



**Cascade
Camera Club**

JULY 2014
Volume 12: Issue 7



CLUB EVENT SCHEDULE

JULY

- 7th Critique: Digital Open/Theme
Theme: Side by Side
- 8th Photo Talk Lunch at Cafè Sintra 11-1 PM
- 21st Program: Robt.Agli/Lightroom
- 22nd Photo Talk Lunch at Cafè Sintra 11-1 PM

AUGUST

- 4th Critique: Digital Open/Theme
Theme: Glitz or Glamor
- 5th Photo Talk Lunch at Cafè Sintra 11-1 PM
- 18th Program: Member Video Show
- 19th Photo Talk Lunch at Cafè Sintra 11-1 PM

SEPTEMBER

- 1st **NO MEETING** - Labor Day
- 2nd Photo Talk Lunch at Cafè Sintra 11-1 PM
- 15th Critique Night: Open/Theme
Theme: Black and White
- 16th Photo Talk Lunch at Cafè Sintra 11-1 PM

OCTOBER

- 6th Critique: Digital: Open/Theme
Theme: Weather
- 7th Photo Talk Lunch at Cafè Sintra 11-1 PM
- 20th Program Night: TBA
- 21st Photo Talk Lunch at Cafè Sintra 11-1 PM



*“A Skiff at Smith”
© Barb Rumer
Theme “Location”
end or Smith Rock”*

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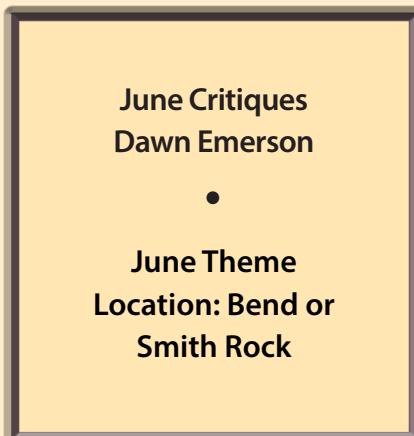
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Welcome to **IN FOCUS**, newsletter of the Cascade Camera Club, located in Bend, Oregon.

Our meetings are held at the Bend Senior Center, 1600 SE Reed Market Rd, the First and Third Monday of each month (except September). Doors open at 6:30 PM, the meetings start at 7:00 PM.

GUESTS ARE WELCOME

Email: info@cascadecameraclub.org
Website: cascadecameraclub.org



JUNE DIGITAL SUBMISSIONS

Theme:

- | | |
|------------------|--------------------------|
| Robert Agli | First Light |
| Greg Chilcote | A Late Day Climb |
| Kathleen Climer | Let the Sunshine In |
| William Dziuk | After Glow at Smith Rock |
| Nils Eddy | Sunrise Asterisk |
| Donita Elbert | Star Spangled Stacks |
| Julie Furber | Flaming Chicken |
| Quent Gillard | No More Chalk |
| John Hart | Magical Moment |
| Erin Hawthorne | Coming Home |
| Rich Marracco | Spikey |
| Bev Murphy | Deschutes North of Town |
| Barb Rumer | A Skiff at Smith |
| Ginger Sanders | Under the Cityscape |
| Sierra Schneider | Up |
| Jim St John | Steelhead Theme |
| Don Trask | Old Mill Evening |
| Bill Truxal | Shoshoni Winter |
| MA Willson | Bend Countryside |

Open:

- | | |
|------------------|----------------------------|
| Ruth Baker | Final Flight |
| Jim Bell | My new Pet |
| Darrell Fevegeon | Morning Glory |
| Mike Jensen | Night Storm At Crater Lake |
| John O'Donnell | Springtime in the Cascades |
| Michael Rouse | Sunset Drama |
| Judy Neill | Ranch-Bronc Bucking |

Our Critiquer for JULY
Abbott Schindler

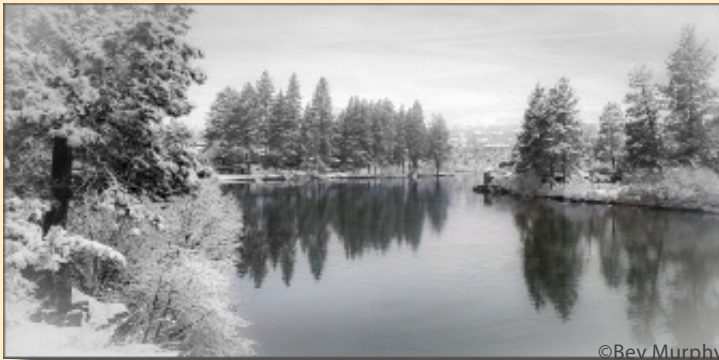
SUBMISSION DEADLINE
11:59 p.m. ON THE WEDNESDAY
PRIOR TO CRITIQUE NIGHT



©Robert Agli



©Rich Marrocco



©Bev Murphy



©Nils Eddy



©Don Trask

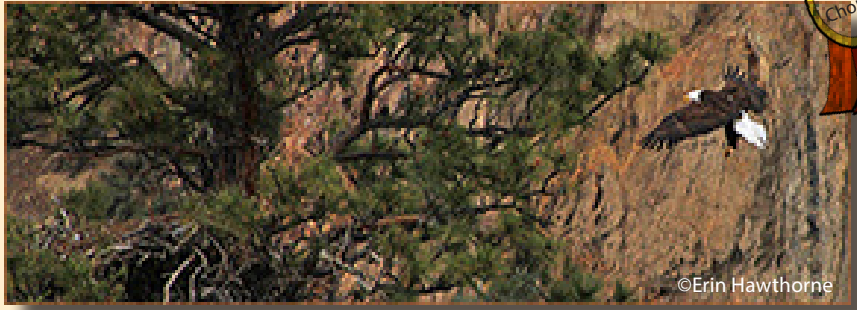
Member Gallery - June
"Location"



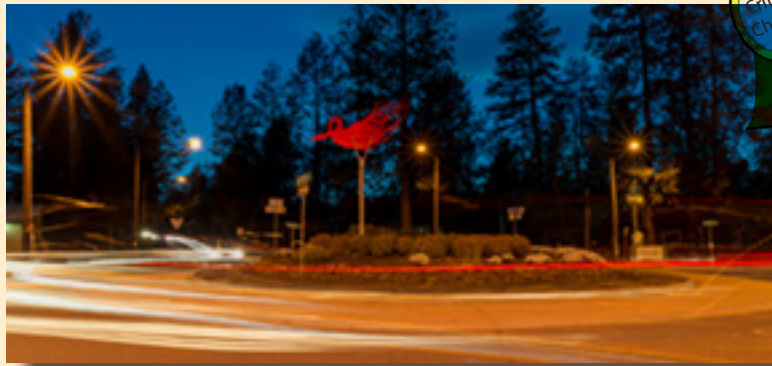
©Sierra Schneider



©Ginger Sanders



Member Gallery -June
"Location"



Member Gallery -June
"Location"



Member Gallery
June
Open Category



AUGUST 18TH PROGRAM MEMBER VIDEO NIGHT

REQUIREMENTS FOR VIDEO SUBMISSIONS FOR OUR AUGUST PROGRAM

Videos may be created with any theme or subject in mind. They should not be longer than 4 minutes. Videos should be formatted in one of the following formats which can be converted to be played on a Mac: .wma, wmv, mp4, or.mov. Quicktime .mov is the format of choice. Videos should not be sized smaller than 1280x720 pixels.

Once your video is ready you should send an email to Mike Jensen at digitalcompetition@cascaedcam-eraclub.org. Mike will send you a Dropbox upload invitation, or if you allow enough time, you can submit a DVD to Mike prior to the deadline. Submissions will not be allowed after the deadline.

The deadline to have approved videos to Mike is midnight August 11, 2014. Mike will approve all submissions based on length, format and ability to play on a Mac. (or convert to the Mac).

NEWS FLASH

Apple Drops Aperture, iPhoto Development in Favor of OS X Yosemite's Photos App

While these applications have never been considered mainstream by the majority of serious photographers there remains a significant number of photographers who will ultimately have to abandon their Apple applications for a new and possibly short lived "update" in Apple's yet to be released Yosemite. This is a good time to consider the industry gold standard - Adobe's Photoshop Elements, Photoshop Lightroom and Photoshop CC.

Adobe's very popular Photoshop Elements can satisfy most of the needs of the casual amateur photographer and the new Creative Cloud subscription service of only \$10/mth for both Lightroom and Photoshop CC makes those programs a "must have" for serious photographers. (by Robert Agli)

JULY 21st - PROGRAM NIGHT ROBERT AGLI

Lightroom, Do You Need It? An Introduction to the Hottest and Most Misunderstood Editing Program in the World

Robert Agli is an Adobe Photoshop Lightroom instructor who teaches at both COCC and independently. He also provides consulting for people struggling with certain aspects of Lightroom.

Join him for this fascinating whirlwind tour through the various modules of Lightroom and determine for yourself if Lightroom is a program that will be an asset for your photography image editing.

Your questions are emphatically encouraged. Try stumping the presenter. It should be easy. And the best stumper might even get a prize.

ANOTHER VIEW by ROBERT AGLI

The Great Color Debacle

I have never relinquished my space in the newsletter to another writer but when you have an expert on color vision volunteer to help explain a subject near and dear to all of us you don't say no!

Rich Marocco began his college career at UCLA convinced he was going to be an astronomer until he discovered a more fascinating world of human vision. He has studied under one of the pioneers of color vision at Indiana University, transferred to UC Berkeley and earned his PH.D. In research on primate color vision and its physiological basis. He was hired by University of Oregon and did research on not only how color and shape are processed by human and primate brains but how visual attention (or lack thereof – attention deficit) affects vision.

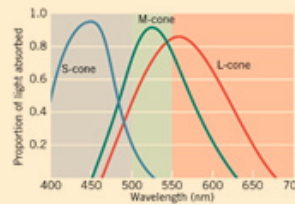
I found the following explanation fascinating and if you agree, let me know. If enough people show interest Rich is willing to give a much more thorough presentation at a program night!

A Brief Explanation of Color Vision By Rich Marocco

In the June Newsletter, Robert Agli stressed the importance of white balances and color spectra. He pointed out that “the brain sees color differently than the camera. Our brain can neutralize the varying color spectrum but cameras can't.” Why not? Both the eye and the camera have 3 types of photosensitive elements that capture light in different parts of the spectrum. So, what's the difference? Before I was a photographer, I was a neuroscientist and I studied color vision for many years. I thought I would give Robert a break from his monthly column and write a piece on color vision. It will be as short as my attention span. If you would like to hear more, let Robert know and I would be happy to present an in-depth program. Understanding how color vision works may not mean that you will take better pictures, but you should be impressed with how awesomely engineered your brain is.

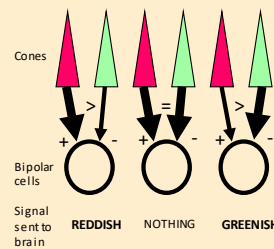
There are three essential components that are required to produce the color vision that most of us enjoy. First, your cone photoreceptors must contain different visual pigments. Second, there must be neurons (cells) in the eye and brain that receive and compare the signals in the cones. And third, there must be “higher order” neurons that integrate color information across large, complex stimuli.

Color vision begins in the retina. Light entering the eye is absorbed by the photoreceptors (rods and cones) and becomes an electrical signal, which is passed to bipolar cells, to ganglion cells, and then relayed to the brain. Most human eyes are trichromatic—that is, there are 3 classes of cones, each of which has one type of visual pigment. Other critters have two cone pigments (dogs, cats, birds, trout), some have four (goldfish, finches) and the owl monkey has only one!



The owl monkey's retina can make no comparisons and has no color vision.

The bipolar cells of the retina weigh the electrical signals of the cones. Some compare the signals from cones with “red” (L cone) and “green” (M cone) pigments while others compare signals from “red” plus “green” and “blue” (S cone) pigments. Vision scientists use the L, M, and S tags because the color names are not accurate, e.g., the “red” cone absorbs best in the greenish-yellow part of the spectrum.



The bipolar cell's task is made possible because the electrical signals from, say, an L cone is positive, while the signals from the M cone are negative. Thus, a bipolar cell that receives a big positive charge relays “reddish” signals to the brain; if the same bipolar cell receives negative charges, it relays “greenish” to the brain. If the signals from the L and M

cones are the same size, they cancel and no color signal is sent. Other bipolar cells receive positive charges from L and M cones and negative charges from S cones. They relay red plus green, i.e., yellow, or blue. Amazingly, this crude type of color differentiation occurs among the second cells along the visual pathway! The ganglion cells amplify the signals and relay the information to the brain's primary and secondary visual cortices where color perception, recognition, and differentiation reach our conscious experience.

The last requirement for our color vision is the higher order cells. These are located in the visual cortex in an area of the visual cortex called V4. One way to understand what they do is to compare them with the actions of the bipolar cells. Bipolar cells signal the color of stimuli for very parts of our visual field, whereas higher order cells integrate these small areas together and provide perceptions that weigh the contributions of large stimuli in different parts of our visual field despite changing viewing conditions. For example, a bouquet of flowers looks pretty much the same in a blue room as it does in a yellow room. The higher order cells discount or, as Robert put it, “neutralize” the light reflected onto the flowers by the walls to maintain a perceptual constancy (the “usual way things are supposed to look”). Camera manufacturers try to mimic this brain function by offering you different filters (daylight, clouds, your white balance settings), but you have to remember to use them! Wouldn't it be great to have a camera that acted like our brains? Rumor has it that Canon's 1D Mark 2,000 will do so...

MONTHLY THEMES

2014

July: Side by Side
Aug. Glitz or Glamor
Sept. Black/White
Oct. Weather
Nov. Water
Dec. Tranquility

Months for Prints
Sept., Dec.

Be sure your image is submitted
by 11:59pm on the Wednesday prior
to the Monday critique

Videos for uploading digital
images can be found on our website
Cascadecameraclub.org

CALL FOR ENTRIES The EPSON

5th International Pano Awards 2014

Dedicated to the art of
panoramic photography.

Professional and amateur photographers
around the world are invited to enter to com-
pete for approximately \$40,000 in cash and
prizes.

Early-bird entries are open now until Sunday
13th July, 2014.

Enter online at thepanoawards.com.

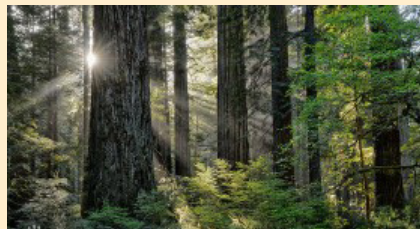


WE'RE COMING BACK TO
VEGAS BABY!

The world's largest Photoshop, Lightroom,
and photography training conference is
back September 3-5, 2014

[http://progressive.kelbymediagroup.com/
photoshopworld/pswlogo.png](http://progressive.kelbymediagroup.com/photoshopworld/pswlogo.png)

The Art of Time Lapse Photography
Cascade Center of Photography



with Mike Jensen July 17 & 19, 2014

[http://www.ccophoto.com/course-
level-intermediate/art-time-lapse-
photography/](http://www.ccophoto.com/course-level-intermediate/art-time-lapse-photography/)

Art Wolfe's Workshops Abstract Photography Workshop:

Cannon Beach, Oregon
Aug 8-10, 2014

Rolling Hills of Wheat:

Palouse, WA
August 15-17, 2014

SOME COCC PHOTOGRAPHY AND PHOTO EDITING CLASSES FOR SUMMER

Basic Photography

Robert Agli 9:00am-4:00pm

Sat. 7/19

Ralph Delamarter 9:00am-noon

Thurs. 7/24 & 7/31

Intermediate Photography

Robert Agli - 8/2 & 8/9

9:00am-1:00 (8/2)

8:00am-1:00 (8/9)

PS Elements-Beginning

Ralph Delamarter: 1:00pm-4:00

Thurs. 7/10 & 7/17

Ralph Delamarter: 6:00pm-9:00

Tues. 7/22 & 7/29

PS Elements - Intermediate

Ralph Delamarter: 6:00pm-9:00

Tues. 8/12 to 8/19

Head out to Oregon's natural crown jewel,
Crater Lake National Park, with Sean Bag-
shaw & Christian Heeb

Cascade Center of Photography



[http://www.ccophoto.com/crater-
lake-national-park/](http://www.ccophoto.com/crater-lake-national-park/)

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