



THE

# LAST FRAME

OCTOBER - 2002

St. Albert Photo Club's Monthly Newsletter



Koslowski preps his slide trays as he takes on the role of guest speaker.

## Club member Sieg shows his summer stock

Club member Sieg Koslowski was the club's guest speaker for the month of October.

Koslowski showcased several months of personal



work.

Highlights for Koslowski was a trek to the southern US to photograph some of the wonders of their National parks.



### BEST OF SHOW

Derald Lobay's photograph of an ice climber in Jasper, Alberta was selected as October's "Best of Show" in the Sports competition. Winners of the monthly competition are on page 3.

### POINT STANDINGS

2001 - 2002

Tim Schultz - 5

Debbie Tetz - 4

Sieg Koslowski - 3



November Competition:  
Windmills

November Guest Speaker:  
Luc Guillemette

Tech Tips:  
Autumn Colour

December Guest Speaker:  
TBA

December Competition:  
Christmas Dinner



# Macro photography basics

Close-up or macro photography requires special equipment. You probably need some close-up optics and accessories, and unless your camera and flash equipment are completely automatic, you will have to learn how to calculate and provide the extra exposure that close-ups require.



Macro lenses

Lenses focus closer as they are extended farther away from the film plane. Macro lenses are no exception – they simply incorporate longer-than-normal helical focusing mounts. These permit focusing distances that are equal to or are half the focal length of the lenses. The major selling point for using macro lenses is their convenience – they permit continuous focusing without any accessories.

When working with animate subjects such as insects and other tiny animals such as rodents, you need a greater working distance than

with rocks, flowers, or other inanimate subjects. A 105mm macro lens (or its equivalent) is excellent for insect pictures because it lets you back away from these easily frightened subjects. A 200mm macro lens or a medium telephoto prime lens modified with extension is also excellent for insect close-ups. You can make a prime lens focus just as closely by putting extension tubes (hollow spacers) or bellows between your lens and camera.

A bellows accessory gives you continuous



Bellows

variable extension because they move lenses in and out of focus on a rack. Many bellows lack auto-diaphragm mechanisms. Those that do incorporate them, such as Nikon's PB-6, are fitted with a double-cable release. Without the auto-diaphragm, as you extend a lens the image darkens in the camera's viewfinder making precise focus more difficult.

Another accessory to incorporate is a teleconverter. These optical devices are typically used to increase a lens' focal length, but they are also handy for close-up work. Placed between the lens and the camera body or between an extension tube and



Teleconverters

the camera body, a teleconverter magnifies an image by the teleconverter's conversion factor.

If you insert a 2X teleconverter between a fully extended macro lens, that renders a life-size image, and a camera body, you create



Extension tubes

a 2X image on your film. Teleconverters will decrease lens speed by the same factor that the focal length is increased or magnifies the image. For example, a 200mm f/2.8 lens when married with a 2X teleconverter,



Close-up lenses becomes an effective 400mm f/5.6 lens.

When you combine a teleconverter with an extension tube, the placement of each of these is important – placing a 1.4X teleconverter behind a lens will magnify focal length by 1.4X but maintain both maximum and minimum focus distances. If you put a teleconverter next



Reversing ring

to the body and then add an extension tube, the extension tube is magnified by a power of 1.4X.

Another way to do macro is by way of a reversing ring. It allows you to mount your lens backwards on the camera. The drawback is that you have to manually close the lens down to working aperture. Very useful for inanimate objects.

**Article - Derald Lobay  
Photography - Al Popil**

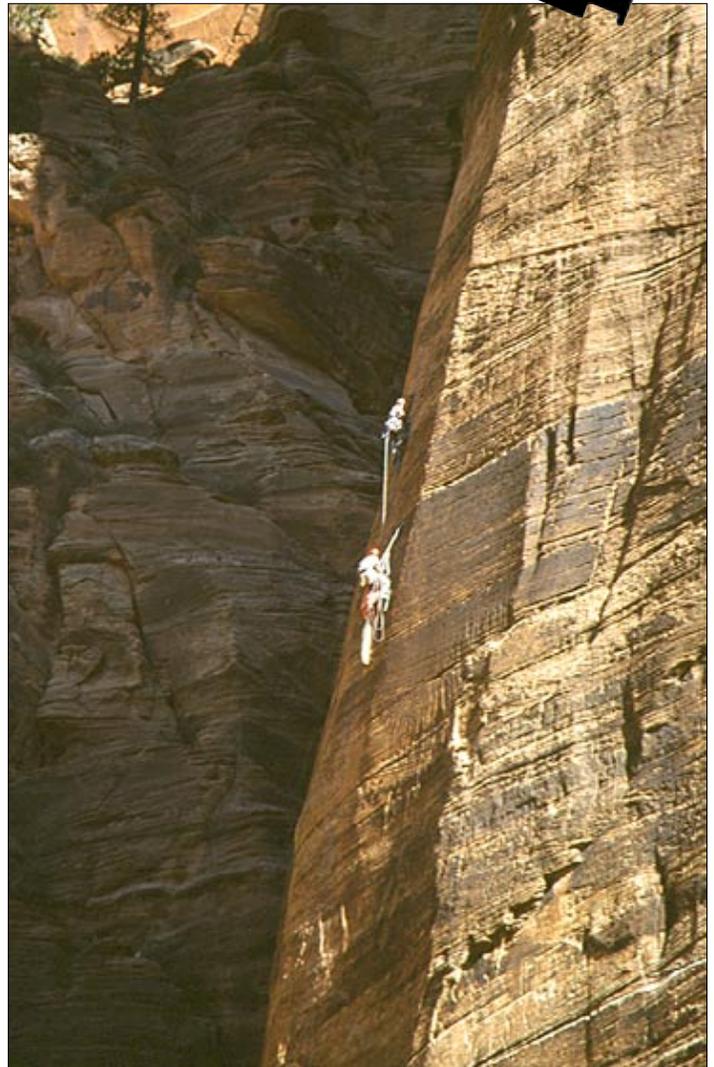
<p>St. Albert Photo Club</p> <hr/> <p>VOL: 2, ISSUE 2 PUBLISHED MONTHLY September - June</p>	<p><u>PRESIDENT</u></p> <p>Derald Lobay</p>	<p><u>SECRETARY</u></p> <p>Gary George</p> <p><u>TREASURER</u></p> <p>Mary Ann Peterson</p>	<p><u>PROGRAMME DIRECTOR'S</u></p> <p>Derald Lobay Doug Poon</p>	<p><u>CLUB CONTACT</u></p> <p>Doug Poon (780) 459-7627 E-mail: dpoon@telusplanet.net</p>
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CLUB MEMBERS WINNING MONTHLY PICTURES



1st Place Print - Tim Schultz



1st Place Slide - Sieg Koslowski



2nd Place Print - Tim Schultz



2nd Place Slide - Debbie Tetz



3rd Place Print - Debbie Tetz