Size within which the image will fit. On the Cell Size sliders, set the Height and Width to the size you want the image to be. [Or] adjust the Margins' sliders for the [perimeter] space [around] the printed page. [This] will in turn cause the Cell Size sliders to adjust automatically based on the margins.

You also have the choice of having your image be presented in Full, or Fit in Cell (you define), or Crop to Cell Size. [To crop the image] turn on the Zoom to Fill checkbox in the Image Settings section of the right panel. This allows you to drag the image around within the cell to determine which portion of the photo you'd like to have visible. If you want more control over cropping, you need to use the Crop tool in the Develop module.

Obviously the Lightroom controls and the overall approach are different from Photoshop, but you can achieve the same result.

*[Duh?! Why oh why doesn't Adobe just trash this Lightroom image/paper sizing kludge and replace it with the simple Click, Click & Print, intuitive image/paper sizing process in Photoshop? Ed.]*

**Q:** *Photoshop Elements 12 contains a Recompose tool to move objects closer together in a content-aware manner. Is there an equivalent to this tool in Photoshop?*

**A:** Yes. In Photoshop, Click and Hold on the Spot Healing Brush. On the fly-out menu, select the Content-Aware Move tool.

With the Content-Aware Move you can select an object within the photo, drag that object to a different location, then crop the photo.

The Recompose tool and the Content-Aware Move tool provide similar capabilities. Recompose lets you define areas to protect, and then you essentially crop the image to redefine composition.

Content-Aware Move has more control than Recompose, [but] the reality is [both] options don't produce great seamless results.

I recommend using them for relatively modest adjustments.



*Tim has written a dozen books, published hundreds of magazine articles and is a member of the Photoshop World Dream Team.*

*[Ed Note: These articles are reprinted with permission.]*





# Stolen From The Internet

## *"Hey I Can Fix That!" Found In Parking Lots*





## What To Know

### December 2014

- 2 Challenge Night - Theme "SQUARE"
  - 9 Print & Digital Competition night
- ONLY TWO MEETINGS THIS MONTH

*Happy Holidays*  
*Next meeting Jan. 6*

### January 2015

- 6 Challenge Night - Theme TBA Dec. 2
- 13 Ed. Night, TBA
- 20 Print & Digital Competition night
- 27 Beginners Q & A – Demo night

### February 2015

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

### March 2015

- 3 Challenge Night - Theme TBA Feb. 3
- 10 Ed. Night, TBA
- 17 Print & Digital Competition night
- 24 Beginners Q & A – Demo night
- 31 Rocky Mt School of Photography

### April 2015

- 7 Challenge Night - Theme TBA Mar. 3
- 14 Ed. Night, TBA
- 21 Print & Digital Competition night
- 28 Beginners Q & A – Demo night

### May 2015

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

## Where We Show

### • David Putzier

Will have eight images on display at the **David Joyce Gallery (LCC)** as part of their current show for the next three months.

### • Bruce Bittle

Will have a show, "*Wild Animals in the Snow*," in the Harris Hall Lobby of the Lane County Courthouse at 125 E. 8th Ave. during business hours, 8-5 week days, through the month of December.

### • Elder, Munson & Bittle

Our two year old show, "*A Small Look at a Large Harvest*," about little known crops being grown in the Willamette Valley, is still being shown. It was seen in October at the Philomath Elementary School - in November at the Harrisburg Elementary School - and it can now be seen at the Coburg Charter School, until the end of the year.

## We want to include your events

**Do you have a show?**

*Send complete details  
(location, time, theme, etc.)*

**Have photos published?**

*Send complete details  
(Publication, date, etc.)*

**Send before the  
last week of the month to:**  
[<bittled70@gmail.com>](mailto:bittled70@gmail.com)

## Classified

### Classified Ads Free to all EPS members

**Until twenty are gone,**

EPS will have double  
white 16"x20" mats  
with a square 12"x12"  
center cut opening,  
for sale at our regular  
mat price of  
\$6 each with backer.

### 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**

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Be a good ambassador for EPS each time you receive these discounts  
by letting these folks know how much you appreciate their support.



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



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away from home*

### **Focal Point Photography**

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### **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