The FREEVIEW
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Refocus That Please – By Ralph Reiley

There were 3 club members at the November meeting, and about 60 members of the Dogwood City Grotto. I presented a short talk on the history of stereo photography, and Ken and Bill gave an outstanding discussion on the Fuji W3 with attachments and digital stereo video cameras that are available. Then Al Hess presented a 3-D slide show of his caving photos and the caving photos of another member of the Dogwood City Grotto. This was very well received program, and may lead to some interesting developments for out club.

December Program – December 9, 2011

The December program will be our usual digital slide and video extravaganza provided by Steve and Suzanne. Note the earlier time to start the meeting below. See details on page 2:

The meeting is the 2nd Friday of this month, **Dec. 9 at 6:30 p.m.** at the **1st Christian Church of Decatur**, located at **601 W. Ponce de Leon, Decatur, Ga. Road**, across the street from the Decatur Post Office, see our website at **Georgia3D.org,** for a map to the church. If you have any questions call Ralph Reiley @ 770-493-1375, reileys@att.net.

This month we will not meet for supper before the meeting, due to the lavish spread of food we will have at the meeting.

Note: Due to weather conditions, meetings have been canceled due to ice or snow. A new ASA policy is thus: If a scheduled meeting is canceled due to ice or snow, the following Friday will be the make up date.

2011-2012 ASA Schedule*

December 9, 2011	**Christmas Party, At the Church in Decatur**
January 13, 2012	View Master Night, Stereo Card Competition
February 10, 2012	PSA Traveling Show, Slide Competition
March 9, 2012	PSA Sequence Show, Digital Competition
April 13, 2012	Ken & Steve's 3-D Video Extravaganza
May 11, 2012	ISCC Judging, TBA

*Schedule subject to change

The Atlanta Stereographic Association was formed in 1990 to promote, preserve, and collect all forms of stereo photography, both past and present.

Meetings are held the 2nd Friday of each month, and start at **7:30 p.m.**, at the **1st Christian Church of Decatur**, 601, W. Ponce de Leon, Decatur Georgia.

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Membership Dues for 2011:

$30.00	for an individual,
$30.00	for couples/family
$30.00	for non-local
Free	for Off World (Proof Required)

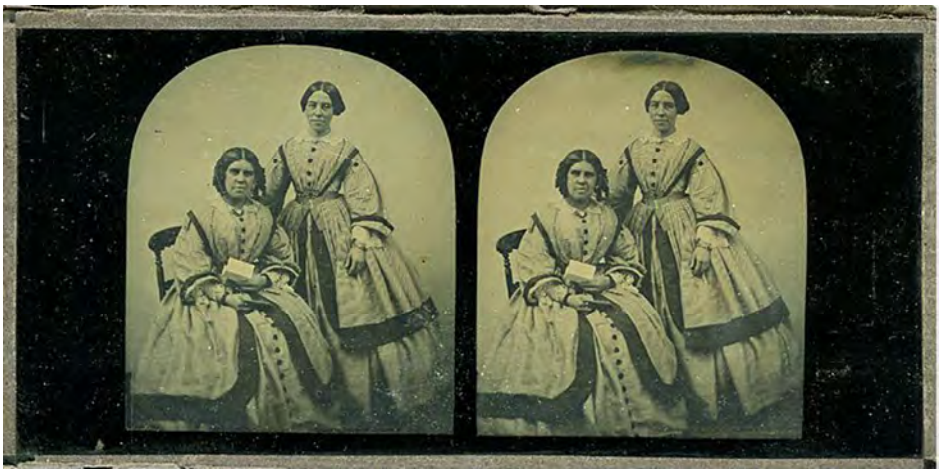
Dues to be paid Julia Moor at meetings, or mail her a check at 3169 Bolero Way, Atlanta, Georgia, 30341

Website:
Our website is **Georgia3d.com**; it contains details about the ASA and general 3-D information

The 2nd Page –Dec. 2011

Mystery Photo:

Can anyone identify the two women; I think it is two women? The one seated is one homely woman, or an early cross dresser. The first one to identify this pair will win a fabulous prize, to be announced.



Friday, Dec. 9, 2011 will be our annual Christmas Party. Bring a treat to share. The party starts at 6:30, a little earlier than usual.

Be prepared for the building and grounds to be filled with Christmas Tree selling activity. Note that the church sells a very high quality Christmas tree, as it is their biggest single source of fundraising. We have buying our Christmas trees there for several years.

Steve and Suzanne are providing the digital entertainments, so bring some treats and we will have a good time, and might have some pedestrian traffic at the slide shows and videos.

Henry Ford and Anton Lang discuss the matters of the day, high finance and Keystone stereoviews. Henry Ford, a truly American original character, with many admirable and detestable characteristics. Anton Lang was a potter, and actor, who played Jesus in the passion play at Oberammergau in Bavaria. He was a famous pacifist, and no friend of the Nazis. He died in 1938 from complications from an operation for a stomach ailment.

Technical Page by Charles A. Piper

Installment #26

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MAKE SURE YOUR SLIDES ARE PROJECTABLE

By far the most severe test of the stereo alignment properties of a slide is to project it. This is the reason why stereographers who hand view exclusively are usually quite happy with cardboard mounts. It is also the reason why slide bar pictures and hyper-stereo pictures, which looked great to the maker in his hand viewer, so often elicit only grumbles from judges when they are projected. Many of us have been brought up on (and adhere to) the theory that "If a little is good, a lot is better". In stereo photography there are two places where the adage might better read "If a little is good, less is better". The two places I refer to are: fore and aft depth in a stereo close-up, and baseline separation in a slide bar close-up. The overwhelming majority of poorly projecting stereo close-ups have either too much fore and aft depth, or too much baseline separation.

THE STEREO SYSTEM GROUND RULES

A standard American format 35mm stereo camera will make perfectly projectable pictures of subjects from 10 feet to infinity. The NORMAL or DISTANT mask will place the stereo window at 7 feet, so unless the maker misses his estimate of distance by more than 3 feet, he is still safe; nothing will come through the window, and the slide will project perfectly. A skilled maker will operate right down to 7 feet, but beginners had better not plan on having anything in the picture closer than 10 feet.

SAVING (?) A SLIDE

We now address the first trap the beginner falls into. He has learned that there are MEDIUM and CLOSE-UP masks. So the first time he shoots a picture with some foreground at 4 or 5 feet coming through the window, he decides to save it by putting it in a MEDIUM or CLOSE-UP mask. For purposes of hand viewing this does save the picture, but, if there is any distant material in the picture, it still won't project. There is too much fore and aft depth, and when the projectionist places the foreground objects in register on the screen, the distant objects are too far apart. If the near subject matter is at 5 feet, the farthest subject matter should be no farther than 10 feet, if the picture is to project well. And don't even <u>try</u> to take a picture with a stereo camera at closer than 5 feet if you intend to project it.

CLOSE-UPS

What about slide bar close-ups? This is where the real problems in projectability crop up, even with experienced makers. Let's go back and look at the stereo camera. The space between the lenses is 2-3/4 inches. The normal lower limit of good projectable pictures is about 10 feet or about 45 times the baseline. The window location is at 7 feet or 30 times the baseline. Therefore if you want your slide bar close up to be just as projectable as your landscape, plan on a baseline 1/40th or 1/50th of the distance to the subject. The object is to be able to mount the picture so that the effective viewing window is closer than the subject, so as to keep everything behind the window, but not to get the window closer than 30 times the baseline, which would cause projection problems. It should be easy to see that if you have a slide bar with a millimeter scale, and you take one millimeter each way of center for each inch of distance to the subject, you are using a baseline only 1/12th of the distance to the subject. It is <u>four times</u> too much! Instead, measure the distance to the subject <u>in millimeters</u>, point off two places, and set that amount either side of center. For example, with a subject distance of 200 mm, set the slide bar 2 mm each way. With some risk on projectability you might go to 3 mm, but not more.

DON'T TOE IN

Finally, don't toe in your camera. A simple explanation of the reason is that when you swing the camera, one end of the film is moving closer to the subject, making a larger image, while the other end of the film is moving away from the subject, making a smaller image. In the other position the magnification errors are reversed, so the effect is doubled. It will create eyestrain, and you won't know why.