



MONTREAL CAMERA CLUB

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Entering Digital Images in Pictorial and Nature Division Competitions

Well it is official – we are now the proud owners of the new Canon Realis Projector. Those members, who did not see the projector when it was being evaluated, will be very pleasantly surprised by the quality and high definition images it projects. Whether you have a digital camera, or are scanning and manipulating your slides using Photoshop or another image editing program, you may enter digital images into regular Pictorial and Nature Competitions along with traditional slides.

General Rules

Please refer to the Rules governing monthly competitions for detailed information about entering in the Pictorial or Nature Divisions. These are found on the club website in pdf format under the section: Documents.

Images taken with a digital camera, or slides, prints or negatives scanned into a computer, are all acceptable, so long as they are the exclusive work of the entrant.

Maximum **3 images per competition night** (you may submit less) This may be all digital, all slides or a combination of both, but the total number remains three.

There are a total of 15 competitions during the season; five in each of the divisions of: Nature, Pictorial and Print.

How to Prepare a digitized image for projection.

Sizing Your Image

For members submitting digital images please make note of the new resolution of the projector. **The maximum resolution is 1400 (Wide) x 1050 (Length) pixels.** The old criterion of JPEG at maximum quality still remains.

What this means is that if you are submitting an image in landscape mode do not exceed 1400 pixels in width. Your software should be set to keep the same aspect ratio so it will determine what the length will be. It will not be greater than 1050 and in many cases may be less depending on the cropping factor of your digital camera sensor or any post processing you may have done (cropping for example). For images in portrait you set the maximum length to 1050 pixels and in a like manner as the portrait mode your software will determine the width for you. Please note that this is the MAXIMUM resolution so submitting values less than this is not necessarily a problem but bear in mind if you use a very small resolution the image may be too small on the screen.

Avoid, or be very cautious, in “Rezzing up” images unless you have the software. “Rezzing up” is when you take a low-resolution image and blow it up by changing the pixel size resolution. For example, you took a low-resolution shot in your camera or perhaps after cropping a large chunk, your image ends up say as 800 x 266 pixels. If you take this image and blow it up to 1400 x 1050, you will introduce possible artefacts and noise especially in a JPEG image. With the new projector this noise may become

apparent and you would be better off leaving it at the lower size

Sizing Your Image Using Photoshop

Click **Image** on the menu bar;

Click **Image Size** on the dropdown menu;

Make sure you check the **Constrain Proportions** checkbox;

Look for the **Pixel Dimensions** dialogue box;

For a landscape-oriented image:

type **Pixel Dimension** Width = 1400 pixels

the height will adjust automatically in proportion;

For a portrait-oriented image:

type **Pixel Dimension** Height = 1050 pixels

the width will adjust automatically in proportion;

Vertical images will always be smaller than horizontal

Click **OK**.

Color Profile (Optional)

For projected images, it is recommended to convert the image to the sRGBIEC61966-2.1 color profile. This color space is designed to match the color display on a typical monitor, so it will ensure the most accurate colors.

In Photoshop,

Click **Image** on the menu bar;

Click **Mode** on the dropdown menu;

Click **Convert to Profile** on the next dropdown menu;

Click on **sRGBIEC61966-2.1** from the Profile dropdown; Click **OK**.

Saving Your Image as a JPEG File

Click **Layer** on the menu bar;

Click **Flatten Image** on the dropdown menu;

Click **File** on the menu bar;

Click **Save As** on the dropdown menu;

Select Folder you want to save image in; Type in file name;

Click **Format JPEG**. (.JPG;.JPEG;.JPE);

Click **Save** button — **JPEG Options** window appears;

Choose **Image Options** = Quality 12+ Maximum;

Click **OK**.

I don't have Photoshop. What do I do?

Most digital cameras have a basic image manipulation program included. Check your manual and use that.

Photoshop *Elements* is a less expensive alternative.

Go to: www.picasa.com for a free download of this simple to use image editing software from Google for those who have PC's running Windows 2000 or XP.

How to submit your images

Bring a CD with your images on it to the club no later than **one week prior to the competition night**.

On the CD itself mark if it is Nature or Pictorial; Your name; Member ID; Date of Competition

With your CD don't forget to include the entry form with:

Your name; Member ID; Class A or B; Date of Competition

Category of images (ie: Nature; Pictorial; Creative)

Titles of your images linked to the names of your files that are on the CD (ie: IMG_002312.jpg — "Sunrise")