

In

Focus

Tri-State Photographic Society

Volume 19

Issue #9

November 2012

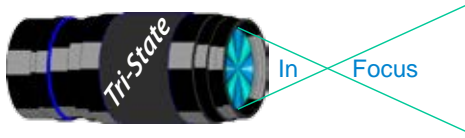


Red Leaf

by Donna Loughry.

Canon XSI - Tamron 18-250mm Zoom +2x teleconverter

Focal Length - 436mm, ISO 100, F11, .3 seconds , on a Tripod.



What is Depth of Field?

“**Depth of field (DOF)** is the distance between the nearest and farthest objects in a scene that appear acceptably sharp in an image. Things affecting DOF are camera-to-subject distance, lens focal length, selected lens f-number, format size, and circle of confusion criterion. The combination of focal length, subject distance, and format size defines magnification at the film / sensor plane.”
(www.wikipedia.com)

Camera-to-Subject distance & Sensor Plane

For the minimum distance from subject to sensor plane do not think, as I have, that this is from the outer end of the lens to the subject. There should be an indication on the camera case where the sensor plane is. The Sensor plane is where you start. This effects the minimum distance/closest distance for which you can take a picture. For example, take a subject that

is 10 inches away. If the minimum distance for your lens is 10 inches from subject to the sensor plane and you have a 5 inch lens, then you have 5 inches from the end of your lens to the subject. *Most animals and insects think that is way too close and will leave the area!* That is why magnification is so important. You can get to an acceptable distance for the animal/insect then zoom in to fill your frame with the object.

If you want a completely blurred out (out of focus) background, then you need to either make your DOF smaller or get into a position where the background is very far away. As you get closer to your object (if it approves) your Depth of Field will get smaller.

There are websites & apps online that will calculate your DOF given your distance, Fstop and Lens. I have a 50mm Lens that I used for the following calculations.

Distance to subject	DOF at F1.8	DOF at F4	DOF at F5.6
1 foot	.08 inches	.19 inches	.26 inches
2 feet	.36 inches	.83 inches	1.16 inches
3 feet	.85 inches	1.89 inches	2.53 inches
4 feet	1.56 inches	3.42 inches	4.84 inches
5 feet	2.4 inches	5.39 inches	7.64 inches

Notice that the DOF increases as you decrease the aperture on your camera. You can use this to make sure that your object is in complete focus. What this tells me is that to keep a small animal/insect in complete sharp focus and not bother them, I should not use my 50 mm lens. By using a longer lens, and setting my aperture appropriately, I can get the animal/insect in sharp focus without chasing them away.

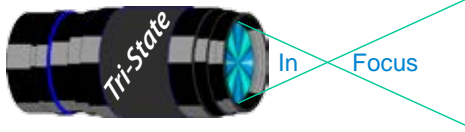
If you want to blur the background, then the farther away from the subject your background is, the more out of focus it will be based on the F-stop you use. The balancing act here is the Lens you use, the Fstop you use as well as your distance to your object

and its background. (I have a tendency to forget about the background.)

I have been practicing this on leaves this fall. The picture on the front page was taken with a yellow tree in the background. I did not want to see detail in the yellow tree but did want to see detail in the red and green leaves in the foreground. Unfortunately, some of the leaves in the near background were moving with the slight breeze. Even with this I find it a very interesting image.

Is this easier said than done? Yes! But that makes the challenge fun! “Practice makes perfect!”

Donna



Observing and/or Photographing the Heavens

The Night Sky in November 2012

November 1 – Jupiter will be above the Moon tonight; they rise in the early evening.

11th – Look for Saturn and Venus at first light; it is to the left of the Moon early in the morning.

12th – Saturn is to the left of the crescent Moon at first light.

15th – Mars is to the upper left of the Moon – low in the southwest at night.

17th – Well, there is another meteor shower tonight. The Moon will not be lighting up the sky; so we might be able to see the shower. (Keep in mind these “shooting stars” are “space junk” and we on the planet Earth are traveling through it and get to see the show. Sometimes this “junk” is the everlasting tale of one of the comets of ages ago. If it’s clear tonight, it should be fun to watch if you can find an “unpolluted” sky – which ain’t easy no more no how! By that I mean pollutions are more and more “light-pollution.” (Sometimes bad grammar makes a point!)

17th and 18th – Venus is the “morning star” and is always a beautiful sight. So get up to see it!

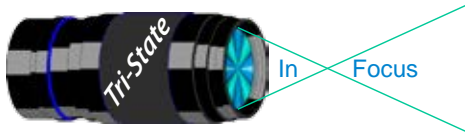
26th and 27th – Venus and Saturn are in the southeast at first light. By golly, this will be worth getting up to see. Saturn is to the left of Venus on the 26th and to its upper left on the 27th.

28th – There is a “faint” eclipse of the Moon tonight. Jupiter is to the lower right of the Moon as it rises. Interestingly enough, Jupiter is near its “maximum brilliance.”

In December, let’s talk about Moons. Ours and lots of others!

(Source: *StarDate Sky Almanac 2012*—We are perennial subscribers even though we don’t use our telescope much anymore. One reason is that it is indeed difficult to find a really black sky. Even down at our Lake house that is not really “near” Somerset, but the light of the city pollutes even on the darkness of the Lake.)

John Deering



How to Prepare An Image For Pdi Display.

Many people have asked over and over again “How do I make my image ready for PDI competition?” This is a description of how I do it which seems to be successful for me.

We all have our favorite way of processing our images - from shooting jpegs to shooting in raw files and making some adjustments ourselves. Note that, *if the image you took is bad, no amount of making adjustments will fix it.* That said, when we display an image, the amount of light, color & contrast falls off depending on the distance between the projector and the wall due to the light scatter in the air amongst other issues. Figure the distance between the projector and the wall, is about 10-15 feet.

On my computer with it's monitor, I prepare my image to my satisfaction. Everyone has their own way of preparing/correcting/editing their images with their favorite software. You can adjust these steps to fit the software you use. Note: Step 4 is an optional step that I use for my computer. The rest of the steps are pretty general.

- 1) **Backup.** Save the image as a PSD file at full size so you can redo the entry file as needed.
- 2) Because I use layers in processing my image, I flatten the image and make sure that it still looks good.
- 3) **Resize the image.** In *Photoshop*
 1. (image/image size), in “pixel dimensions”
 2. set the longest side to 750 pixels.
 3. The shorter size should automatically adjust to less than 750 pixels.

In *Photoshop Elements*:

1. Open the image to be re-sized
2. Image>Resize>Image Size
3. A box will open - The top two boxes will show the image size in pixels.
4. Change the largest size to 750.
5. If the Resample box is checked at the bottom all other adjustments will automatically adjust.
- * Review the image to make sure it looks good

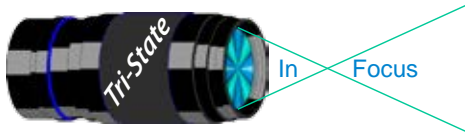
- 4) (*My optional step*) This next step may or may not need to be done with your image. But, I have found with my computer that if what is on my screen is already dark I may not need to do anything. Otherwise, I darken a light image by using a gamma setting of about .90. This is not much of a change but it has kept my images from looking dull and lifeless when projected.
- 5) **Save as a JPG.** I save the image file as a JPG file with baseline “standard” and a quality of 12 (maximum – least amount of JPG compression). JPG files are compressed by nature – you want the least amount.
 - * Remember - you can only open and save a Jpeg file 6 times before you notice pixelation and degradation of image quality.
 - * For the best display, I avoid opening and saving the Jpeg file after this point. If I need to make a correction at this point, I go back to my pre-jpg file to make the correction and then resave it as a jpg.
 - * Yes, the JPG is significantly smaller than your original file. But it is the correct size for sending to Jerry Fritsch for your competition entry.
- 6) **Review your image at 100%.** Photoshop Hint: Double click the magnifying glass in the tool bar to get 100% magnification. This is what will be displayed.

After following this procedure, you have a file that should be ready for PDI display. Send it as an attachment with title to Jerry Fritsch by Thursday Midnight before the Friday meeting.

I hope this helps everyone with the process. If you have any questions, feel free to ask.

Donna

Thanks for Bob Ihrig for the Photoshop Elements instructions.



Photographics Opportunities for 2012

There are always lots of events going on in the Tri-State area. Many of these events can be excellent opportunities for photography.

Once again I will be looking up future events for the year 2012 for posting in this newsletter and on the website. If you know of additional events for 2012, please let me know so I can list them.

Krohn Conservatory

(note may be closed on Mondays)

Holiday Show “Trains, Trestles and Traditions” 11/17 thru 1/1/2013

Website: www.cincyparks.com/krohn-conservatory/

Note, Check with the office if you want to use your tripod. you may be asked to put your tripod away if there are too many people.

Cincinnati ZOO

PNC Festival of Lights Nov 23, 2012 - Jan 1, 2013.

Website: www.cincinnati-zoo.org

Cincinnati Museum Center

Note - You can not take photographs of these special exhibits but you can take them elsewhere – including the fascinating Rotunda.

You can take also take pictures in the following permanent venues:

Cincinnati History Museum (\$\$)

Museum of Natural History and Science (\$\$)

Duke Energy Children’s Museum - remember to get permission if they are not your children. (\$\$)

Holiday Junction Train Exhibit in December 2012.

Open Mon-Sat 10AM to 5 PM & Sun 11-6 PM

Parking is \$6.00 per vehicle.

Website: www.cincymuseum.org

Newport Aquarium

Website: www.newportaquarium.com

World Peace Bell

425 York St., Newport, KY. Visitor’s center open M-F 10-4.

Nature Photographers -

If you know of specific or general times and places to photograph migratory wildlife/birds etc. please share the specifics and I will post them here.

Please e-mail the information to dloughry@fuse.net.

Donna

Historic Riverside Drive

Has River views, Historic houses and sculptures as well as views of Cincinnati across the river.

St. Mary’s Cathedral of the Basilica

Mon-Fri. 10 to 4 PM – no tours during Mass at 10 AM

Website: www.cincinnatiusa.com/attractions/detail.asp?AttractionID=81

Cincinnati Art Museum

Open Tuesday through Sunday, 11 a.m. to 5 p.m.

Closed Mondays, Thanksgiving, Christmas, New Year’s Eve, New Year’s Day, Martin Luther King Jr. Day, Presidents Day, Memorial Day, Fourth of July, and Labor Day.

No tripods and not in special exhibits. (\$ for parking)

Website: www.cincinnatiartmuseum.org

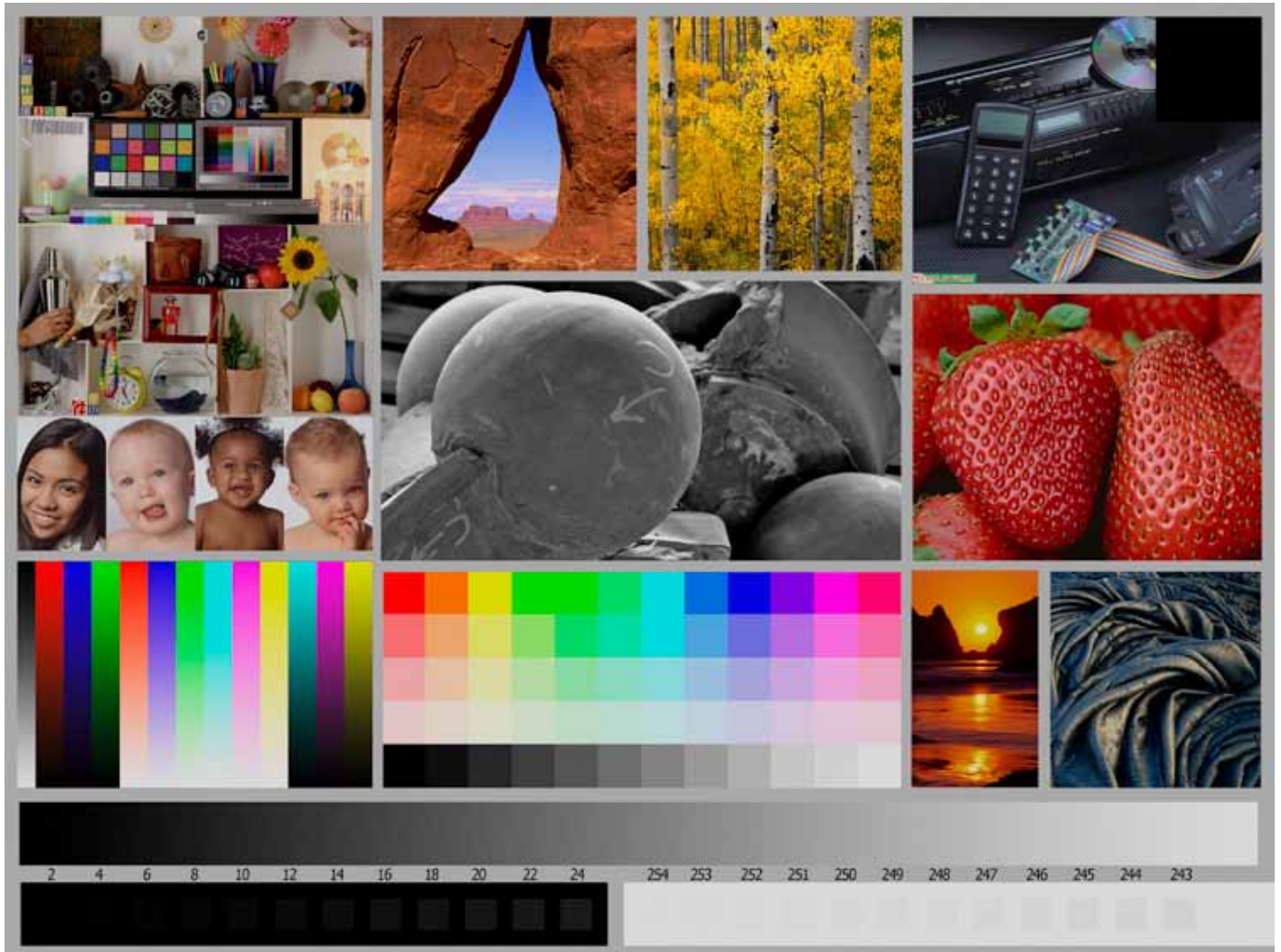
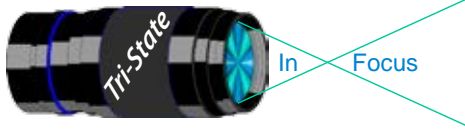
From their website:

“Photography

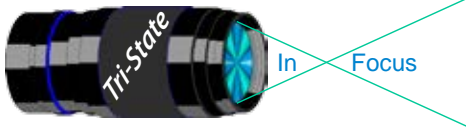
You are welcome to photograph and videotape in the permanent collection galleries, but lights or tripods are not permitted. Photography of temporary exhibitions, works on loan, works created after 1978, or works by living artists is not permitted.

Sketching and Copying

You are welcome to sketch with dry media. Copyists working with wet media may obtain a free permit at the Visitor Services Desk. Sketching and copying are not permitted of temporary exhibitions, works on loan, works by living artists, or works created after 1978.”



This is the image used to calibrate the Projector for PDI images. *(Note - do not use this image in the newsletter as it has been enlarged and therefore degraded.)* The file of this image is located on our website at <http://www.tristatephotographicsociety.com/Documents/TristateProjector.jpg> Once the image is open, right click on the image and choose "save image as" to save to the directory/folder where you want to keep the image. For any other questions, see Jerry Fritsch.



October Pictorial -
PhotoJournalism

October Nature -
Open - Informal

[Slides - Accomplished](#)

[Slides - Accomplished](#)

[PDI - Tyro](#)

[PDI - Tyro](#)

[PDI - Accomplished](#)

[PDI - Accomplished](#)

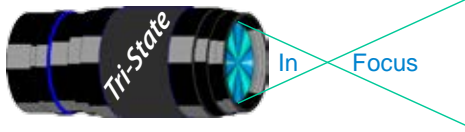
[Prints - Tyro](#)

[Prints - Tyro](#)

[Prints - Accomplished](#)

[Prints - Accomplished](#)

October Results will be posted Next Issue.



**Please note meeting dates may change
due to conflicts at the Center:**

November 2012 Meeting Dates:

Friday, November 02, 2012 - Pictorial - 1st Friday

Friday November 16, 2012 - Nature - 3rd Friday

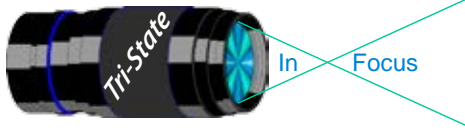
December 2012 Meeting Dates:

Friday, December 07, 2012 - Pictorial - 1st Friday

Friday December 21, 2012 - Nature - 3rd Friday

Editor's Note:

*Deadline for the Next Issue (December)
Saturday, December 01, 2012.*



TRISTATE PHOTOGRAPHIC SOCIETY COMPETITION CATEGORIES - 2012

Pictorial (1st meeting)	Month	Nature (2nd meeting)
Open - Slides/Informal Prints/PDI	January	Simplicity, Less Is More - Slides/Informal Prints/PDI
Anything Wood - Slides/Informal Prints/PDI	February	Open - Slides/Informal Prints/PDI
Open - Formal Slides/Prints/PDI	March	Power Of Three - Slides/Informal Prints/PDI
Tombstones - Slides/Informal Prints/PDI	April	Spring - Slides/Informal Prints/PDI
Open - Slides/Informal Prints/PDI	May	Open - Formal Slides/Prints/PDI
Tools - Slides/Informal Prints/PDI	June	Open - Slides/Informal Prints/PDI
Open - Formal Slides/Prints/PDI	July	Blooms - Slides/Informal Prints/PDI
Hunting/Fishing/Outdoor - Slides/Informal Prints/PDI	August	Insects - Slides/Informal Prints/PDI
Open - Slides/Informal Prints/PDI	September	Open - Formal Slides/Prints/PDI
Photojournalism - Slides/Informal Prints/PDI	October	Open - Slides/Informal Prints/PDI
Open - Formal Slides/Prints/PDI	November	Landscapes - Slides/Informal Prints/PDI
Hands - Slides/Informal Prints/PDI	December	Open - Slides/Informal Prints/PDI

Reminder:

*Limit 1 print for Competitions.
A Formal print is Matted only -
no Frames.*

*Additional print(s) will be for
Display and Discussion.*

For PDI (Projected Digital Image)

If you would like to participate in the Projected Digital Images competitions you can email them to Jerry at jafritsch01@yahoo.com up through the Thursday before each Friday meeting. They should be JPEG format (.JPG file type) with the longest side having 750 pixels or less.

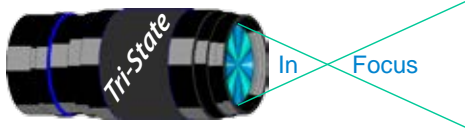
You can re-size the images in your digital processing software, usually under Image, then Image Size. Change the scale to pixels (not inches or cm),

and modify the longest side (height or width) to 750. The other dimension should automatically adjust.

If you don't know how to adjust the size, or can't, feel free to email the image to Jerry. He will adjust the size. For best color results, your JPEG image should also use a sRGB color profile.

Please include your name, the image title, and if you are competing in Tyro or Advanced categories in the e-mail.

The file used to Calibrate the Projector for PDI images is located on our website at <http://www.tristatephotographicsociety.com/Documents/TristateProjector.jpg> Once the image is open, right click on the image and choose "save image as" to save to the directory/folder where you want to keep the image.

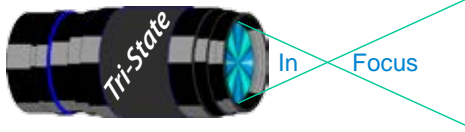


TRISTATE PHOTOGRAPHIC SOCIETY COMPETITION CATEGORIES - 2013

Pictorial (1st Meeting)		Month	Nature (2nd Meeting)	
Open	Informal Prints	January	Trees	Informal Prints
Stone, Wood &/or Metal	Informal Prints	February	Open	Informal Prints
Open	<i>Formal</i> Prints	March	Drops &/or Droplets	Informal Prints
Eyes	Informal Prints	April	Plant Closeup(s)	Informal Prints
Open	Informal Prints	May	Open	<i>Formal</i> Prints
Photographic Equipment	Informal Prints	June	Open	Informal Prints
Open	<i>Formal</i> Prints	July	Spikes &/or Spines	Informal Prints
Americana	Informal Prints	August	Arthropods	Informal Prints
Open	Informal Prints	September	Open	<i>Formal</i> Prints
Wet Subject	Informal Prints	October	Open	Informal Prints
Open	<i>Formal</i> Prints	November	Curves	Informal Prints
Reflections	Informal Prints	December	Open	Informal Prints

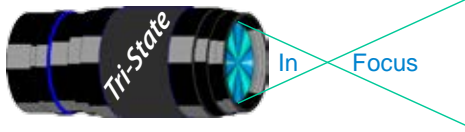
TRISTATE PHOTOGRAPHIC SOCIETY COMPETITION CATEGORIES - 2014

Pictorial (1st Meeting)		Month	Nature (2nd Meeting)	
Open	Informal Prints	January	Patterns &/or Textures	Informal Prints
Unusual, Strange or Odd	Informal Prints	February	Open	Informal Prints
Open	<i>Formal</i> Prints	March	Frozen Water	Informal Prints
Triangles	Informal Prints	April	Animal Closeup(s)	Informal Prints
Open	Informal Prints	May	Open	<i>Formal</i> Prints
Mechanical Innards	Informal Prints	June	Open	Informal Prints
Open	<i>Formal</i> Prints	July	Weeds &/or Wildflowers	Informal Prints
Foggy Landscape	Informal Prints	August	Animals that can fly	Informal Prints
Open	Informal Prints	September	Open	<i>Formal</i> Prints
Friendship Park	Informal Prints	October	Open	Informal Prints
Open	<i>Formal</i> Prints	November	Against the Light	Informal Prints
Long Exposure	Informal Prints	December	Open	Informal Prints



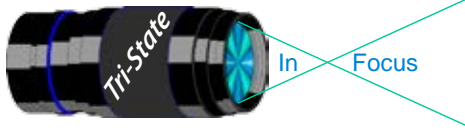
Topics for 2013 with Descriptions

P/N	2013	Topic	Description
Nature	January-13	Tree(s)	Take a photo of any tree or part of a tree.
Pictorial	February-13	Stone, Wood &/or Metal	Something stone, something metal, something wood or any combination of 2 or all three.
Nature	March-13	Drops &/or Droplets	Such as a macrophoto of a single drop through the fog-adorned gossamer web, the seaspray riding the waves, simple rain drops, dew drops on animal or plant, or a rainbow, etc.
Pictorial	April-13	Eyes	An image of the eye of an insect, plant or wild animal, living or non-living.
Nature	April-13	Plant Closeup(s)	Parts of Plants. A very close look of the some part of a plant. Preferably a Macro shot. The focus could be on the Stigma and/or the Stamens with the petals in the background.
Pictorial	June-13	Photographic Equipment	Anything related to photography including but not limited to cameras, lenses, tripods, film, memory cards, filters, flash, lighting products, store bought or homemade, etc.
Nature	July-13	Spikes &/or Spines	Anything that has spikes or spines on it! Definition of Spine: a stiff pointed plant process; such as a modified leaf or leaf part or a sharp rigid process on an animal. Definition of Spikes: a stiff, sharp-pointed piece or part such as the unbranched antler of a young deer or - a flower stalk or thorn.
Pictorial	August-13	Americana	Items or a collection of Items, related to the history, geography, folklore and cultural heritage of the United States.
Nature	August-13	Arthropod(s)	An arthropod is an invertebrate animal having an external skeleton, a segmented body, and jointed appendages. Arthropods include the insects, arachnids(spiders), crustaceans, centipedes, millipedes etc.
Pictorial	October-13	A wet subject	The subject must be visibly wet. This is not a water challenge, so NO swimming. Examples: Dew on a spider web, a child or dog playing in a sprinkler, water drops on flowers or other objects, beads of sweat on an athlete.
Nature	November-13	Curves	A photograph containing curves (a continuously bending line, without angles or any curved outline, form, thing, or part). Such as a curved section of a river, stream, plant or animal etc.
Pictorial	December-13	Reflections	Reflection of any kind.



Topics for 2014 with Descriptions

P/N	2014	Topic	Description
Nature	January-14	Patterns &/or Textures	Any pattern or texture found in nature, including but not limited to rocks, sand, animal parts, clouds, etc. - both Flora & Fauna.
Pictorial	February-14	Unusual, strange or odd	Self explanatory
Nature	March-14	Frozen Water	Includes, but not limited to, Ice, snow, frost and/or icicles. Show us a solid state of water.
Pictorial	April-14	Triangles	Triangles in the landscape/cityscape etc. such as roof peaks, design elements of a building, portion(s) of food, a traffic sign or musical instrument etc. (NOT included - Triangles such as a triangular arrangement of 3 objects).
Nature	April-14	Animal Closeup(s)	Close up of any animal or part of an animal.
Pictorial	June-14	Mechanical Innards	Insides of any man-made device, including but not limited to tractors, engines, watches, clocks, computers, etc.
Nature	July-14	Weeds and Wildflowers	Any type of weed or wildflower is fine. A single plant or a field full of them is fine (Cultivated plants or fields are not included.)
Pictorial	August-14	Foggy Landscape	Self explanatory
Nature	August-14	Animals that can fly	Any animal that is capable of flight or has the ability to glide in the air. This includes but is not limited to birds, bats, insects, flying fish, flying squirrels, sugar gliders, etc. Subjects do NOT have to be in flight.
Pictorial	October-14	Friendship Park	An image taken at Theodore M. Berry Friendship Park. Note:Map & Directions will be provided.
Nature	November-14	Against the light	An image that shows backlight or a Silhouette.
Pictorial	December-14	Long Exposure Photography	Long-exposure photography involves using a shutter speed equal to or longer than 1/4 of a second. A Long exposure does not have to have blurred elements. For example, a 30 second shot of a city street at midnight may have everything in the frame in sharp focus. Or star trails among stationary tree or rocks, car light trails in a night cityscape, "silky" waterfall or stream.



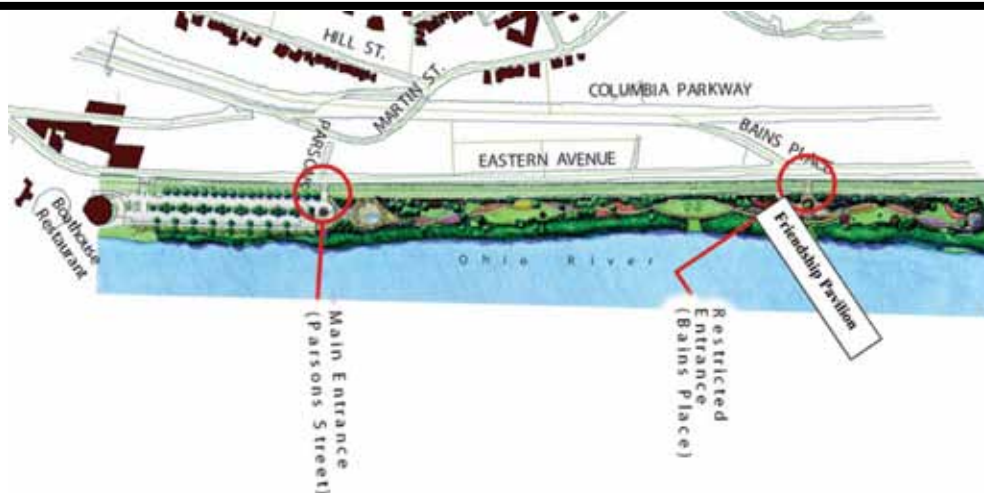
Directions to Friendship Park

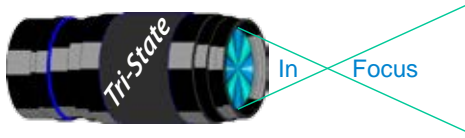
Located on 1135 Eastern Ave. Cincinnati

from the Campbell County Cooperative Extension Service Office (where we have our meetings)

Summary: 7.2 miles

1. Depart 3500 Alexandria Pike, Newport, KY 41076 [3500 Alexandria Pike, Newport, KY 41076] on US-27 [SR-1998] (North) 0.6 mi
2. Keep RIGHT onto I-471 5.8 mi
3. Entering Ohio
4. At exit 6A, turn RIGHT onto Ramp 153 yds
5. Keep LEFT to stay on Ramp 0.1 mi
6. Turn LEFT (South) onto E 3rd St 109 yds
7. Bear LEFT (South-East) onto Eggleston Ave, then immediately turn LEFT (North-East) onto US-50 TRUCK [US-52] 0.6 mi
8. Arrive 1135 Eastern Ave, Cincinnati, OH 45202 [1135 Eastern Ave, Cincinnati, OH 45202]





Website:

<http://www.tristatephotographicsociety.com/>

Facebook:

<http://www.facebook.com/pages/Tri-State-Photographic-Society-Photo-Club-NKyCincinnati-Area/262631450437635?sk=wall&filter=1>

PSA:

<http://www.psa-photo.org/>

E-mail Address Change Reminder.

If you change your e-mail address there are lots of people to notify, and it is easy to forget someone who needs to know your new address.

Remember to let Bob Ihrig (rdihrig@fuse.net) know of any address change so he can update this on the ListServ. Please put "Tri-State" in the subject box.

2012 Tri-State Officers & Chairpersons

President
Margaret Jones
Vice-President
Becky Kempf
Secretary
John Kuhbler
Treasurer
Julie Adkins
Website
Donna Loughry
Banquet
Wilda Everman
Refreshments
Becky Kempf
Equipment
Dale Voelker
Bob Ihrig
Jerry Carpenter
Dan Thompson

Location & Setup
Bob Ihrig
List-Serve News Group Manager
Bob Ihrig
Exhibits/Publicity
Keith Robinson
Field Trips
Dave Tubesing
Membership
Jerry Carpenter
Nature Slide Chair
Jerry Fritsch
Mark Kraus
Pictorial Slide Chairs
Pete Reeme
Dale Voelker
Digital Print Pictorial Chairs
Jane McBreen
John Mullins

Digital Print Nature Chairs
Nancy Beers
Dale Voelker
PDI Chair
Jerry Fritsch
Donna Loughry
PDI Equipment
Donna Loughry
Newsletter
Donna Loughry
Points/Awards
Margaret Jones
Programs
Trudy Flowers
PSA
Don Weideman