

Calumet Region Photo Club

December 14, 2010

<http://www.calregphoto.org>

Volume 2, Issue 4

Meeting Information

Calumet Region Photo Club meetings are held the 2nd and 4th Tuesday of each month. The 4th Tuesday is competition night. Meetings are from 7:00 PM to 9:00 PM at the Munster Social Center located in Community Park at 8751 Lions Club Drive.

Topic Presenter

The December 14, 2010 meeting will be our holiday potluck party. Members are asked to bring their cameras for a "Know Your Camera" session.

The January 11, 2011 meeting topic will be: "Snowflakes and How to Capture them Digitally" by Dave Dornberg.

Magazines/Books/CD's/DVD's

If you have old photo magazines, books and training DVD's that you would like to donate to our club's library, please bring them to the next meeting. The materials should be given to Don Kopenec. If you have questions, please contact Don at Donaldk992@aol.com. To check out what's available, please see our website.

Calumet Region Photo Club – Photography Clinic

On Saturday, February 19, 2011, we will once again be sponsoring and hosting a photography intensive clinic.

Cost: \$55 for members and \$75 for non-members (lunch included)

Location: Center for the Performing Arts, 1040 Ridge Road, Munster, IN 46321

Time: 7:30 AM to 3:30 PM

Topics and speakers are as follows:

- 10 Quick Creative Things You Can Do in Photoshop by Mark Southard
- High Dynamic Range the Easy Way by Jerry Hug
- Enhancing your Photos by Bailey Donnally
- Lighting Systems: How to Select and Use the Correct One by Barrett McGivney
- Add Pizzazz; Photoshop Not Required by Lou Nettelhorst
- Macro Photography by Donald Bolak

Munster Parks and Recreation Activities

Members of the CRPC are encouraged to photograph activities of the Munster Parks and Recreation. To see what events are coming up, please see our Events page on the website. For more information, please contact Vicky Jostes at vjostes@comcast.net

Supplies for Purchase

The club has purchased photo matte boards in the following sizes and prices:

- 11"x14" white matte board w/self adhesive \$.85**
- 11"x14" black matte board w/out adhesive \$.85**
- 16"x20" black matte board w/out adhesive \$1.25**

The matte boards will be available for purchase at all club meetings for those who would like to mount their photos.

Please contact Jim (jrettker@comcast.net) prior to the meeting with the number of boards you would like to purchase.

Field Trips

- **January** – Bald Eagles in Iowa – TBD
- **February** – Peggy Notebaert Butterfly museum, Lincoln Park Zoo & Lincoln Park Conservatory
- **March** – Bird photography at Wolf Lake, Illinois side with Michael Topp

Activities

- **January 15, 2011 at 10:00 AM** - "Know Your Canon Camera" – members are asked to bring their Canon camera and manuals to this session to learn how to use the features on their cameras – limit 12, Fee \$5 for refreshments
- **January 29, 2011 at 10:00 AM** – "Learn How to Shoot Macros" – members will learn the types of equipment needed to photograph insects, snowflakes, flowers and other miniature subjects that most people never even see. Limit 12, Fee \$5 for refreshments.

Digital Bits & Bytes

Macro versus Close-Up Photography

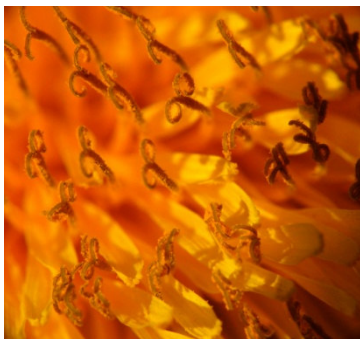
Close-up photography is defined as a subject that is 1:2 to 1:10 or one half to one tenth the size of the subject matter.

Macro photography is defined as magnification of the subject from 1:1 (life size) to 10:1 or ten times life size.

To shoot close-ups, a photographer needs a point and shoot or a DSLR camera and a lens that will focus down to a couple of feet. Almost all digital cameras these days have a close-up setting in the form of a flower on the dial or in the setup menu.

Macro photography calls for more specialized equipment to photograph at life size or larger.

A point and shoot camera fitted with a 35mm normal lens attached in reverse is a bit cumbersome, but can be used to shoot subjects as small as stamens inside a flower as shown below.



Stamens inside a dandelion - 1:1, Canon Powershot G3, using reversed 50mm lens

A DSLR camera is much more flexible for macro photography, but the equipment is more expensive and a sturdier tripod is needed to hold the camera absolutely still.

A macro lens in the 50mm to 200mm range is needed. A 100mm or longer lens allows the camera to be moved back from the subject matter. Most of these lenses will allow images of 1:1.

To obtain more magnification, extension tubes are normally used. An extension tube or tubes are placed between the camera and lens.

Kenko is a popular brand because they are reasonably priced and easy to use. Kenko tubes come in 12mm, 20mm and 36mm. Using the set together allowed me to capture this aphid sitting on a lantana flower petal.

This aphid could step through the eye of a needle.



Aphid sitting on lantana flower petal
Canon 20D, 100mm macro and 65mm of extension using Kenko lens set and flash

For shooting snowflakes a more specialized lens such as the Canon 65mm MPE is needed. This lens shoots at magnifications between 1:1 and 1:5 or 5 times life size. This lens however is more complicated to use because the lens can't be focused in the usual way. The entire camera must be physically moved back and forth to focus which requires a focusing rail and a wireless or wired shutter release too.

The hoarfrost image below was shot with such a set up.



Hoarfrost crystal, 1:5, Canon 20D, Canon 65mm MPE

