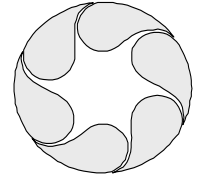


The f – Stop



Newsletter of the Camera Club of Brevard

July 2005

Next Meeting: 7:00 PM, Thursday, **July 21**, 2005, at the Henegar Center for the Arts, 625 E. New Haven Avenue, Melbourne.
July Monthly Program: Low light photography by **Marilyn Cook**
An Upcoming Field Trip – July 29 Cocoa village

Bank Hangings

We need framed photos for the **May** bank rotations. **Remember that the frames must have a wire on the back for hanging.** Please bring your photos to the meeting and give them to **Carlos or Linda Davis** or call (259-2470) to make other arrangements. **We will bring photos to the meeting only if you call and tell us you will be there. All others please call and make arrangements to pick them up at our house.** The Bank of America banks are located at: **Eau Gallie** – 202 E Eau Gallie Blvd, **Fifth Ave** – 333 5th Ave, **Satellite Beach** – 100 Scorpion Ct., **NASA** – 175 E NASA Blvd.

Eau Gallie: **Anne Du Bois** - North Florida Trail; Lotus; **John Alives** - Summer Day in Paris; Red Bottle; **John O Connell** - Red Head; French Perfume; **Larry Davis** - Lake Washington Sunset; **Lib Schiefner** - Colors Embard; **Tom Hand** - Lacey Lady; **Tom Hand** - On the Coast.

Fifth Ave: **Anne Du Bois** - The Red Door; Beach Reflection; St Francis; **Bob Sprinkle** - The Flower & the Fly; **Genie Jones** - Pecking Order; Mr Big Stuffy; **Hermann Schiefner** - Dogwood Tree; **Larry Davis** - Asheville Fall; **Tom Hand** - Castle Walls; Country Cottage.

Satellite Beach: **John Wilmer** - The Desert of Maine; **Keith Johnson** - Viera; Trees; **Lucy Rugg** - One Perfect Rose; The bloom is on the rose; Rose on tree; **Tom Hand** - Fishing Hole; Sheep Season; The Castle; Cape Hatteras Coast.

NASA: **Carlos Davis** - On the Ball; Taste of Tuscany; First Cup of the Day; **Hermann Schiefner** - Angels Trumpet; Camellia; Rock Formation; **John Wilmer** - Portland-Head Light; **Lib Schiefner** - Palm Frond; **Tom Hand** - Johnston Castle.

Ready for pickup: **Bill Meyers** - Impressions of Venice I; Still Life with pear and grapes; **Debbie Rather** - Pretty Predators; **Doctorsid** - Caged like an Animal; **John Alives** - Mrs. Mango's Blue Door; Foggy Morning; **John Wilmer** - Bass Harbor Headlight; **Keith Johnson** - Teton National Park; Yellowstone; Preserve; **Lucy Rugg** - Stone Bridge; Bridge into Spring; Red Bridge; **Mary Ann Skellett** - Alto, New Mexico Deer; **Patty Corapi** - Just Beginning; Sun Daze; The Passion; **Tom Hand** - Red Call Box; Abbey Entrance (England); **Wallace Weeks** - Old and older; Tulip V; Water on Coleus.

Field Trip to McKee Botanical Gardens

(Connie F. Hayes) On Saturday morning, June 25, nine of us went to the newly reopened McKee Botanical Gardens on US 1 in Vero Beach. With all the previous rainy weather, it was iffy, but you know photographers - we are a determined bunch! **Elaine Christian** came with 2 guests (**Cheryl** and **Shawn**), joined by **Richard Thomas**, **Herman** and **Lib Schiefner**, **Connie Hayes**, **Shannon McGregor**, and **Tracey Wright**. We

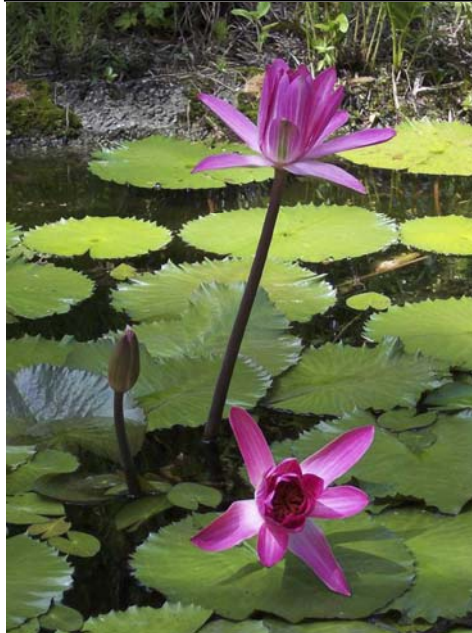
Membership Information

Single \$25 per year
Family \$30 per year
Student \$10 per year

For more information, call any officer listed in our club directory. Friends and guests are always welcome at our meetings!

Club Directory

President	Jim Ragan (255-1773)	Photo Display Coordinator	Carlos & Linda Davis (259-2470)
VP. (Programs)	Dr. Sid (698-6428)	F-Stop Editor	Carlos Davis (259-2470)
VP. (Field Trips)	Connie Hayes (779-1474)	Membership	
Secretary	Elaine Christian (259-4759)		
Treasurer	Tracey Wright (956-8187)		



McKee Botanical Gardens water lily.

Photo by Elaine Christian

actually got to see some sunshine for the first time in days, and have the photos to prove it. In fact, we discussed how cooperative the weather was: bright sunshine for the color photographs followed by patchy clouds for the B&W shots. Tracey set up and shot some infrared scenes, and Lib did macro work with tiny frogs on blossoms (so brave to be that close when the subject can jump!).

McKee Botanical Gardens had been

closed for 25 years, previously called McKee Jungle Gardens. The original 80 acres has been reduced to 18 acres, and the canopy has been damaged by the hurricanes, but the warmth of the staff and natural beauty of the grounds made us feel quite glad to have made the 40-minute drive. The original Hall of Giants is still there, with descriptive historical placards and video tape for a self-paced tour. In the Gardens, the water lilies and the old stone bridge are the outstanding current features for photo opportunities. Besides many other blooming plants, there were beautiful lobster claw heliconias, too, towards the back of the Gardens.

We met back at the on-grounds Cafe for lunch and discussions on what was neat to shoot, then scattered again for fresh angles. There was a Library and gift shop, but I confess to being too

occupied with the Gardens to see them. Shannon said that they were both nice (and air conditioned!). Then Elaine took quite a tumble and twisted her ankle - proving once again that it's not the alligators and snakes you have to beware of, but those darn ground gremlins....

If you didn't make it this time, we will be sure to go again. With the friendly staff, close location, and beautiful grounds, this could be a regular event.

The next field trip will be held at Cocoa Village July 29 at 7:30. Handouts will be given at the next meeting.

Member Accomplishments

Herman Schiefner sold a photo entitled "Azalea Corner" from the Satellite Beach Bank of America. **Herman and Lib Schiefner** have sold three framed photos from a local beauty salon. **Connie Hayes** won an Honorable Mention award at the Crealde School of Art in Photography last Friday.

Last Time

Commercial Photographer Dave Potter gave another outstanding presentation to CCB members. This month's topic was Macro Photography. Dave made several points that must be kept in mind while making your photo. One of the most important was that the key to great shots was lighting. In macro photography, you are sometimes very close to your subject. This makes lighting more challenging. To handle this situation, Dave will use mirrors and small cards in order to reflect light onto the subject. This is handy when photographing jewelry or small semi-conductor chips. Dave uses acrylic mirrors so they won't break when dropped. He also limits himself to one or two light sources. He has found that more lights are harder to control and sometimes results in unrealistic lighting. Surfaces that reflect light are sometimes a problem. Dave will use a white piece of Plexiglas and a white "tent" in order to avoid any hot spots. Jewelry is sometimes photographed against a blue background in order to make the gold stand out and present a very pleasing effect. Some objects will need to have small reflectors (white and black) positioned around them in order to cast white and

black reflections on the shiny objects. Gobo's (go between) are also used to block light from some parts of the scene and from the lens (to prevent lens flare). Glass is sometimes edge lit to make it stand out from the background. Another effective approach used to make the subject stand out is to use a shallow

depth of field (DOF). Dave tries to have 2/3 of the front of the scene in focus with the background kept in a soft focus.

Dave described several methods that can be used to get "close" to a subject. Close-up photography is normally defined as any thing in the range of 1/10 (1/10 life sized) to 1/1 (life sized) reproduction ratio. Macro photography is normally any thing over 1/1 up to 22/1 (22 times life sized) magnification ratio. Photomicrography occurs in the 40x and higher range and is generally carried out using a microscope. The best method is to use a lens that is specially designed for this type of work (e.g. AF 105mm f/2.8 Micro-Nikkor). Being slightly telephoto, this lens allows you to get away from the subject and allow for easy lighting. This approach will give you the highest quality photographs. An alternative to buying an expensive lens is to use a close-up attachment lens. Sometimes you can get a 1/1 ratio by using one of these lenses. Nikon has 7 different close-up lenses in different thread sizes (52mm and 62mm). If all you have are standard and wide-angle lenses, another method of obtaining high magnifications is to reverse-mount them by using a lens reversing ring. You need to be careful to choose a ring that will not mess up the auto focus contacts on the camera or the lens. Be sure to ask a camera store sales person to help you pick the correct ring. Another approach is to use extension tubes. Here the tube is placed between the lens and the camera. It extends the lens out away from the camera. You will need to compensate for the loss of light and everything will operate in the manual mode for most tubes. The extension tubes maintain the high quality of the lens that you are using where as the close-up attachment lens will add its own optics to the light path.

When Dave goes into the field, he does not go with a preconceived approach to the photo session. He says that most of the time the environment changes and he needs to be flexible enough to cover any situation. As an example: Dave was asked to photograph the back of a rack of equipment that was against a wall. His solution was to use a mirror, shoot into the mirror and reverse the final print to compensate for the mirror.

Dave concluded by reiterating that light was the key. You are painting with light and everything else was just tools. In addition, less is more. Fewer lights and less equipment are usually the rule of the day.

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