



Stan Kirschner

GARDEN PHOTO TALK

A Publication of the Garden
Photographic Society
December 2016 Vol. 31 - 5

President - Howard Frank
Editor: Marty Winn

Web Site

www.gardenphoto.org

NOTE - THIS IS OUR NEW WEB SITE

Facebook

[www.facebook.com/gardenphoto
graphicsociety](http://www.facebook.com/gardenphotographicsociety)

GARDEN PHOTO SOCIETY HOLIDAY PARTY

Where? Jewett Park Community Center
836 Jewett Park Drive
Deerfield, IL

When? Thursday, December 8

Time 6:30-?

What would you like to bring?? Contact **JILL DORFMAN** at
847-945-9348 or **TAMI BEVIS** **847-508-2648**

F/stops - Ron Rubenstein

f/stop definition: The **f**-number of an optical system is the ratio of the lens's focal length to the diameter of the entrance pupil. So a 50mm focal length lens with an aperture diameter of 25mm would create an f/stop of f/2 (50mm/25mm).

According to an article by Matthew Cole that I read: "*the f/stop (or aperture, the terms are interchangeable) remains a source of confusion and mystery to many photographers, even to some who use it all the time*".

I believe there are two reasons for this confusion regarding f/stops.

1. The smaller f/stop number let in more light than the larger f/stop number. For example, f/2 lets in more light than f/16. Logically it seems the reverse should be true.
2. The f/stop series contains funny numbers like 1.4, 2.8, and 5.6. Where do these numbers come from?

Dealing with the first reason, I believe the best way to think about f/stops is to think of them as fractions. Then it makes sense that the larger numbers let in less light. 1/16 is smaller than 1/2. You'll notice that f/stops are usually written as fractions – f/16 and f/2.

Reason Number 2 - Where do the funny number come from.

(f/1, f/1.4, f/2, f/2.8, f/4, f/5.6, f/8, f/11, f/16, f/22)

The f/stop sequence represents a progression of double and halves. If you move from left to right on the sequence the amount of light reaching the sensor is halved. If you move from right to left the amount of light reaching the sensor is doubled.

You may wonder why the sequence isn't 1,2,4,8 etc. It has to do with the formula for the area of a circle. ($A = \pi r^2$). In order to double the area you have to multiply by the square root of 2 and that is 1.4. In order to halve the area you divide by 1.4.

Other concepts relating to f/stops:

What is a fast lens? A fast lens is one that has a large maximum f/stop (f/2) and therefore can be used with a faster shutter speed. A lens that has a maximum f/stop of f/5.6 would be a slower lens.

Depth of field:

Larger f/stops (e.g. f/2) give a shallow depth of field whereas smaller f/stops (e.g. f/16) give a longer depth of field.

Opening up and Stopping down:

Opening up refers to going to a larger aperture (smaller f/stop number, e.g. f/2) and stopping down refers to going to a larger f/stop number, e.g. f/16)

Why don't you see the aperture change when you change from one f/stop to another?

Most of the lenses that we use are automatic lenses. They remain on the largest aperture until we press the shutter button. Staying on the largest aperture allows the most light to enter the view finder and makes focusing easier. Then the lens closes down to the selected f/stop and reopens after the shot is taken. If your camera has a depth of field button, you can press it down and then the aperture will change as you rotate the f/stop dial.

The maximum f/ stop is marked on the lens. On many zoom lenses, the f/stop changes as you zoom and this range is shown on the lens (e.g. f/3.5-5.6). Some zoom lenses have a constant f/stop and these zoom lenses tend to be more expensive.

Facebook

If you are on Facebook go to

www.facebook.com/gardenphotographicsociety

Post photos and events of our club

If you are not on Facebook and want to join, go to www.facebook.com, go to the help section and find out how to get on.

Web Site - www.gardenphoto.org

Check out our new web site developed by Juan Reyes. It is a work in progress so let us know of anything you would like to see posted on it.

Calendar for 2017 - Lara Joy Brynildssen

December 8 - Deerfield Park District building - Christmas Hannuka Party

January 5 – Competition – Pullman Room

January 19 – Morocco - by Tony Reynes and Lara Joy Brynildssen.

February 2 – Competition – Pullman Room

February 16 – Just-for-fun DPI image sharing evening with the theme: Cold. We'll look at and discuss all the submitted images then vote for the most creative, most unusual, simplest, etc. Silly prizes will be awarded.

March 2 – Competition – Pullman Room

March 16 – : Care & Maintenance of Camera Equipment - Tony Reynes.

April 6 – Competition – Pullman Room

April 27 – Jim Welninski , Black & White Photography - Auditorium

May 4 – Program – Auditorium

May 18 – How and why you shot this image. Four members speak for 15-20 minutes each to share their creative process from shoot to final image. Each member must have his/her own laptop.

Member 1: Bob Marin Member 2: Lara Joy Brynildssen Member 3: Tony Reynes
Member 4: ??

June 1 – Salon – Pullman Room

June 15 – End-of-Year Banquet (off-site)

July 13 – Garden Meet up/Board Meeting in Pullman

August 3 – Garden Meet up/No room booked

September 7 – “State of the Club” includes fall ’17 welcome, new members, volunteers needed, review of upcoming monthly themes, programs and competitions as well as changes to Nature in View.

September 28 – : Member Critique Night – focus on CACCA monthly theme: Members bring 3-5 images each – print or digital, break up into small groups, describe the goal of their work, discuss and receive feedback.

October 5 – Competition – Pullman Room

October 19 – : Your favorite place to shoot within 50 miles of Chicago. Four members speak for 15-20 minutes each to share where they love to shoot in Chicagoland, why they love to shoot there, and tips on making the best of that location. Each member must have his/her own laptop.

Member 1: Tony Reynes Need 3 more

November 9 – Competition – Pullman

December 7 – Holiday Party (off-site)

Instructions for Joining the Garden Photographic Society e-mail list Doug Bank

- 1) Send an email to gardenphoto-subscribe@yahoogroups.com. You do not need to type anything into the subject or body of the email.
- 2) Wait. It might take a few minutes or even a few hours to get a response from Yahoo.
- 3) Eventually you will receive an email with the subject: "Please confirm your request to join gardenphoto"
- 4) Reply to this email. All you need to do is hit reply and send. You do not need to type anything. You do not need to open the email or click on anything) Eventually you will receive another email with the subject: "Welcome to gardenphoto" Keep this email. It explains how to find the group, how to send mail to the group, etc.

Nature in View Exhibit - October 6-29, 2017 - Anne Belmont

The 2017 Nature in View guidelines were emailed to everyone via the yahoo group in early November. If you did not receive the guidelines or have any questions, please email Anne Belmont at anne.f.belmont@gmail.com.

Garden Photo Society Officers and Committees

President - Howard Frank
PIT – Paul Cherner
Treasurer - Rich Fisher
Programs – Lara Joy Brynildssen
Outings – Tony Reynes
Web Site - Juan Reyes
PSA Coordinator - Marti Buckely
Hospitality - Tami Bevis
Yahoo Group – Doug Banks
Print Committee - Karen Frischman, Betty Wong
Print selection for CACCA - Karen Frischman
DPI Committee – Rich Fisher, Bob Marin
Competition Support - Scorekeeper– Don DeDonato, Ron Rubenstein
Competition Standings - Bob Marin
Print Entry Labels – Gerry Ritchie
Mounting Boards - Donald Horwitz
New Members – Laura Dudnik (Member badges and membership list)
Garden Liaison - Anne Belmont
CACCA Representatives - Peggy DiPietro, Betty Wong and Joan Johnson
Judge Procurement – Paul Cherner
Garden Show - Anne Belmont, Maria Rebelo, Lara Joy Brynildssen
Equipment Set up ??
Awards Dinner (June) - Peggy diPietro
Christmas, Hannukah Party – Tami Bevis
Newsletter - Marty Winn
Facebook - Lara Joy Brynildssen

Garden Photo Talk Gallery



Don Neal - Infrared image - The Bridge at the Botanic Gardens



Eye contact - Stan Kirschner



Going Up - Stan Kirschner

Google Maps / Earth - Sulawesi, Indonesia - Marty Winn

I published Google photos of Java, Indonesia in the April and June issues of last year. Another large Indonesian island is Sulawesi. It is mountainous, but not all are volcanoes as was Java. The following are photos from Google maps (Panoramio feature) Panoramio is no longer on Google maps. Panoramio on Google maps contained squares on the map. When you clicked on a square, you get a photo taken from that spot (or close by). Google maps now has photos on the bottom of the screen. When you click on one you see the photo, sometimes with a 360 degree view. You can click on the photographer to see more photos from this photographer, not necessarily from the same location. Google Earth still has the Panoramio feature, but it too may disappear.



North Sulawesi volcano



South Sulawesi scene



South east Sulawesi



Girls School



Lake Limbato



Mosque



Crested Macaque



Rice



Bugi Wedding

