

2003

N4C INTERCLUB COMPETITION SCHEDULE

The following list indicates the slide and print competition topics for each month which will be **in addition to** the usual monthly pictorial print and slide competitions

Month	Prints*	Slides (Loc.)	Month	Prints*	Slides (Loc.)
July	Nat/Seq	Trav/Journ (R)	Oct	Nat/Seq	Nat/Creative ISM)
Aug	Trav/Creative	Nat/Creative (SM)	Nov	R/C/J	N/C/T/J (R)
Sept	Journalism	Trav/Journ (R)	Dec	Annual	Annual

*All print competitions held at the home of Natalie Barton; R = Rossmoor; SM = San Mateo

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CORRECTIONS

- (1) In the May *Foto Fanfare*: 2nd place, Color, Self-made, Advanced should read
 Cloud Reflections Eleanor Webster **Peninsula**
- (2) In the June *Foto Fanfare*: Travel AA Slides, third place should read:
 Off on the Road to Morocco Dolores Bermak **Berkeley**



"Koala Munching Eucalyptus Leaves, Australia " by Lois Shouse, Peninsula
 Winner Nature A Slides



IN THE SPOTLIGHT

JULY

Board Meeting

14 8:00 pm First Methodist Church,
1600 Bancroft, San Leandro

Interclub Judging

19 Slides (P/T/J)
1:00 pm - Gateway Clubhouse,
Rossmoor

Call Prints (P/N/S)

AUGUST

Board Meeting

11 8:00 pm First Methodist Church,
1600 Bancroft, San Leandro

Interclub Judging

16 Slides (P/N/C)
8:45 am - Beresford Recreation
Center, San Mateo

Call Prints (P/T/C)

SEPTEMBER

PSA International Conference

1-6 Houston, TX 0

Board Meeting

8 8:00 pm First Methodist Church,
1600 Bancroft, San Leandro

Interclub Judging

20 Slides (P/T/J)
1:00 pm - Gateway Clubhouse,
Rossmoor

Call Prints (P/J)

21 Yerba Buena PSA Chapter Meeting
9:00 am Beresford Recreation
Center, San Mateo

28 Judges Seminar Beresford RC

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Foto Fanfare is the official publication of N4C, the Northern California Council of Camera Clubs, a federation of 14 Camera Clubs located in the greater Bay Area. Its goals are to hold monthly competitions among member clubs and present special informative programs whenever possible.

Any articles, letters to the editor or editorial comments are the opinions of the authors, and not official N4C policy.

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JUDGES SEMINAR

All Day, Sunday, September 28
Central Park Center, San Mateo

A competent panel of judges will present the most updated concepts in judging each area of competition. Questions will be fielded.

Prints: Allison Brooks;
Pictorial: Trenkins McClain; **Nature:** Fran Cox;
Travel: Don Lyon; **Journalism:** Don Sowar;
Creative: Joan Field;
Moderator: Ellie Webster

Current Judges are strongly urged to attend as are those who are seriously considering becoming judges. There is no entrance fee for either judges or those who sign up for at least a one-time judging experience.
All others interested in attending: \$15.

Dynamic Range

I thought that the dynamic range of my husband's digital camera was limited when going from shadows to bright highlights. The highlights seemed badly burned out, especially if you were going from objects in shadow and some in the sunshine. Some additional research has given us an answer. Apparently, the smaller the pixel size, the lower the dynamic range. The smallest pixel sizes are in the small point and shoot digitals. "Responsivity is a measure of the signal that each pixel can produce and is directly proportional to pixel size." Also with small pixel size, the worse is the signal-to-noise ratio.

Each pixel stores up charge during its exposure period before it is read out. You get both higher signal level and charge capacity with larger pixels. Which brings up the topic: not all pixels are created equal. Digital cameras of the same resolution (1400 x 1000 pixel array) always have the same pixel count, but when the sensor area is larger, dependent on the camera, the pixels become equivalently larger and more sensitive. This improves both the dynamic range and reduces the noise levels. (Information from *Optoelectronics World*, 1999 by PennWell.)

That's why my husband's Canon, with a sensor diagonal of about 10 mm, has a small pixel size of about 6 micrometers and a reduced dynamic range.
Joan Field

Yerba Buena Chapter PSA Fall Chapter Day, September 21

- Beresford Recreation Center, San Mateo**
- **Phil Hassrick, Program on the Sahara**
- **Ben Kong, Quizhou, China, life in a small Chinese village**
- **Lin Craft, Exploring Antarctica as a working scientist.**

IT'S NOT TOO LATE!



PSA International Conference of Photography
September 1 - 6, 2003
Adams Mark Hotel
Houston

- 2 Fireworks Over San DiegoBill MillsContra Costa
- 3 Handmade DressTheron NelsonDiablo Valley
- 4 Portrait of a LionRobert FournierPeninsula
- 5 Jaffa WindowLindsey LobreeAlameda

Color Comm. Ama. (CC/AMA) (6 prints)

- 1 Weeping BegoniaFrank LahorgueMarin
- 2 Batter UpLarry LucierAlameda
- 3 Through English Castle Wind.Ed WelchPeninsula

Journalism Prints (18 prints)

- 1 High AbovePatricia PrettieContra Costa
- 2 Coast Guard in ActionPatricia WilsonContra Costa
- 3 Shooting the Merced RapidsRex MoreyLivermore
- 4 Pound for Pound the FastestLindsey LobreeAlameda
- 5 Baby Grey Whale Comes to BoatRobert FournierPeninsula
- HM Cannon Ball Wins AgainSherry GrivettLivermore
- HM Wet and WildSherry GrivettLivermore

KODAK TO STOP SLIDE PROJECTORS IN 2004

An article received, thanks to Chris Kibre, from a group of Planetarium directors, notified us that Kodak will no longer manufacture and sell slide projectors, related products, and accessories, beginning in June, 2004.

The Kodak products include Carousel, Ektagraphic, Ektalite and Ektapro slide projectors and all Kodak slide projector accessories. Kodak believes that there will be small quantities of these projectors available until the end of 2004. The Kodak distributor, Comm-Tec, in Germany, plans to sell Ektapro projectors and accessories beyond 2004.

They recommend that if anyone needs to retain traditional slide projectors, carousel trays, etc. that they should plan to buy soon.

They go on to say, "Making Kodak aware of your short-term requirements will insure that there

is enough product on hand before production ends. You can do this by contacting this person in the US.

John Beerse 1-585-722-7511
john.beerse@kodak.com.

However, Kodak will offer service and support for their old equipment until 2011.

Clearly we are seeing the digital revolution in full swing. Digital projectors will soon replace analog projectors for ease of presentation. However, currently they are not quite as sharp as traditional slide projectors, and, I don't know about you, but I have a huge number of slides in carousel trays from trips we have taken, not to mention thousands of other slides. Scanning them into the computer is an enormous task best contemplated only when inebriated.

Maybe it's time to purchase more trays, more lamps!!! (remember them?) and even a back-up projector.

And maybe it's time to buy that digital camera!



Replacement of Travel Slide Chairman: Joan Warren, who has been Travel Slide Chairman for two years has resigned and will be replaced by Baha Fahmy of Rossmoor. The Board thanked Joan who has done a wonderful job during her tenure.

Vice-President's Report:

Annual Luncheon: Chris Kibre has been in contact with the Holiday Inn management concerning a long-term contract with the intent of keeping costs down. They are mailing a proposed three-year contract which will be reviewed at the next Board meeting. According to Chris, extra charges for set-up would not be required. If N4C should renege for any reason, other than an Act of God, we would be libel for \$1600.

Judges Seminar: Scheduled for Sunday, September 28. Judge presenters so far include: Don Sowar for Journalism, Don Lyon for Travel, Trenkins McClain for Pictorial and Joan Field for Creative. We will have judges for Prints and Nature by the next meeting. [Note: As of this printing of the FFF, Fran Cox will represent Nature and Allison Brooks will discuss Prints.] The committee will firm up the details shortly after the next Board meeting. Although current judges and prospective judges will not be charged, members who would like to attend for information purposes only, and are not willing to commit to judging, will be charged \$15.

Foto Fanfare: Joan is asking those who have not been receiving their email copy to please notify her. Some subscriber names were lost during a hard disk failure.

FotoClave: Jim Pagano passed out the forms for submitting slides and prints to the FotoClave annual competition. They must be turned into N4C by the August 11 Board meeting. Member clubs doing the initial judging are requested to use discretion to avoid any conflict of interest in their judging procedure.

Those thinking about attending FotoClave, to be held November 7-9 in Milpitas, are urged to help out by staying at the hotel.

Jim mentioned that Moose Peterson is the keynote speaker and Julianne Kost from Adobe will be giving a seminar, among many other excellent presenters.

New Fund-raising Seminar: The president urged the Board to start thinking about a special photography all-day seminar for either fall of 2004 or spring of 2005 similar to those of Richard Martin and Lisl Dennis.

DIGITAL CAMERAS SOME INSIGHTS

Wide Angle Problems

Did you know that the CCD (charge coupled device) array or sensor area in the **typical point & shoot digital camera** is much, much smaller than the 35 mm frame size (36 x 24)? Typically, you are looking at an area as small as 6 x 8 mm, which is about 4.5 times (FOV) smaller than that of your 35 mm. You might also note that the shape ratios are different: the 35 mm is 3:2 while the digital point & shoot camera has a ratio of 4:3.

Because of this small CCD array, when determin-

BI-MONTHLY COMPETITION • NATURE SLIDES

Chairman: Eleanor Webster, FPSA • Judge: Eleanor Webster, FPSA • June, 2003

Nature B (16 entries)

- 1 Calif. Quail, Pt. Reyes Nat'l ParkBruce GowdyMarin
- 2 Tiny Baby Tree Squirrel 5" BodyMary ToalsonMillbrae
- 3 Broad-leaf Lupine, Sunol Regional ParkJeff FierLivermore
- 4 Two Male Mallards Resting on ShoreMazry ToalsonMillbrae
- 5 Digitalis Purpurea meets LatrodectusNancy WelchPeninsula
- HM A Nursing Harbor Seal Mother & Pup,
Elkhorn SloughElan ElangoPeninsula

Nature A (21 entries)

- 1 Koala Munching Eucalyptus Leaves, AustraliaLois ShousePeninsula
- 2 **& W** Grey Necked Wood Rails
Roosting at Night, BelizeGloria FraserMarin
- 3 Sambar, IndiaGerald HillMarin
- 4 Snowy EgretJoseph HeckenbachDiablo Valley
- 5 Zebra at Waterhole, NamibiaNadine HillMarin

Nature AA (21 entries including 1 walk in)

- 1 Harbor Seal Pup Nurses, Elkhorn SloughLarry SalvessonPeninsula
- 2 Male & Female Masai Giraffes, TanzaniaVelma CleasbyMarin
- 3 Zebra FoalDeborah HallPhotochrome
- 4 Flower Spider with PreyDan CheathamRossmoor
- 5 Bumble BeeEd PavluLivermore
- HM Atlantic Gannet Collects Grass for NestingShirley TervoMillbrae

Nature AAA (17 entries)

- 1 Annas Hummingbird Drinking Nectar
Feeds 50 Times a DayM.A. WhitlockRossmoor
- 2 Northern Elephant Seal Giving BirthStacy BoornPhotochrome
- 3 Crane Flies in Mating PostureBing HueyPhotochrome
- 4 **& W** Polar Bear Protecting Seal KillMaryann DanielsonPeninsula
- 5 A Crane Fly Lights on an Owls Clover BlossomBruce FinocchioPeninsula
- HM Great Blue Herons CopulatingRobert FournierPeninsula



BI-MONTHLY COMPETITION • CREATIVE SLIDES

Chairman: Patricia Prettie • Judge: Eleanor Webster, FPSA • June 2003

Creative B (20 entries)

- 1 Diatom from the Deep #2Bruce FinocchioPeninsula
- 2 StripesJacqueline LantheaumePhotochrome
- 3 SaturationMargie MacDonaldPhotochrome
- 4 TearsSteve StuckeyAlameda
- 5 TextureMargie MacDonaldPhotochrome
- HM. Arizona DreamClaire MaertenPeninsula

Creative A (21 entries)

- 1 Arch of ColorDorothy BerndtMarin
- 2 Design in WhiteBurr PrestonPhotochrome
- 3 Lightening and Streaks of YellowHal LevineMillbrae
- 4 Chemical FallsDan KatzmanContra Cost
- 5 Red and Yellow SwirlLois ShousePeninsula
- HM. And the Sky Came Tumbling DownRose BowerContra Costa

Creative AA (23 entries)

- 1 Elephant SealBob FournierPeninsula
- 2 Spring MagicJan DelanoAlameda
- 3 Semi-CircleMary AsturiasPhotochrome
- 4 Burano in PastelsJoe HearstLivermore
- 5 Feather ColorsMary Temple TroutnerRossmoor
- HM VortexWendal DelanoAlameda



*"Arch of Colors"
by Dorothy Berndt
Marin Photographic Club
Winner Creative A Slides*



*"Kayaker in the
Fog - San
Francisco Bay"
by Dak Mead of
Berkeley
Camera Club
Winner
Pictorial A Slides*

PICTORIAL SLIDES — MONTHLY COMPETITION

Chairman: Mary Asturias, HN4C • Judge: Eleanor Webster, FPSA • June, 2003

Pictorial B (13 slides)

- 1 Novato's MarshT.J. CampbellMarin
- 2 RivetsMary ToalsonMillbrae
- 3 Spring Collier CanyonJeff FierLivermore
- 4 Rain DropsNancy WelchPeninsula
- 5 Sweeping Grandeur St.Vincent De Paul
Catholic Church, Davenport,CASusan GlasgowPeninsula
- HM Jewelry Store, Ponte VecchioGinna FlemingMarin

Pictorial A (14 slides)

- 1 Kayaker in Fog - S.F. BayDak MeadBerkeley
- 2 Horseshoe Bend Colorado RiverSandy ChandlerMarin
- 3 A Silver DayClaire MaertenPeninsula
- 4 A Boy in BhutanMaureen McGettiganPhotochrome
- 5 Reflection of Tree & CloudsJason YoungContra Costa
- HM Tiger Nest Monastery, BhutanMaureen McGettiganPhotochrome

Pictorial AA (18 slides)

- 1 Crossing Thru Poppy FieldMary Lou FroeseMillbrae
- 2 Lone Tree & RaincloudsRobin BraunfeldMarin
- 3 Old Plug & Ready HoseJim SherwinMillbrae
- 4 Fern Spring YosemiteRobin BraunfeldMarin
- 5 A Beautiful RideLois ShousePeninsula
- HM Pigeon Pt. SunsetLarry SalvessonPeninsula

Pictorial AAA (18 slides)

- 1 Silhouette #3Hal LevineMillbrae
- 2 Weathered MachineryRosemary AuwbrejPeninsula
- 3 Shadows on the SandJoseph MeyersRossmoor
- 4 Fall in YosemiteDorothy EatonPhotochrome
- 5 Tie-upAphra PiaBerkeley
- HM Passing the Time of DayRichard SilvaPeninsula

Pictorial Masters (16 slides)

- 1 Fence in the SnowGeorge Pelpel,Contra Costa
- 2 Slots Still LifeGary HromadaMarin
- 3 Early Morning Reflections at Ebb TideMaryann DanielsonPeninsula
- 4 Catching the Kid Through the ArchesBen KongMillbrae
- 5 In PassingDennis JeffersonPhotochrome
- HM Horse & Barn in FogCharlie PattersonLivermore

ing how the digital camera lens compares to the 35 mm, it would take a 12 mm lens on the digital camera to approximate a normal 50 mm lens. So, you may actually have an extremely wide angle lens built on to your digital camera which acts as though it were in the most common ranges for a 35 mm (50 - 135mm e.g). Digital camera manufacturers use three different ways of comparing their lenses as "equivalent" to a certain range for the 35 mm cameras which makes it even more difficult to tell exactly what you're getting. Most point and shoot digitals do not have the capability to augment lenses, except for some higher ends which accept macro and telescopic lens attachments.

Digital SLR's have a wider sensor area, about 23.7 x 15.6 mm (note that they retain the 3:2 ratio of standard 35 mm cameras), which brings them closer to regular SLR's than the point and shoot digital cameras. Field of vision (FOV) is 1.5 that of a standard SLR. Even so, you would need a 33 mm lens to approximate a 50 mm lens on a non-digital SLR.

Because of this, some lens manufacturers are producing special extremely wide-angle lenses specifically for digitals. Nikon has just come out with a DX 12 - 24 mm lens (equivalent to an 18 - 36 mm zoom lens) made only for Nikon digital SLRs to compensate for the wide-angle deprivation.

On the plus side of the small CCD array factor is the telescopic capabilities. The Nikon above (D1 or D100) has the capabilities of operating a 400 mm lens as though it were a 600 mm lens because of the 1.5 FOV.

Currently, the cost of producing a digital SLR with a full-sized sensor array of 36 x 24 is outrageous. Cameras start at about \$9000.

Depth of Field

Now let's talk about **depth of field**. Remember, I had mentioned that, looking at my husband's digital point & shoot images, they seemed to have much better depth of field than what I could achieve with my SLR.

One scientist friend I spoke with objected and thought that it was impossible. However, according to one website insight by www.wrotniak.net/photo/dof, the depth of field on a digital camera is not only better than a 35 mm camera, it is much, much better.

He discusses the definition of the circle of confusion, i.e. "what is acceptably sharp." A frame from a 35 mm camera (24 x 36 mm) must be enlarged 8.5 times to make an 8 x 12 inch print. The circle of confusion allowed is not larger than 0.25 mm (or at the film plane, 0.03mm). Digital cameras on the other hand with the small CCD sensor area (6 x 8 mm typically) require about a 34 x magnification to make a 8 x 11" print. This translates into a maximum circle of confusion of 4.5 x smaller (or 0.007) at the sensor area than for the 35 mm camera. Therefore, your digital camera has to be 4.5x sharper than your SLR. Pixel sizes on these small digitals are about .006 mm, less than the size of the maximum circle of confusion.

Wrotniak then relies on the N-times-F Rule: namely, "The depth of field of a digital camera with a lens of the 1:N focal length equivalence ratio at a given F-setting is the same as that of a 35 mm camera with a lens closed down to the aperture number of the F multiplied by N."

(Digital SLRs fall outside this calculation.)

Example: A Canon with an N value of 4.5 has an equivalent depth of field at f 2.8 with a regular SLR set at f12.6. This means that you are sure to get much sharper front to back sharpness with the digital even with your lens wide open.

MONTHLY COMPETITION — PRINT DIVISION

Chair: Natalie Barton • Judge: N. Barton • June 2003

B&W Salon: (MO)/SAL) (8 prints)

- 1 Aspen GroveGerry RussellLivermore
- 2 Calla Lily #1Frank LahogueMarin
- 3 Native American EncampmentSherry GrivettLivermore
- 4 Fearful FelixCaroline GibbsMarin
- 5 TranquilityJohn BowdenBerkeley

B&W Advanced: (MO/ADV) (8 prints)

- 1 Mysterious ForestMorris JohnsonContra Costa
- 2 The Premo CameraMark KellerLivermore
- 3 Old and New, OaklandBarbara JamesAlameda
- 4 Cool JagMark KellerLivermore

B&W Amateur: (MO/AMA) (6 prints)

- 1 DuetSteve ZimmermanAlameda
- 2 A Bit of the PastMary ToolsonMillbrae
- 3 What?Janice HughesMarin

Color Self Salon:CS/SAL) (6 prints)

- 1 Moon Over SaluteBrian DearleContra Costa
- 2 Shepherd and StormEd EvansLivermore
- 3 Guardian Bench, Pt. ReyesJim HalpinContra Costa

Color Self Advanced (CS/ADV) (12 prints)

- 1 Low Tide Sunset, Pacific GroveRex MoreyLivermore
- 2 Shooting Star FantasyLarry SalvesonPeninsula
- 3 Reef with Blue Fish, BelizeGloria FraserMarin
- 4 A as in Abyssinian, C for CatCarol GallagherMarin
- 5 Great Egret WatercolorLarry SalvesonPeninsula
- HM Coral Brought in by TideMary ToolsonMillbrae

Color Self Amateur (CS/AMA) (6 prints)

- 1 Rusty HandleGail PierceMarin
- 2 Balanced RockRobin BraunfeldMarin

Color Comm. Salon (CC/SAL) (4 prints)

- 1 Fear of StrangersGerald HillMarin
- 2 Web of SteelSherry GrivettLivermore

Color Comm. Adv. (CC/ADV) (11 prints)

- 1 Rattlesnake GrassMaryann DanielsonPeninsula