



March 2021  
Volume 19: Issue 3

## IN FOCUS



### PRESIDENT'S MESSAGE

Happy March to all of you.

With you I am looking forward to spring and the photographic opportunities that come with it. I challenge all of us this month to photograph something that we have never photographed. We might even have to go to a place that we have never been in order to do that.

I made an interesting observation about my photography while shooting for this month's theme. I had issues trying to get the lighting correct when it dawned on me that it might be a good idea to bracket. I have gone quite a few months of photographing without bracketing any shots. Don't know why. After uploading this month's images I realized that I had more options for post processing just because I bracketed. It might be an idea for us all to think about what we are not doing when photographing that we have done successfully in the past. You might not be doing something that worked very well for you. Happy shooting!!!  
Jack



*"King Tide ©Julie Furber  
Theme "Rugged"*

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

Our meetings are usually held at the Bend Senior Center, 1600 SE Reed Market Rd, the First and Third Monday of each month (except September). Currently do to the Covid19 virus, the Senior Center is closed. Our monthly critiques/programs are being held online. See website for instructions. We will resume our normal meeting routine when possible.

Website: [cascadecameraclub.com](http://cascadecameraclub.com)  
Email: [cascadecameraclub.com/contact/](mailto:cascadecameraclub.com/contact/)

## FEBRUARY SUBMISSIONS

**February Critiquer**  
**Abbott Schindler**  
Theme Was "Rugged"

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

### Theme:

Robert Agli	Ridden Hard
John Aylward	Off the Beaten Path
Bob Bush	Rough Seas
Jim Dunn	Cliff's in Winter
Blanche Feekes	Half Way Up
Jeannine Florance	Intrepid River Floaters
Julie Furber	King Tide
Mike Gallagher	Beyond Rugged
Shireen Gastineau	Rugged Smooth
Joe Hudspeth	Hug Point Road
Larry Hudspeth	Frozen Ruggedness
Bev Murphy	Rugged Pacific Coastline
Judy Neill	Old 1942 Manure Spreader
Joyce Norman	Rocks at Sunset
Michael Rouse	Self Reliant
Brian Russell	Buffalo
Ken Sandine	Oregon's Rugged Coast
Jack Schade	A Rugged Sport
Dan Schafer	After 500 Million Years a Drink
Cami Staskal	Don't Mess With Me
John Stewart	Woman with Leprosy
Todd Towell	Battle Scars
Greg Waddell	These Hands
John Williams	Skin Armor
Jana Zvibleman	Rugged Child Fresh Stone

### CRITIC'S CHOICES

**Bob Bush**  
**Julie Furber**  
**Dan Schafer**  
**Cami Staskal**  
**Todd Towell**

**Critiquer for March**  
**Bev Murphy**



©Joe Hudspeth



©Jeannine Florance



©Larry Hudspeth

February Theme Images  
"Rugged"



©Mike Gallagher



©Joe Hudspeth



©Cami Staskal



©Brian Russell



©Blanch Feekes

February Theme Images  
"Rugged"



©Dan Schafer



©Jana Zvibleman



©Bob Bush



©Joyce Norman

February Theme Images  
"Rugged"



©John Williams



©Ken Sandina



©Jim Dunn



©John Aylward



February Theme Images  
"Rugged"



February Theme Images  
"Rugged"



©Robert Agli



©Judy Neill



©Bev Murphy



©Shireen Gastineau



# CONGRATULATIONS CASCADE CAMERA CLUB ON YOUR 75TH ANNIVERSARY

To All Members,

This is the February update to our upcoming 75th Anniversary Talks series. As a member, you will be able to join these talks without charge. We plan to send you a link around March 1 so you may **register for the Zoom webinar**.

Our webinar program is limited to 100 participants, so we encourage you to register early. We plan to record each presentation and make them available on the Cascade Camera Club website for three months should you be unable to attend or more than 100 participants register ahead of you.

Please feel free to forward this message - or send your own message - to photography friends who might be interested in joining the club and accessing these talks. They can join at <https://cascadecameraclub.com/join-the-club/>. As a member, they also have access to presentations that they might have missed.

March 15  
April 19  
May 17  
June 21

Justin Black  
Bruce Barnbaum  
Guy Tal  
Noppadol Paothong

Developing Your Creative Vision  
The Art of Photography  
Creativity and Expression in Photography  
Sage Grouse – Icon of the West

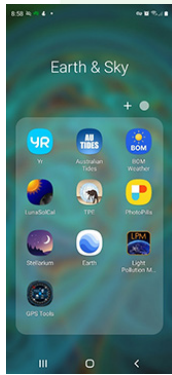




# DAN AND JEANNIE'S AUSTRALIAN ADVENTURES

Planning Tools by Dan Schafer

Jeannie and I are finishing our month-long stay in the fishing village of Patonga and will be on the road again for the month of March, heading to the Snowy Mountains and a climb of Australia's highest peak—Mt Kosciuszko (not really that high), and staying at southern New South Wales coastal cabins along the way. There are a ton of seascape, waterfall and landscape photo opportunities on this trip, and I'm currently doing some planning of photo shoots. Since that's on my mind, I thought I'd take this opportunity to write about some of the tools I use.



In the screen shot of my "Earth and Sky" apps folder, you can see my weather and tide apps on the top row. The **YR** weather app is particularly useful for detailed cloud information (low, high, and fog) by hour (at least on the desktop version). The **LunaSolCal** app is a calendar of sky information, including times for "golden hour", "blue hour" (ooh la la!), astronomical twilight, and so on. The **Photographer's Ephemeris** (TPE) is great for judging the position of the sun, moon, and Milky Way relative to geographical features at any given time. **PhotoPills** is similar, and I especially like it for seeing where and when the Milky Way will be visible. **Stellarium** is a good night sky app. I use **Google Earth** for identifying precise shooting locations (often by looking at the photo layer), visualizing the landscape (a really cool feature; see below), and pinning locations of interest for future consideration. The **Light Pollution Map** is for judging the suitability of night sky photography, and the GPS Tools app includes a handy compass.

Here's an example from Oregon. A few years ago, I wasn't aware of photographs showing Mt. Hood above White Water Falls, and wondered whether there was a location on the hill east of the falls where the mountain was visible and directly in line with the falls. With



Google Earth Pro in "ground level view" I scrolled around to find the scene shown in the first Google Earth screenshot to the right side

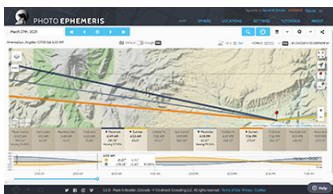
I pinned that location on the map (yellow pin in the screen shot to the left) and did a little exploration to figure out if I could actually walk there.



With that information, I went for a winter sunset, coming away with the image to the right.



Here's an interesting question for further investigation: Would the Mt. Hood from this view?



I've included a screenshot from the Photographer's Ephemeris, with a red pin at the same shooting location, showing sun and moon at 6:30am on March 27, 2021. The At 6:30 it will be 3 degrees above the horizon just to the south of Mt. Hood (the faint blue line). At 6:49 it will set right at the base of the mountain (the darker blue line). (The bright orange line indicates sunset direction.) The blue hour, according to LunaSolCal, lasts from 6:28 to 6:48, and sunrise is at 7:03. Hmm... interesting possibility for end of blue hour...multiple exposures...pre-dawn glow on Mt. Hood...

moon ever set in the vicinity of rapher's Ephemeris, with a red ing information about moon moon will be 98% full that day.

A fun thing to do with the Photographer's Ephemeris is to find a moonset "foreground" (1 day before full moon), like the Three Sisters or the Tower Theater sign, or a moonrise location 1 day after full moon, such as on a straight stretch of Highway 20, and work backwards to find a shooting location. I did that when I was in Oregon and occasionally the weather cooperated.

Here are some uninteresting notes on a few of our upcoming stops: (1) Putty Beach rock shelf ~ Mar 3. Sunrise 6:44am; get there by 5:44; take headlamp; low tide 6:03am. (2) MacMasters Beach Rock Pool directly in front of rising sun ~ Mar 8. Sunrise 6:48am; get there by 5:48; high tide 5:04am. (3) Cathedral Rocks from sea cave, Kiama Downs Mar 9-10. Sunrise 6:49. Sunset 7:19. Tues: High tides 6:08am, 7:08pm; Wed High tides 7:05am and 7:56pm. Also Basalt Columns of Bombo Quarry and Milk Way reflections (best MW visibility 12-3am, facing ESE) and Boneyard Falls if swells are high. You get the picture. Well...not yet. Maybe next month!

# Another View By Robert Agli

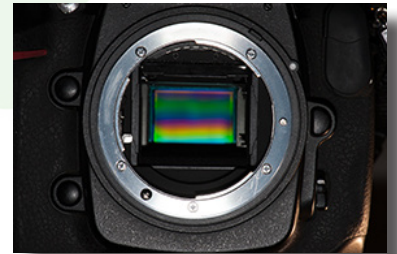
## THE SENSOR CONSPIRACY IS IT REAL – SORT OF...

Anyone who actually takes the time to read the owner's manual for their new camera will typically run across a paragraph on sensor cleaning. After reading said paragraph the conscientious reader will be convinced that cleaning your own sensor is akin to performing do-it-yourself brain surgery. I understand the thinking of camera manufacturers. There are, among our population, a percentage of people who see nothing wrong with using their breath to blow dust off the sensor and this is after a year of non-stop communication explaining that our breath contains droplets of moisture that could be deadly. Those same droplets may not be deadly to the sensor but you certainly are not helping the situation. The tail of your shirt or a bent toothbrush are also not appropriate for sensor cleaning. The camera manufacturer's fear tactics have worked so well people are terrified to attempt to clean their sensors and they ship the cameras back to the manufacturer for cleaning or use a third party service facility for a healthy fee.

There is some good and bad news. With the introduction of mirrorless cameras cleaning the sensor has become significantly easier. The chamber necessary for the mirror on a DSLR is no longer an obstacle. However, the close proximity of the sensor

to the lens mounting ring of the camera means the sensor is more susceptible to damage and attracts more airborne particulate when changing lenses. Resolving these issues is very simple. Let gravity help. Point the lens side of the camera toward the ground when changing lenses. This will result in significantly less doo-doo on your sensor but not all...

Back in BC (before covid) when I could teach classes, I insisted that everyone in the class learn how to clean their sensor. Keep in mind you are not actually cleaning the sensor but the high quality optical glass in front of the sensor. The cleaning process is no different for mirrored cameras but you do have to work at the back of a small tunnel and it is mandatory that you learn how to lock up your mirror and start with a fully charged battery.



How do you know when to clean your sensor? Enlarge your image and look at clear skies and you will see fuzzy dots or in some cases wormlike bits.

### HERE ARE THE STEPS OF WHAT YOU NEED AND HOW TO USE THEM TO CLEAN YOUR SENSOR

1. Buy a good quality sensor loupe so you can properly inspect the sensor - The best ones are about 7X power and have built in led lights.
2. Buy a bulb blower – the large Giotto Rocket blower is the industry standard
3. Buy a sensor brush specifically designed for sensor cleaning
4. Invest in the supplies for wet cleaning – sensor pads and cleaning fluid
5. Go to [Micro-Tools.com](http://Micro-Tools.com) for a detailed blog on sensor cleaning and a good resource for supplies. Click on the Sensor Cleaning menu tab.



Note: For those who don't want to buy a sensor loupe you can perform the cleaning and then take a shot of a blank wall or clear sky at f/22 or f/11 and open the photo on your computer, enlarge it to 100% and inspect the entire image. It's slower but cheaper than buying a sensor loupe.

### CLEANING PROCESS

1. Aggressively blast air on the sensor with the blower. DO NOT at anytime allow the nozzle to get closer to the sensor than the lens mounting ring. Check for dust and repeat. Multiple attempts are not uncommon.
2. If you still have dust switch to the sensor brush. The brush works by electrostatically picking up the charged dust particles.
3. If you still have dust it's probably pollen (notorious in Central Oregon) and it's genetically evolved to stick. This calls for the employment of the wet method which uses a swab specifically designed for sensor cleaning and looks like a Q tip on steroids. A drop or two of sensor cleaning fluid is applied to the swab and swept over the sensor and then discarded.

Micro Tools has an excellent tutorial that will take you through all the steps. I don't have the space to get into all the very important details. If you think of the sensor as a small lens filter and approach the process with at least the same level of care you really can't get in trouble.

Check out this youtube link sent by John Stewart. It shows the world's greatest photographers which could give us all, additional inspiration.

<https://youtu.be/CleRW-xXsJI>

## Nature Photographers of the Pacific Northwest

Volunteer Judges Needed  
for Virtual Meeting - April 3, 2021

NPPNW will hold its second virtual meeting on Saturday, April 3. The meeting will run from 9:00 a.m. until approximately noon. We need volunteer judges to help make this meeting become a reality.

JUDGES: We will need three judges for each category of the digital print competitions: Plant Life, Scenic, and Wildlife. For this virtual event, the judging will occur in advance between the dates of March 22 and March 27. Judges will be provided access to an online gallery of images, scoring guidelines, and a score sheet. Please contact Mary Pinon at [imagesbymfpinon@gmail.com](mailto:imagesbymfpinon@gmail.com) if you are willing to serve as a judge.

## CLASSIFIEDS

**FOR SALE - Autel EVO II Drone**  
New - still in the box - \$1000.00

**Fly before you buy**  
**I can give beginners some tips to get you started**  
**Has been updated to the latest firmware**

Benefits of an Autel drone: No geofencing, 30-40 min flight time per battery, 360' obstacle avoidance, Mission planner built in, Raw-jpg; Log videos, 3.5" controller screen so no phone needed, 48mp 8K camera, 4K HDR video, Hyper-lapse, Boat mode, mapping, amazing stability in the wind and much more... I am selling only because I have two Evo's.

For details:

Autel website: <https://auteldrones.com/pages/evo-ii-detail>

**Contact:** Joyce Norman -541-480-4478

## CASCADE CAMERA CLUB

### 2020 OFFICERS

[cascadecameraclub.com](http://cascadecameraclub.com)

**Jack Schade**  
President

**Bob Bush**  
Vice President

**Secretary**  
Jeannine Florance

**Larry Hudspeth**  
Treasurer

**Shireen Gastineau**  
Member-at-Large

**Robert Agli - Program**  
Co-Chairman

**Brent McGregor - Program**  
Co-Chairman

**Ruth Baker - Membership**  
Chairman

**Ralph Delamarter**  
Multi Media Chairman

**Bev Murphy**  
Communication Editor

**Jim Sellers**  
Audio Chairman



## THEMES FOR 2021

Mar ..... Broken  
Apr ..... Abstract  
May ..... Doors  
Jun ..... Curves  
Jul ..... B/W  
Aug ..... Paint w. Light  
Sep ..... Insects  
Oct ..... Reflections  
Nov ..... Weather  
Dec ..... Solitude