



DIGITAL FOCUS

Newsletter of the Calumet Region Photo Club

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Editor: Dave Dornberg

Upcoming Meeting

Tuesday, July 20, 2021 at 6-9PM – CRPC will host its annual picnic at the Veteran's Memorial Park Pavillion in Munster. This will be our first in person meeting in over a year!

President's Letter

By Gail Scott

Hello Everyone,

I imagine everyone is so excited to have the opportunity to be able to get outside and shoot. The days are going to be longer so there will be some great opportunities for sunset photos and just photography in general!

The year-end competition was held on May 25 and congratulations to all the winners listed below.

Here are the end of year results for Class B in color and mono

Color Awards:

Suet Thief-----Loyce Fandrei
Bar Harbor Lighthouse--Richard Baltrus
Tree Frog In Costa Rica--Thea DeVries
Eye Of A Water Lily----Thea Devries

Green And Gold Butterfly-Jackie Huppenthal Best Of Show

Monochrome Awards:

Tower Bridge---Karies Carter
Widow Skimmer--Loyce Fandrei
Forging-----Richard Baltrus

Beautiful Rose---Richard Baltrus Best Of Show

Here are the end of year results for Class A in color and mono

Color Awards:

Striking A Pose---Al Alvis

Dizzy Lily----Michael Kobe

Lily-----Richard Fox

Female Red-Bellied Woodpecker--Al Alvis Best of Show

Monochrome Awards:

Barn Owl-----Al Alvis
The Happy Garbage Picker--Louisa Murzyn
Perched On A Rock-----Richard Fox

Great Horned Owl Portrait--Al Alvis Best of Show

Here are the Awards in Specials for Class A and B

Class A:

Great Blue Heron Sentry---Michael Kobe
Something For Breakfast---Richard Fox

Orania Lily---Michael Kobe Best Of Show

Class B:

Tempting Fate-----Loyce Fandrei
Calico Pennant---Loyce Fandrei Best Of Show

There were so many wonderful images to view this past year. Everyone grew in their abilities and knowledge, which showed in their images. I hope many more will share their talent with us in next year's competitions and mentoring evenings.

We are looking to present some great educational programs next year at our new meeting location, the Munster Community Park and Social Center, located at 8751 Lions Club Dr. Munster, IN. The club has used this location for meetings in the past and are thankful we were able to

secure the space again. The reason for the move is that the Fairmeadow Community Church decided to discontinue our rental agreement with them. Many thanks to Michael Kobe for working with the Park District to access this space.

The Lake County Fair photo contest will be held in August. For those who are interested in entering and need mat boards: Dennis Grey will be bringing mats to our July 20 picnic. Anyone wanting to buy mats for use at the Lake County Fair (or any other possible uses) can purchase the mats at this time.

I am sorry to have to tell you that I will be taking some time off from the responsibilities of President. I am in the midst of a family medical situation and don't have the bandwidth I think is necessary to give to the club. Vice President Loyce Fandrei, with the help of the board and others, will keep you all abreast of activities.

I hope you all can join in some fun outings this summer to go out and shoot together. There is always so much in our area to photograph. I have always wanted to go down to the Aquarium and shoot the city from that site, sunsets in Michigan City, the dunes and more. Enjoy the summer!!

Mounting Boards for Sale

Black mat mounting boards will be available for purchase by CRPC members at the annual picnic on Tuesday, July 20, and at most in-person club meetings that follow.

11"x14" boards - \$1.25 each

16"x20" boards - \$1.75 each

To expedite the sales process, please email Dennis Gray (dennisw.gray@gmail.com) the number of boards you would like to purchase.

Digital Bits & Bytes The Tech in Photography

By Dave Dornberg

I was listening to one of our presenters a few months ago and when he started discussing crop sensors I thought to myself, here we go again and sure enough, he made it sound like a 100mm lens on a 1.6 crop sensor was the same as a 160mm lens which is incorrect. I felt one of my former photographic mentors pulling my sleeve and saying in my ear that a 100mm is a 100mm no matter what size the crop sensor is though there were no such things as digital cameras when I shot advertising in my first job.

I once again told the presenter the same and said the field of view is like that of a 160mm lens, but the magnification of the lens is unchanged!

Here are some terms all of us may wish to study whether

we are advanced or just starting out in photography. These are pulled from one of my 2016 newsletters.

[Lens Confusion Between Full Frame Sensors and Crop Sensor Cameras](#)

Focal length on full frame sensor cameras and that of the APS-C cameras which may be x1.6 for Canon and x1.5 for Nikon, Pentax and Sony. Many people will say that the focal length of the lens is multiplied by the crop of the sensor which would be incorrect because the focal length does not change whether you place it on an 8x10 view camera, a 35mm camera (full frame) or an APS-C camera. 100mm is 100mm. What does change is the field of view or FOV for a given sensor.

The following link gives a very clear explanation and clears up the confusion of the terms above.

[Crop Sensor \(APS-C\) Cameras and Lens Confusion \(bobatkings.com\)](#)

[Lens Diffraction at Different Apertures](#)

Many beginning photographers hear or read that when shooting landscapes, one needs to stop down to F22 or F32 to obtain a sharp foreground and background. They then try the same concept with close-up or macro photography and cannot understand why their images are soft. Stopping the lens down to the smallest apertures to gain maximum depth of field may work for landscapes, but this type of thinking will cause problems when shooting other types of subjects.

For an article written in clear concise terms, see the link below:

[Diffraction and Optimum Aperture - Format size and diffraction limitations on sharpness \(bobatkings.com\)](#)

[Consumer versus Pro Lenses](#)

People just starting to learn photography ask the question, which lens should I get? I ask them what kinds of subjects they want to photograph? The next question is how much are they willing to spend on the lens? Many starting photographers don't realize there are two types of lenses, the consumer and the professional. The cost difference between the two can be twice as much for the professional versus the consumer. A Canon 75mm-300mm F4 III lens costs \$199 while the 70mm-300mm F4L IS USM in the professional class costs \$1349.

The link below explains the difference between the consumer and professional lenses.

[Why Are Some Lenses So Expensive? \(photographylife.com\)](#)