



Volume 10, Number 9

September 2008

**Next Meeting:**

Thursday, October 16th, (PLEASE NOTE THE DATE, the third Thursday in October) at Traditions Senior Living Facility, 10 Green Way, off Rt. 126/27, one mile south of route 20 in Wayland, MA. Look for the darkened driveway, Green Way, directly across from Saint Ann’s Church building.

Program for October 16th meeting: Images of Thailand

A presentation by Sue Abrahamsen

Come at 6:30 P.M. for schmoozing and viewing the club’s ongoing exhibit at Traditions. Anyone able to bring prints for hanging, please contact Wayne Hall (978-443-9226) or Betsy Moyer (508-358-2939), or simply bring them to the meeting. This might be a good time to swap out some prints that have been hanging for quite a while.

Please bring five minutes worth of prints, slides, or digital images for member viewing. Here's an opportunity if you wish to have feedback from other members who especially value capturing the world of photography as they see it

**Schedule of Upcoming SVN Program**

- November 13: George and Ruth Brawerman “Florida Colors”
- December 11: Katherine O’Hara “Botswana”

**SVNP Exhibit Calendar**

**Individual Member Exhibits**

SVNP members - please notify Wayne Hall ([wah@waynehallphotography.com](mailto:wah@waynehallphotography.com)) of your upcoming individual exhibits for posting on the SVN website.

<u>Date</u>	<u>Member</u>	<u>Exhibit Location</u>
Sept. 2 – Oct. 15	Warren Bailey	First Parish of Wayland, Route 20 at Route 126, Wayland, MA

Nov. 1-30	Murray and Trudy Drobnis	Wayland Library (foyer) and Framingham Library
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### ***SVNP Group Exhibits***

<u><i>Date</i></u>	<u><i>Exhibit Location</i></u>
Ongoing	Traditions, 10 Green Way, Wayland, MA
Sept. 10 – Dec. 31	Special exhibit on the SVNP website – Images of the Sudbury, Assabet and Concord Rivers
Sept. 14 – Oct. 30	Raytheon Room, Wayland Library

### ***Other Exhibits in which SVNP Members are Participating***

Ongoing	Susan Majors	Longfellow Sports Club, Route 20, Sudbury, MA
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### **Recap of September 11th Meeting:**

- Welcome to new members: Cheryl Dossas, Bob Hart, and Louise Breyer
  
- September 11th PROGRAM: Warren Bailey gave a presentation on Nature Photography in National Parks that he visited on a trip with his father and daughter – Grand Canyon; Zion; Snow Canyon and Bryce National Parks. He contrasted the immensity of many of the rock formations with the intimate delicacy of the many wild flowers and was able to identify a number of the places and formations he saw. Warren recommends the view from on top of a horse, if one has the opportunity to join a group of horseback riders at one of the parks. Warren used a Canon Rebel XTI SLR digital camera with 50 mm and 18-200 mm lenses
  
- The members present discussed the possibility of having a guest speaker sometime in the spring. Henry Weisenburger suggested Karl Schanz of Tewksbury, who will be giving a presentation to the Boston Camera Club (1773 Beacon Street) at its next meeting, on Tuesday, September 23, at 7 p.m. All SVNPers are welcome. Please visit their web site for more information: [www.bostoncameraclub.org](http://www.bostoncameraclub.org).
  
- MEMBER IMAGES: Susan Majors showed images of Rockport and Halibut Point, MA, including beach stones whose colors she manipulated in the computer in an “invert program;” Betsy Moyer showed several shots of a recent trip to Vinalhaven, Maine; and Don Sherman

showed images of the Galapagos Islands. He also talked a bit about a computer program, "Lightroom 2," downloadable free for a 30-day trial period. It was the program used by Warren Bailey to prepare tonight's presentation

- Next meeting's drinks will be provided by Doreen O'Connor.

### ***Items of Interest***

#### ***From Wayne:***

I'm about to build our special SVNP website exhibit featuring Sudbury/Assabet/Concord watershed images. I've gotten a bit of a late start, due to the date change on the Wayland Library exhibit. If you'd like one or two of the images you shared with us at our August meeting to be included in the website exhibit, please Email them to me in the next few days, along with the title(s) you'd like to be used. Format should be JPEG, resolution 100dpi, approximately 600 pixels on the longest side. That should result in a file size in the 50-150 kilobyte range for each image, depending on the amount of detail in the photograph.

Holler if you have any questions or need help.

Wayne

978-443-9226 or [wah@waynehallphotography.com](mailto:wah@waynehallphotography.com)

### ***Field Trips***

Carol Walsh, who is a global traveler and has photographed all over the world, has agreed to organize field trips for SVNP. The first of these will be to the Wayside Inn and Grist Mill on Wednesday, October 15. We will meet at the parking lot across from the Inn at 5:30, a good time of day for light, according to Russ Kirby, and a good day of the week to avoid crowds. Please call Carol on her cell phone if you would like to join us: 781-820-1833. You may also e-mail her at [clesliewalsh@hotmail.com](mailto:clesliewalsh@hotmail.com).

### ***The Oldtown Photo Calendar Competition***

Last call! Registration deadline is Saturday, September 20. But one need only give the title of the entry by that date.

For information & inquiries, or to register, contact: [oldtowncalendar@verizon.net](mailto:oldtowncalendar@verizon.net) or visit their web site at [www.oldtowncalendar.org](http://www.oldtowncalendar.org).

### ***Photographica '08***

The Photographic Historical Society of New England is sponsoring Photographica 70<sup>th</sup> Sale and Show, to be held at American Civic Center, 467 Main Street, Wakefield, on Saturday, Sept 27, 9 – 5, and Sunday Sept 28, 10 – 4. Our own Henry Weisenburger will have a booth at the show, which he describes as a huge photographic flea market. Regular admission is \$5, students (with ID) and seniors \$4. For more information call 781-592-2553 or e-mail [john\\_dockery@hotmail.com](mailto:john_dockery@hotmail.com).

## **TECHNI-CORNER**

### **Magnification Factor**, by Chris Day

Anyone contemplating buying a new digital SLR camera needs to understand the “magnification factor.” So here goes with an explanation. Just bear with me.

#### **SIMPLE RULE:**

To get an idea of the field of view of the image using focal length as a substitute for angle of view, multiply the focal length of the lens by the magnification factor of the camera body to get the equivalent 35mm film focal length.

When film cameras started using 35mm movie film to take still pictures, an image size was selected of 36mm by 24 mm which made best use of the available space on the film. While focal length has to do with the distance that an object at infinity focuses on the image plane with respect to the optical center of the lens, it is a fairly good substitute for the angle of view of that lens, given the specified size of the image. Thus a 50mm lens on a film camera has a diagonal angle of view of 51 degrees

When cameras with digital sensors came to market, the digital sensor was found to be the major expense in the body and that the price of sensors varied with their size. Nonetheless, it was assumed that most photographers would wish to be able to use their present expensive lenses. All but the most expensive digital SLRs use image sensors that are less in size than a full frame film 35mm body. A popular sensor size is APS-C which, mated with the same 50mm lens, would have an angle of view of 31 degrees.

One could then say that the body has a magnification factor of  $51/31 = 1.65$   
I am ignoring the fact that the two sensors have slightly different aspect ratios.

Ignoring the resolution issue, this is exactly what happens when one uses digital zoom!  
The image is cropped down. For a picture and explanation go to:  
[http://potd.chrisempey.com/tips/archives/2006/05/digital\\_image\\_s.php](http://potd.chrisempey.com/tips/archives/2006/05/digital_image_s.php)

#### **More considerations:**

If a lens is used to cast an image upon a screen, it will be seen that the image is circular. This image circle is caused by the limitations of the lens. Any image sensor must be smaller than the image circle or the image will be vignetted. A lens with a large image circle requires sophisticated design and lots of glass. This equals weight and price. Using full frame lenses on APS-C sensors makes the lens heavier and more expensive than it need be.

Some lens manufacturers now make smaller and lighter lenses for D-SLRs with less than full frame sensors to cut down the price. They are just as capable but they cannot be used on full frame cameras without vignetting. Think about this if you think that you may be stepping up to a full frame camera in the near future.

Olympus went one step further and created cameras and lenses around their new “four thirds” standard sensor. This takes maximum advantage of the reduction in size. Initially the market was cool to the idea since one had to use Olympus lenses. However, most of the major lens manufacturers now make lenses to the four thirds standard, (which is an open standard so anyone can use it). These lenses are interchangeable between any camera conforming to the standard, but will not fit a regular SLR body.

Simple but a bit messy really! Chris is available if you have questions: 617-244-6914 or [cday@rcn.com](mailto:cday@rcn.com).

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### ***About the Sudbury Valley Nature Photographers:***

The Sudbury Valley Nature Photography group was formed in October 1995 by enthusiasts from the local area wishing to share informally their interest in and knowledge of photography. An encouraging rather than competitive environment prevails within the group, which includes over one hundred professional, amateur, and beginning photographers.

Although our major interest lies in nature photography, activities of the SVNP group are not confined to nature photography. Programs and activities include a range of subject matter and techniques of interest to all photographers.

SVNP has no formal structure: there are no officers, no competitions, and no dues. Activities are financed through voluntary contributions to the “Paper Plate Fund.”

A monthly newsletter disseminates information via e-mail to members and anyone interested in SVNP. Those who prefer to receive newsletters by U.S. mail should send 12 self-addressed, stamped envelopes to Chris Ridout, 10 Sherman Bridge Road, Wayland, MA 01778.

SVNP meetings are held on the second Thursday of each month, at Traditions, on Route 27, one mile south of Wayland Center, beginning at 6:30 P.M. with refreshments, and include instructional talks, slide presentations, and discussions of slides, digital images, and prints shown by members. The meetings end around 9:30 P.M. Anyone with an interest in photography is invited to attend.

Occasional field trips are arranged to locations as close as Concord’s Great Meadows Wildlife Refuge and as far-flung as Utah’s Arches National Park and Great Smokies National Park in Tennessee.

Please visit our website at <http://svnp.homestead.com>

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Send suggestions and announcements for the newsletter to Chris Rowan – [christopherowan@earthlink.net](mailto:christopherowan@earthlink.net) or 978-443-4587.