



3D NEWS

From the Stereo Club of Southern California

AFFILIATED WITH THE PHOTOGRAPHIC SOCIETY OF AMERICA AND THE INTERNATIONAL STEREOSCOPIC UNION

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Mitch's Sketchbook

A Blazingly 3-D & Shaggadelic 2000



Mitch Walker © 2000
*Sorry folks, but I'm bored with the Millennium hype, enough already!!!!

The Stereo Club of Southern California was founded in 1955 to promote the art, enjoyment and science of stereo photography. Meetings, which normally include 3D slide projection, are held monthly. Visitors are always welcome. Annual dues are \$30/single or \$40/dual (send to the Membership Director). The 3D News, with a total circulation of about 250 copies, is sent monthly to all members. Annual subscription for those not wishing to participate in Club activities is \$20, and foreign subscriptions are \$25 (send to the Treasurer). Everyone is encouraged to submit stereo-related news items, articles, art work or photo tips for the 3D News—deadline is the last day of the month (send to the Editor).

January						
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February						
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27	28	29				

Calendar of Events

- Saturday, Jan 15** Oliver Dean's Slide Mounting Workshop. Call (310) 635-2400 or Email 3d-image@concentric.net for information and to reserve a seat (limited to four).
- January 20, 2000** Yes, it's the year 2000! It's also the third Club Competition of the fiscal year, and there will also be the PSA Stereo Sequence Exhibition. 7:30pm at Wilshire United Methodist Church, 711 South Plymouth Boulevard, near Crenshaw and Wilshire.
- January 22, 2000** Judging for the Hollywood Exposition. See Lawrence Kaufman's column for full details. **NOTE:** If you received your entry form in the mail, please note that THIS date is correct. There was a typographical error in the mailing.



Letters to the Editor

Dec 11, 1999

Dear Mitchell,

I was putting your entry form into the file of things to do soon and I suddenly noted your entry fee of \$9.00. After coming down from the ceiling I decided after these many years to not send to the Hollywood Exhibition. In fact I hope others join me in boycotting the Holly Exhibition due to the entry fee. Other exhibitions are much lower and I hope for the good of 3-D photography that they do not follow your example.

I've always enjoyed my association with the Hollywood Exhibition and sorry it must end. I guess with over 100 acceptances in 3-D I can and must find another outlet for my 3-D photography.

Yours in 3-D fellowship,
Otto Walasek

PS: Just looked up the card exhibition and I see it requires a \$9.00 entry fee. So I will not be entering the Card competition either, Sorry.

December 27, 1999

Dear Otto,

I hope you had a Merry Christmas

and the holidays for you and your family was a good one. I received your letter that you would not be entering the Hollywood Exhibition due to the increase in fees. I thought that I would explain why the increase. The SCSC board expected that people would think twice about entering or at least try to enter their best work.

After the dust settled and all the bills were paid for last years 41st Hollywood International Stereo Slide Exhibition and 1st Hollywood International Stereo Card Exhibition, expenses exceeded revenue by \$1,000. This depleted the SCSC bank account and there was talk about not hosting a 42nd Hollywood International Stereo Exhibition. SCSC was faced with some tough decisions. After 42 years, The SCSC board wasn't ready to call it quits. The board examined all the costs (postage, printing, medals, engraving, etc.) and made the tough decision to increase the fees. It is not our plan to make money on the event, we only hope to break even.

I certainly don't wish to see fewer entries this year, but I know some people like you will have to think twice about what they enter. Any feedback, dialog or suggestions on this subject would be most welcomed.

Thanks for the time and hope you will reconsider entering this year.

Sincerely,

Mitch Walker,
Chairman, 42nd Hollywood Exhibition

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The History Zone

A stroll through the history of stereography with Ray "3D" Zone

Mr. Anderson and the Ghostbusters

A recent posting on the Internet discussion group Photo-3D by Bill Moll inquired after the "Lentographs" by Victor Anderson 3D Studios, originally located in New Jersey. The Lentographs are 12" x 16" lenticular mounted 3D images that were sold commercially in the 1950s and 1960s. Victor Anderson was the man behind the Lentographs and it was his "Vari-Vue" Company which produced lenticular "flip" animation and 3D graphics for an array of clients from Coke to Chevron in the 1950s. These classic lenticular images are now one of the hallmarks of the 1950s and are highly collectible. Vari-Vue produced lenticular promotions and advertising in a vast quantity and they could be found as "Crackerjack" and "Cheerios" premiums or even as full-size lenticular billboards.

I met Victor in 1989 at the Optigraphics Company in Texas when I was producing the "Ghostbusters II" lenticular 3D point-of-purchase display for RCA/Columbia Home Video. The Optigraphics Company acquired all of the assets of Victor



The Vari-Vue factory is seen in this 1962 photograph.

Anderson 3D Studios sometime in the early 1980s.

The Ghostbusters II lenticular 3D was produced using a device of Victor's that may have been the same one used to produce the 12 x 16 Lentographs. It consisted of a 35mm movie camera mounted on a horizontal tracking rail. There was a setting for convergence so that the 35mm camera revolved slightly as it horizontally tracked an overall interocular distance of about 3 feet while filming a volumetric sculptural model at a distance of about 15 feet.

Of the many film frames produced in this fashion 20 intermediate frames were selected for photographic mastering to a positive film transparency. This multiplexed



Operator John Benanti (with Vic Drago in back) takes sight through Anderson movie camera for the Ghostbusters II lenticular.

positive transparency was then autostereoscopically viewed using a black line barrier grid (along with diffusion backing).

The positive film transparency was color separated for four-color process printing using a 300 line screen. The four-color printed sheets were then precision mounted to the back of a high grade lenticular plastic sheet (3/16" thick).

One of the products some of the older readers of 3D News might remember from the early 1950s is the Cheerios lenticular images that came glued right to the outside of the box. It was a real mistake in premium marketing because little hands in the supermarket tore those 2 inch square animated "flip" images right off the box and pocketed them. Victor laughed when I reminded him of this and said that the executives at Battle Creek tore their hair out over that one.

Shortly after the recent P-3D discussion I was contacted via email by a friend of Victor Anderson's who informed me that Mr. Anderson is still alive and 87 years old. Victor was very pleased to learn that people are still enjoying his lenticular work from years ago.

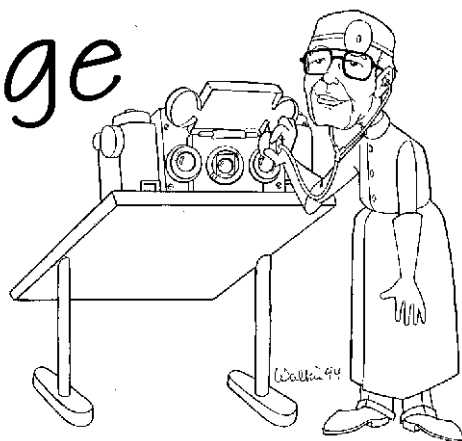
A list of Victor Anderson products such as the Lentographs and the "flip" **ZONE—Continued on page 4**



A stereo pair of the Ghostbusters II volumetric lenticular which was developed by Ray Zone and his associates using a camera rig first designed by Victor Anderson.

The Technical Page

Essays by SCSC's Stereo Doctor
Charles A. Piper



How Can I Make a Double Exposure...

Installment 114

with your first exposure.

And have it perfectly registered with the first exposure? With a Kindar, Realist, Revere, Verascope F40, or Wollensak you can just recock the shutter. The Kodak has a recocking lever, but it is on the bottom, and so is the rewind, so is inaccessible if you are on a tripod. Karl Kurz, manufacturer of the Vivid, has put a recock lever on some of them but it is hard to use if you are on a tripod. But there are a few other stereo cameras on which you can devise a procedure which will work.

A few cameras are designed for manual shutter cocking after film wind, so on these you need to fool the camera into thinking you are at the next frame and can recock the shutter. However on most 35mm stereo cameras, the film passing over a sprocket cocks the shutter. On these you need a method to back up the film, then go forward to recock the shutter, and be back in register with the first exposure. On those cameras which rewind without disconnecting the wind gearing, it is often possible. On cameras which disconnect when rewinding I know of no solution which retains the registration.

Belpasca

After the first exposure go to rewind, rewind a tiny amount until you hear a faint click, then wind forward back to where you were. Recock.

TDC Stereo Vivid

Make a mark on the wind knob so you can see how far it has turned. Pull up the rewind knob to the rewind position, pull up the wind knob, and hold on to it. Now rewind both knobs until the wind knob has made 3/4 of a turn. Push down both knobs and wind forward to a stop. If you have done this properly, you have now recocked the shutter, and are back in register

Viewmaster Personal

First learn the sequence of clicks as you wind. You will hear a loud click, then a faint click, then a very faint click, and finally another loud click, which indicates the shutter is now recocked. If you kept winding, you would quickly come to a stop, indicating you are now at the next frame, and have "blown" it. The idea is to wind very cautiously until you hear the second loud click, then wind back to a stop. You are now back to where you made your first exposure. There is a complicated procedure which will enable you to recover if you "blew" it.

Iloca II

This is an easy one like the Belpasca. Holding down the cocking lever rewind 1/4 turn on the rewind knob, then wind forward the same little distance to a stop. You can now recock and take your second exposure.

Kodak Stereo

If your tripod has a small enough platform that you can still reach the rewind lever, you can do a double exposure. Rewind 3/4 of a turn on the rewind knob, then go forward to a stop. You are now recocked and in register. If you have gone forward a smaller distance than you rewound, it means you rewound too far and went back to the previous frame. Cover the lenses, fire the shutter, and wind forward to a stop. The same comment also applies to the TDC Vivid.

I have not been able to devise a reliable double exposing procedure for TDC Colorist, Edixa, Iloca Rapid, or Realist 45. If I ever do, I will rewrite this article, but I presently think it is impossible.

ZONE—Continued from page 3

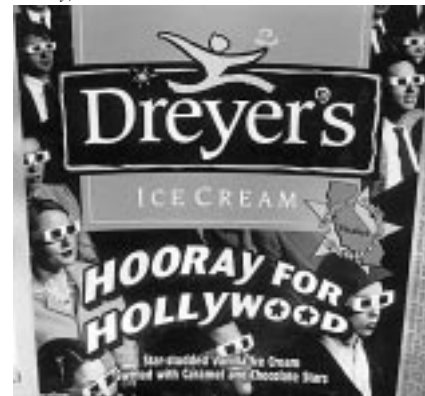
animations would be a real contribution to 3D history and an acknowledgment of the unique contributions of this stereographic innovator. An initial start on this project has been begun on the Internet. For those who are interested, the following websites depict some of Victor's "Vari-Vue" product from the 1950s and 1960s.

<http://www.alphaville.com/vari-vue-collection.html>
(Vari-vue Collection)

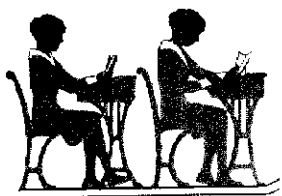
<http://www.alphaville.com/flicker-3d.html> (Vari-vue Flickers & 3D)

<http://www.alphaville.com/gallery.html> (Assorted Vari-Vue productions)

http://www.ddgn.com/carman/vv_his.htm (Vari-Vue History)



Cartons of Dreyer's "Hooray for Hollywood" ice cream feature a movie audience with 3D glasses (okay, they're *anaglyph* glasses—so much for historical accuracy). We never cease to be amazed that one of the most enduring icons representing the movie industry was born from what was basically a fad of little more than a year's duration, a half-century ago! 3D movies have had a deep-seated effect on more than just us few fanatics!



News and Notes from the SCSC Clubhouse

by Lawrence Kaufman



Be sure to pass along any 3D News to Marvin Jones. He would love your contributions to the 3D News. If you know of, or read about something 3D, pass it on to Marvin. The contact information is on the cover and the deadline is the last day of the month, but don't wait.

January Club Events

We have a very full evening planned for January 20, 2000. We will hold our 3rd Club Competition, in addition Mike McKinney is sponsoring a special second competition. Plus we will feature the PSA Stereo Sequence Exhibition. Cassie and I drove to San Diego last year to see last year's PSA Stereo Sequence showing. It was very enjoyable and I have heard really good things about this year's PSA Stereo Exhibition. Plus this will be the last chance to enter your slides or cards into the 42nd Hollywood Exhibition.

The club competition works the same as usual, you bring your three best slides, plus any make-up slides you need to enter. You cross your fingers and call the judges names under your breath as they score your slides.

For the special slide competition, bring three fabulous slides that depict "millennium" and see the previous paragraph, for the proper behavior during the judging.

We always enjoy the PSA Traveling Exhibition (which we will show in April). This year and hopefully for many years to come, we will feature the PSA Sequence Exhibition at our January meeting. These are the best stereo slide sequences that were judged last summer and first shown at the PSA Convention. The exhibition now travels from club to club until next summer, when the new sequence judging will be held. The Pasadena club is also showing the PSA Sequence Exhibition. The idea of the exhibition is similar to the View-Master exhibition, but using

stereo slides to tell a story. Lee Pratt does an outstanding job putting the show together with music and title slides.

The fun begins at 7:30pm at the usual place, the Wilshire United Methodist Church, 711 South Plymouth Blvd., at the corner of Wilshire near Crenshaw, west of downtown Los Angeles. We will meet as usual downstairs in the Plymouth Hall.

On January 22nd, we will judge the 42nd Hollywood Stereo Slide and Stereo Card Exhibition. This will again take place in Glendale. We would love to have you come join the fun (and even help out), it is a nice day of 3D stereo viewing with a great group of 'stereo' folks! The 42nd Hollywood Stereo Slide and Stereo Card Exhibition is being held on January 22nd (not January 23rd) at The First United Methodist Church, 134 N. Kenwood in Glendale. Get your slides or cards entered (by this month's meeting)! You can come and

join in the fun (and help out) if you like. Several showings are scheduled for February, including our February 17th meeting.

The High Price of Entering

SCSC did raise the price of entering the Hollywood Exhibition this year. Last year we added stereo cards and produced a wonderful catalog. But we also lost about \$1,000! The club was faced with the tough decisions of either not holding the Hollywood (since our treasury had been depleted) or raising the entry fees. After 42 years, we weren't ready to call it quits, so we were forced to increase the entry fees. We examined all the costs (postage, printing, medals, engraving, etc.) and made the tough decision to increase the fees. It is not our plan to make money on the event, we only hope to break even.

February Club Events

3D Movie Division Meeting

The SCSC 3D movie/video division has their quarterly meeting on



The centerpiece of this year's Christmas Banquet was a display of new View-Master viewers and personal and commercial stereo reels, courtesy of Mitch Walker and Charlie van Pelt.



Competition Director Mike McKinney is also the sponsor of this month's special theme competition.

February 5th in Arcadia. Bring any new 3D videos you have and your shutter glasses. We will have a discussion on the SCSC putting together a show for public access television. Anyone interested, should try to attend. Do any members have any experience with this type of outreach? The 30 minute show will include numerous 2 - 3 minute segments discussing 3D and stereo photography. We need producers for these segments. The meeting will commence as usual sharply at 7:00 PM on February 5th, at the Longley Way School, 2601 Longley Way at Las Tunas, Arcadia, CA 91007. website:<http://www.ausd.k12.ca.us/lw>.

On February 12th, we are planning to have another visit to The UCR/California Museum of Photography. This time we will do things a little differently. We will meet at the UCR/CMP in Riverside (40 miles east of Los Angeles) for what has become our annual tour of the home of the Keystone-Mast collection. The Keystone-Mast collection is one of the largest collections of stereo cards.

The UCR/CMP tour is from 11:00 am until about 1:30 p.m.. After a break for lunch (last year we met up the Main Street pedestrian mall, at Simple Simon's Bakery & Bistro - they also serve breakfast until 11:00 if you prefer). All are welcome to meet at this fine restaurant for lunch, known for their homemade soups &

salads, fine home-baked breads, pastries & croissants and exquisite cakes. Simple Simon's Bakery & Bistro is located at 3639 Main Street (909)369-6030, across from the famous Mission Inn. There are several other eateries up and down the block. UCR/CMP is nearby at 3804 Main Street (909)784-FOTO.

At about 1:30 PM, we will set up at the UCR/CMP for a 2:00 PM showing of the 42nd Hollywood Stereo Slide and Card Exhibition. Including projecting all accepted slides and viewing the accepted stereo cards. Please come along and add your support, it has been a while since SCSC has tried a different public showing. This event is being announced in the UCR/CMP flyer and is open to the public. I hope to see a good turn out, to help spread the word about stereo photography.

On February 17, 2000, SCSC will host (at our regular club meeting) another showing of the 42nd Hollywood Stereo Slide and Card Exhibition (there are four showings this year: Jewel City, Pasadena, UCR/CMP and SCSC). Including projecting all accepted slides and viewing the accepted stereo cards. As an added treat, David Thompson and Ray Zone have volunteered to put on a workshop to show how they each respectively mount stereo cards. You will get a chance to compare how they do their work with some great examples from the Hollywood Exhibition. Plus, that's not all! Our 'oldest' (in years and length of membership) member, Earl Colgan turns 96 on February 21st, come wish him Happy Birthday!

Upcoming camera shows: *The Buena Park Camera Expo*

America's Largest Monthly Camera Show. The show is held at 7530 Orangethorpe (between the 5 and 91 freeways at Beach Boulevard) in Buena Park. 10am to 3pm, \$5 admission, unfortunately the Athletic club is now charging \$3.00 to park in their lot. Over 200 tables of photo equipment. For more information call: (949)786-8183 or (949)786-6644. Future dates: Feb. 20, March 19 and April 16.

Bargain Camera Shows

Bargain Camera shows include the West Los Angeles Bay Area Camera

Show and Sale. Held at the Wyndham Garden Hotel, 5990 Green Valley Cr., 405 Fwy. to Supulveda N, next to Fox Hills Mall. 10am - 3pm. The show is usually the first Sunday of the month. Call to verify.

Pasadena Camera Show

Held at the Pasadena Elks Lodge, 400 W Colorado Blvd., 123 Fwy. to Orange Grove S. 10am - 3pm. Often held on the 2nd Sunday of the month, call to verify. For more information about these and other shows contact Anton, Bargain Camera shows, PO Box 5352, Santa Monica 90409, (310)578-7446.

Our Previous Meeting

December 16th was our SCSC Holiday Banquet. Mitchell Walker did a great job getting the door prizes awarded and putting together the View-Master program for the meeting. It was a nice break from the rush of the holidays, an evening of 3D camaraderie, a great meal and a nice View-Master program.

As was mentioned at the banquet, we do have a members who would like to sponsor a membership for someone who otherwise could not afford to join. SCSC is looking for such an individual. If you know of someone who can not afford the price of the SCSC membership, please contact our treasurer, David Kuntz.

Stereo Logo Clothes

I must say that I have not heard much response from folks interested in ordering their own SCSC logo



Chris Olson reminds us to get those V-M reels ready for June's View-Master Sequence Competition.

items. I would still like to hear from people who are interested, but I am less optimistic of getting a large order, which would keep the price down. In the past we have mentioned the 'Stereo Realist' and 'TDC' limited run logo shirts and caps. This past year, many of SCSC officers and board members received 'SCSC' logo shirts as a 'thank you'.

I had been approached by many individuals who wanted to own their own 'SCSC' logo shirt. I was going to attempt to purchase another small run of these shirts. They are polo-type shirts and are a navy blue color. With enough orders they will cost around \$25.00. The club will sell these at their actual cost. For now, I just need the names of the individuals who would like to purchase a shirt for (around) \$25.00. The shirts can be purchased in other colors and baseball caps are available if anyone should be interested in one of these also.

Technical Pages

In the past year or so Charlie Piper has again started up his Technical Pages in the 3D News. I keep getting asked "When will Charles Piper put out a book of Technical Pages?". He has his original set of Technical Pages available. His book's proceeds go to SCSC and can be ordered from Charlie directly at Charles Piper, 26810 Fond du Lac Road, Palos Verdes Peninsula, CA 90274 (310) 378-3294. Or have him bring a copy to the meeting. The price is only \$15.00, which covers the postage.

Dr T's Realist Book

Subscriber, George Themelis' book is now in its second printing and available right from the source: Dr T's Realist Book is \$35.00 (plus \$4.00 postage). It has received nice reviews. The most notable review is in the recent Stereo World magazine, Vol. 26, no. 2 & 3 by renowned Realist expert, Mark Wilke. Mark's concluding remarks are: "For a present-day slant on a 50-year old camera, this book is more comprehensive than anything else out there. I recommend it."

Send check, money order or cash to: George Themelis
10243 Echo Hill Drive
Brecksville OH 44141 USA
Email - DrT-3d@att.net

Jess Powell's Books

George (Dr. T) also distributes the stereo camera repair books and videos by well-known stereo camera repairman Jess Powell.

Books: These are \$15.95 each. Postage is \$2.50 for one book or \$4 for two or more. The books are 70-120 pages (5 1/4 x 8 1/2 inches) long and contain general information about each camera from Jess' unique "Repairman's View". Please note, these are not detailed repair manuals. Some general material is common between different books. The following titles are available:

- The Realist (78 pages)
- The Kodak (98 pages)
- Revere/Wollensak (136 pages)
- The Busch Verascope F40 (95 pages)

Videos: These are \$29.95 each. Postage is same as with books and you can combine orders. They are about one hour long during which Jess shows how to take the camera apart and repair common problems. These are very detailed and are a "home-production" (Jess' wife is recording), so don't expect a professional presentation. Still worth getting if you are serious about repairing a specific camera. The following titles are available:

- The Realist
- The Kodak
- Revere/Wollensak
- Busch Verascope F40
- TDC Colorist I and II
- The Kindar
- Stereo Graphic
- Iloca II
- Realist 45
- The Tower
- Tools and Where to Buy
- Evaluation of Stereo Cameras (This last one is a good one, two hours long. It is not a detailed repair tape but 12-13 cameras are discussed and compared with each other)

Books and tapes are also available directly from Jess Powell, 131 Bartlett Ave, Woodland, CA 95695 (530) 666-5334. Jess charges \$15.00 each (includes USA postage) for his books and \$29.95 (includes postage) for each video. Mr. Powell also repairs stereo camera (as does our own Charlie Piper). Jess charges \$59.95 for C/L/A on stereo cameras.

StereoJet Prints

Based on the Vectagraph process, San Francisco Imaging has been getting ready to debit these fabulous 3D images for several years. They are not cheap. They are currently offering two StereoJet sizes. the 8x10 is \$200 and the 17x24 is \$960. They hope to offer other sizes in the future. The images come with free cardboard polarized glasses to view them with. They can make transparencies, which requires a lightbox to be viewed or prints (an additional \$25).

They are finally far enough along to offer this press release:

"You live in a 3D world, see in 3D, and now FINALLY you can show your images in 3-D!

"San Francisco Imaging Services (SFIS) is proud to introduce StereoJet 3D prints and transparencies. This new digital hardcopy technology, developed by the Rowland Institute for Science, brings the stereoscopic image display to a new level of simplicity.

"StereoJet technology provides quality polarized 3D prints and transparencies. You may display StereoJet transparencies directly with backlighting or use an overhead projector for display on a silver screen. Source images may come from stereo cameras, 3-D modeling programs, CAD systems, instrument output, or scanners. We print on color inkjet printers using special StereoJet inks and media.

"SFIS StereoJet service provides prints and transparencies from 8"x10" to 16"x22" images. Light boxes for transparency viewing and also 3-D glasses (45) are also available from SFIS.

"Please visit our web page, www.sfimaging.com, for complete details. Future notices will provide updated information on 3-D software plug-ins, stereo photography tips, up-coming stereo seminars, trade show display, and user group schedules.

"Contact Ed Sliver or Beth Horne for further information: tel: 415 957-1369 fax: 415 391-1517 e-mail: stereojet@sfimaging.com"

At the Newsstands

WWF 'In Your Face' Attitude. This 3D special issue is the Best of '99. With two pairs of anaglyph

glasses and full of full page or two-page color 3D photos. www.wwf.com/pub/3dmag/index.html

Big Reel Issue 306, November 1999. Includes a three page interview with Bob Furmanek and his efforts to save vintage 3D films. <http://www.collect.com/bigreel/magazine.html>

Large Format 3D Films

There have been several 3D Large Format Films released this fall. They are all worth checking out. Here is a detailed look at them.

nWave's ALIEN ADVENTURE

The latest 3D large format (LF) film is ALIEN ADVENTURE. It had its soft opening in the Los Angeles area on August 20th at the Edwards Irvine Spectrum IMAX 3D theater and also the Edwards Ontario Mills IMAX 3D theater

ALIEN ADVENTURE is from writer, director Ben Stassen, nWave Pictures, <http://www.nwave.com> (in association with Iwerks Entertainment & Movida/Trix). The team that brought us THRILL RIDE: THE SCIENCE OF FUN (A 2D release through Sony) and ENCOUNTER IN THE THIRD DIMENSION (E3D has now been retitled 3-D MANIA - ENCOUNTER IN THE THIRD DIMENSION). It looks as though nWave has done it again! ALIEN ADVENTURE has a lot of pluses. It has great computer generated imagery (CGI). The soundtrack is superb. The film (in my eyes) must be commended, since it is not 'seen through the eyes of a child' as many LF films are (since they are trying to educate the audience - many of whom are school age children).

ALIEN ADVENTURE's aim was to be one of the very first LF films aimed exclusively at the entertainment market and the film IS a lot of fun. This however, will limit what theaters will play the film. It unfortunately does have a problem. A very big problem for many members of its audience. The film is basically four ride films stitched together with an alien story. Since many people do not like (or just can not take) ride films, the message should probably be more clear to the people who are entering the theater, before they buy their tickets.

The film had small display ads in

the Edwards theater chain ad announcing that the film was coming and then for about a week. The film played three times a day at both theaters. When the chain started their ISLAND OF THE SHARKS ads, there was no more display ads for ALIEN ADVENTURE. Several weeks later, when SHARKS began playing, ALIEN was moved to only two shows a day. nWave supplied plenty of in theater advertising for the film. Banners, standees and posters give some sort of hint that you are about to go on a 35 minute wild ride.

ALIEN ADVENTURE was previewed at the Giant Screen Theater Association's (GSTA) New York '99 Conference held September 11 to 15, 1999. As was SIEGFRIED AND ROY: THE MAGIC BOX. THE MAGIC BOX may well be one of the best 3D LF films ever made! Its theatrical premiere was quite different from ALIEN ADVENTURE's. THE MAGIC BOX's premiere was moved up to Thursday, September 23, in Los Angeles, and on Monday, September 27, in New York City. The European premiere in Berlin remained October 1. With openings at additional LF 3D theaters around the world.

Siegfried and Roy

THE MAGIC BOX premiere was moved up, due to Siegfried and Roy's extensive TV appearance schedule (actually started while the film was still in production). Siegfried & Roy's recent promotional tour began with "The Tonight Show starring Jay Leno" on Wednesday, September 22. The show taped at 5 p.m. at the NBC Studios in Burbank and aired that night. The following day, Thursday, September 23, Siegfried and Roy were honored with a star on the Hollywood Walk of Fame. The ceremony took place at 11:30 a.m. at 7060 Hollywood Blvd. The public (of course) was welcome.

The IMAX 3D motion picture, was produced with L-Squared Productions. L-Squared brought us T-REX: BACK TO THE CRETACEOUS, which had about four and a half minutes of 'virtual footage', THE MAGIC BOX has 18 minutes. Based on the master illusionist's lives premiered September 23rd with a gala celebration beginning at 7 p.m. at the

California ScienCenter at Exposition Park in downtown Los Angeles. On Friday, September 24, Siegfried and Roy faced the CNN "Showbiz Today" cameras for a live interview with host Jim Moret at 1 PM.

Following a flight to New York and an off day in the Big Apple, Siegfried and Roy resumed their television appearances on September 27, guesting on the "Today" show and "Live with Regis & Kathie Lee". They also taped the "Charlie Rose" show for airing that evening followed by a series of Fox network shows... "Fox and Friends," "Celebrity Spotlight" and "Fox News Now." They also taped radio interviews with "Entertainment Weekly Radio," "MTV Radio" and Westwood One Radio" before heading for the IMAX SONY Theater for the premiere and party.

Siegfried and Roy were also guests on "CBS This Morning" and "Later Today" on September 28 followed by New York regional and local television and print interviews. The New York phase of the movie tour was finished on September 29 when they did a live remote in Central Park for WHOT-FM radio.

LF Films Compete For Theaters

Also at the GSTA event were CIRQUE DU SOLEIL - JOURNEY OF MAN, which had its United States theatrical premiere moved to May, 2000 (It is still scheduled to open in Berlin this fall). This was done because the contract that Disney had for FANTASIA 2000 (affectionately known as F2K) requires that the LF theaters that run it commit to a 100% play schedule for the entire four months. Which means that the theater can play no other film for the entire four month period. This limits the number of theaters that can commit to such a play schedule. Many 'institutional' and 'museum' LF theaters already had contracts signed for DOLPHINS. Disney is taking a large gamble with a LF version of FANTASIA, but they could have reached a much larger audience, playing a few times a day at numerous theaters (even though many showtimes are already sold out!), than they will reach playing exclusively at fewer theaters.

See you at the meeting!



3D NEWS

Stereo Club of
Southern
California

VOLUME XLIV #8

FEBRUARY 2000

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Mitch's Sketchbook



The Stereo Club of Southern California was founded in 1955 to promote the art, enjoyment and science of stereo photography. Meetings, which normally include 3D slide projection, are held monthly. Visitors are always welcome. Annual dues are \$30/single or \$40/dual (send to the Membership Director). The *3D News*, with a total circulation of about 250 copies, is sent monthly to all members. Annual subscription for those not wishing to participate in Club activities is \$20, and foreign subscriptions are \$25 (send to the Treasurer). Everyone is encouraged to submit stereo-related news items, articles, art work or photo tips for the *3D News*—deadline is the last day of the month (send to the Editor).

February						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29				

March						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Calendar of Events

February 17

The accepted entries in the 42nd Hollywood Exhibition will be shown. Also David Thompson and Ray Zone will demonstrate dueling card mounting techniques and the PSA Sequence Exhibition. As if that weren't enough, it's time to celebrate Earl Colgan's 96th—yes, 96th—birthday! 7:30 pm at the Wilshire United Methodist Church, 711 South Plymouth Boulevard, near Crenshaw and Wilshire.

Saturday, Feb 19

Oliver Dean's Slide Mounting Workshop. Call (310) 635-2400 or Email 3d-image@concentric.net for information and to reserve a seat (limited to four).

March 16

Our fourth Club Competition (and special competition on the theme of "Money"). Also a program of AI Seig stereos.

April 20

PSA Traveling Exhibition, and the ever-popular London Slide Battle.

Workshops

Slide Mounting Workshop, Feb 19, Will Use New Teaching Tool

by Oliver Dean

Rio, my odd-ball green-cheeked conure, is a small bundle of curiosity and weirdness. About 6 inches long from tip of beak to rump, with an additional 4 inches for his maroon tail feathers, he has an inquisitive, shiny black beak trimmed with white at the nostrils, dark brown (almost black) head feathers with dark green cheek feathers, white rings around the black eyes, dark green body feathers with two-tone grey and cream chest feathers, and blue-black flight feathers under the dark green wings. He is insufferably cute (and he knows it!).

When I came home from the Stereo Club of Southern California auction with a TDC Project-or-View I had bought, I was sure Rio's curiosity about the new gadget would galvanize him into a flurry of questions.

With great enthusiasm, I put Rio on my shoulder and said, "Hey, Rio! Look at this! I've wanted one of these for years! It's a TDC Project-or-View! You can project a stereo slide either

on its self-contained screen or on an external screen, for viewing with Polaroid glasses!"

Rio's response: After pulling a pen out of my pocket and dropping it on the floor, he said, "That's nice. (Yawn!)," and, mumbling "Baby bird," promptly crawled inside my shirt, where he went to sleep under my left armpit (I told you he was weird!).

Taking care to keep my left arm held out rigidly at right angles to my body, I retrieved my pen from the floor and went back to the Project-or-View. What Rio didn't realize was that I had bought the seldom used viewing device because it was an excellent tool for demonstrating stereo window theory. By using a European stereo pair (each chip is 7-sprockets wide instead of the standard 5-sprocket wide Realist format), I could use the Project-or-View's built-in screen as though it were a Realist format mask, and I could show the effects of chip adjustments in the mask by adjusting

the horizontal and vertical controls.

One of the front-surfaced mirrors in the device had accumulated what looked like a 30 year layer of dust and air pollution deposits, which prompted me to do a complete disassembly and cleaning of all parts (this was very difficult to do while holding my left arm out to keep from disturbing Rio. Believe me, you don't want to startle a snoozing bird when his beak is at your armpit!). Now all I have to do is reassemble it...!

If you want to attend this Mounting Workshop, benefit from the new teaching tool, and meet Rio (who will be out of my armpit by then), please either e-mail me at 3d-image@concentric.net, or phone me at (310) 635-2400 (24 hours). The workshop, limited to 4 attendees, will cover:

1. Mounting fundamentals, window theory, and "blink testing."
2. Available masks and Speed Mounting.

Workshop—Continued on page 3

Visit our website at <http://home.earthlink.net/~campfire>

Competition News

No Millennium?

by Mike McKinney

The Millennium never happened! Way back in the last century (don't argue with me on this) I threw down a challenge to Club members to "capture the Millennium" as best they could. A competition would then be held during our January 2000 meeting and the winner would receive a gift certificate from REI in the amount of \$25. For a valid competition to be held I stipulated that a minimum of five participants were needed. Lacking five entrants the competition would be canceled, the prize money doubled, and a new competition would be held at the March meeting.

I now believe I have found what motivates you—greed. The gift certificate to be awarded will be in the amount of \$50. The theme, or subject matter, will be, "Money." Yes, the good ol' greenback; the stuff you had in your wallet on Friday and couldn't remember what happened to it on Monday; grease for the gears of enterprise; the paper that buys freedom, but entraps many; enough!

Three judges (properly bribed of course) will determine the ultimate image that best defines the capitalist tool. The greedy little winner will get the \$50 REI gift certificate. I, once again must have at least five greedy little participants to hold the competition. And for the ultra-greedy, no, I won't be increasing the pot if we have to yet roll it over again. Now go into the world and find the image that say's, "Money." Good luck.

See you in March.

• *Be there,
Mike*

A Group Standard

	Jan	Total
Scott Ressler <i>HM: The Wallpaper Demon</i> <i>HM: Straight Story #1</i>	65	198
Mike McKinney <i>HM: The Standout</i>	61	193
Chris Olson <i>HM: Rus-T</i>	J	192
Lawrence Kaufman <i>HM: A Warm Breeze Caressed My Breast</i>	63	191
Abe Perlstein <i>HM: A Warm Breeze Caressed My Breast</i>	62	190
Miles Clay	55	188
Phillip Steinman	62	187
Mitch Walker	62	187

Bob Phillips	58	187
Earl Colgan	57	186
Dave Porfini <i>HM: Contemplative Gator</i>	61	164
Dick Howe	55	160
Kathy Day <i>HM: Jumper</i> <i>HM: Old Growth Forest</i>	62	130
Todd Eifert <i>HM: Mirage</i> <i>A: Lioness</i>	69	69
Mark Kernes	—	62
Chuck Bernhardt	—	54
Tony Alderson	—	21

B Group Standard

	Jan	Total
Cassie Kaufman <i>HM: Desert Pony</i>	58	183
Derek Cowie	56	183
Bruno Lizzi <i>A: 1999 Xmas Lights</i>	101	101
Dorothy Bernhardt	—	59

Non-Conventional

	Jan	Total
Abe Perlstein <i>HM: Marley and Lucia</i> <i>HM: Touch Me There</i> <i>A: Beautiful Angles</i>	71	214
Mike McKinney <i>HM: Die Hard</i> <i>A: Mud Cracks</i> <i>A: Pink Salt Pans</i>	137	207
Earl Colgan <i>HM: Screened</i>	67	195
Derek Cowie	60	191
Jim Comstock	—	138
Mitch Walker	—	62
Scott Ressler	—	26
Tony Alderson	—	23

H'wood Winners List Postponed

We will present the entire list of the winners of the 2000 Hollywood Exhibition in next month's *3D News*. We thought the space would be put to better use in this issue with the following pages of winning images from the competition, digitally scanned for us as usual by George Walker.

Workshop—Continued from page 2

3. Mounting and cropping for projection and competition with:

- Realist and European metal masks (Albion) and glass
- Realist and European plastic masks (RBT) and glass
- Twin 2 x 2 plastic and glass mounts (Gepe)

Time: Saturday, February 19, 2000, from 2:00 PM to 6:00 PM (or later, if you want to stay for additional practice or questions).

Place: Residence of Oliver Dean, as well as Rio, Ralph, and Woodstock, at: 19009 Laurel Park Road, Space Number 174, Dominguez Hills, CA 90220-6055

Dominguez Hills is between North Long Beach and Torrance, NE of Carson, near the intersection of the Long Beach Freeway (710) and the Artesia Freeway (91). When you contact me, please let me know your e-mail or regular snail mail address, as well as your phone number, and I'll send you a detailed map showing how to get here from the 91 or 710 freeways.

Love is In The Air

by Marvin Jones

In the tradition of Valentine's Day, we are pleased to announce that on New Year's Day 2000, popular Club members Mike McKinney and Dan Gilvezan answered the Call of Nature and became betrothed. In all fairness, we should note that they did not, however, get engaged to *each other*. There were two more-than-willing young women involved—one per guy. Congratulations, Mike and Dan!



Hollywood International



PSA Gold for "Best of Show"
Robert Bloomburg
"Bats All, Folks"



Hollywood Gold Medal
Valeria Sardy
"Krissy and Shawn"



Silver Medal
Lorraine Vokoun
"Glowing"

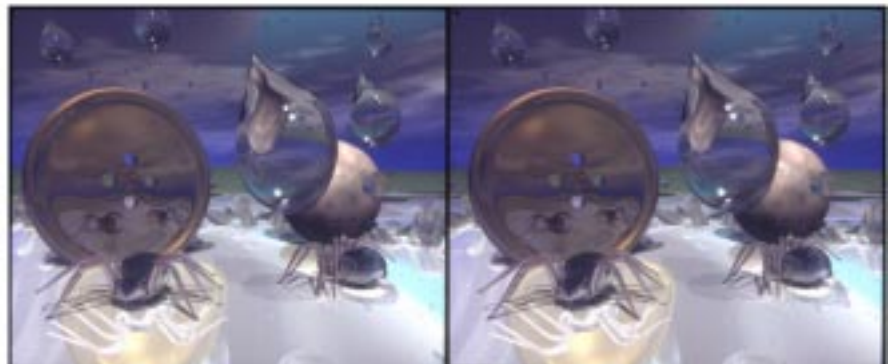
Stereo Exhibition 2000



Silver Medal
Prof. Dr. Werner Weiser
"Madeira Mountains"



Special Award for SCSC Member
Mike McKinney
"Smoked Trout"



Best New Exhibitor Medal
Harold Baize
"Looks Like Rain"

2nd Hollywood Card Exhibition



PSA Gold Medal
Gene Kirksey
"Hummer at Gloxinia"



Hollywood Gold Medal
Robert Bloomberg
"Black Hole"



Special Award for SCSC Member
David Saxon
"Cap Rock"

The History Zone

A stroll through the history of stereography with Ray "3D" Zone

The Marvelous Ducos Du Hauron

Though it was implemented shortly after the invention of stereography itself, the anaglyph has long been a highly recognizable but lowly stepchild in the arena of 3D. Using complementary colored red and blue lenses for left and right eye image selection is a cost-effective way to present a 3D image though some people may be troubled by the color 'bombardment' different to each eye necessary for the effect. Despite this, the anaglyph has proliferated and continues to do so as a viable means of stereographic presentation.

When stereoscopic views became tremendously popular in the 1850s, different investigators sought alternative means of displaying the stereo image. Helmholtz, in his "Treatise on Physiological Optics," cites the work of Rollman who in 1853 illustrated the principle of the anaglyph using blue and red lines on a black field with red and blue glasses to perceive the effect. By 1858 Joseph D'Almeida began projecting three-dimensional magic lantern slide shows using red and blue filters with the audience wearing red and blue goggles.

D'Almeida's work was continued by Molteni but it is to Louis Ducos Du Hauron of Algiers that we owe the first printed anaglyphs. Many of the 3D pioneers, like Du Hauron, the Lumiere brothers and Frederick E. Ives, were exploring the nature of color in photography and it was through this work that their invention of anaglyphic processes came about. The thrust of their efforts was to create a more perfect replication of nature through photographic reproduction and the attempts to capture color as well as 3D information in an image can be seen as an expression of that goal.

To Du Hauron we must credit the discovery of subtractive filtration, the active principle behind the anaglyph. In his 1869 book titled "Les Couleurs en Photographie," Du Hauron disclosed many major facts



It is to Louis Ducos Du Hauron of Algiers that we owe the first printed anaglyphs.

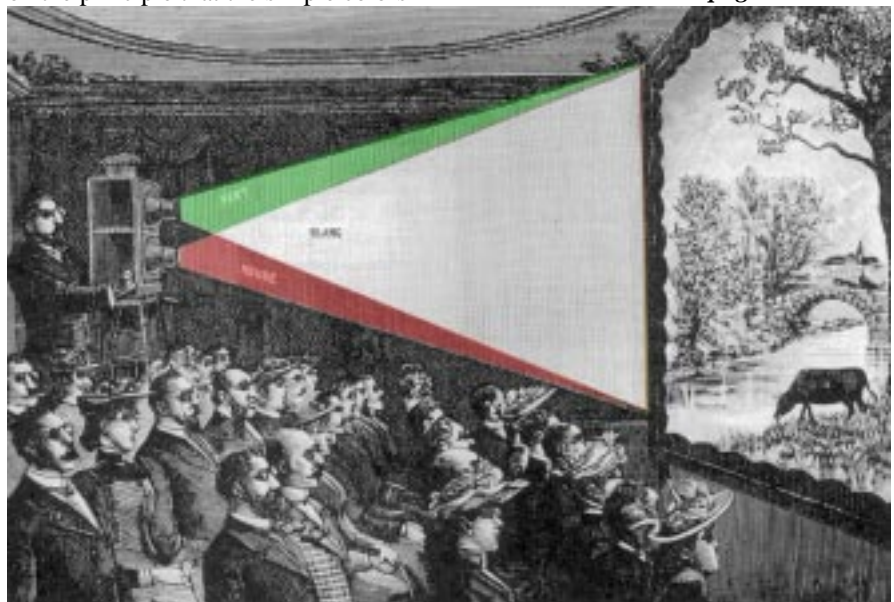
concerning principles of color in both photography and printing. Seven years previous, in a letter of 1862 Du Hauron had written: "Physical Solution of the Problem of Reproducing Colors by Photography. The method which I propose is based on the principle that the simple colors

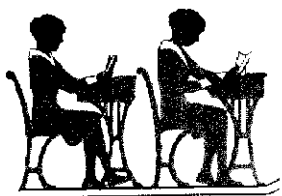
are reduced to three—red, yellow and blue—the combinations of which in different proportions give us the infinite variety of shades we see in nature."

By exposing black and white negative film through filters of these colors, a three-color separation is produced. This is the underlying principle behind all color printing. In 1870 a three-color lithograph was produced from Du Hauron's design that demonstrated his principle.

With subtractive filtration in the anaglyph, it can be seen that the red lens sees the blue image and cancels out the red. The blue sees the red and cancels blue. Because a given color filter cancels out the same color in the photo or print it is called "subtractive."

Du Hauron was a champion of the printed anaglyph. He obtained patents in 1891 in France and in 1895 in the United States (patent no. 544,666) for printed anaglyphs which he claimed produced a better stereoscopic image than when used in three-dimensional projected shows because they used "neither darkness, screen, nor magic lantern." When panchromatic black-and-white film, or film that "sees" color, was invented in 1890 the **Zone—Continued on page 12**





News and Notes from the SCSC Clubhouse

by Lawrence Kaufman



Be sure to pass along any 3D News to Marvin Jones. He would love your contributions to the 3D News. If you know of, or read about something 3D, pass it on to Marvin. The contact information is on the cover and the deadline is the last day of the month, but don't wait.

February Club Events *UCR/CMP Tour*

On February 12th, we are again visiting The UCR/California Museum of Photography. This time we will do things a little differently. We will meet at the UCR/CMP in Riverside, 40 miles east of Los Angeles. Even though we have visited the museum every year for the last several years, this might be the last opportunity before the 2002 NSA convention. UCR/CMP is the home of the Keystone-Mast collection, one of the largest collections of stereo cards.

The UCR/CMP tour is from 11:00 am until about 12:30 p.m.. After a break for lunch (last year we met up the Main Street pedestrian mall, at Simple Simon's Bakery & Bistro - they also serve breakfast until 11:00 if you prefer). All are welcome to meet at this fine restaurant for lunch, known for their homemade soups & salads, fine home-baked breads, pastries & croissants and exquisite cakes. Simple Simon's Bakery & Bistro is located at 3639 Main Street (909) 369-6030, across from the famous Mission Inn. There are several other eateries up and down the block. UCR/CMP is nearby at 3804 Main Street (909) 784-FOTO.

At about 1:30 PM, we will set up at the UCR/CMP for a 2:00 PM showing of the 42nd Hollywood Stereo Slide and Card Exhibition. Including projecting all accepted slides and viewing the accepted stereo cards. Please come along and add your support, it has been a while since SCSC has tried a different public showing. This event is being announced in the UCR/CMP flyer and is open to the public. I hope to see a good turn out, to help spread the word

about stereo photography.

Our February Meeting

On February 17, 2000, SCSC will host (at our regular club meeting) another showing of the 42nd Hollywood Stereo Slide and Card Exhibition (there are four showings this year: Jewel City (February 1st), Pasadena (February 10th), UCR/CMP and SCSC). Including projecting all accepted slides and viewing the accepted stereo cards. As an added treat, David Thompson and Ray Zone have volunteered to put on a workshop to show how they each respectively mount stereo cards. You will get a chance to compare how they do their work with some great examples from the Hollywood Exhibition. Also planned is the showing of the PSA Sequence Exhibition that was delayed from the January meeting, due to being 'lost' in the mail. A full evening, for sure! But that's not all...Our 'oldest' (in years and length of membership) member, Earl Colgan turns 96 on February 21st, come wish him Happy Birthday!

The PSA Sequence Exhibition did show up the day before the January meeting and we have made arrangements to keep it until we can show it in February. We always enjoy the PSA Traveling Exhibition (which we will show in April). This month we will also feature the PSA Sequence Exhibition. These are the best stereo slide sequences that were judged last summer and first shown at the PSA Convention. The exhibition now travels from club to club until next summer, when the new sequence judging will be held. The Pasadena club is also showing the PSA Sequence Exhibition (on February 10th). The idea of the exhibition is similar to the View-Master exhibition, but using stereo slides to tell a story. Lee Pratt does an outstanding job putting the show together with music and title slides.

Two PSA shows will be great. I was at the Hollywood judgments and the images were all great! The

evening is so full, we must begin on time to squeeze everything in. Try to arrive early, so we can get the room set up and get a head start.

The fun begins at 7:30pm at the usual place, the Wilshire United Methodist Church, 711 South Plymouth Blvd., at the corner of Wilshire near Crenshaw, west of downtown Los Angeles. We will meet as usual downstairs in the Plymouth Hall.

Other Upcoming Meetings:

- March 16th—4th Club Competition / Special "Money" Competition / "Wonders in Stereo" by Al Sieg.
- April 20th—PSA Traveling Exhibition / London Slide Battle
- May 6th—Movie Division meeting
- May 18th—Final Club Competition / Lincoln Kamm Programs
- June 15th—View-Master Competition
- July 6th—July 10th - NSA Convention in Mesa, AZ
- July 20th—Awards and Installation Banquet / Slide of the Year

Upcoming camera shows:

The Buena Park Camera Expo

America's Largest Monthly Camera Show. The show is held at 7530 Orangethorpe (between the 5 and 91 freeways at Beach Boulevard) in Buena Park. 10am to 3pm, \$5 admission, unfortunately the Athletic club is now charging \$3.00 to park in their lot. Over 200 tables of photo equipment. For more information call: (949) 786-8183 or (949) 786-6644. Future dates: Feb. 20, March 19 and April 16.

Bargain Camera Shows

Bargain Camera shows include the West Los Angeles Bay Area Camera Show and Sale. Held at the Wyndham Garden Hotel, 5990 Green Valley Cr., 405 Fwy. to Supulveda N, next to Fox Hills Mall. 10am - 3pm. The show is usually the first Sunday of the month. Call to verify (see below).

Pasadena Camera Show

Also a 'Bargain Camera show', Pasadena is held at the Pasadena Elks Lodge, 400 W Colorado Blvd., 123 Fwy. to Orange Grove S. 10am - 3pm. Often held on the 2nd Sunday of the month, call to verify. For more information about these and other shows contact Anton, Bargain Camera shows, PO Box 5352, Santa Monica 90409, (310) 578-7446.

Our Previous Meetings

Jan/Feb Club Events

We had a very full evening January 20th. We held our 3rd Club Competition, with a lot of great images. The special competition sponsored by Mike McKinney was postponed and changed, due to a lack of interest. The new theme is 'Money' and the prize has doubled. So get your '\$\$\$' slides together (or go take some) for our special 2nd competition, to be held in March.

The featured program, the PSA Stereo Sequence Exhibition was lost in the mail. But Abe Perlstein and Lynn Wyatt came to the rescue by throwing together fabulous 'Best of' shows and the images were truly wonderful. I have seen many of Lynn's stereo pairs in his hand viewer, but projected they are even more unbelievable. Lynn shot many of his hypers with a single camera and left them in the photo lab mounts and they were ready to project. Abe consistently presents his fabulous work in our club competitions, it is beyond me how he can come up with 'his best' (all of his work, in my mind, is his best). Thanks guys for coming to the rescue, I hope to see more of your work in the near future.

On January 22nd, we met in Glendale for the judging of the 42nd Hollywood Stereo Slide and Stereo Card Exhibitions. We had more than enough volunteers join in the fun (and they even helped out), it is a nice day of 3D stereo viewing with a great group of 'stereo' folks!

The 42nd Hollywood Stereo Slide and Stereo Card Exhibition's first showing was held on February 1st at The First United Methodist Church, 134 N. Kenwood in Glendale, during the Jewel City Camera Club meeting.

The 3D Movie/Video Division met for their quarterly meeting on February 5th in Arcadia. The intimate

group enjoys 3D videos and discussion of new 3D/stereo products the first Saturday in February, May, August and November. Discussion continues on the SCSC putting together a show for public access television. Anyone interested, should try to attend or contact one of the officers. Do any members have any experience with this type of outreach? The 30 minute show will include numerous 2 - 3 minute segments discussing 3D and stereo photography. We need producers for these segments. The 3D movie/video meetings commence sharply at 7:00 PM at the Longley Way School, 2601 Longley Way at Las Tunas, Arcadia, CA 91007.

website:<http://www.ausd.k12.ca.us/lw>.

Financial Help For One Member

As was mentioned at the banquet, we do have a member who would like to sponsor a membership for someone who otherwise could not afford to join. SCSC is looking for such an individual. If you know of someone who can not afford the price of the SCSC membership, please contact our treasurer, David Kuntz.

New Stereo Books

There continue to be new 3D books coming out. Steve Berezin brought some to the last meeting. Ray Zone was showing off (and selling) some of his current 3D comics also at the last meeting.

Two that are available from Amazon.com feature the stereo photography of master sports photographer David Klutho who won an award for best stereo cards at the

Green Bay convention this year. The images are presented as full color stereo pairs and the books come with a stereoscopic viewer.

They are very affordable - only \$8.49 from Amazon - they retail for \$9.99. Here is the info for anyone interested: Goals (NHL 3-D Stereofocus) 32 pages (August 1999) Somerville House USA
<http://www.amazon.com/exec/obidos/ISBN=1581840314/stere3dbooks3dboA>

Saves (NHL 3-D Stereofocus) 32 pages (August 1999) Somerville House USA
<http://www.amazon.com/exec/obidos/ISBN=1581840322/stere3dbooks3dboA>

Edwin Land's Biography

I have always been interested in Edwin Land and his many inventions (Polaroid, Instant cameras, etc.). So I was thrilled to find a 1998 hardcover biography, Insisting on the Impossible: The Life of Edwin Land (Sloan Technology Series) by Victor K. McElheny Which Amazon.com has for \$21.00 (List Price: \$30.00) (down from \$22.50 a few weeks ago on Amazon)
<http://www.amazon.com/exec/obidos/A/SIN/0738200093/qid=947085360/sr=1-2/102-1393652-4480045>

But I was even more thrilled when I found it in a close-out bookstore at an outlet mall, hardbound for \$6.00 (plus tax). It is a well-researched book on the man who was second only to Edison in obtaining patents. The book has a chapter on 3D, movies, etc.

I had offered to pick up a couple of copies (based on availability) for a couple of SCSC members and bring



Judges look over the many stereocards submitted to the Hollywood Exhibition for 2000, under the supervision of stereocard competition director David Thompson (right).

them to last month's meeting. The interest in this book at \$7.00 delivered to the meeting was greater than the supply of books at this price. I checked all the areas discount book stores (even the ones in Barstow and Las Vegas). The only remaining copies I could find are priced at \$10.00. A contact in Michigan said that he could not find it discounted at all.

Free View-Master reels

There are a few examples of how science comes to life on the San Diego Supercomputer Center's website:

<http://www.sdsc.edu/Publications/ScienceAlive> Each volume is also available as a ViewMaster reel of 3D images. For a free set of the reels, send your name and address (as soon as possible, this can't last) to David Hart's email: dhart@sdsc.edu. or David Hart, SDSC, UC San Diego, MC 0505, 9500 Gilman Drive, La Jolla, CA 92093-0505. (858) 534-5000 or (858) 534-5152 (fax)

These are included on the set:

- Volume 6—1997
Trypsin Inhibitor
Anatomic Model of a Rabbit Heart
Collagen from a Mouse Heart
Proteins Bind to Clot Blood
HIV-1 Protease Drug Docking
HIV-1 Protease with Inhibitor
Protein Kinase Physical Model
- Volume 5—1995
Stable Knotted Vortex Ring
Kuratoskiaphane

C20
San Diego Bay Bathymetry
Protein Folding Pathway
Sequoia 2000 Climate Visualization
Educational Interactive Multimedia

- Volume 4—1994
Composite Materials
Crash Testing
Wind Flow over Mountains
Aircraft in Flight
Kidney Substructure
Protein Structure
- Volume 3—1993
Los Angeles Air Quality
Sea Floor and Continents
Fetal Ultrasound
Corrannulene
Regional Climate
Boron Cluster
Supercoiled DNA
- Volume 2—1992
Protein "Sculpture"
Dolphin Skull
Building Design
New Materials
Ocean Floor
Dynamics of fluids
- Volume 1—1991
DNA with "Hiding" Carcinogen
Air Quality, Los Angeles Basin
Human Brain
Chemical Bonding
Protein Kinase
Dolphin Head (Musculature)
Nerve Cell

Farewell to Legends

The Passing Parade seems to be filling up again. I thought I would take just a moment to bid our fond

farewells to some legends that have road into their own sunsets.

Bill Duggan

To the many who have attended NSA conventions over the past decade or so, great stereo photography advocate, a fixture, a workhorse, an individual who never hesitated to contribute his time, energy, a very kind man who will be missed by many.

Bill missed the last NSA convention, due to heart trouble. He was to go into the hospital for heart surgery, but decided not to do it. Bill is believed to have passed away on January 20th.

Dorothy Mobley, Bill's companion for the last five years would love to hear from Bill's friends, direct mail to her e-mail at: Dmobley896@aol.com

John Baird

Also, a pleasure to meet at past NSA conventions was John Baird. John did figure studies in stereo and in addition to doing fabulous light paintings he conducted light painting workshops at some past NSA conventions. After a long battle with cancer, John passed away last fall

Clayton Moore

Don't know if I can sneak this one in or not. I always have been a fan of early television, and what better example then "The Lone Ranger"? I had met Clayton Moore numerous times and he was always very hospitable and pleasure to speak with. He kept his personal life very secretive also, all part of the mystery behind him becoming his character.

Bill Duggan, John Baird and Clayton Moore all made this crazy world a better place by sharing themselves with us, I will miss them all.

Film Mailers

I have mentioned several times before that my favorite film is Kodachrome. Since I had trouble getting it developed uncut, I was happy to find the professional work done by A&I Lab to be so easy and quick. I have been using the A&I mailers that can be purchased from B&H. They cost \$5.49 each which is slightly more expensive than the kodak equivalent (\$4.29 each).

I order them from (888)666-5199, I prepay and have enough around so I



Put away your lorgnettes—this is not a stereo pair! It's the star of movies, television, and View-Master reels, Clayton (The Lone Ranger) Moore, meeting over the years with our very own prez, Lawrence Kaufman.

can just drop them in the mail and my slide film is returned in a few days. They do provide dependable, fast service. A&I processes the film within 24 hours after arrival. I have been very pleased with the slides returned as well as the prompt service. The only problems that I have had is with the post office, they sent a mailer back to my return address that was printed on the back of the mailer!?!)

Kodak Hires New CFO

Hopefully they won't make any major changes, such as discontinuing Kodachrome 25. Eastman Kodak has hired Robert Brust, formerly of Unisys Corp., as CFO effective Jan. 3. Brust is responsible for worldwide financial operations, including financial reporting and analysis, treasury, audit, control, tax and investor relations. He succeeds Jesse Greene, who will continue as senior vice president and director of Kodak's strategy and information systems.

Upcoming PSA Exhibitions

The list is featured each month in the PSA Journal. If you are not a PSA member, you should really think about joining. PSA approved means that those acceptances earned in these exhibitions count towards PSA Star ratings and the PSA Stereo Who's Who list. However, neither PSA, ISU, or NSA membership is required to participate in these exhibitions. They are open to all photographers world-wide. Closing dates and contacts for upcoming PSA Stereo Exhibitions:

- 43rd Wichita International Exhibition of Photography. Format: Stereo Slides, Stereo Cards (and 7 other categories). Closing date: March 6, 2000. Sylvia Herheim, 3321 S. Knight St., Wichita, KS 67217-1140 USA. N.Amer.-\$5, Others-\$6 Email: azimmer@feist.com
- Chicago Lighthouse, Format: Stereo slides and Stereo cards. Closing date: Mar. 8, 2000. Marion L. Smith, FPSA, 145 W. Park Ave., Wheaton, IL 60187-6459. Slides: \$7, Cards: \$8. Email: Msmithpsa@aol.com
- Southern Cross. Format: Slides. Closing date: March 30, 2000. Mr. C. V. Bennie, 60 Burnell St., Five Dock, NSW 2046, Australia.

N.Amer.-\$8, or \$6 for non glassed (plastic or cardboard) slides in an envelope (flat pack), Others-\$8. (discount available). Email: raymoxom@tpg.com.au Any members want to do a bulk mailing to the Southern Cross exhibition?

- Cordova. Formats: Stereo slides and Stereo cards. Closing date: Apr. 20, 2000. Phyllis Rander, APSA, 4212 Eastwood St., Fair Oaks, CA 95628-7650. N. Amer.-\$5, Others-\$6.
- Stereoscopic Society of America. Format: Stereo cards. Closing date: May 27, 2000. Bill C. Walton, 3739 Meadowlark Dr., Columbus, GA 31906 USA. Email: bill3dbw3d@juno.com, N. Amer. -\$7, Others \$7 or equivalent.
- Rocky Mountain. Format: Stereo slides. Closing date: May 29, 2000. David K. Morison, APSA, PO Box 1786, Grand Junction, CO 81502-1786. N. Amer. - \$6, Others \$7
- The View-Master Sequence Exhibition. Format: View-Master reels. Closing date: June 15, 2000. Christopher Olson, PO Box 8834, Universal City, CA 91608-8834. USA-\$7, All others-\$9. Email: GEORGKAPLN@aol.com

Academy Honor Adds to Iwerks Trophy Case

Iwerks® Entertainment and the leading-edge technology it provides the entertainment industry have once again been recognized by The Academy of Motion Pictures Arts and Sciences. L. Ron Schmidt and Iwerks' patented Linear Loop® Film Projector technology have joined Iwerks founder Don Iwerks as recipients of an award bestowed by the Academy.

Schmidt, inventor of Iwerks Entertainment's patented Linear Loop Film Projector technology, was recently announced as the recipient of an Academy Award® for Scientific and Technical achievement for the Linear Loop's superior concept, design and engineering. Iwerks acquired the patent for the Linear Loop technology as part of its acquisition of Pioneer Technology Corporation in 1997, founded by Schmidt and Iwerks' Senior Vice President of Operations Don Stults, in 1976.

Schmidt will receive his award

from the Scientific and Technical Academy Award Committee in a special ceremony Saturday, March 4, 2000, at the Regent Beverly Wilshire Hotel in Beverly Hills, Calif. Iwerks founder Don Iwerks was awarded the Gordon E. Sawyer Award in 1998 by the Academy Board of Governors in recognition of his exceptional long-term accomplishments toward the advancement of the science and technology in the entertainment industry.

"Ron has developed a truly superior product and we wish to congratulate him on this tremendous achievement. The Linear Loop projection system is a key element of many Iwerks projects, including our successful Iwerks Extreme Screen™ Theatres being installed currently in locations throughout the world," said Charles Goldwater, Iwerks' president and chief executive officer.

The award-winning Iwerks Linear Loop technology is in operation throughout the world in both new and existing Iwerks locations, including Large Format theatres and attractions in Asia, Australia, Europe, North America and South America. Iwerks' motion picture film projectors, equipped with Linear Loop technology, provide superior print handling, image steadiness, screen illumination and enhanced viewer experience by means of an ingenious, yet extremely simple, air-driven mechanical transport system.

Scientific and Technical Awards are given for devices, methods, formulas, discoveries or inventions of special and outstanding value to the arts and sciences of motion pictures and that also have a proven history of use in the motion picture industry. The Gordon E. Sawyer Award is a prestigious honor and was presented to Iwerks as part of the 70th Academy Awards telecast in 1998.

Iwerks' utilization of Linear Loop technology spans the entire scope of its extensive operations in Giant Screen theatres, ride simulation and all aspects of film presentation. Since its inception, Iwerks has developed and licensed a number of cutting-edge products, including Large Format 8/70 and 15/70 cameras, motion simulation systems and 3D/4D FX technology.

Academy Picks Short List On Shorts

In this year's Oscar category for best live-action short film, the Academy of Motion Picture Arts and Sciences has narrowed the field to 10 titles after a preliminary round of judging. The remaining short films are "Teis and Nico," "Cirque Du Soleil - Journey of Man" (a LF 3D film, which will receive major release on May 1st), "The Dance of Shiva," "John," "Killing Joe," "Small Change," "Major and Minor Miracles," "Mutual Love Life," "My Mother Dreams the Satan's Disciples in New York" and "The Witness." The films will be screened for Academy members of the short film branch, who will then select the five nominees. The Academy will announce the nominees Feb. 15.

Large Format 3D Films

Imax has taken advantage of the success of "Fantasia 2000" and released a press release about their "Cyberworld", which won't be released until next fall. The film will be 3D and include the Simpsons and a clip from "Antz". There were several 3D Large Format Films released last fall. They are all worth checking out. Here is a detailed look at them.

More on ALIEN ADVENTURE

ALIEN ADVENTURE begins with our friend M.A.X. (the flying robot) from nWave's last 3D LF film, E3D. Max (unnamed in this film) delivers a tongue-in-cheek warning, "Welcome to our virtual theme park. Using state-of-the-art digital technology, we are about to transform this theater into a multi-dimensional experience of sound and motion.

"Warning: if at any time you feel disoriented or dizzy, please try one or more of the following remedies:

- A. Grip your armrest firmly.
- B. Keep your eyes on the center of the screen.
- C. Scream.

"If none of these options seem effective: Close Your Eyes. This will eliminate dizziness, however your ability to follow the action will be greatly diminished".

The film begins with some great computer generated imagery (CGI). The outer space footage is done very well (the Earth image and a closer

shot of the South Western United States are actually very high resolution satellite images). There are nice additions, such as lens flair to make the footage look realistic. nWave is testing the limits of CGI technology by creating the first full length (more than thirty minutes) digitally animated film for the large (very large) screen.

We quickly realize that the film is not going to be seen through the eyes of a child, but instead will be seen through the eyes of aliens. The aliens have their own language (their language is actually Walloon, an ancient French dialect spoken by a group of people in the southern part of Belgium). I for one would have liked to have had subtitles! Luckily, I had the press kit, so I knew what was going to happen.

Not a conventional dramatic story, the film is a fully immersive experience. 70% of the film is recorded with a subjective camera, bringing the viewers into the film. The parallax, depth of field, deep focus and out of the frame images make the sensation that you are actually on the rides even more realistic.

The limited narration of the film, tells us that the Glagoliths, a small tribe of wayward space gypsies, have roamed the Universe in search of a new home. Their previous planet was obliterated through operator error. They come across Earth, but being from a distant galaxy, don't recognize it. Cyrillus, the supreme leader deems it wise to launch manned probes to evaluate the world below. Unfortunately, they land in "Adventure Planet" (the working title for the film), which is a new hi-tech amusement park not yet open to the public. "Le Parc Du Futuroscope" (Futuroscope) in Poitiers, France, an innovative park dedicated to the moving image was used as the background for the films theme park. (<http://www.futuroscope.org>)

The alien scouts explore four attractions before they are ordered back to the mothership. The attractions ARTIC ADVENTURE (a Hot Ride in a Cool Place), MAGIC CARPET RIDE (a Cool Ride in a Hot Place), KID COASTER and AQUADVENTURE (a Wet Ride in a

Dry Place) were picked by director Ben Stassen.

Stassen explains, "The most popular attractions at major theme parks around the world today are either Roller Coaster Rides, Dark Rides, 3D Film Experiences or Ride Films. I wanted to package all of this in ALIEN ADVENTURE. The film itself is a 3D film experience. Even though the seats are not moving in the theaters all the attractions are in fact ride films—two dark tides and two roller coasters".

Despite a few minor incidents, aliens being frozen and alien motion sickness (not a pretty sight), it becomes obvious that the aliens are having way too much fun. Fearing that fun could destroy the fabric of the alien civilization, the aliens are ordered to leave, their high commander and spiritual leader declares our planet incompatible to intelligent life and their search for a new home continues.

I for one am happy that Ben Stassen has figured out a way to turn ridefilms into 3D LF film releases, this is both economical and has created several film releases for nWave. I look forward to their future efforts!

See you at the meeting!

Zone—Continued from page 7

mass reproduction of color photographs in magazine and newspaper supplements began to take place. After Ducos obtained his patent in America, anaglyphs began to appear in newspapers with specially printed inserts along with the requisite red and blue "anaglyphoscope" glasses. Throughout the late 1890s and up to the present day there have been many printed applications of both two-color and full-color (polychromatic) anaglyph in magazines, newspapers and comic books.

These stereoscopic marvels are the fruits of Ducos du Hauron, the diminutive genius from Algiers whose inquiries into the nature of color brought forth these uniquely chromatic and dimensional images.

References: Morgan, Hal and Symmes, Dan. *Amazing 3D*. Boston: Little, Brown & Co. 1982
Sipley, Louis Walton. *A Half Century of Color*. New York: Macmillan Company. 1951.



3D NEWS

Stereo Club of
Southern
California

VOLUME XLIV #9

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Mitch's Sketchbook



The Stereo Club of Southern California was founded in 1955 to promote the art, enjoyment and science of stereo photography. Meetings, which normally include 3D slide projection, are held monthly. Visitors are always welcome. Annual dues are \$30/single or \$40/dual (send to the Membership Director). The *3D News*, with a total circulation of about 250 copies, is sent monthly to all members. Annual subscription for those not wishing to participate in Club activities is \$20, and foreign subscriptions are \$25 (send to the Treasurer). Everyone is encouraged to submit stereo-related news items, articles, art work or photo tips for the *3D News*—deadline is the last day of the month (send to the Editor).

March						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April						
S	M	T	W	T	F	S
						1
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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Calendar of Events

March 16

Our fourth Club Competition (and special competition on the theme of "Money"). Also a program of Al Seig stereos.

April 20

PSA Traveling Exhibition, and a stereo card mounting demonstration by David Thompson and Ray Zone.

May 6

Movie Club Meeting in Arcadia.

May 18

Final Club competition plus a Fabulous Slide Show by Lincoln Kamm.

June 15

The annual View-Master competition.

July 20

The Awards and Installation banquet, plus announcement of the Slide of the Year winner.

It's SCSC's Annual Birthday Celebration

by Marvin Jones

Yes, it's that time of the year again, when we get out the trusty abacus and calculate the birth details of our favorite Pisces, Earl Colgan! Earl, of course, is one of our most active members. At our February meeting, we all helped Earl usher in his *second* century—he having worn out one of them already.

In case you are totally new and green to SCSC, Earl Colgan is our oldest member. (Not, as some purists are quick to point out, our member in longest standing, but rather our member who has been standing the longest!)

As he never shies away from telling us, Earl was born on Sunday, February 21, 1904. That's on the Gregorian calendar. If he had observed the Hebrew calendar, it would have been the fifth day of Adar in the year 5664. On the Islamic calendar, it's the fourth of Dhu'l-Hijjah in the year 1321. Or, for the Chinese among us, that's the sixth day of Month One of the year 4601.

If you don't run out of fingers and toes first, you will realize that that was

96 years ago this month. It takes somewhat more fingers and toes to conclude that Earl was 1,152 months old. That amounts to 35,064 days, or 841,536 hours, or 50,492,160 minutes, or 3,029,529,600 seconds! (For those who only like to deal in round numbers, Earl will be exactly 40,000 days old on August 27, 2013. Mark your calendars.) We have no idea how many of those more than 3 billion seconds have been devoted to stereo photography ($\frac{1}{125}$ of a second at a time, of course), but we suspect there were a lot of them!

Happy Birthday, Earl!



Editorial

The Editor Rambles

by Marvin Jones

Okay, it's time to tidy up several loose ends that have been dangling for a while.

First, the most recent. In last month's issue I neglected to credit Susan Pinsky as the photographer of that heart-tugging picture of Dan Gilvezan and Mike McKinney. I also didn't give as much credit as I wanted to George Walker, who provided the wonderful digital scans of the Hollywood Expo winners.

SCSC's Website

As long as there's space left, I would also like to call your attention again to the SCSC website. Our address is published at the bottom of this page every month. Among the features, you'll find a bulletin board, a list of 3D-related links, and an archive of the last six 3D News issues in Adobe Acrobat (PDF) format. And as an added incentive to seek out the website, I'll let you in on a little secret—as of last month the "Internet Edition" of the 3D News is being produced in full color!

Visit our website at <http://home.earthlink.net/~campfire>

The History Zone

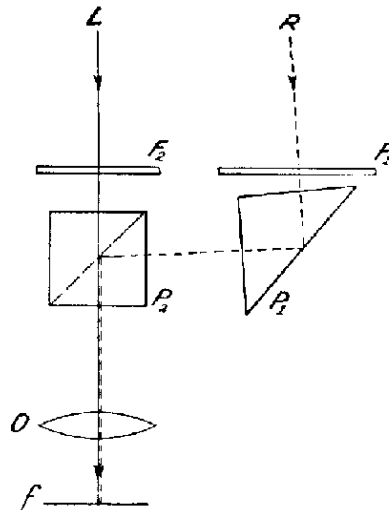
A stroll through the history of stereography with Ray "3D" Zone

Anachrome Beauties

Publication of the Winter 2000 "Swimsuit Issue" of Sports Illustrated in color 3D has been much ballyhooed in the media as an event and the 3D effects and stereophotography produced for that issue demonstrate great expertise. The success of the "Mars 3D" issue of "National Geographic" in August 1998, which made a successful use of color anaglyphs, prompted the Sports Illustrated editors to assemble a team of 3D consultants for production of an issue to display an array of "Supermodel" bathing beauties in polychromatic anaglyph.

The anaglyph has been used to showcase the female form in magazines numerous times and several attempts at innovation, historically, have been made to introduce a fuller palette of color into the inherently monochromatic process. It is a distinct challenge to create a full-color anaglyph that has natural rendition yet makes an effective use of complementary colors for the image selection necessary for stereoscopic viewing.

In the early 1950s a French magazine called "Folies of Paris and Hollywood" used a two-color



Principle of Leslie Dudley's method of producing anaglyphs by direct photography on color stock.

anaglyph printing process that was very similar to the two-strip Technicolor process of the late 1920s. The red printing plate carries the skin tones of the bathing beauties and an interesting color rendition is achieved in addition to 3D. And there is no yellow or black ink used as with conventional 4-color printing.

It is to Leslie P. Dudley that we must credit the term "polychromatic anaglyph" as well as its first application in printing. In his pioneering book from 1951 titled "Stereoptics, An Introduction," Dudley describes a device of his invention which is "an optical attachment for use with an ordinary still or cinematograph camera. Colour stock, such as 'Kodachrome,' is used, and the arrangement is such that stereoscopic pairs of images are superimposed on the film to form anaglyphs direct in natural colour." Dudley also notes that the "problems involved in producing anaglyphs in natural colours have claimed the attention of many workers." Among them he cites Schestakoff (1910), Gurewitschu (1910), Wiener (1910), Lehmann (1917), Schallong (1934) and

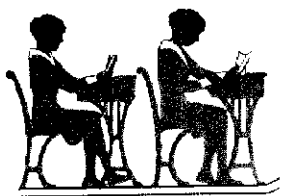
Lumiere (1934).

In the October 29, 1955 issue of "Picture Post" magazine Dudley published "the first three-dimensional colour pictures ever to appear in any newspaper or magazine." The result of "years of research," Dudley coined his color 3D process "Anachrome." A subsequent issue of Picture Post on November 5 also ran feature photos and advertisements in Anachrome.

Dudley's process utilized three-color photographic separations that were printed with a half-tone lithographic process. They suffered some of the defects that E.F. Linssen, writing in his book Stereo-Photography in Practice, delimited: "For its successful application everything would depend on whether colour can be properly divided, by means of suitable filters, into homologous images each of which would have to possess a series of wavelengths complementary to the other's."

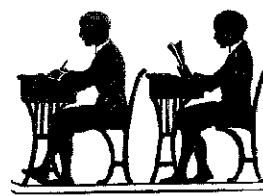
According to Linssen, color anaglyph films were not considered "sufficiently satisfactory" for showing at the Festival of Britain Exhibition of 3D films in 1951. A black and white 3D film of Dudley's making, "A Solid Explanation," however, was included **ZONE—Continued on page 8**





News and Notes from the SCSC Clubhouse

by Lawrence Kaufman



Be sure to pass along any 3D News to Marvin Jones. He would love your contributions to the 3D News. If you know of, or read about something 3D, pass it on to Marvin. The contact information is on the cover and the deadline is the last day of the month, but don't wait.

March 16th Meeting

Our fourth club competition takes place this month. Try to arrive early to get your slides checked in and to visit. You might consider taking a couple extra entry forms home with you so you can have your slides all ready to turn in when you arrive. Remember slides should be spotted in the lower left corner as when hand viewed. The title should be on the same side as the spot, with the maker's name clearly printed on the back side of the slide.

The special competition sponsored by Mike McKinney was postponed from January when there were not enough entrants to hold the "Millennium" competition. The theme was changed to "Money" and the prize has doubled. So get your '\$\$\$' slides together (or go take some) for our special 2nd competition, to be held in March.

That's not all! We also have a special stereo slide show, "Wonders in Stereo" by Al Sieg. Al is the current President of the Photographic Society of America (PSA), a long

time subscriber to the 3D News and the most 'awarded' stereo photographer around. I am really looking forward to seeing this great show.

The fun begins at 7:30pm at the usual place, the Wilshire United Methodist Church, 711 South Plymouth Blvd., at the corner of Wilshire near Crenshaw, west of downtown Los Angeles. We will meet as usual downstairs in the Plymouth Hall.

The Revised Meeting Schedule

- April 20th - PSA Traveling Exhibition / Stereo Card mounting workshop/presentation by David Thompson and Ray 3D Zone.
- May 6th— Movie Division meeting in Arcadia.
- May 18th—Final Club Competition / A Fabulous Slide Show from Lincoln Kamm
- June 15th— View-Master Competition
- July 6th - July 10th— NSA Convention in Mesa, AZ
- July 20th— Awards and Installation Banquet / Slide of the Year
- New Club Year begins...
- August 5th— Movie Division meeting
- August 17th— Stereo Expo/stereo card competition/London Slide Battle

- September 4-9— PSA 2000 International Conference of Photography in Albuquerque, NM
- September 21st— 1st 2000/2001 SCSC Club Competition / Plus program
- October 19th— 2000 SCSC Club Auction
- November 4th— Movie Division meeting
- November 16th— 2nd 2000/2001 SCSC Club Competition / plus program
- December 14th (second Thursday)—SCSC Holiday Banquet / slide program

Upcoming camera shows:

The Buena Park Camera Expo

America's Largest Monthly Camera Show. The show is held at 7530 Orangethorpe (between the 5 and 91 freeways at Beach Boulevard) in Buena Park. New show hours are 9:30am to 2:30pm, \$5 admission, unfortunately the Athletic club is now charging \$3.00 to park in their lot. Over 200 tables of photo equipment. For more information call: (949)786-8183 or (949)786-6644. Future dates: March 19, April 16 and May 14th.

Bargain Camera Shows

Bargain Camera shows include the West Los Angeles Bay Area Camera Show and Sale. Held at the Wyndham Garden Hotel, 5990 Green Valley Cr., 405 Fwy. to Supulveda N, next to Fox Hills Mall. 10am - 3pm. The show is usually the first Sunday of the month. Call to verify (see below).

Pasadena Camera Show

Also a 'Bargain Camera show', Pasadena is held at the Pasadena Elks Lodge, 400 W Colorado Blvd., 123 Fwy. to Orange Grove S. 10am - 3pm. Often held on the 2nd Sunday of the month, call to verify. For more information about these and other shows contact Anton, Bargain Camera shows, PO Box 5352, Santa Monica 90409, (310)578-7446.



Steve Thomas (left) of the UCR/California Museum of Photography shows off their Collections Room to members of SCSC in what has become a popular and fascinating yearly outing in February.

Our Previous Meetings

February Club Events

UCR/CMP Tour

On February 12th, we again visited The UCR/California Museum of Photography. Steve Thomas, our host and the curator of the UCR/CMP collections was a little under the weather, but still very gracious. He had the collections room set up to show the group many of the unusual viewing devices that they have, plus many very interesting and old stereo views. Steve even invited us back again next year. UCR/CMP is the home of the Keystone-Mast collection, one of the largest collections of stereo cards.

We had a great turn out. We met at the UCR/CMP in Riverside, 40 miles east of Los Angeles for the 11:00 am tour. At about 12:30 p.m.. we broke for lunch. A short trip down the Main Street pedestrian mall to Simple Simon's Bakery & Bistro, a fine restaurant known for their homemade soups & salads, fine home-baked breads, pastries & croissants and exquisite cakes. Simple Simon's Bakery & Bistro is located across from the famous Mission Inn.

At about 1:30 PM, we carried all the equipment to the museum and set up for a 2:00 PM showing of the 42nd Hollywood Stereo Slide and 2nd Hollywood Card Exhibition. Including projecting all accepted slides and viewing the accepted stereo cards. Thanks to all who came along and added their support, it has been a while since SCSC has tried a different public showing. This outreach was well received thanks to the Riverside Press Enterprise featuring a short piece in that days Entertainment section and the event being announced in the UCR/CMP flyer. It was free and open to the public. The room filled up quickly, with several individuals staying after to ask questions and pick up literature about the club. Events like this are great to help spread the word about stereo photography.

Our February Meeting

On February 17, 2000, SCSC hosted (at our regular club meeting) final showing of the 42nd Hollywood Stereo Slide and Card Exhibition (there were four showings this year: Jewel City (February 1st), Pasadena

(February 10th), UCR/CMP and SCSC). Including projecting all accepted slides and viewing the accepted stereo cards. Some of the best work, by some of the best of today's stereographers. A BIG thank you to Mitchell Walker and David & Linda Thompson for chairing these two exhibitions and all the hard work they put into making them successful. Thanks also to all the members who helped out at the judging and the various showings.

Also shown was the PSA Sequence Exhibition which had been delayed from the January meeting, due to being 'lost' in the mail. Add to that, our 'oldest' member, Earl Colgan turned 96 on February 21st. Making a very full evening.

The PSA Sequence Exhibition did show up the day before the January meeting and luckily, it wasn't booked by another club for February, so we could make the arrangements to keep it for February. These are the best stereo slide sequences that were judged last summer and first shown at the PSA Convention. The exhibition now travels from club to club until next summer, when the new sequence judging will be held. The idea of the exhibition is similar to the View-Master exhibition, but using stereo slides to tell a story. Lee Pratt does an outstanding job putting the show together with music and title slides. Included in this fabulous show were:

- CATS ARE COOL by Robert Bloomberg
- CANYON COUNTRY by Steve Dudley & Debra Tyrpak
- WILDFLOWER RAMBLE by Allan Griffin
- BATS AMORE by Robert Bloomberg
- DAYS OF THE DEAD by Robert Bloomberg
- I LIKE WATER by Bruno Braun
- SICILY IN PRESENT AND PAST TIME by Bruno Braun
- ROCK ISLAND by Steve Dudley
- MACHU PICCHU IN SOME OF HER MOODS by Allan Griffin
- A DAY AT THE FAIR by David Kesner
- COLORADO STEAM by Jim Roy
- GARDEN FLOWERS by Valeria Sardy

Again, some of the best work, by

some of the best of today's best stereographers (WOW, two fabulous shows in one night).

We always enjoy the PSA Traveling Exhibition (which we will show in April), I am not sure when the last time we showed the PSA Sequence Exhibition, but I hope to add it to the list of annual presentations.

The 3D Movie/Video Division met for their quarterly meeting on February 5th in Arcadia. The intimate group enjoys 3D videos and discussion of new 3D/stereo products the first Saturday in February, May, August and November. Discussion continues on the SCSC putting together a show for public access television. The 30 minute show will include numerous 2 - 3 minute segments discussing 3D and stereo photography. We need producers for these segments. The 3D movie/video meetings commence sharply at 7:00 PM at the Longley Way School, 2601 Longley Way at Las Tunas, Arcadia, CA 91007.

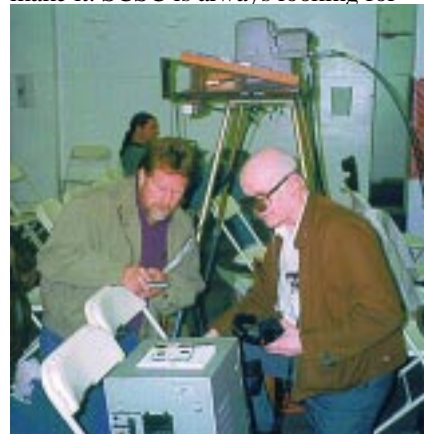
website:<http://www.ausd.k12.ca.us/lw>.

Financial Help For One Member

We do have a member who would like to sponsor a membership for someone who otherwise could not afford to join. SCSC is looking for such an individual. If you know of someone who can not afford the price of the SCSC membership, please contact our treasurer, David Kuntz.

Member Help For Our Club

As the club year draws to a close, remember that the club is what YOU make it. SCSC is always looking for



James Comstock and Oliver Dean work during a break to set up the sound system for the PSA show.

members who are interested in helping out and members to serve on the SCSC board. Who will serve on our board next year? You CAN make a difference.

Photographic Truths

Lee Pratt passes on these Photographic truths (writer unknown), can you think of any others?

- The best scenic views are clearly designated by highway signs reading: NO STOPPING ANYTIME.
- Edward Steichen owned a three-legged dog, which he named Tripod.
- The Post Office folds all parcels containing photographs.
- Camera straps never fail above soft surfaces.
- Lens caps and cable releases can become invisible at will.
- Spotone bottles are designed to tip over when the cap is removed.
- Financial success in photography is directly related to proper choice of subject matter. Falling airplanes, exploding volcanoes, and certain Presidential motorcades work best.
- No two light meters agree.
- The work "Daguerreotype" cannot be spelled correctly.
- A new Hasselblad would take better pictures than your present camera.
- 1/60 at f/8 is the correct exposure for all photographs.
- When your friends finally realize that you are a true artist, committed to making sensitive and meaningful images, they will ask you to photograph their wedding.
- Color slide viewing cures insomnia.
- On any tripod, only two legs work properly.
- Dust spots are attracted to sky areas.
- Yes, photographers do it in the dark, but they have to stop every thirty seconds to agitate.
- There's nothing wrong with a 35mm that a 4x5 can't cure.
- Ansel Adams has three Secret Zones known only to him.
- Fast films compensate for slow photographers.
- Mounting a photograph is a misdemeanor in Arkansas.
- Owning more than one lens assures that you will always have the wrong lens on the camera for any

given picture.

- A camera store will charge \$75 to repair a camera that has been adjusted with a butter knife.
- Falling lenses are attracted to rocks.
- Into every life a little grain must fall.

Upcoming PSA Exhibitions

The list is featured each month in the PSA Journal. If you are not a PSA member, you should really think about joining. PSA approved means that those acceptances earned in these exhibitions count towards PSA Star ratings and the PSA Stereo Who's Who list (for PSA members). However, neither PSA, ISU, or NSA membership is required to participate in these exhibitions. They are open to all photographers world-wide. Closing dates and contacts for upcoming PSA Stereo Exhibitions:

- Southern Cross. Format: Slides. Closing date: March 30, 2000. Mr. C. V. Bennie, 60 Burnell St., Five Dock, NSW 2046, Australia. N.Amer.-\$8, or \$6 for non glassed (plastic or cardboard) slides in an envelope (flat pack), Others-\$8. (discount available). Email: raymoxom@tpg.com.au
- Cordova. Formats: Stereo slides and Stereo cards. Closing date: Apr. 20, 2000. Phyllis Rander, APSA, 4212 Eastwood St., Fair Oaks, CA 95628-7650. N. Amer.-\$5, Others-\$6.
- Stereoscopic Society of America. Format: Stereo cards. Closing date: May 27, 2000. Bill C. Walton, 3739 Meadowlark Dr., Columbus, GA 31906 USA. Email: bill3dbw3d@juno.com, N. Amer. -\$7, Others \$7 or equivalent.
- Rocky Mountain. Format: Stereo slides. Closing date: May 29, 2000. David K. Morison, APSA, PO Box 1786, Grand Junction, CO 81502-1786. N. Amer. - \$6, Others \$7
- The View-Master Sequence Exhibition. Format: View-Master reels. Closing date: June 15, 2000. Christopher Olson, PO Box 8834, Universal City, CA 91608-8834. USA-\$7, All others-\$9. Email: GEORGKAPLN@aol.com

3D Sports Illustrated Issue

The Winter 2000 special swimsuit issue of Sports Illustrated is in 3D.



This 'event' has received a lot of local and national press. The Tonight Show Starring Jay Leno had Daniela, the cover model as a guest. Jay held up one anaglyph photo and the audience looked at it with 3D glasses. Jay liked the 'quality' and said he thought it might cause a 3D revival. CNN Headline News had a nice report and even went to the street with the issue. The people on the street seemed to like it. The sound bites included 'Wow', 'Oh' and the like, which even made it to some radio stations.

The issue is well done. Includes several different models, ad in 3D and a 3D history article. Our own 3D subscriber, Ron Labbe worked with photographers Heinz Klutmeier and David Klutho to help with all the hard work of making this issue a reality. The National Stereoscopic Association's Oliver Wendell Holmes Research Library also provided 3D background information.

3D Concepts (Jon Golden) supplied Klutho with 3 RBT X3 75mm cameras and 2 RBT S1A 59mm cameras. Ron provided his twinned pair of Minoltas on a bar, and also used an RBT S1A 59mm for shooting or assisting on the ads. Klutho also used several setups using Twinned Hassleblads, which he uses to take fabulous action sports shots. He has shown these off at past NSA conventions in medium format slides and stereo cards. He has a great show planned for the next NSA convention in Mesa, Arizona this July, have you made your reservations?

3D Goes Into Overdrive

The January issue of Overdrive (a trucker magazine) with fully stereoscopic computer graphics by Boris Starosta could have been found at most truck stops in January. I made the mistake of waiting until February to look for it.

Boris Starosta did the 3D work on the millennial keepsake January 2000 issue of Overdrive, the Magazine for the American Trucker (<http://www.overdriveonline.com>). OVERDRIVE magazine is published by Randall Publishing in Tuscaloosa, and has a national circulation of 150,000. The audience is drivers, owner operators, and trucking executives. All the 3D artwork in the magazine was in the full color anaglyph format, and the magazine came with the 3D glasses.

The front of the poster showed a futuristic city scene with trucks, bridges, and flying cars all over. The image was meant as a playful view of the complexities of trucking and technology in the new millennium. The poster was a promotional piece for Overdrive magazine, and acknowledges Volvo's sponsorship of the 3D project.

The back side of the poster was an ad for Volvo Trucks North America, showing a futuristic Volvo tractor coming out of the page. The vehicle model and stereo image were created by Boris in close consultation with Volvo designers.

The magazine also contained 3D ads prepared by Boris for Mack Trucks, Cat Scales, and Navistar (International Trucks). To review this 3D artwork, as well as related unpublished images, visit: <http://www.starosta.com/3dshowcase/overdrive.html>

Boris Starosta's computer generated 3D images are distinguished by being truly stereoscopic. This enhances the effect of depth, and permits the inclusion of tremendous three dimensional detail in each image. Just like stereo photography, each 3D image is actually the result of two computer generated perspective renderings, with the viewpoint shifted horizontally to accurately mimic the human spatial visual experience. Thus, the images afford the reader a heightened sense of

realism and a virtual immersion into the three dimensional space. MetaCreations Bryce is the software used to model the scenes and render the viewpoints.

As I mentioned, I missed this magazine on the newsstand and I had no luck finding a way to purchase a single issue from their website. I emailed the editor and receive no response. But, I did find that by calling their 800 number you could order a back issue for \$6.00 on a credit card. That number is (800)633-5953. I did order a copy, but have not yet received it.

SCSC View-Master reels

The first of several SCSC View-Master reels will be available soon. Through some generous assistance from long-time VM photographer and member Charley Van Pelt and the use of seven great shots provided by the UCR/California Museum of Photography, SCSC will soon have our first 'collectable' reel for sale. The first will spotlight George Lewis, Keystone's last stereographer, the last of his kind! Stereo World had a great article in their November/December 1993 issue, highlights will be included in the folder that will come with our reel.

Look for it very soon. The second reel will spotlight the fabulous work of our own Ray 3D Zone.

View-Master Plant to Close

The news finally came on Wednesday, February 23rd, when an article in the business section of the Beaverton, Oregon local newspaper, The Oregonian announced the View-Master plant located there would be completely shut down at the end of July.

The film developing will go to Seattle where Mattel has a facility that is making the new VM pocket viewer. Mattel had moved most operations to Mexico, but it was feared that the VM personal reel making machines would not survive the move. We will find out soon enough, because that is where they are headed. This might explain VM's plea to get your blank reels, because they might not be available in the future. We thought that quality was bad in the recent past, now we will be subject to Mexican quality control. The company has

gone through five different owners and many thought that the plant would never completely disappear.

3D Attraction at Sea World

Finally this spring, we will have another 3D attraction open at Sea World in San Diego. PIRATES is a few years old now, I saw it at Busch Gardens in Virginia and it is a lot of fun. PIRATES is a large format (twin strip 70mm), 3D (stereoscopic), children's (of all ages) comedy, which has opened at several amusement parks around the world. 3D News covered it several years ago when it opened at the 900-seat Busch Gardens interactive theater at Sea World of Ohio is near Cleveland, in Aurora, Ohio

The Ohio Sea World (and the Sea World in Texas), unlike the California and Florida Sea Worlds, only operates on the week-ends in the Fall. The theater is interactive, because it includes extra realistic effects, such as water spraying/dripping on the audience from the ceiling (to simulate bird droppings) and seats buzzing when hornets are on the screen (similar to Disney's MUPPET VISION & HONEY, I SHRUNK THE AUDIENCE and Universal's 'T2-3D').

In Ohio and Virginia, PIRATES which is 15 minutes, 32 seconds, runs three times an hour on the 60' X 28' silver screen. Pirates was directed by Keith Melton, written by Eric Idle, produced by Brian Rogers. It is not rated, but is suitable for all ages. One reviewer did comment, "A bit intense for young kids (seeing a cannon turned towards you (in 3D) and fired can scare the little ones)." The cast includes, Leslie Nielsen (Capt. Lucky), Eric Idle (Pierre), Adam Wylie (Davey), Fred Gloor (Dumb Pirate), Plus some great computer-generated hornets and bats.

Billed as Sea World's most ambitious attraction PIRATES, is a 3-D-PLUS special effects movie adventure. The film is enhanced by the extra element of surprise, during the 15-minute experience, featuring the surprise-filled and hysterical misadventures of a hapless pirate crew, the audience experiences a combination of sights, sounds and tactile sensations. On a wacky quest for hidden treasure, our two

plundering pirates (Nielsen and Idle) find themselves in quite a dilemma and one even ends up "walking the plank."

The theater, themed to resemble an abandoned seaside cannery, sets the stage for pirate adventures and mishaps. Guests begin their voyage by entering the specially designed 3-D-Plus theater. The screen towers three stories over guests and a nautical-themed stage.

PIRATES was filmed on location in the lush tropical islands of Puerto Rico and the U.S. Virgin Islands, with the HinesLab StereoCam™ 3D System. The PIRATES soundtrack is broadcast in discreet surround-sound through 24 speakers positioned throughout the theater. From cannon blasts to clanking cutlasses, the audio intensity makes theatergoers more than just observers. High-fidelity audio creates the sensation of action and enhances the apparent movement of objects throughout the theater.

About halfway into the movie, there is an 18 second sequence involving CG hornets. Initially, a large group of hornets swarm menacingly around an actor. Then five hornets, swarm and come directly toward the camera and out of the screen. The 23 second sequence involving the CG bats occurs about two-thirds of the way through the movie, when Eric Idle walks into a cave. Eric doesn't see the 60 or so CG bats attached to the back wall, but once the bats see him they come off the wall and start to flock around him. Then three of the bats come out towards the audience.

Digital entertainment company, L-Squared Entertainment of Santa Monica, California did the CG work for the film. They worked on four fairly lengthy shots, especially considering instead of high-end

workstations, they used PCs, Macs and NT systems. PIRATES was the first 3D film L-Squared had worked on, but they have gone onto work on the well-done Large-Format 3D film, T-REX: BACK TO THE CRETACEOUS and SIEGRIED AND ROY: THE MAGIC BOX.

The reactions of the crowds have been very favorable. Reporter Sheila Simmons was impressed by the crisp visuals, vivid colors and surprisingly full-dimensional human figures. Several individuals have praised the film for its lack of ghosting images, no misalignments, great out of the window effects and no eye strain. Others have enjoyed its silly-fun plot, slapstick, and special effect surprises.

Disneyland Will Have More 3D

Two years ago, Disney opened its Animal Kingdom in Orlando, Florida with a short 3D attraction called IT'S TOUGH TO BE A BUG. Next year they will bring it to California when they open their California Adventure theme park next to Disneyland. The work of theme park attraction film provider, Rhythm & Hues, the 4D attraction is based on a popular animated Disney film.

The attraction is a twin strip 5 perf/70mm six minute film. The film has a lot of surprises in a short period and features this all-star cast (in order of appearance): 134 buckeye butterflies, 2 silkworms, 1 ant, a baby blue butterfly, 1 tarantula, 5 stagehand beetles, 1 acorn weevil, 1 termite, 1 stinkbug, 1 evil grasshopper, 1 stag beetle, 4 wasps, 1 house fly, 1 chameleon, 16 bumblebees, 80 fireflies, 8 dragonflies, 11 red beetles, 10 green beetles, 3 dung beetles, 13 maggots and two hidden "Mickey's".

See you at the meeting!

ZONE—Continued from page 3
for showing utilizing the polarizing process of image selection.

There were several subsequent attempts to render feminine beauty in polychromatic anaglyph, notably a January 1985 issue of "Velvet," an x-rated magazine promoted as the "1st Time Ever in Magazine History!—Full Color 3D Photos!" For this issue, 3-color separations were created without a black printing plate from the left and right-eye pair produced with stereophotography. A 1987 television broadcast of "Eye on LA" utilized the 3D Video color anaglyph process for a segment featuring many bathing beauties on the beach. The 3D Video process creates a color anaglyph matrix from the additive RGB color scheme of a stereovideo image produced by two cameras.

To date, the color anaglyph images in the Swimsuit issue of Sports Illustrated are among the most effective yet published. For the stereophotography, talented sports photographer Dave Klutho utilized several RBT stereocameras, two 35mm cameras on a bar, as well as twinned Hasselblad cameras. Ron Labbe of Studio 3D, provided stereophotography for advertisements and 3D consultation, as well as John Roll, Boris Starosta and sports photographer Heinz Klutmeier. The full-size anaglyph glasses included with the issue were manufactured by Theatric Support of Studio City.

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Dudley, Leslie P. "Stereoptics, An Introduction,"
London: MacDonald & Co. 1951
Linszen, E.F. "Stereo-Photography in Practice,"
London: The Fountain Press. 1952.

PEANUTS

By CHARLES SCHULZ





3D NEWS

Stereo Club of
Southern
California

VOLUME XLIV #10

APRIL 2000

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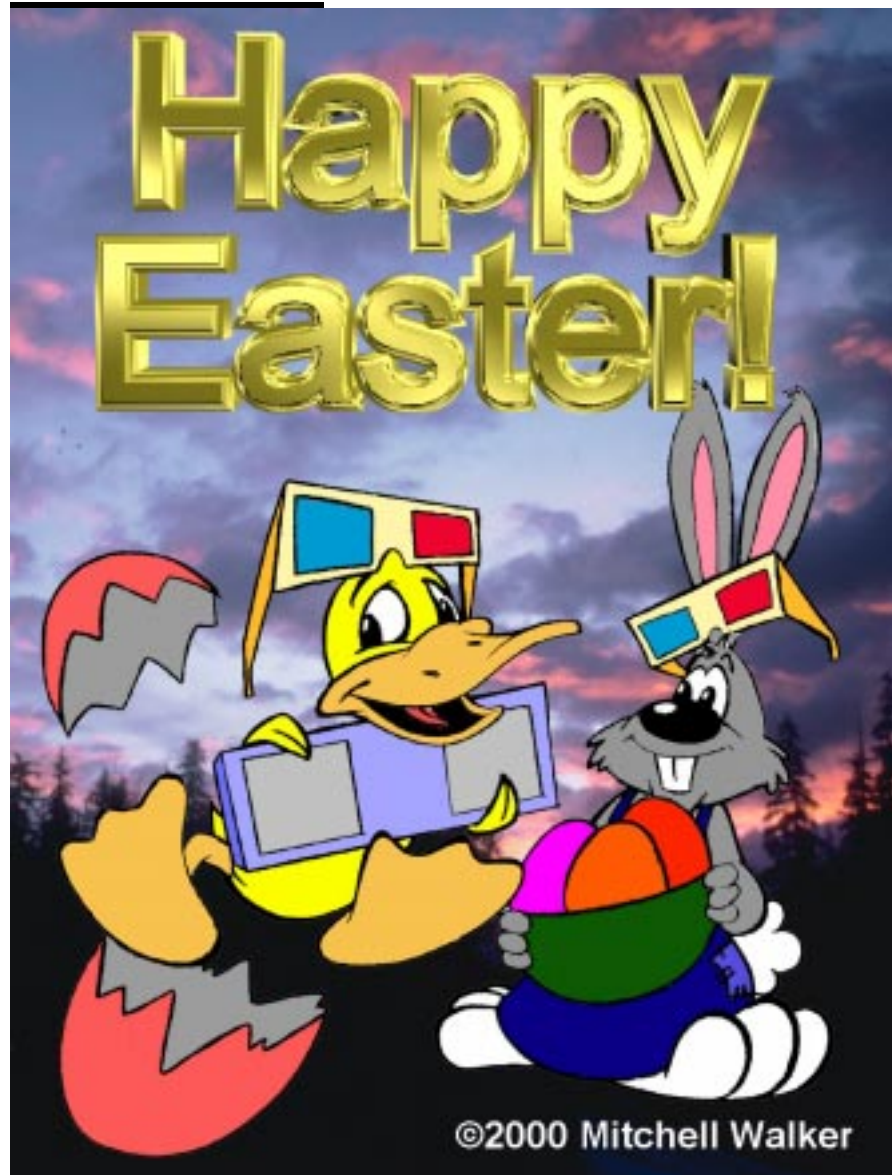
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Mitch's Sketchbook



The Stereo Club of Southern California was founded in 1955 to promote the art, enjoyment and science of stereo photography. Meetings, which normally include 3D slide projection, are held monthly. Visitors are always welcome. Annual dues are \$30/single or \$40/dual (send to the Membership Director). The *3D News*, with a total circulation of about 250 copies, is sent monthly to all members. Annual subscription for those not wishing to participate in Club activities is \$20, and foreign subscriptions are \$25 (send to the Treasurer). Everyone is encouraged to submit stereo-related news items, articles, art work or photo tips for the *3D News*—deadline is the last day of the month (send to the Editor).

April						
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30						

May						
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28	29	30	31			

Calendar of Events

April 20

PSA Traveling Exhibition, and a stereo card mounting demonstration by David Thompson and Ray Zone.

May 6

Movie Club Meeting in Arcadia.

May 18

Final Club competition plus a Fabulous Slide Show by Lincoln Kamm.

June 15

The annual View-Master competition.

July 20

The Awards and Installation banquet, plus announcement of the Slide of the Year winner.

August 5

Movie Division meeting.

August 17

Stereo Expo / Stereo Card competition / London Slide Battle.

Editorial

How Do I Love SCSC? Let Me Count The Ways...

by Marvin Jones

The other day I was involved in a discussion at one of our club meetings. One person was expressing his dissatisfaction with the club for being calcified and resistant to change. And all I could think was, "Are we going to the same club meetings?!?"

Of course some people today think it's chic or "realistic" to view everything at all times in the most negative possible light. But my fondness for SCSC isn't just a Pollyannalitical interpretation of the glass as half-full. The Club's cup truly runneth over.

SCSC is the largest and most active stereo photography club in the United States, and possibly the world. As Club Newsletter Editor, I've seen publications from other clubs which couldn't even fill a single page with reports of how three or four club members got together in so-and-so's living room for their meeting. At SCSC, any attendance less than about 40 or 50 is considered a sparse turnout.

Any one of our competition screenings will demonstrate a wide range of photographic images and techniques. We see everything from traditional landscapes of Yosemite to nude women painted in silver and standing in platform pumps on a

railway.

We see every format from traditional Realist slides to 2x2 (deemed revolutionary not too very long ago by some clubs) to computer

EDITORIAL—Continued on page 8



An antique stereocard warns of the dangers of not paying enough attention to what is really going on in the world around you, and focusing too narrowly on what you simply *want* to see.

Visit our website at <http://home.earthlink.net/~campfire>

The History Zone

A stroll through the history of stereography with Ray "3D" Zone

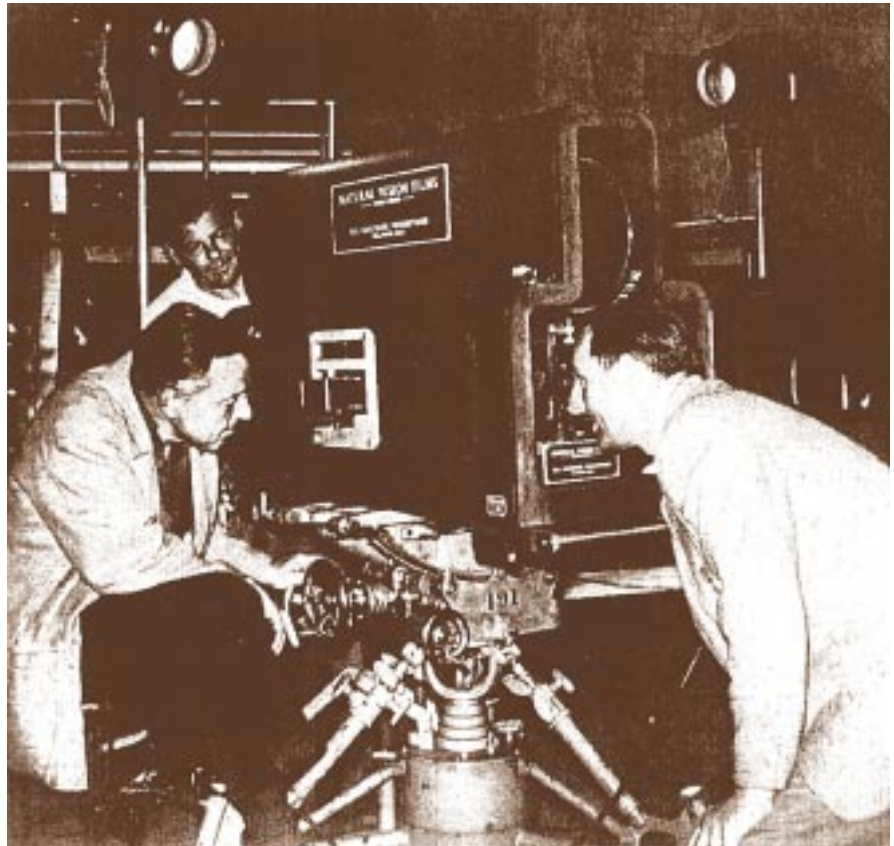
Memory of a 3D Cameraman

Lothrop Worth, the cameraman who filmed "Bwana Devil" in 3D has passed away. At 96 years of age, he was one of the oldest residents at the Motion Picture and Television retirement community in Woodland Hills. Worth enjoyed a 50-year career as a cinematographer and made significant contributions to the 3D movie boom of the 1950s.

Worth's first job in film was shooting the titles for Cecil B. DeMille's 1923 silent epic "The Ten Commandments." He also did work as a still photographer on the sets but settled in behind the movie camera early in his career, eventually working for all the major studios including 20th Century Fox, Warner Brothers, First National Pictures and Paramount Pictures before his retirement in 1969.

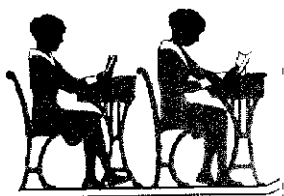
It was with director of photography Joseph Biroc that Lothrop Worth shot "Bwana Devil," the 1952 Arch Oboler 3D film which initiated a production boom of "deepies" at all the major studios. "Bwana Devil" was shot with the "Natural Vision" 3D camera system developed by Beverly Hills optometrist Julian Gunzburg and his brother Milton. The Natural Vision system was comprised of two 35mm Mitchell Cameras mounted on a base plate with the lens turrets facing each other. In between were two front-surface mirrors having micrometer adjustments for convergence with variable parallax which reflected the scenes into the camera lenses.

The Natural Vision equipment was engineered by Friend Baker and camera technician O.S. "Bud" Bryhn and when it was ready Gunzburg hired Joe Biroc and Lothrop Worth to shoot some initial tests. Early in 1952, these 3D tests were screened before the American Society of Cinematographers at their clubhouse in Hollywood. Arch Oboler saw a subsequent screening and decided to film his African adventure starring Robert Stack, Barbara Britton and Nigel Bruce—*Continued on page 8*



Lothrop Worth (left) looks through the viewfinder of the Natural Vision camera while Joseph Biroc (right) looks on. The hybrid camera was used to shoot such early 3D classics as "Bwana Devil" (below) and "House of Wax".





News and Notes from the SCSC Clubhouse

by Lawrence Kaufman



Be sure to pass along any 3D news to Marvin Jones. He would love your contributions to the 3D News. If you know of, or read about something 3D, pass it on to Marvin. The contact information is on the cover, the deadline is the last day of the month.

Upcoming meetings

April 20th Meeting

The program includes the PSA Traveling Exhibition and a Stereo Card mounting workshop/presentation by David Thompson and Ray 3D Zone. The PSA Traveling Exhibition is a favorite evening for many members and a tradition for the club. The PSA Traveling Exhibition works like many other PSA approved exhibitions, with individuals entering and being judged. The twist to this exhibition is that the accepted slides are then sent around to individual stereo camera clubs to be judged again. The individual clubs award their picks for the best slides. We will show all the accepted slides, along with our judge's picks for top place.

Several years ago, David Thompson put on a well-attended and informative stereo card-mounting workshop - presentation. David is now mounting his cards differently. So it must be time for an updated presentation. Ray Zone has volunteered to show and teach us how he mounts his cards. If you can't make this meeting, David has also volunteered to put on a smaller one-on-one workshop at his home in Brea. Check with David about availability for this. David can be reached at (714) 671-1403 or email him at: DLT4WD3D@aol.com. Actually I believe many would rather see this type of a presentation/workshop in a classroom setting. If we could find a volunteer to video the presentation, we could add it to the club library. Plus we would have a tape to use for clips in our cable access show. Any volunteers?

Be sure and pay close attention, so you can enter some award winning stereo cards in the clubs annual stereo

card competition that is scheduled for August! The fun begins at 7:30pm at the usual place, the Wilshire United Methodist Church, 711 South Plymouth Blvd., at the corner of Wilshire near Crenshaw, west of downtown Los Angeles. We will meet as usual downstairs in the Plymouth Hall.

A reminder that after most SCSC meetings a small group meets a couple of miles away (up Western) at Piper's Restaurant for a snack (or meal) and some more stereo photography talk. All are welcome to come and join in the 3D camaraderie.

The 3D Movie/Video Division

The quarterly meeting was set for May 6th, but instead of the usual meeting in Arcadia, the 3D Movie/Video group is working on an outing for the entire club (see below). The intimate group usually enjoys 3D videos and discussion of new 3D/stereo products the first Saturday in February, May, August and November. Discussion continues on SCSC putting together a show for

public access television. The 30-minute show will include numerous 2 - 3 minute segments discussing 3D and stereo photography. We need producers for these segments. The 3D movie/video meetings usually commence sharply at 7:00 PM at the Longley Way School, 2601 Longley Way at Las Tunas, Arcadia, CA 91007. Website: <http://www.ausd.k12.ca.us/lw>. Once again, the 3D Movie/Video division will not meet on May 6th.

C3D TV Field Trip

C3D Television is the 24-hour 3D-satellite television channel. They have been operating for over a year from the Marina Del Rey and Venice areas. They are getting ready to branch out into other 3D projects, including publishing and motion pictures, among other things. We plan to visit their new offices (after they move) sometime in early May. At press time, it is still uncertain when they will make the move to their larger offices and when we will be visiting their facilities. We are



SCSC's version of the Algonquin Round Table convenes after each meeting at Piper's Restaurant on Western Avenue at Beverly Boulevard. Members meet to chow down, exchange information, and post-mortem the meeting.

tentatively planning a weekday evening visit to be able to catch one of their shows in production.

If you are interested in going on this outing, please contact Lawrence Kaufman (contact info is on the cover). We will very likely have more information at the club meeting.

Our Previous Meeting

At our March 16th Meeting we held our fourth club competition. The turn out seemed a little light, luckily Abe Perlstein, who was out of town sent his slides in. There was bad news on the special competition sponsored by Mike McKinney, since there were only three entrants, we fell short of the five required to give out the prize. The theme had been changed to "Money", gave us many possibilities. The prize had doubled and would have been a nice treat to win. So it looks as though we will stick with the 'open' competitions and no prizes for the time being, unless someone else wants to sponsor a special theme competition.

We had plenty of time to enjoy several shows that Al Sieg had sent us to enjoy. This special stereo slide show, "Wonders in Stereo" by Al Sieg was not just one show, but a whole group of fabulous 3D-slide show after fabulous 3D-slide show. Al is the current President of the Photographic Society of America (PSA), a long time subscriber to the 3D News and the most 'awarded' stereo photographer around. I don't know how we can thank Al enough for sharing these treasures with us.

Member Help For Our Club

As the club year draws to a close, remember that the club is what YOU make it. SCSC is always looking for members who are interested in helping out (actually, we are always looking for members, period!) and members to serve on the SCSC board. Who will serve on our board next year? You can sit in the back of the room and complain that the club is not open to change or you can volunteer your time and effort to improve OUR club. You CAN make a difference. SCSC wants YOU!

Charles A. Piper

For those of you who have asked, Charlie did have bypass surgery and is recovering nicely. The word is that the

surgery will put another five years on his life, which is great news for all of those who have been begging for another installment of his "Technical Pages". Hopefully Charlie will be back in the swing of things soon. You can send your get well wishes to Charles A. Piper, 26810 Fond Du Lac Road, Palos Verdes, Peninsula, CA 90274 or (310) 378-3294.

SCSC Logo Slide

David Kuntz will again make the SCSC Logo focus slide available in the very near future. Watch these pages for more information on price and availability. It has been some time since David made copies of this great slide available to our members. All the proceeds go to SCSC. Let David know if you are interested in purchasing one or more copies of our fabulous club logo slide.

RBT Slide Mounts

It looks like it is time again for a club order of RBT mounts. In the past every six months or so SCSC places a club order of RBT mounts in order to get the lowest price available. In the past Mark Kernes has taken care of the order. Mark will likely do it again, if not Lawrence Kaufman will. We had some samples of RBT mounts at the last meeting. I love RBT mounts because they are so easy to use. RBT mounts come in five sizes 4 perf (21 x 16 mm), 5 perf (23 x 21 mm), 7 perf (23 x 28 mm), wide format (23 x 31.5 mm) and full SLR format (23 x 33 mm). You can order with glass or without. The regular cost for a single box of glassless mounts is \$34.00. With a seven box order the price goes down to \$29.50 and I believe we can even get a better price with a ten box order. If you are interested please see or contact Mark or Lawrence. The shipping costs will be divided between those who order.

PSA Stereo Club Competition

As a reminder, stereo photography clubs are invited to compete in three competitions during each club year. These three competitions make up the PSA International Stereo Club Competition. The clubs that are currently competing are: SCSC, San Diego Stereo Camera Club, Chicago Stereo Camera Club, Cordova Camera Club, Sydney Stereo Camera Club, Cascade Stereographic Club, Atlanta

Stereographic Association and Puget Sound Stereo Camera Club.

The Good News

The first round was held last November and SCSC quickly moved into first place. We scored 59 points. San Diego moved to second place with 52 points. "The Lookout" by Mike McKinney came in second. "Mr. Thinhead" by Scott Ressler scored a third place ribbon. Scott also came in 5th with his "Vintage Night". We had one HM with Mike McKinney's "Room With a View". "The Lookout", "Mr. Thinhead" and "Vintage Night" will be eligible for the ISCC Slide of the Year award.

The Bad News

The ISCC second round was held in early February. But our slides missed the deadline (drat). We can still have a good turn out for the final round and very possibly score some more winners and maybe even a Slide of the Year.

The Getty Center's 3D Exhibits

Those who attended the March meeting of the SCSC heard the good news that the "Carleton Watkins: From Where the View Looked Best" show was being exhibited (February 15 - June 4, 2000) at The Getty Center, Los Angeles. As mentioned, there are only a couple a stereo pairs on exhibit. There are numerous books about Watkins for sale, again stereo views receive only minimal coverage.

Also appearing at The Getty Center and covered in the Sunday March 22, 2000 Orange County Register: "Departures: 11 Artists at the Getty" (through May 7). One of the artists is Ruben Ortiz Torres. Torres' postmodern installation of a lowrider Chevrolet in the museum courtyard is accompanied by a continuous playing 3D video entitled "La Zamba del Chevy". Admittance to The Getty Center is free. Reserved (required) parking is \$5.00 at (310)440-7300.

More 3D Corn Chips

As you will remember, when Frito-Lay debuted the 3D Doritos, we reported that 3D tortilla chips were not a new thing. There had been some 3D chips available in Greece for some time before our 3D Doritos had been available here. But they did appear to be from a Frito-Lay subsidiary of Frito-Lay. During our Germany and



France trip last fall, I was surprised to stumble onto a packages of Bugles corn chips in several flavors and were names '3D's'. A quick check of the back of the package revealed that these too were from Frito-Lay France.

More Lenticular Video Covers

When you are in your local video store in the near future, you might see some video covers reaching for you. Avalanche Home Entertainment is releasing BELIEVE with an eye-catching 3D lenticular package of a skull flying out of a haunted house. The film stars Jan Rubes (SNOW FALLING ON CEDARS), Ben Gazzara (THE THOMAS CROWN AFFAIR) and Andrea Martin (WAG THE DOG). Leo Films is releasing BOMB SQUAD with what they call a 4D HoloMorph lenticular graphics. The film stars Michael Ironside (TOTAL RECALL) and Anthony Michael Hall (THE BRAKFAST CLUB).

3D Goes Into Overdrive

As mentioned last month, the January issue of Overdrive (a trucker magazine) with fully stereoscopic computer graphics by Boris Starosta could have been found at most truck stops in January. I made the mistake of waiting until February to look for it. All the 3D artwork in the magazine was in the full color anaglyph format, and the magazine came with the 3D glasses. Boris created computer generated true stereoscopic images for

both the cover of the magazine and for a 20x30 inch poster that was folded and inserted into each issue. The poster was printed with 3D images on both sides.

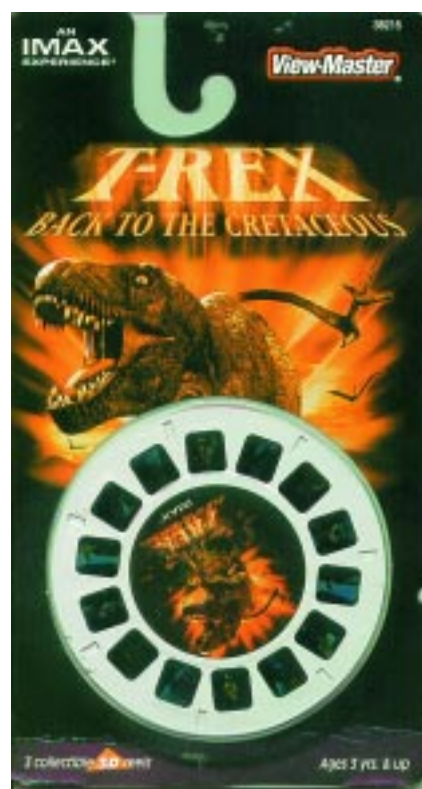
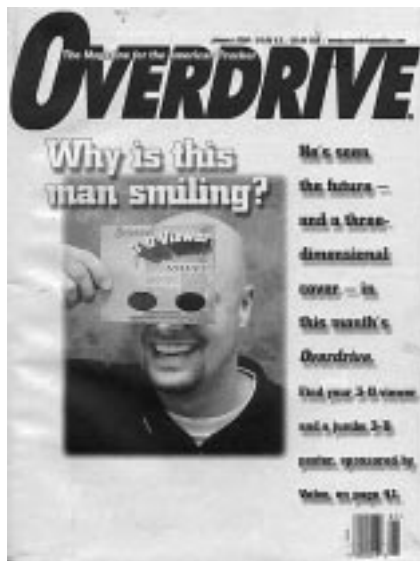
The poster was a promotional piece for Overdrive magazine, and acknowledges Volvo's sponsorship of the 3D project. The magazine also contained 3D ads prepared by Boris for Mack Trucks, Cat Scales, and Navistar (International Trucks). Good news, you can order a copy by calling their 800 number and charging the \$6.00 on a credit card. That number is (800)633-5953.

SCSC View-Master Reels

The first of several SCSC collector View-Master reels will be available soon. Through some generous assistance from long-time VM photographer and member Charley Van Pelt and the use of seven great shots provided by the UCR/California Museum of Photography, SCSC will soon have our first 'collectable' reel for sale. The first will spotlight George Lewis, Keystone's last stereographer, the last of his kind! Stereo World had a great article in their November/December 1993 issue, highlights will be included in the folder that will come with our reel. Look for it very soon.

Other View-Master News

Charley Van Pelt was at our last meeting and he had lots of great news about upcoming VM reels. There is a New York City reel that he will soon have available. This is an update of the three-reel set with lots of great



stereo shops, many new ones of the city that never sleeps. Charley had samples or photos of other VM items on the way including the View-Master Super Show Projector, an improvement on the 2D projector for children. New Britney Spears and Brandy View-Master 3D Pocket Viewers, these are presented as 'traveling slide shows' that fit right in the pocket so young people can take 3D views of today's entertainment sensations anywhere they go. The quality was not all that great in the sample I saw, but it does feature 18 images and is pocket size. Another new item is the Discovery Channel View-Master Projector and Telescope, an easy-to-use telescope with 18 power magnification and a wide field of view. It is also a 2D projector that sends bright, clear VM images onto walls, ceilings or just about anywhere. View-Master will continue to release current film tie-in reels and Virtual 3D Viewer Gifts sets. TOY STORY II is out and WALT DISNEY'S DINOSAUR will be out soon.

I am most excited about the long awaited IMAX/VM relationship. The three reel T-REX: BACK TO THE CRETACEOUS set is out, with SIEGFRIED AND ROY: THE Kaufman—Continued on page 7

Competition News

Can't Buy Me Love (or Special Entries!)

by Mike McKinney

Can't buy me a photo contest either! I my second attempt to rally a special competition, I extended an invitation and my wallet, to the club membership to create an image that defined "Money." The winner, had there been more than five entrants, would have walked away with \$50. Only three creative souls participated, Lawrence Kaufman, Phillip Steinman, and Ray Zone. I appreciate their enthusiasm for the project. I am now left with the question; how much money does it take to raise the participation level for a special competition? My pocketbook will certainly limit the answer.

The regular competition drew a good attendance and a few slides of special merit. Todd Eifert's, "Shelly Lighting Up," was very well done with the use of dramatic lighting and black leather. Shelly could give Joe Camel a run for his non-filtered's. Todd made the photograph with a Russian made FED, and the image was surprisingly sharp. Scott Ressler grabbed a great shot of two beautiful ladies in a sleek convertible coupe on a studio back lot that conveyed all the innocence and charm of the 1950's. He even used B&W film. And Kathy Day, stepping into Abe Perlstein's realm of nude figure studies, brought a standout picture of her main squeeze's outstanding backside.

May will be our last competition for the club year and your last chance to get in makeup slides. I look forward to a big turnout and enjoying your fine photograph's.

- *Be there!*
Mike

Kaufman—Continued from page 6
MAGIC BOX and GALAPAGOS coming out soon. IMAX supplied View-Master with actual left and right frames from the films for the images that appear on the reels. T-REX was filmed in the Olympic Rain Forest of Washington State and Dinosaur

A Group

	March	Total
Scott Ressler	66	264
A: <i>You Get the Ugly One</i>		
HM: <i>Straight Story #2</i>		
Lawrence Kaufman	J	255
Abe Perlstein	62	252
HM: <i>Ahh, That Feels Good</i>		
Miles Clay	64	252
HM: <i>Orange Time</i>		
Earl Colgan	65	251
HM: <i>Carmel Mission and Artist</i>		
A: <i>Goat Herder</i>		
Phillip Steinman	62	249
Mitch Walker	J	249
Bob Phillips	57	244
Chuck Bernhardt	168	222
Kathy Day	64	194
A: <i>Climbing the Tower</i>		
Mike McKinney	—	193
Chris Olson	—	192
Dave Porfiri	—	164
Dick Howe	—	160
Todd Eifert	21	90
Mark Kernes	—	62
Tony Alderson	—	21
Ray Zone	20	20

B Group

	March	Total
Cassie Kaufman	J	244
Dorothy Bernhardt	175	234
A: <i>At the Lake</i>		
HM: <i>Tide's Out</i>		
Derek Cowie	—	183
Bruno Lizzi	—	101

Non-Conventional

	March	Total
Abe Perlstein	67	281
A: <i>Oh, What Big Teeth You Have</i>		
Grandma		
HM: <i>Banning, CA</i>		
Earl Colgan	64	259
HM: <i>Special Effect #6</i>		
Mike McKinney	—	207
Derek Howe	—	191
Jim Comstock	—	138
Mitch Walker	J	124
Ray Zone	42	42
HM: <i>Sleeping Alms</i>		
Todd Eifert	42	42
HM: <i>Shelly Lighting Up</i>		
Scott Ressler	—	26
Tony Alderson	—	23

Provincial Park in Alberta, Canada. IMAX is currently re-editing T-REX so a shorter version can play on their dome screens. The T-Rex reel and many others are available from Charley for \$3.85 each, plus postage. You can get a catalog from Charley Van Pelt, 1424 E. Mountain St.,

Glendale, CA 91207, phone/fax (818) 243-5636.

Mattel is Growing View-Master

I think that we are all happy about how the Fisher-Price division of Mattel is trying to grow, build and improve the View-Master line. There is a 'Collector' Barbie doll out now with her very own View-Master viewer. Even when we heard the news that the long-standing Beaverton, Oregon VM facility was going to be closed, we knew that the equipment was being moved and things would continue. Fisher-Price proved at last years National Stereoscopic Association convention that they have taken a genuine and personal interest in VM. This is something that previous corporate owners did not do. Fisher-Price is growing VM into all areas with the extensive Discovery series, IMAX, other educational titles, not to mention the toy lines.

Even though Mattel continues to have it's own growing pains. Seems like all too often lately there are alarming stories about another executive who has left the company. Early in 2000, Jill Barad resigned as Mattel chairman and chief executive after a botched acquisition and huge losses. Ned Mansour left his post as president at the end of March. Mansour issued a memo that stated he was ending his 21-year career at Mattel in part to spend more time with his family. I have no reason to doubt Mansour, but I am always curious about executives who leave a position 'to spend more time with their families' only to end up working at another company before their nameplate is switched out. Harry Pearce, was controller until he announced his retirement in January. The Mattel stock has suffered from the string of departures and the poor results by its Learning Co. software and interactive unit.

Mattel has hundreds of millions of dollars in losses from its Learning Co. unit, which it only acquired last May for \$3.5 billion. Mattel is reported to be paying Barad a hefty severance pay, which some believe to be at least \$11 million. All of this makes me wonder why Mattel is worried about saving what amounts to peanuts by closing the Oregon VM facility.

See you at the meeting!

Editorial—Continued from page 2
generated images that never existed in the light of the real world. I believe that SCSC is the only stereo club to hold regular View-Master competitions, and even the antique art of stereocards is routinely recognized. Just about the only stereo format not saluted regularly by SCSC are line drawings with red and blue crayons!

When I first began attending SCSC meetings about a decade ago, my first impression was of the tremendous diversity of the membership. In one of those early meetings, I clearly remember watching a crusty old Orange County conservative in animated conversation on their common interests with the leather-clad lead singer for a punk-rock band. There's not many places in the world from which you can take away an image like that!

Our membership ranges from amateurs to pros and everywhere in between—including a lot of people who "just like to watch." Ages range from twenty-something to almost-older-than-God. We probably have more stereo professionals than any other club anywhere. At least a half-dozen members make their living largely or exclusively from some aspect of 3D imagery. It's safe to say that whenever you pick up any 3D comic book, Swimsuit Edition, advertisement or toy, it has probably been worked on by a member of SCSC.

With just a little tweaking of the historical record, it is possible to trace our club's lineage back to such 1950s Hollywood luminaries as Harold Lloyd, Edgar Bergen and Art Linkletter. Even today, our club boasts a number of motion picture professionals in its ranks—film editors, publicity photographers, at least one full-time actor, and a number of other peripheral people. One SCSC member worked as everything from a consultant to a director of photography on most of the 3D movies in the 1980s cycle.

And speaking of movies, SCSC is the only club to sponsor a branch devoted entirely to 3D video and film, and to back a competition in that medium. Members experiment in everything from Bolex side-by-side movies, through anaglyph to full

field-interlaced video production.

In short, anyone who thinks that SCSC is calcified or resistant to change clearly has his head somewhere that has impeded his vision. Our membership includes a broad spectrum of individuals from the conservative to the futuristic, interested in the entire range of stereo imagery from the work of Wheatstone and Brady to the limitless promise of computer graphics, and working in every medium the imagination can contrive. The membership of SCSC is truly an exciting group to be among, and I for one appreciate them, one and all!

Zone—Continued from page 3

Nigel Bruce in the Natural Vision process.

Oboler engaged Biroc as director of photography and Worth as cameraman for the 3D filming on Ansco color stock which began on June 18, 1952 in a rugged mountainous area 45 miles north of Los Angeles. The Natural Vision rig was covered with a large blimp and was mounted on a mobile camera car, called the "Blue Goose," for almost every take. This car was a converted 4-wheel drive Army weapons carrier with a fork-lift and platform on the front, operated hydraulically.

To avoid false perspective and distortion, Worth and Biroc made careful placement of people for camera setups and careful selection of

lenses. The viewfinder of the Natural Vision camera also permitted the director of photography, cameraman and director to scan a scene during a single rehearsal, all at the same time. Printed on Du Pont color stock and projected with two interlocked projectors, "Bwana Devil" opened big on Thanksgiving, 1952 at two Paramount theatres in Los Angeles.

Within two days of Bwana Devil's release Jack Warner had signed Worth to shoot "House of Wax" in 3D using the Natural Vision rig. Using the Natural Vision cameras, Worth subsequently filmed "Charge at Feather River" for Warner Brothers, "Devil's Canyon" for RKO, "Fort Ti" for Columbia Pictures and "Gog" in 1954 for United Artists.

After the 3D cycle had ended, Worth continued working as a cameraman and filmed features such as "Billy the Kid vs. Dracula" and "Jesse James Meets Frankenstein's Daughter" as well as TV programs such as "The Donna Reed Show," "The Real McCoys" and "I Dream of Jeannie."

Worth often recalled the stereoscopic viewers he had played with as a child. When credited for his work with 3D in the 1950s, he pointed out that "3D's been around for eons, even before my time."





3D NEWS

Stereo Club of
Southern
California

VOLUME XLIV #11

MAY 2000

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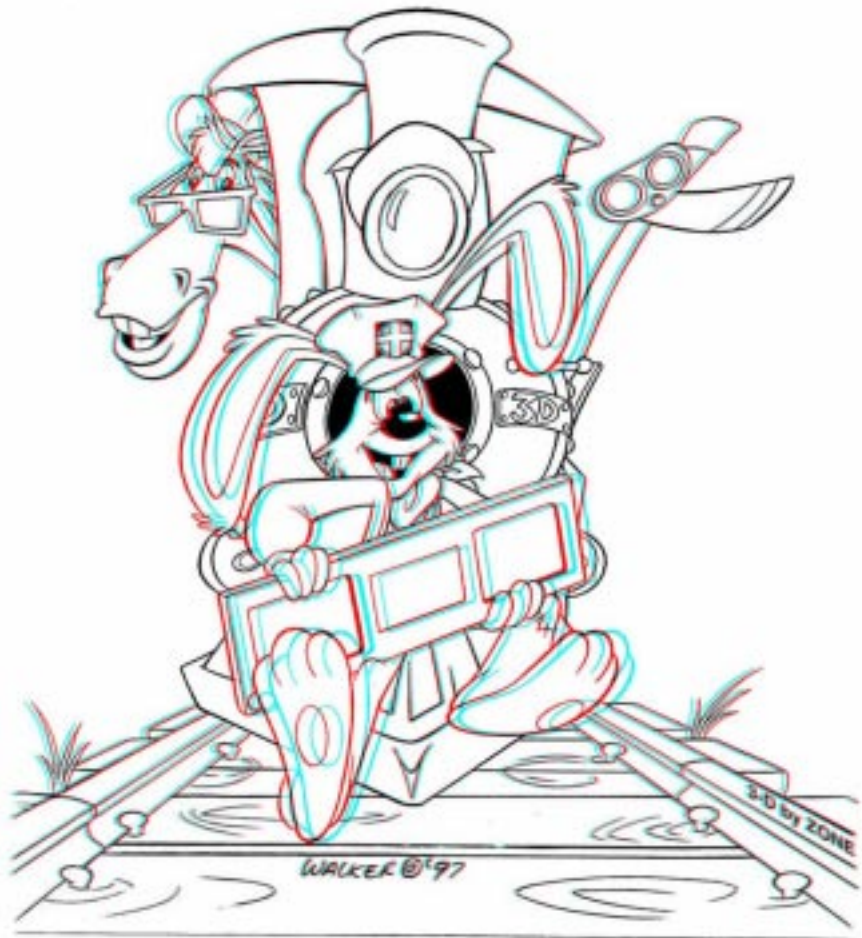
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Mitch's Sketchbook



3D Anaglyph Conversion by Ray "3D" Zone

The Stereo Club of Southern California was founded in 1955 to promote the art, enjoyment and science of stereo photography. Meetings, which normally include 3D slide projection, are held monthly. Visitors are always welcome. Annual dues are \$30/single or \$40/dual (send to the Membership Director). The *3D News*, with a total circulation of about 250 copies, is sent monthly to all members. Annual subscription for those not wishing to participate in Club activities is \$20, and foreign subscriptions are \$25 (send to the Treasurer). Everyone is encouraged to submit stereo-related news items, articles, art work or photo tips for the *3D News*—deadline is the last day of the month (send to the Editor).

May						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

June						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Calendar of Events

May 18

Final Club competition plus a special presentation by Ray "3D" Zone on the production of the seminal 3D movie, Bwana Devil. 7:30 pm at Wilshire United Methodist Church, 711 South Plymouth Boulevard, near Crenshaw and Wilshire.

June 15

The annual View-Master competition. This meeting is also the deadline for Slide of the Year entries.

July 20

The Awards and Installation banquet, plus announcement of the Slide of the Year winner.

August 5

Movie Division meeting. Longley Way School, 2601 Longley Way, in Arcadia.

August 17

Stereo Expo / Stereo Card competition / London Slide Battle.

Meeting Preview

Rare Views of 3D Movie Production

Ray Zone will bring his popular "History Zone" to our next meeting, with an extremely rare collection of stereo slides, many not seen in nearly a half a century.

Ray will present a program of newly discovered 3D slides shot with a Stereo Realist camera by ace Hollywood cameraman Joe Biroc behind the scenes in 1952 during the 3D filming of Bwana Devil, the 3D movie that launched the stereo craze of the 1950s. Many gorgeous stereo images show this landmark film in production with the innovative Natural Vision 3D camera rig used to film it.

The images were uncovered by Ray during research at Academy of Motion Picture Arts and Sciences, and are presented through the courtesy and cooperation of the Academy.

For any other stereo club, this might be enough. But not for SCSC! The program also covers the 3D movie boom of the 1950s, scenes from the 3D films and the camera technology by which many of these


3D movies were produced. Included are publicity images originally released in the View-Master format for marketing the numerous 3D movies released in the 1952-54 3D cycle.

This show is a "must-see". Don't miss it!



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The History Zone

A stroll through the history of stereography with Ray "3D" Zone

Arthur Girling—A Stereoscopic Artist

For many years I have been intrigued by the stereoscopic drawings of Arthur Girling. I first encountered them in the pages of "Stereoscopy" (No. 8, 1979) published by the International Stereoscopic Union (ISU). A lovely series of four stereo pairs created by Girling are reproduced on page 11 of this issue. Three of them are stereo conversions of club logos for the ISU, the Stereoscopic Society and the Third Dimension Society. The fourth is an intricate geometric rendering with a dramatic depth effect. Long before I began my own career with stereo conversion I pondered the fine work evident in these lovely 3D images and drew inspiration from them.

After a 50 year career in Stereography, both as a dedicated amateur and a professional, Arthur Girling has passed away. He was in his mid-eighties so we can safely say that Arthur was a stereographer for more than half of his life. He was a sweet and very soft-spoken man who practiced the stereographic art with a great sense of history and a delicate precision. Thankfully, Arthur had the foresight to self-publish a magnum opus called "Stereoscopic Drawing, A Theory of 3D Vision and Its Application to Stereoscopic Drawing" in 1990. It is a handsome casebound book with 96 black-and white pages and 11 gorgeous anaglyphic plates.



With "Stereoscopic Drawing," Arthur demonstrated the exact theoretical foundations of his own work by examining the 19th century writings and art of Charles Wheatstone and Sir David Brewster. "The aim of this book" wrote Girling in the Foreword, "is to set out methods of stereoscopic drawing based on a theory of stereopsis or binocular vision."

Arthur made it very clear that three-dimensional vision was an illusion. "A picture is a light pattern on a flat surface," he wrote, "and any apparent three-dimensional quality it may have must be an illusion." With a chapter on Special Effects, he analyzed such illusions as pseudostereo, hyper/hypo stereo, random dot stereo pictures, monocular stereo, cardboarding, multiplane

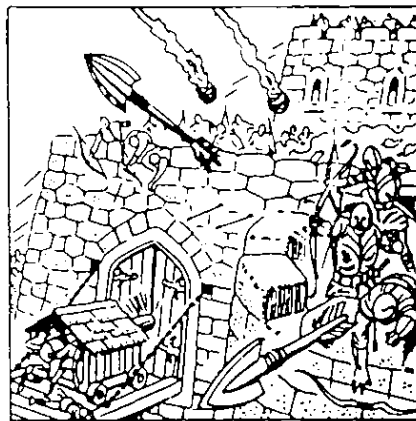
stereo and impossible figures.

I reviewed "Stereoscopic Drawing" for the November/December 1990 issue of Stereo World and offered the following remarks:

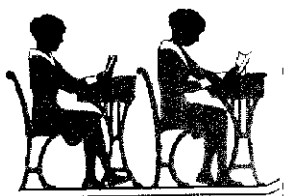
"Stereoscopic Drawing is a unique marriage of the theoretical and the pragmatic. In the absence of any database on the subject, Girling has been forced to invent techniques for implementing 3D conversion of existing images and 'pure' 3D drawing of geometric solids.

"In discussing the dynamics of stereopsis, Girling is setting forth some of the aesthetic potential of 3D drawing and conversion. Many stereoscopic techniques are available in these arenas that would be difficult, if not impossible, to apply to stereophotography proper. These techniques exploit the interactive character of stereo perception and the mysterious realm of the brain and its role in vision."

By a happy circumstance, in the same issue of Stereo World, Arthur reviewed the "Batman 3D" graphic novel which I had just produced and was very insightful and kind in commenting on my work with 3D comics. "The stereographer making sequences for projection would find it worth while to study these drawings," he wrote. "A close study of the anaglyph sequences will give stereographers a fresh outlook which **ZONE—Continued on page 7**



Arthur Girling produced this stereo conversion for a British toy company in 1955.



News and Notes from the SCSC Clubhouse

by Lawrence Kaufman



Be sure to pass along any 3D news to Marvin Jones. He would love your contributions to the 3D News. If you know of, or read about something 3D, pass it onto Marvin. The contact information is on the cover, the deadline is the last day of the month.

Upcoming meetings

May 18th Meeting

We have a very busy evening planned for the third Thursday of May. It is our final SCSC competition night of the club year. Bring your three best slides and any make up slides that you need to be 100% for this year's competitions. These are the last slides that will be able to qualify for the 'slide of the year' competition. You need to also bring the best five entries from this year's competitions to be judged in our annual 'slide of the year' competition. These five slides will be sent to another club for judging, good luck!

For our second program, we are very lucky to have an almost exclusive showing of some behind the scenes stereo slides taken on the set of the 1952 3D motion picture that started the 3D movie boom of the 1950's. You will recall that last month, Ray '3D' Zone had a memorial on the recently departed Lothrop Worth. During his research for the article and his work with American Cinematographer magazine and the American Society of Cinematographers (ASC), Ray uncovered some stereo slides in the Academy collection taken behind the scenes at the filming of BWANA DEVIL (1953).

Ray presented these slides as part of a well-received April meeting of the ASC. He has now added some additional slides taken on other 3D films of the 1950's. Including copies of View-Master reels that had been made available to be shown in the theater lobbies that were playing the 3D back in 1953 and 1954, as preview attraction reels.

As usual at our May meeting, there will be a little club business. The

SCSC bylaws state that nominations for the next club year's officers can be made from the floor at our May meeting. All floor nominations are subject to the conditions that

- The person being nominated is present at the meeting and gives consent. Or
- The Nominee has given the nominator written consent and said written consent is given to the Secretary at the time of nomination.

The slate of officers for next year include: President—Steve Berezin; Vice President—Charley Van Pelt; Secretary—James Comstock; Treasurer—David Kuntz.

Steve Berezin

Steve Berezin has been Vice President for the past year. I think he is an excellent candidate for President. Steve has only been a member for a few years. But, each month he seems to get more involved in the club and stereo photography—through his rapidly expanding company, Berezin Stereo Photography Products. Steve drives from his home in Mission Viejo to be with us each month. Steve was born in Ohio. He lived 10 years in Boston and has a Molecular Biology background. Steve is the father of two sons and one daughter. His wife Anna makes it to some of the meetings. Berezin Stereo Photography Products (21686 Abedul; Mission Viejo, CA) <http://www.berezin.com/3d> sells viewers and other stereo photography supplies (such as the stereo slide storage pages that I use) and neat 3D collectibles. Steve shoots with his TDC Colorist II, (given to him by his Uncle), Realist, twin Rig Canon EOS, View-Master Personal, Fed and FedBoy cameras.

Steve got into manufacturing viewers because after a trip to Carlsbad Caverns when he only had a weak flash, no tripod and K64 film he found the film too dark to view until he made a viewer from a set of achromats and a high energy xenon caving light. The only pictures Steve has of his father and grandfather in

their youth were stereoviews taken before 1932. Steve can be reached by email at steve@berezin.com, telephone at (949)581-8378 or FAX (949)581-3982.

The Other Nominees

I am very happy that Charley Van Pelt has accepted the nomination of Vice President. With a fifty-year history with View-Master, as a photographer and salesman for their scenic reels, SCSC is very lucky to have such an important individual and proponent of stereo photography. I am very pleased that both David Kuntz and James Comstock have agreed to continue with their important jobs as SCSC officers.

These individuals and all of the other members who unselfishly volunteer their time, to try to make SCSC a better club truly exemplify the following quote. "The men (and women) who build the future are those who know that greater things are yet to come, and that they themselves will help bring them about."

The fun begins at 7:30pm at the usual place, the Wilshire United Methodist Church, 711 South Plymouth Blvd., at the corner of Wilshire near Crenshaw, west of downtown Los Angeles. We will meet as usual downstairs in the Plymouth Hall. A reminder that after most SCSC meetings a small group meets a couple of miles away (up Western) at Piper's Restaurant for a snack (or meal) and some more stereo photography talk. All are welcome to come and join in the 3D camaraderie.

The 3D Movie/Video Division is still working on an outing for the entire club (see below). The intimate group usually enjoys 3D videos and discussion of new 3D/stereo products the first Saturday in February, May, August and November. Discussion continues on SCSC putting together a show for public access television. The 30-minute show would include numerous 2 - 3 minute segments discussing 3D and stereo

photography. We need producers for these segments. The 3D movie/video meetings usually commence sharply at 7:00 PM at the Longley Way School, 2601 Longley Way at Las Tunas, Arcadia, CA 91007. Website: <http://www.ausd.k12.ca.us/lw>.

C3D TV Field Trip

C3D Television is the 24-hour 3D-satellite television channel. They have been operating for over a year from the Marina Del Rey and Venice areas. They are getting ready to branch out into other 3D projects, including publishing and motion pictures, among other things. We plan to visit their new offices (after they move) sometime in May or soon thereafter. At press time, it is still uncertain when they will make the move to their larger offices and when we will be visiting their facilities. We are tentatively planning a weekday evening visit to be able to catch one of their shows in production.

If you are interested in going on this outing, please contact Lawrence Kaufman (contact info is on the cover). We will very likely have more information at the club meeting.

The Y2K Meeting Schedule

Year 2000 is our 45th year! Here is the schedule for the rest of the year:

- June 15th—View-Master Competition
- July 6th - July 10th—NSA Convention in Mesa, AZ
- July 20th—Awards and Installation Banquet / Slide of the Year
- New Club Year begins...
- August 5th—Movie Division

meeting

- August 17th—Stereo Expo/stereo card competition/London Slide Battle
- September 4-9—PSA 2000 International Conference of Photography in Albuquerque, NM
- September 21st—1st 2000/2001 SCSC Club Competition / Plus program
- October 19th—2000 SCSC Club Auction
- November 4th—Movie Division meeting
- November 16th—2nd 2000/2001 SCSC Club Competition / plus program
- December 14th (second Thursday)—SCSC Holiday Banquet / slide program

July Banquet

Again this July, SCSC will hold their Awards and Installation banquet at Taix (pronounced Tex) French Restaurant in Echo Park. You can now purchase your tickets in advance from Mitchell Walker. They are currently \$20 per person, the tickets will be \$25 at the door.

Our Previous Meeting

The April 20th program included the PSA Traveling Exhibition and a Stereo Card mounting workshop - presentation by David Thompson and Ray '3D' Zone. The PSA Traveling Exhibition is always a favorite evening for our members and a tradition for the club. The PSA Traveling Exhibition works like many other PSA approved exhibitions, with individuals entering and being judged.

The twist to this exhibition is that the accepted slides are then sent around to individual stereo camera clubs to be judged again. The individual clubs award their picks for the best slides. We will show all the accepted slides, along with our judge's picks for top place. The images were all great. I know that our panel of judges, which included Steve Berezin, David Thompson and myself had trouble deciding among them for ones to fill the top spots. I hope next year to see a few more of our member's slides entered. The closing date for entering is July 18th. You can request the entry form from Mary Bury, APSA, 6525 Sunrise Blvd., #52, Citrus Heights, CA 95610.

Several years ago, David Thompson put on a well-attended and informative stereo card-mounting workshop presentation. Since David is now mounting his cards differently, it was time for another workshop. David was unbelievable. All the equipment he had and the gorgeous stereo cards that he cranked out were fabulous. Ray Zone also volunteered to show and teach us how he mounts his cards. The process that he uses makes the chore seem so easy. We just wanted to go home and go to work on some stereo card mounting. If you couldn't make the meeting, Oliver Dean did have his video camera at the meeting. Hopefully the video will be added to the club library. David has many times in the past volunteered to put on a smaller one-on-one workshop at his home in Brea. Check with David about availability for this. David can



David Thompson demonstrates his meticulous and mechanically aided technique for mounting stereocard images, part of a two-part workshop at our April club meeting. In a sort of point/counterpoint, Ray Zone demonstrated his own, much more free-form technique for doing the same thing. The results were the same, the paths quite different!

be reached at (714) 671-1403 or email him at: DLT4WD3D@aol.com.

Hopefully everyone paid close attention, so you can enter some award winning stereo cards in the clubs annual stereo card competition that is scheduled for August!

Member Help For Our Club

As the club year draws to a close, remember that the club is what YOU make it. SCSC is always looking for members who are interested in helping out (actually, we are always looking for members, period!) and members to serve on the SCSC board. Who will serve on our board next year? You can sit in the back of the room and complain that the club is not open to change or you can volunteer your time and effort to improve OUR club. You CAN make a difference. SCSC wants YOU!

SCSC Logo Slide

David Kuntz will again make the SCSC Logo focus slide available in the very near future. Watch these pages for more information on price and availability. It has been some time since David made copies of this great slide available to our members. All the proceeds go to SCSC. Let David know if you are interested in purchasing one or more copies of our fabulous club logo slide.

3D at the Book Store

- Sports Illustrated Magazine. You have until the end of the month to pick up your 3D copy of the Sports Illustrated Swimsuit issue.
- Guitar World Magazine. If you remember last fall, Guitar World had a 3D issue. The 3D that time was the work of Ray '3D' Zone. Guitar World has another 3D issue out on the stands now. It is the June 2000 issue. This time someone from American Paper Optics produced the 3D conversions.
- Waves Magazine. Not at any local book stores, but a February 2000 issue of this Australian surfer magazine was produced in 3D with the help of our very own Ray '3D' Zone. Ray brought a few issues to a recent meeting, he may have some more issues for sale (you might even be able to get it autographed!).
- 3D Bugs. You may recall last year

that David Starkman and Susan Pinsky were showing off a book that I called the world's largest 3D book. It was entitled The 3D Dinosaur book and it measured almost 15 inches by 23 inches. The book was a reworking of the 3D pictures and dinosaur facts that had been included in The Humongous Book of Dinosaurs. That book had been a compilation of the Atlas editions of 'Dinosaurs!'. The 3D Dinosaur Book was produced by Torment in Montreal and could have been found at traveling book sales. 3D Bugs is the same size and also comes with cool-shaped 3D plastic glasses. These are shaped as a butterfly. It is also produced by Torment, but were available through the Barnes and Noble books network. They were priced at \$14.98, but were being closed out.

- Walking With Dinosaurs—3D Dinosaurs. This BBC book from Dorling Kindersley Publishing in New York contains amazing realistic images—as seen on the Discovery Channel! (it says so right on the cover). Also over-sized it is almost 12 by 16 inches. It was seen in the children's book department at Barnes and Nobles for \$9.95 prepriced.

3D Magic Plus Cameras

Last month I noticed a display of the single use 3D Magic Plus cameras (w/built-in flash) at the local Pic 'N' Save closeout and discount store. They are selling for \$8.99 and have a



year on the develop by date. The mailers included have a sticker with the 3D Imaging Systems Monrovia, CA address. Consolidated Stores owns Pic 'N' Save, Big Lots, Odd Lots and MacFrugal's in other areas of the country, so it is quite possible that they could show up at any of those locations also.

The same camera with only an additional small lenticular photo stuck to the outside of the package is selling for more than three times as much at the Museum Store.

3D Video

Scott Ressler reported this from the National Association of Broadcasters (NAB) convention, which was held last month in Las Vegas. Toshiba had a new Stereo Video projection technology, but the really great demo was at Panasonic. They have a form of 3D DVD. It's a prototype, running off of a PC, flickers at 120 Hz (a huge improvement over 60Hz NTSC video). It uses a semi-proprietary 4 track DVD, and can run in 16:9 format, as on a wide monitor. In his opinion it's fantastic, great contrast and sharpness, minimal flicker, wonderful depth, and nice LCD wireless glasses that are light and fit nicely over prescription glasses, with minimal darkening. But the demo was a 3D-computer animation, which may not be the ideal way to judge.

3D Exhibit at the UCR/CMP

As promised to the club on their February tour of the UCR/California Museum of Photography, the museum opened a 3D anaglyph projected slide exhibit last month. "Rear View Mirror: Automobile Images and American Identities" opened on April 8th and runs through August 13th. The exhibit is presented in conjunction with the Auto Club of Southern California. The images date back to the beginning of the automobile. Several of the prints are half of a Keystone-Mast stereo view. The exhibit has many contemporary views, many Hollywood shots and a classic or two, such as "Freeway Cloverleaf" (1966) by Ansel Adams. The 3D slide show is presented in a continuous playing 2x2 slide projector loaded with a couple dozen
KAUFMAN—Continued on page 7

ZONE—Continued from page 3

could influence the composition of their pictures and bring much needed variety into the presentation of a sequence.”

Recently, Arthur was kind enough to lend me his copy of Wheatstone's 1838 paper "Contributions to the Physiology of Vision." He had lovingly prepared his copy of the treatise into an annotated chapbook bound together by hand. Among stereographers, Arthur Girling will be remembered for his landmark work in the field of 3D drawing.

Note: "Stereoscopic Drawing" by Arthur Girling is available from Reel 3D Enterprises. For information phone (310) 837-2368 or visit on the web at: www.reel3d.com



An example of one of Arthur Girling's 'raised base' stereo conversions

KAUFMAN—Continued from page 6
anaglyphic images projected on a rear screen in a small walk-through booth.

The UCR/CMP is located forty miles east of Los Angeles in Riverside, the home of the 2002 NSA convention. For more information call the museum at (909)787-4787 or check their website:
<http://www.cmp.ucr.edu>

SSA Yearbook

The Stereoscopic Society of America Yearbook is a must-have. The price for one book is \$9, which includes shipping - what a bargain! This book was a labor of love by Shab Levy. The book is 115 pages full of stereo photos. It also features a nice history of the society and a nice introduction by Norman B. Patterson. All members (SSA members are some of the top stereo photographers) were invited to send in several of their favorite stereo photos including one of themselves. Most did and the yearbook features an individual member per page with a short biography and three of their stereo images. Mail a \$9.00 check made out to SSA to: Shab Levy, 6320 SW 34th Avenue, Portland, OR 97201 and you won't be disappointed. You might even decide to join this group and send your stereo shots around in one of their folios and be included in the next yearbook. Membership and participation gets you the book for free, you can still join, only \$10 per year (for NSA members only). Shab has created a new email discussion list

for SSA members and non-members. You may find it useful to join:
<http://www.onelist.com/group/StereoscopicSocietyofAmerica>. Shab can be emailed at: shab@easystreet.com.

SCSC View-Master Reels

Don't forget, the first of several SCSC collector View-Master reels will be available soon. Through some generous assistance from long-time VM photographer and member Charley Van Pelt and the use of seven great shots provided by the UCR/California Museum of Photography, SCSC will soon have our first 'collectable' reel for sale. The first will spotlight George Lewis, Keystone's last stereographer, the last of his kind! Stereo World had a great article in their November/December 1993 issue, highlights will be included in the folder that will come with our reel. Look for it very soon.

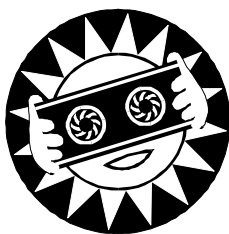
Other View-Master News

We brought our 'Collector' Barbie doll to the April meeting. She sure is cute with her very own working miniature View-Master viewer. Too bad she costs \$60, but she is the first in a series. It looks as though the news that the long-standing Beaverton, Oregon VM facility is closing is not going to be good news for those who use the blank personal VM reels to mount their own VM reels. As we have mentioned several times, if you have a VM personal camera and plan to ever use the VM personal reels, now is the time to buy them. Mattel's Fisher-Price division proved at last year's National Stereoscopic Association convention that they have taken a genuine and personal interest in VM. But they do not appear to have plans to continue manufacturing the personal reels, so buy them now.

See you at the meeting!



SCSC Club member David Saxon, in his SSA Yearbook photograph.



Stereo Club of Southern California
Slide of the Year Entry Form
for 1999-2000 Competition Year
The "You Can't Win if You Don't Enter" Form
Entry Deadline: June 15, 2000

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: (____) _____

Please select five slides you submitted in Club competitions from September 1999 to May 2000 for entry in the SCSC Slide of the Year competition and show. The slides may be any combination of "Standard" and/or "Non-Conventional" slides. The slides may be any combination of Realist-format and/or 2"x2" slides. Please number your slide entries to correspond to the order in which you list them below. *Be sure to thumbspot your slides in the lower left corner as for use in a viewer.*

This year there are three special awards for individual slides: ***Imagineering Award*** for the best use of the imagination to create the most unusual slide; ***The Wonderful World of Color Award*** for the best use of people or animals in a slide; ***The Most Promising New Member Award***—a group of five slides from each new competitor will be judged for the special award Most Promising New Member. All Club members with less than two years in the club are automatically eligible for this award as well as the ***Slide of the Year Award***. To have any of your slides considered for these awards, please place the letter I (Imagineering), W (The Wonderful World of Color Award), C (All Creatures Great and Small Award) in the Special Category column below. *All slides are eligible for the Slide of the Year Award. A slide may be considered for more than one special award; you may place more than one letter in the Special Category column.*

<u>Slide Number</u>	<u>Slide Title</u>	<u>Special Category</u>
1	_____	_____
2	_____	_____
3	_____	_____
4	_____	_____
5	_____	_____

Please bring your five slides with this completed form to me at the Club meeting on June 15, 2000. If you can't make the meeting, please mail your entries to:

Mike McKinney
CB Richard Ellis, Inc.
990 West 190th Street, Suite 100
Torrance, California 90502-1025
(310) 516-2312

The absolute final last deadline for receipt of all entries is June 15, 2000
If you have any questions or problems, don't hesitate to call Mike McKinney at the above number.



3D NEWS

Stereo Club of
Southern
California

VOLUME XLIV #12

JUNE 2000

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Mitch's Sketchbook



The Stereo Club of Southern California was founded in 1955 to promote the art, enjoyment and science of stereo photography. Meetings, which normally include 3D slide projection, are held monthly. Visitors are always welcome. Annual dues are \$30/single or \$40/dual (send to the Membership Director). The *3D News*, with a total circulation of about 250 copies, is sent monthly to all members. Annual subscription for those not wishing to participate in Club activities is \$20, and foreign subscriptions are \$25 (send to the Treasurer). Everyone is encouraged to submit stereo-related news items, articles, art work or photo tips for the *3D News*—deadline is the last day of the month (send to the Editor).

June						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

July						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Calendar of Events

June 15

The annual View-Master competition. This meeting is also the deadline for Slide of the Year entries. 7:30 pm at Wilshire United Methodist Church, 711 South Plymouth Boulevard, near Crenshaw and Wilshire.

July 20

The Awards and Installation banquet, plus announcement of the Slide of the Year winner.

August 5

Movie Division meeting. Longley Way School, 2601 Longley Way, in Arcadia.

August 17

Stereo Expo / Stereo Card competition / London Slide Battle.

Obituary

David Hutchison (Oct. 18, 1946 - May 3, 2000)

Some thoughts and remembrances by Susan Pinsky and David Starkman with additional remembrances by a few of his friends

David Hutchison passed away on May 3, 2000. He died peacefully after a brave and difficult six month battle with pancreatic cancer. He was 53 years old. He was our dear friend for more than 20 years, and he was a friend to many in a wide variety of areas of interests.

David was a very private person. He had great intelligence, humor, enthusiasm and creativity. We mainly knew the 3D facet of Hutch (as he was affectionately known to all of his friends) and we loved him for it. He also had a very strong appreciation and career in opera, a Tesla coil engineering interest, and an acting, directing and theater life, which we personally knew very little about.

We met around 1979 when he came to California and visited us. We first met due to mutual crossover interests in science fiction and 3D. David Starkman had been a "Starlog" magazine reader since it's first issue in 1977. Hutch was a Production

Assistant at Starlog, but immediately became a writer, and then Science Editor for the magazine. (See more later in this article by the former

Publisher of Starlog). Before we ever met Hutch we read his wonderful articles about 3D Sci Fi movies in *Hutchison—Continued on page 6*



David Hutchison with David Starkman in December 1999. Photo by S. Pinsky.

Visit our website at <http://home.earthlink.net/~campfire>

The History Zone

A stroll through the history of stereography with Ray "3D" Zone

Technical Tempests

The Amateur Photographic Exchange Club (APEC) is a venerable organization through which different photographers exchange their work. The first APEC was formed in 1861 by H.T. Anthony. APEC III is a contemporary club for stereo photography and allows members to collect each other's stereo views. Membership is free but members must cover postage costs.

Print stereographs are exchanged in either of two formats: classic "Holmes" style, 3½ x 7 inches and modern View-Magic 4 inches high by any width—usually 6 inches. APEC III members get to keep the stereo views they receive in each exchange and also give one to the NSA Research Library. If there are thirty participants in a particular exchange each member makes thirty reproductions of a particular view and sends them to a site administrator who distributes thirty different views to each participant.

APEC III has an online discussion list that recently had an interesting dialogue on a technical matter pertaining to the making of stereocards using photographic versus digital methods. Member George Freeman posted the following observation: "It's my belief that folks latch onto digital as a cost saving, time saving device and, in terms, of product produced, a total-digital card is only comparable, in the best of all worlds, to the color-litho stereo cards that were prevalent in the early 1900s. (Read: Next to worthless!)"

Since I take issue with that position I posted the following: "Some of the stereo cards I treasure most in my collection are color lithos. I particularly enjoy the American Colortype series and the T.W. Ingersoll narratives. In his pioneering book "The World of Stereographs," William C. Darrah devoted a whole chapter to "Half-tone stereographs—Lithoprints."

Before dismissing the color-litho stereocard as "Next to worthless"



William C. Darrah, author of "The World of Stereographs"

perhaps we should read what this esteemed historian had to say (p. 56) about this class of stereograph:

"Serious collectors of stereographs have generally ignored half tone and collotype views simply because they are not photographs. In consequence of this neglect, very little is known about them.

"It is true that many lithoprints are garishly colored and poorly printed. There are, however, some redeeming qualities. There are many scenes recorded in lithoprints that are not

found in any other type of stereo views. Collectors and historians interested in city scenes, the United States Navy, early automobile and motor truck subjects—will be surprised by the wealth of information in lithoprint formats.

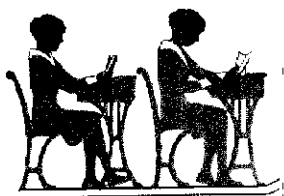
"More importantly, lithoprints, particularly three color stereographs are among the earliest and finest products by the half tone method. Fine copies deserve preservation and greater appreciation."

By the same token, might not present day examples of digital stereographs (produced by amateurs or professionals) one day hold an equivalent historic interest? As digital imaging becomes more prevalent, current efforts might well bear critical examination in the future as a watershed of where the technology has been.

APEC III member Bruce Springsteen noted that an early issue of Stereo World magazine had included a reminiscence by Coleman Sellers, an original APEC member, published in 1888 in "Anthony's Photographic Bulletin" regarding a controversy between dry plate ("Siccus") and wet-plate ("Humidus") workers: "We all remember the fight between Siccus and Humidus; between the advocates of dry and the sticklers for wet collodion." The outspoken opponent of dry plate



American Colortype, Stereo Litho Card, 1925



News and Notes from the SCSC Clubhouse

by Lawrence Kaufman



Be sure to pass along any 3D news to Marvin Jones. He would love your contributions to the 3D News. If you know of, or read about something 3D, pass it onto Marvin. The contact information is on the cover, the deadline is the last day of the month.

June VM Exhibition

June 15th is the third Thursday (early this month) and our View-Master Competition. You need to quickly finish up those VM reels and get them ready to enter. This is a full night, especially if the entries are anything like our previous competitions, which had one great stereo sequence after another great stereo sequence. After any short announcements, we will get right into the judging of the VM entries from around the world. Our club hosts the only competition for View-Master photographers. The entrants are allowed to enter up to four reels. The idea being to put a compelling sequence of VM images together on one VM reel. Thus the stories in these sequences must be told in seven images. The entrants also supply narration to be read when the images are projected to help tell their story.

The selectors will be Norm Henkels *****, APSA, San Diego, CA; Gary Schacker, San Diego, CA; Dan Gilvezan, Studio City, CA and the alternate selector is David Kuntz, Rancho Palos Verdes, CA. The awards will include The PSA Stereo Division gold medal for "Best of Show", Best Photo-Travel reel Best Scenic reel, Best Theme reel, One gold, silver and bronze medal, a special award for SCSC member and HM ribbons. The judging takes place at our meeting and there will be three showings held. On June 27th at the Jewel City Camera Club meeting at the First United Methodist Church, 134 N. Kenwood in Glendale. On July 6th at the NSA convention in Mesa, Arizona. And July 13th at the Pasadena Stereo club meeting, location to be announced.

Remember, you need to also bring

the best five entries from this year's competitions to be judged in our annual 'slide of the year' competition. These five slides will be sent to another club for judging, good luck! The entry form is on the back of last month's 3D News.

The fun begins at 7:30pm at the usual place, the Wilshire United Methodist Church, 711 South Plymouth Blvd., at the corner of Wilshire near Crenshaw, west of downtown Los Angeles. We will meet as usual downstairs in the Plymouth Hall. A reminder that after most SCSC meetings a small group meets a couple of miles away (up Western) at Piper's Restaurant for a snack (or meal) and some more stereo photography talk. All are welcome to come and join in the 3D camaraderie.

SCSC View-Master Reel

It's finally here! The first of several SCSC collector View-Master reels will be for sale at the VM Competition. Through some generous assistance from long-time VM photographer and member Charley Van Pelt and the use of seven great shots provided by the UCR/California Museum of Photography, SCSC now has its first 'collectible' reel for sale. The reel is only \$5.00 at the meeting. Several SCSC members will be selling the reel through their normal for sale outlets. You can purchase from Berezin Stereo Photography Products at (949) 581-8378, email 3d@berezin.com and Reel 3-D

Enterprises, Inc (310) 837-2368, email reel3d@aol.com their regular postal rates will be apply.

The reel spotlights George Lewis, Keystone's last stereographer, the last of his kind! Stereo World had a great article in their November/December 1993 issue. Here is what Stereo World editor, John Dennis had to say about George Lewis:

Taking up a profession already on it's last legs months before the beginning of a depression may not seem like the best career move in retrospect, but Young George Lewis probably had few if any such concerns when he joined the Keystone View Company in August of 1929. It's likely he knew that Keystone has the shrinking stereograph market to itself after completing the purchase of the remaining Underwood & Underwood negatives in 1922. It's less likely he knew he'd be the last of his kind. A full time, world-roving professional stereographer, he recorded exotic people and places fore publication as traditional stereo views for some time after George Lewis necessitated by the depression reduced both photography and production to a fraction of earlier years.

George Lewis performed his job with an enthusiasm, energy and imagination equal to any predecessors. In a few years with Keystone he produced an impressive stereo record of the early 1930s that
Kaufman—Continued on page 5



The recent SCSC Board Meeting took place at the home of David Thompson, deep in the heart of Orange County. Here several members of the Board ponder serious matters concerning the future governing of the Club.

Kaufman—Continued from page 4
helped Keystone maintain the quality of its images even as the format and he company were fading from the scene. He had a genuine interest in both the stereoscopic medium and his subjects, and it is evident in his work, which often reveals a fine sense of pictorial composition combined with dramatic stereo impact. It doesn't take a lot of study of his views to get a sense that George Lewis loved what he was doing and wanted to share the fun he was having.

SCSC CD-ROM

Steve Berezin is still planning a club CD-ROM, with the proceeds going to the club. We need images from members and perhaps a short biography. Why not let Steve scan your slide of the year slides when they are returned. The CD-ROM will include other club images and past copies of the 3D News. Check with Steve for any updates.

NSA Convention in Mesa, AZ

You won't want to miss the National Stereoscopic Association's annual convention in Mesa, Arizona. The convention runs from Thursday morning, July 6 until Monday evening, July 10. Room hopping begins Wednesday afternoon, July 5. The convention moves around the great 48 states with an East, West, Middle USA swing from year to year. This year it is in the western United States and close enough for us all to attend. Rooms at the Sheraton Mesa hotel are surely all booked up by now. Check their web site:

<http://www.dddesign.com/3dbydan/nsa>
y2k or a copy of Stereo World magazine for any other information. See you in Mesa, AZ and don't forget to bring your sunscreen!

July Awards Banquet

July 20th—Awards and Installation Banquet / Slide of the Year. Again this July, SCSC will hold their Awards and Installation banquet at Taix (Pronounced Tex) French Restaurant in Echo Park. You can now purchase your tickets in advance from Mitchell Walker. They are currently \$20.00 per person, the tickets will be \$25.00 at the door.

August 5th—Movie Division meeting. The 3D Movie/Video Division is still working on an outing for the entire club (see below). The intimate group usually enjoys 3D videos and discussion of new 3D/stereo products the first Saturday in February, May, August and November. Discussion continues on SCSC putting together a show for public access television. The 30-minute show would include numerous 2 - 3 minute segments discussing 3D and stereo photography. We need producers for these segments. The 3D movie/video meetings usually commence sharply at 7:00 PM at the Longley Way School, 2601 Longley Way at Las Tunas, Arcadia, CA 91007. Website: <http://www.ausd.k12.ca.us/lw>.

Future Meetings

- August 17th—Stereo Expo/stereo card competition/London Slide Battle

- September 4-9—PSA 2000 International Conference of Photography in Albuquerque, NM
- September 21st - 1st 2000/2001—SCSC Club Competition / Plus program
- October 19th - 2000—SCSC Club Auction
- November 4th—Movie Division meeting
- November 16th—2nd 2000/2001 SCSC Club Competition / plus program
- December 14th (second Thursday)—SCSC Holiday Banquet / slide program

C3D TV Field Trip

C3D Television is the 24-hour 3D-satellite television channel. They have been operating for over a year from the Marina Del Rey and Venice areas. They are getting ready to branch out into other 3D projects, including publishing and motion pictures, among other things. We plan to visit their new offices (after they move). At press time, it is still uncertain when they will make the move to their larger offices and when we will be visiting their facilities. We are tentatively planning a weekday evening visit to be able to catch one of their shows in production.

If you are interested in going on this outing, please contact Lawrence Kaufman (contact info is on the cover). We will very likely have more information at the club meeting.

Our Previous Meeting

We had what might have been a record turnout at our May 18th Meeting. If not, it was definitely a record for the number of guests in the audience. It was a very busy evening. We held our final SCSC competition night of the club year. the last slides that will be able to qualify for the 'slide of the year' competition. For our second program, we were very lucky to have an almost exclusive showing of some behind the scenes stereo slides taken on the set of the 1952 3D motion picture that started the 3D movie boom of the 1950's. Ray '3D' Zone's memorial to the recently departed Lothrop Worth. During his research for the article and his work with American Cinematographer magazine and the **Kaufman—Continued on page 8**



A rare stereo image of actor Will Rogers is one of the images in the special limited edition View-Master reel now being offered by SCSC. To get your copy of this reel, contact SCSC Vice President Steve Berezin.

Hutchison—Continued from page 2
 issues No. 4 and 5 of Starlog in 1977. We seem to recall that this prompted us to write him and send him copies of our own "Reel 3D News". In those days Hutch frequently came to Hollywood to cover the sci-fi movie scene, and we first met when he came to California for one of those work visits. To us meeting the Science Editor of Starlog was a great honor, but we immediately found ourselves at ease with Hutch. We became friends from that first meeting and shared our passion for everything 3D in every way we could.

We'd meet with Hutch almost every time he had the opportunity to visit California, which seemed pretty often for a number of years. Reporting of new 3D projects, films and 3D opportunities was also our goal for "Reel 3D News" and "Stereo World", so we were fortunate enough to share some 3D experiences with him, such as the press premiere of "Captain EO" at Disneyland in 1986. Since he came to Los Angeles regularly, Hutch also joined The Stereo Club of Southern California as a full member. We think he actually timed many of his visits so he would be able to attend the club's monthly meeting.

Hutch was a Founding member of the New York Stereoscopic Society. He helped start it years ago when a small group of New Yorkers would get together intermittently to share a PSA 3D slide show, or judge a PSA Traveling Slide Exhibition or just enjoy 3D together. Bit by bit it grew into an official, serious organization of people researching, sharing, teaching and shooting in 3D. The New York Stereoscopic Society now meets quarterly at the American Museum of Natural History. On April 14, 2000, about two weeks before he died, the NYSS meeting included a special tribute to Hutch in recognition of his contributions to the Society. Many of his friends were able to attend, and he was, too. He was thin, weak and pale, but noticeably pleased as ever to be surrounded by 3D enthusiasm. He was delighted by the velvet-lined boxed gold-plated polarized glasses that were presented to him as the Founder's Trophy along with a poster of the classic 3D audience shot with a big "THANK YOU, HUTCH - THE

NEW YORK STEREOSCOPIC SOCIETY". President Greg Dinkins and the entire NYSS committee thanked Hutch for all his efforts and contributions over the years. Dinkins wrote a memorial after Hutch passed away, in which he stated "David was a source of expert advice, unlimited connections and years of experience in all things 3D. His book *Fantastic 3D* [copyright 1982] is a must read for any student of 3D in pop culture. He was a friend and mentor to many budding stereo photographers. His service on the board of the National Stereoscopic Association, his years of participation in the Stereoscopic Society of America folios, and his awards from photography clubs around the world will surely make a place for him in the 3D Pantheon. Besides all this, he had two other successful careers as an editor of Starlog magazine and as a member of the company of the Metropolitan Opera [and New York City Opera]. Most important, he was a thoughtful, decent and caring person who will be sorely missed." He will be missed by many. Hutch and Pinsky were on the National Stereoscopic Assn. Board of Directors together and used to spend many a late evening at an NSA convention discussing the details and challenges of the nearly all volunteer organization. We often shared adjoining hotel rooms at the NSA conventions so we could all keep talking about 3D into the wee hours.

Central Park in New York was one of his favorite subjects for 3D photography. He shot glorious images of it in each of its seasons. His dramatic shimmering snow and ice laden trees of the park always left me breathless. Then we would see his gorgeous back-lit changing autumn colors of the park or spring flowers and miniature horses and be even more impressed. As if those beauties weren't varied enough, he also shot it in color infrared. That's where Susan learned to shoot infrared slides. Hutch gave her her first roll to try out. He also encouraged and motivated Susan to use proper duping film in making slide duplicates. After Hutch passed away his sister wrote "David was born in Newark, NJ, Oct. 18th, 1946. He moved to Florida in 1954 and completed all schooling there. David

started at U of FL and transferred to FSU. Then moved to New York. He was a radio jock at FSU. As a teen he enjoyed photography, drama, music (many years of piano and clarinet), science and literature. Excelled in all. Did summer theater in St. Augustine before his many summers at Cherokee in 'Unto these Hills', where he played many roles and was sound director."

In an obituary written by former Starlog owner, editor and close friend Kerry O'Quinn, he said "David Hutchison joined the STARLOG team in late 1976, the year Norman [Jacobs] and I launched this magazine. Appropriately, his first writing for us was "Science Fiction Movies in 3D," beginning a two-part feature that explored Hollywood's brief 1950s love affair with "thrills that almost touch you through the magic of 3Dimension." Introducing the next issue (# 5) as Editor-in-Chief, I wrote: "Hutchison gives us a delightful tour through the history and techniques of 3D visuals. It's a subject that he has always been fascinated with (that's obvious from his knowledge and understanding), but for the first time he is being paid to discuss it."

And for the next twenty-four years, Hutch (as we called him) was paid to give our readers and our staff many delightful tours that sprang from the knowledge of his mind and the power of his passions. He had arrived at our offices a struggling actor, needing any kind of work. We needed any kind of help in the mail room, but almost immediately we learned that the tall, lean, blond boy who was quietly and efficiently stuffing envelopes had a wealth of information on various topics.

In STARLOG # 6 Hutch wrote "The Magical Techniques of Movie and TV Special Effects." This started a feature series that established STARLOG as the primary source of information on what would become one of our most popular subjects. In the next issue (the legendary Star Wars cover) he continued his special effects series by introducing readers to little-known facts about Robby the Robot, one of his favorite science fiction characters.

Hutch's articles soon led to a library of STARLOG Photo
Hutchison—Continued on page 7

Hutchison—Continued from page 6
 Guidebooks on Special Effects, featuring behind-the-scenes photos, technical diagrams, and explanations that revealed the secrets of movie magic. He put a bright spotlight on Hollywood artists who had mostly been invisible, before Industrial Light and Magic turned wizards into stars. He got to know everyone in the field, and they welcomed him into their workshops, knowing that his journalistic interest was rooted in genuine understanding and appreciation.

The books and articles on special effects that Hutch wrote for STARLOG inspired our readers, and every day we received mail wanting more. His books and articles inspired me too. I wanted to publish a magazine devoted entirely to filmmaking - the kind of publication I had needed when I was a kid making 8mm movies with high school friends in the backyard. Hutch was the perfect person to edit such a magazine. He huddled with Norman and me to create CINEMAGIC, a serious journal that taught the techniques of production and special effects to young, hopeful filmmakers.

For several wonderful years CINEMAGIC was a joyous adventure for Hutch and me. We were kids at play, sharing our toys with other youngsters. Oh, it was hard work, and we both put in long hours, but it was a labor of profound love. I could not have had a better playmate.

His enthusiasm, intelligence, and meticulous devotion to accuracy and

detail helped give our publications the reputation they stand on today.

In addition to our professional relationship, Hutch and I were friends. We shared many personal interests, from classical music and theater to Ayn Rand's philosophy of Objectivism. We were both fans of widescreen movie formats, starting in the days of Cinerama, CinemaScope, and VistaVision right up to present day IMAX 3D spectaculars. We formed strong opinions on everything, and we enjoyed disagreeing as often as we enjoyed jumping up and down with glee when something thrilled us both. A few weeks ago I attended a meeting of the New York Stereoscopic Society, an organization Hutch had pushed into being years ago. Knowing of his cancer (he'd spent several days in the hospital earlier that week), people had traveled from all over the country in order to honor him that night. He was thanked by many involved in the art of 3D photography for inspiration and encouragement, and he was recognized for his creative, award-winning work.

A few days before he died, I spent the afternoon with Hutch, talking about his life. He told me how he had come to love opera, a branch of theater he had first seen as "silly, stuffy, and poorly performed - which it was then." But once he saw a high-quality production, he was captured. He spent the rest of his life working nights and weekends as a super in productions at New York's Metropolitan Opera and New York

City Opera.

Hutch also explained that CINEMAGIC was important to him because "the sheer drive of young filmmakers, coming up to my office to show me things they'd done in their basement, was a great privilege. Most of those guys are now working in the industry. That's why I stayed in New York - because here you're surrounded by driven people, doing the most exciting things. I'd die of boredom anywhere else."

Like 3D, Disney animation, IMAX, special effects, and grand opera - New York has magic. Because Hutch savored all the magic of life, and because we shared so many passions, he was one of my favorite playmates. There was no one else like him. He was an individual of his own creation.

The magic of Manhattan is noticeably less dazzling without David Hutchison, and for me life is noticeably less fun." — Kerry O'Quinn

Richard Twichell, a fellow member of the Stereoscopic Society of America's Beta slide folio group wrote, after he heard about Hutch's death, "I was just looking at one of his slides: A winter scene in Central Park; the snow is newfallen and damp and heavy, and the picture is of a lonely path leading off into a snow covered wood. He will be sorely missed by his many friends in our group."

Hutch's dear friend of 36 years, Robert Hefley, summed up the essence of Hutch when he said "...he was alive right up until that last moment when he wasn't. He went to his editor's job at STARLOG magazine on Monday, I took him to the hospital on Tuesday, and he died at 1:00 AM almost immediately after telling the nurse who asked him how he felt that, considering the circumstances, he felt fine. He was a remarkable man, and I will miss him."

Before he died Starkman and I took time off to visit him in NY. He enjoyed the lovely little details of every day life, Central Park, his friends and his opera music. He was kind and gentle, introspective and intelligent, and extremely generous of heart and spirit. He was

Hutchison—Continued on page 8



Hutch with Susan Pinsky at the Portland PSA Meet. Photo by D. Starkman.

Hutchison—Continued from page 7
multi-talented, involved and interested in many areas and realistic and pragmatic to the end. We will always remember him in the area of 3D for his many contributions, his passion and knowledge, his friendship and his book, *Fantastic 3D*, aptly named for what he really was.

“Many people will walk in and out of your life. But only true friends will leave footprints in your heart.” - Eleanor Roosevelt.

Hutch left many footprints in many, many hearts. He will be deeply missed.

ZONE—Continued from page 3
photography had written “I am their sworn enemy. With the receipt of every tannin picture from the club, my hate increases; it is the bane of true artistic photography...”

Note: If you are interested in joining APEC III please e-mail Tom Dory at thomas.s.dory@intel.com Darrah.jpg AC.jpg Ingersoll.jpg. To order a copy of the Darrah book contact George Themelis at: drt-3d@att.net.

“I foresee that the first 3-D motion picture to follow ‘Bwana Devil’ into theaters, will be jumping with what I call ‘three-dementia.’ Everything will be leaping madly off the screen. This is a great temptation in making a three-dimensional picture, having objects, from bosoms to zombies, sticking out of the screen into space.”

—Arch Oboler, 1952



T.W. Ingersoll, Holy Land Series Litho Card, 1904

Kaufman—Continued from page 5
American Society of Cinematographers (ASC), Ray uncovered some stereo slides in the Academy collection taken behind the scenes at the filming of *BWANA DEVIL* (1953).

Ray presented these slides as part of a well-received April meeting of the ASC. He added some additional slides taken on other 3D films of the 1950's. Including copies of View-Master reels that had been made available to be shown in the theater lobbies that were playing the 3D back in 1953 and 1954, as preview attraction reels. Marvin Jones brought some stereo slides that had been converted by club member Chris Perry from stereo cards. These were taken in the 1920's from the sets of a couple of Cecil B. DeMille films, with Gloria Swanson and Mr. DeMille himself. The slate of officers for the next club year was accepted.

Power Rangers in 3D (not)

I am almost embarrassed to pass this along. McDonald's (our kinda place, hap-hap-happy place) is selling a Pulfrich video.\$4.99 plus tax will get you a copy of "Power Rangers in 3-D". This 40 minute video has little or no 3D effect, as far as I can tell.

Storage unit for SCSC

Remember SCSC is looking for a storage unit to place in the church to store our equipment between meetings. If you have a storage unit that SCSC could purchase from you or that you would like to donate to the club, please inform one of the club officers at your earliest convenience.

See you at the meeting!

Competition News

High Rise or High Jinx

by Mike McKinney

You can fool some of the judges all of the time, and all of the judges some of the time, and you can fool me any time you like.

Our beloved past vice president, Chris Olson, put one over on a few of us in attendance Thursday night. During the presentation of the standard category competition slides we were treated to a beautiful photograph of the New York skyline. The buildings were beautifully lit with warm late afternoon sunlight. To get the remarkable dimension to the photograph, I surmised that the stereo base was well beyond standard and Chris had entered the slide in the wrong category.

I was ready to knock it out of the competition when Kathy Day, who is ever so brighter than I, noticed the title of the slide, "Le-go of My Empire State," and quickly identified it as a miniature from Legoland. Sure enough as Chris' other entries revealed (as he had planned) the cityscape was in fact, pint sized, and Chris had not erred. His impressive 24 point score stood and he shared top awards for the night with Kathy Day.

This was the last competition of the Club year. The results as usual are not available until the awards banquet in July. At that time we will find who are the most prolific, artistic, and creative photographers among you.

Here is another reminder for the Slide of the Year competition. Bring your entries to me at the June meeting or mail them to me before June 15. An eligible entry must be a slide that was entered in these last years' competitions. Aside from awarding the Slide of the Year, there will also be awards given in the special categories that are detailed in the entry form.

See you at the awards banquet for the crowning of SCSC's best.

- *Be there*
Mike

3D News

VOLUME XLV #1

JULY 2000

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Mitch's Sketchbook



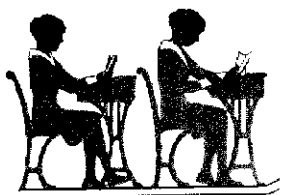
The Stereo Club of Southern California was founded in 1955 to promote the art, enjoyment and science of stereo photography. Meetings, which normally include 3D slide projections, are held monthly. Visitors are always welcome. Annual dues are \$30/single or \$40/dual (send to the Membership Director). The *3D News*, with a total circulation of about 250 copies, is sent monthly to all members. Annual subscription for those not wishing to participate in Club activities is \$20, and foreign subscriptions are \$25 (send to the Treasurer). Everyone is encouraged to submit stereo-related news items, articles, art work or photo tips for the *3D News*—deadline is the last day of the month (send to the Editor).

JULY						
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AUGUST						
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Calendar of Events

- July 20** The Awards and Installation Banquet, plus announcement of the Slide of the Year winner. At Taix Restaurant, 1911 Sunset Boulevard, in the Echo Park area of Los Angeles.
- August 5** Movie Division meeting 7:00 pm at Longley Way School, 2601 Longley Way in Arcadia.
- August 17** A Stereo Expo, a Stereocard competition and a London Slide Battle, all in one event-filled evening. 7:30 at the Wilshire United Methodist Church, 711 South Plymouth Boulevard, near Crenshaw and Wilshire in the downtown area of Los Angeles.
- September 21** First Club competition of the new Club year, plus additional program.
- October 19** Our annual Club auction. Clean out the closets and stock up your wallet!
- November 16** Second Club competition and additional program.



News and Notes from the SCSC Clubhouse

by Lawrence Kaufman



July Awards Banquet

July 20th—Awards and Installation Banquet / Slide of the Year. Again this July, SCSC will hold their Awards and Installation banquet at Taix (Pronounced Tex) French Restaurant in Echo Park. You can purchase your tickets in advance (you're running out of time!) from Mitchell Walker. They have been on sale for \$20.00 per person. The tickets will be \$25.00 at the door, but try to notify Mitch that you will be attending.

Taix is located at 1911 W. Sunset blvd., Echo Park (213) 484-1265. I hope everyone can attend. The evening is always a lot of fun. We will swear at and in the new officers. Plus we will enjoy the SCSC Slide of the Year program project in all their 3D glory.

Future Meetings

3D Movie Division

August 5th—Movie Division

meeting. The 3D Movie/Video Division is still working on an outing for the entire club (see below). The intimate group usually enjoys 3D videos and discussion of new 3D/stereo products the first Saturday in February, May, August and November. Discussion will continue on SCSC putting together a show for public access television. The 30-minute show would include numerous 2 - 3 minute segments discussing 3D and stereo photography. We need producers for these segments. The 3D movie/video meetings usually commence sharply at 7:00 PM at the Longley Way School, 2601 Longley Way at Las Tunas, Arcadia, CA 91007. Website: <http://www.ausd.k12.ca.us/lw>.

Stereo Expo/Stereocard Competition/London Slide Battle

August 17th—It does sound like

a full evening and it will be! Just as we did last year, EVERYONE is encouraged to bring something to show off and/or share with the rest of the members. This will be a fun meeting. We will also host our only club stereo card competition of the year. So bring your best three stereo cards to compete with the rest of the stereo card people in the club. We'll round out the evening with our annual London Slide Battle.

As a refresher, our London slide battle allows us all to "Be a Judge". The rules go like this:

- Each member gets a score sheet.
- Members enter 3 slides and receive an entry number.
- Every member judges every slide.
- On the score sheet you judge each slide on a scale of 5 to 9, as we normally do.
- After all slides are projected, add the 3 scores together for each

KAUFMAN—Cont. on page 4

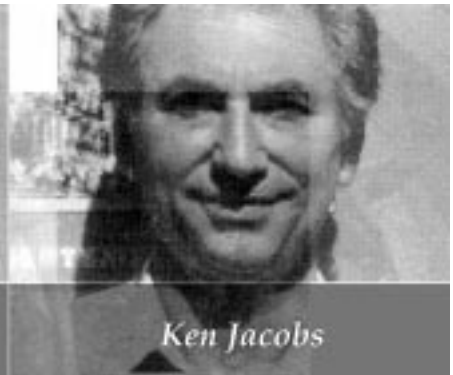
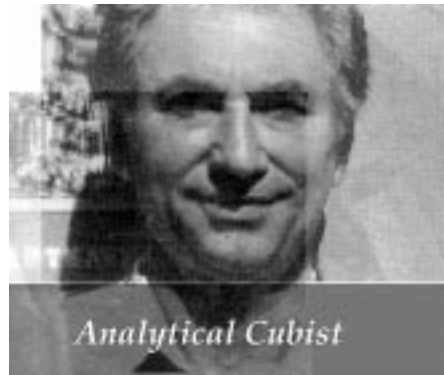
The History Zone

A stroll through the history of stereography with Ray "3D" Zone

Slow Beauty: The Spatial Poetry of Ken Jacobs

The nature of vision and perception have long been fundamental investigations of experimental cinema. These are the very cornerstones of the work of Ken Jacobs who, since the 1960s, has been active in the East Coast world of avant-garde film. Beginning with the hallucinatory visual rant "Blonde Cobra," a baffling cinematic portrait of underground filmmaker Jack Smith, shot between 1958 and 1963, Jacobs has expressed his fascination with the ecstatic and subliminal nature of the film experience. With "Tom, Tom, the Piper's Son" (1969-1971) he optically printed and repurposed footage originally shot by Billy Bitzer, D.W. Griffith's cameraman, in 1905 to scrutinize the perceptual vocabulary of primitive cinema.

With his recycling of Lumière brothers footage shot out the window of a train as a continuously moving "tracking" shot in the piece titled "Opening the 19th Century: 1896," Jacobs provides the viewing audience with a neutral density filter on a chopstick to place over one eye while watching to experience the "deep space" of Pulfrich 3D. Midway through the film, the train reverses direction and the audience is told to switch the filter over to the other eye to continue the



experience of motive depth. The audience thus become performers in the interactive experience of cinematic space.

As a part of Jacobs's recent West Coast tour, he exhibited the Lumière piece at the Bijou Theatre and Film Forum in Hollywood along with a very hallucinatory visual performance of what he calls his "Nervous System" which uses a rotating shutter wheel and two still projectors to create an extended perceptual inquiry into the relationship between time and motion. And it is a performance, as Jacobs manipulates the alternating film frames into a swirling visual mantra.

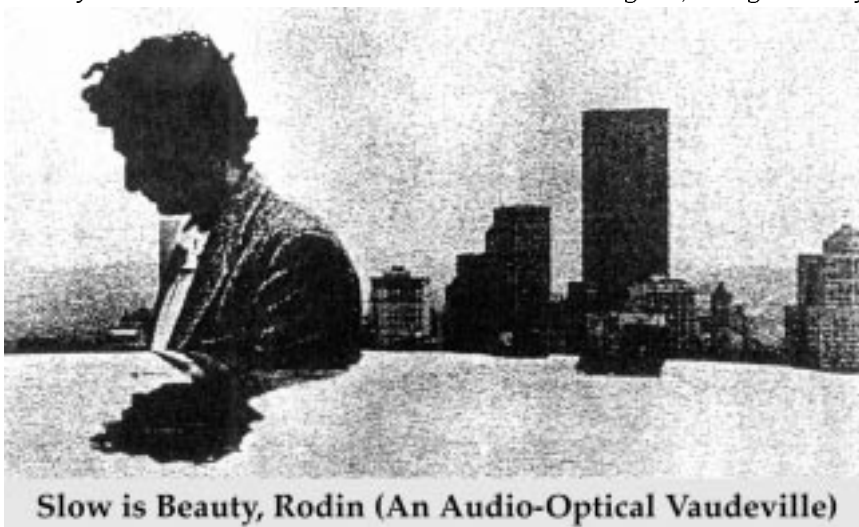
Jacobs brief artist-in-residency tour of Los Angeles, was generically

titled "Sentimental About Analytical Cubism: Ken Jacobs in L.A." The grand finale of this tour took place at the Modular Theatre at Cal Arts with a 3D work titled "Slow is Beauty, Rodin (An Audio-Optical Vaudeville)," a shadow play. There have been numerous anaglyphic shadow plays, using red and blue back lights projected on a scrim, but this extended piece used polarizing projection and the audience was given a pair of polarizing glasses to view the play.

The back lit material appeared to be a silverized fabric that was translucent and with a series of 18 vignettes Jacobs created an array of perceptual experiences that were surprising, poetic and sometimes quite humorous. And the 3D effect was striking. "Entrance to Shadowland," the opening number, used the motif of a doorframe to create a sophisticated visual interplay between a virtual and a concrete reality as the backlit 3D shadow of a woman interplayed in an impossible visual space with the real silhouette of a woman in a doorframe in front of the scrim. The piece beautifully invoked the poetics of visual space in a concise manner.

"Suburban Meeting" was a brief encounter between the shadows of a man and a woman on bicycles

ZONE—Cont on page 8



KAUFMAN—Cont. from page 2

entry and enter the score in the total column.

- In the total column, circle the top 5 scores on your sheet and also circle your own score.
- The scorekeeper now sequentially calls out each entry number.
- SCSC members raise their hand each time one of their circled entries is called.
- The highest scoring entrants are awarded ribbons.

The August meeting is at the usual location, the Wilshire United Methodist Church, 711 South Plymouth Blvd., just off Wilshire near Crenshaw, west of downtown Los Angeles.

Future Meetings Continued

- September 4-9—PSA 2000 International Conference of Photography in Albuquerque, NM
- September 21st—1st 2000/2001 SCSC Club Competition / Plus program
- October 19th—2000 SCSC Club Auction
- November 4th—Movie Division meeting
- November 16th—2nd 2000/2001 SCSC Club Competition / plus program
- December 14th (second Thursday)—SCSC Holiday Banquet / slide program

C3D TV Field Trip

C3D Television is the 24-hour 3D-satellite television channel. They have been operating for over a year from the Marina Del Rey and Venice areas. They are getting ready to branch out into other 3D projects, including publishing and motion pictures, among other things. We plan to visit their new offices (after they move). At press time, it is still uncertain when they will make the move to their larger offices and when we will be visiting their facilities. We are tentatively planning a weekday evening visit to be able to catch one of their shows in production.

If you are interested in going on this outing, please contact Lawrence Kaufman (contact info is on the cover). We will very likely have

more information at the club meeting.

Our Previous Meeting

On June 15th we held our 5th View-Master Competition. This was a full night, with over 20 entries, all of which were very well done. We had one great stereo sequence after another great stereo sequence. After a short delay, due to the local graduation taking most of our parking spaces and a few announcements, we got right into the judging of the VM entries from around the world. Our club hosts the only competition exclusively for View-Master photographers. The entrants are allowed to enter up to four reels. The idea being to put a compelling sequence of VM images together on one VM reel. Thus the stories in these sequences must be told in seven images. The entrants also supply narration to be read when the images are projected to help tell their story.

A BIG thank you to chairperson Christopher Olson and to the selectors Norm Henkels *****, APSA, San Diego, CA; Gary Schacker, San Diego, CA and David Kuntz, Rancho Palos Verdes, CA. And the reels that the selected were:

- Best of show—"Five Women in Depth" by Takanori Chiba, Tokyo, Japan
- Gold—"Seven Colors" by Joe Hohman, Media, Pennsylvania USA
- Photo-Travel—"Historic Lewes, Delaware" by Joe Hohman, Media, PA USA
- Silver—"Vietnam Memorial" by Richard Twitchell, Rochester, NY USA
- Best Theme—"Sculpture Garden, Indio, CA" Mitchell Walker, Pacific Palisades, CA USA
- SCSC award—"Chicago's Cow" by Mitchell Walker, Pacific Palisades, CA USA
- Bronze—"Full Steam Ahead" by Joe Hohman, Media, Pennsylvania USA
- HM—"Design Statements" by Joe Hohman, Media, Pennsylvania USA
- Accepted—"Our Trip to France" by Eddie Bowers, Irving, Texas

USA

- Accepted—"A Trip to San Miguel Island" by Rainer Lorch, Huntington Beach, CA USA
- There were no "Scenic" accepted reels. Accepted reels were scores of 23 or higher.

Other View-Master News

Long-time View-Master scenic photographer, Charley Van Pelt started as a salesman for GAF. Charley handled the Western Scenic Accounts and started taking additional shots with a Stereo Realist camera. If it Hadn't been for Charley, the scenic VM reels probably would not be around today. Charley's passion for stereo photography, I believe has been his driving force. The Lewis and Clark Trail is a subject of great personal interest to Charley. He is constantly looking for ways to market the many stereo images that he continues to produce, not for a profit, but to showcase this incredible exhibition in a way that might be able to capture it. If you have an idea for a commercial application to this venture, Charley would love to discuss it with you.

Charley periodically will share with the club any new VM products. Some of the latest news: Completely re-styled scenic packaging is now available from Charley Van Pelt and Findley-Holiday. There are approximately 20 titles that have been re-issued in updated packaging and with additional new photography, with a few new titles on the way. The scenic division is continuing under Charley's direction. Charley has over 80 scenic titles currently listed. Titles such as "Portland — City of Roses" and the "Oregon Coast Aquarium" are just a few of the selections you can choose from when ordering from Charley. Classic children's titles can also be ordered. To request an order form and price list, send a SASE to: Charley Van Pelt, 1424 E. Mountain, Glendale, CA 91207. You can call or fax him at: (818) 243-5636

Another major change has occurred in the packaging for the Discovery reels. Fisher-Price has

changed these titles to look more like traditional View-Master blister packs. The Discovery reels will feature the familiar colored sticker in the center but the handy storage cases are now gone. You can currently find both packages on the J hooks at your local Toys R Us stores. The Discovery reels are still priced a little more than the other reels. With this change, the price should come down.

SCSC View-Master Reel

It is finally here and selling fast! The first SCSC VM reel spotlights George Lewis, Keystone's last stereographer, the last of his kind! Have you purchased your copy of the first of several SCSC collectable View-Master reels? The reel will be available for sale at all the upcoming SCSC meetings. But, supply IS limited! These are a limited edition, numbered collector reel. Through some generous assistance from long-time VM photographer, SCSC member and incoming SCSC vice president Charley Van Pelt and the use of seven great shots provided by the UCR/California Museum of Photography, SCSC now has its first 'collectable' reel for sale. The reel is only \$5.00 at the meeting. Several SCSC members will be selling the reel through their normal for sale outlets. You can purchase from Berezin Stereo Photography Products at (949) 581-8378, email 3d@berezin.com and Reel 3-D Enterprises, Inc (310) 837-2368, email reel3d@aol.com their regular postal rates will be apply. Future reels are now in production. Including fabulous 3D shots from Ray '3-D' Zone on Ron Labbe.

SCSC CD-ROM

Steve Berezin is still planning a club CD-ROM, with the proceeds going to the club. We need images from members and perhaps a short biography. Why not let Steve scan your slide of the year slides when they are returned. The CD-ROM will include other club images and past copies of the 3D News. Check with Steve for any updates.



Storage unit for SCSC

Remember SCSC is looking for a storage unit to place in the church to store our equipment between meetings. If you have a two door lockable storage closet or other storage unit that SCSC could purchase from you or that you would like to donate to the club, please inform one of the club officers at your earliest convenience.

David Hutchison

Susan Pinsky and David Starkman had a fitting tribute to David Hutchison in the June 3D News. David Hutchison (53), a long-time 3D News subscriber and friend of SCSC, passed away at Roosevelt Hospital in New York City early on the morning of May 3rd (at 1:00 AM) after a six-month battle with pancreatic cancer, which he conducted with amazing bravery and good humor. Hutch as he was known to many was cremated on May 4th. There will be a memorial service in New York later this year.

The April 14th New York Stereoscopic Society meeting included a special tribute to Hutch in recognition of his contributions to their Society. Many of his friends

were able to attend, and he was pleased to be surrounded by 3D enthusiasm. He very much appreciated the gold-plated polarizing glasses that he was presented with as the Founder's Trophy. David was a source of expert advice, unlimited connections and years of experience in all things 3D.

His book Fantastic 3D is a must read for any student of 3D. He was a friend and mentor to many budding stereo photographers. He serviced on the board of the National Stereoscopic Association. He participated in the Stereoscopic Society of America folios, and his awards from photography clubs around the world had made a place for him in the world of 3D. In addition to his 3D involvement, he had two other successful careers as an editor of Starlog magazine and as a member of the company of the Metropolitan Opera.

A couple of years ago, when I contacted him about the availability of a Starlog back issue that featured FREDDY'S DEAD: THE FINAL NIGHTMARE (1991). Not only did he send me a back issue from his office, he also sent me copies of the 3D slides the film company had supplied the magazine. But, most important, he was a thoughtful, decent and caring person who will be sorely missed.

Robert M. Hefley, 400 West 43rd Street, Apt. 8-A, New York, NY 10036 is the Executor of his estate, as well as his friend for the 36 years. Robert is in frequent contact with his sister and father, and would be happy to pass on any messages you may wish to send or, with their permission, give you their addresses so you may communicate with them directly. Hutch went to his editor's job on Monday, Robert took him to the hospital on Tuesday, and he died at 1:00 AM almost immediately after telling the nurse who asked him how he felt that, considering the circumstances, he felt fine. He was a remarkable man, and he will be missed.

SCSC Logo Slide

David Kuntz will again make

the SCSC Logo focus slide available in the very near future. Watch these pages for more information on price and availability. It has been some time since David made copies of this great slide available to our members. All the proceeds go to SCSC. Let David know if you are interested in purchasing one or more copies of our fabulous club logo slide.

Photographic Truths

In the March 3D News, Lee Pratt passed along some 'Photographic truths' from an old camera club newsletter. SCSC board member Kathy Day recognized them as famed photographer, writer, teacher Ted Orland's own 'Compendium of Photographic Truths': Being a sampler of morals, axioms and precepts to which every photographer should expose himself. Here are some that were missing from the March list. I wonder why these were left off the last list? Can you think of any others?

- Dense negatives sink.
- Shutterbugs result from cross-breeding silverfish and flashbulbs.
- Photographers fade faster than photographs.
- Some famous photographic couples: Polly Constant and H.C. Won Ton, the Micro Doll and the Metro Gnome, Lynn Hoff and his Dear Dorff.
- A good photograph cannot be made in Fresno.
- You will never, ever receive a N.E.A. grant.
- The most difficult problem encountered in designing the Polaroid SX-70 camera was not to get it to regurgitate a picture instantly, but to get it to make the appropriate sound -Bleaaagh! - when doing so.
- Popular Photography is to photography as The Sound of Music is to music.
- All B&W pictures eventually fade into full color.
- Distant objects cannot be recorded with short exposures—light travels only 186

miles in 1/1000th second.

- Followers of Minor White are known as minor Whites.
- Mountboard becomes stiffer by plying with itself.
- When man creates a sharper lens, nature will create a fuzzier subject.
- Safelights aren't. Available light won't be. On the other hand, gadget bags are.
- When the price of silver hits \$76 an ounce, all photographers will be melted down for their silver content.
- A butter knife is a useful tool for making minor adjustments that a camera store would charge \$10 to make.
- Short exposures may cause reciprocity success.
- Sharper lenses won't help - realism is unrelated to reality.
- Expose for the secrets, develop for the pictures.
- And remember: silver salts are sensitive to thought.

Upcoming PSA Exhibitions

This list is featured each month in the PSA Journal. If you are not a PSA member, you should really think about joining. PSA approved means that those acceptances earned in these exhibitions count towards PSA Star ratings and the PSA Stereo Who's Who list (for PSA members). However, neither PSA, ISU, nor NSA membership is required to participate in these exhibitions. They are open to all photographers world-wide. Closing dates and contacts for upcoming PSA Stereo Exhibitions:

- PSA Traveling Stereo Exhibition. Format: stereo slides. Closing date: July 18, 2000. Mary E. Bury, APSA, 6525 Sunrise Blvd., #52, Citrus Heights, CA 95610-5148 USA. N. Amer.-\$5, Others-\$6.
- 2000 PSA International Exhibition. Formats: Slides and Cards. Closing date: July 29, 2000. Wade Clutton, FPSA, 4466 W Pine, Apt 21C, St. Louis, MO 63108 USA. or Email: WClutton@swbell.net. Slides, N. Amer.-\$6, Others-\$7, Cards, N. Amer.-\$6, Others-\$7.

- Third Dimension. Formats: slides or prints. Closing date: August 5, 2000. C. Neville Jackson, APAGB, 32 Orkney Close, Hinckley, Leicestershire, LE10 0TA, U.K.; or Ron Fredrickson, P.O. Box 1901, Fair Oaks, CA 95628 USA. Color transparencies, color prints, or any format, North Amer. \$U.S.8, Others \$8. (L4.00U.K.)
- Detroit, Format: slides. Closing date: Sept. 18, 2000. Joanne Snavley, 31561 Merriwood Park Dr, Livonia, MI 48152 USA or Email: snavleyjm@webtv.net. Slides, N. Amer.-\$5, Others-\$6.
- DGS Hamburg. Format: slides. Closing date: Sept. 23, 2000. Angelika Schnehagen, Ilkstraat 36, D-22399 Hamburg, Germany or Email: Schnehagen.3D@t-online.de or <http://www.DGS-hamburg.de/exhibition2000.html> N.Amer.-\$10.00, Others-DM15.00.
- International Stereoscopic Union (ISU). Format: cards. Closing date: October 7, 2000. Klaus Kemper, Kommerscheidterstr. 146, D-52385 Nideggen, Germany. Email: klaus.kemper@isu-germany.de or Bill C. Walton, 3739 Meadowlark Dr., Columbus, GA 31906 USA, Email: bill3d@leo.info.net. N. Amer. \$8, Others \$US8, or Germany DM 15.
- International Stereoscopic Union (ISU) - new stereo slide exhibition. Format: slides. Closing date: October 7, 2000. Klaus Kemper, Kommerscheidterstr. 146, D-52385 Nideggen, Germany. Email: klaus.kemper@isu-germany.de or Bill C. Walton, 3739 Meadowlark Dr., Columbus, GA 31906 USA, Email: bill3d@leo.info.net. N. Amer. \$8, Others \$US8, or Germany DM 15.
- ***The Potomac Stereo Slide Exhibition. Closing date: October 7, 2000. Contact: Andrea Shetley, email: asblair@hotmail.

- US entries - \$7. Canada and all other - \$9.
- ***The Chesapeake Stereo Card Exhibition. Closing date: October 7, 2000. Contact: Andrea Shetley, email: asblair@hotmail. US entries - \$7. Canada and all other - \$9.
- Cascade. Format: Stereo slides, stereo cards and the first ever PSA recognized Internet Stereo Exhibition. Closing date: October 14, 2000. Shab Levy, 6320 SW 34th Ave., Portland, OR 97201. Email: shab@easystreet.com Entry forms for the Electronic/Digital Internet Stereo Exhibition section will be downloadable (PDF) from the Files section of 3DSalon at <http://www.egroups.com/files/3DSalon> In order to comply with PSA Rules, an entrant may enter only up to two of the 3 sections above in any combination of choice. N.Amer.-\$7, Others - \$7.
- The PSA Nonstar Stereo Exhibition. Closing date: October 18, 2000. Open to stereo photographers who have not qualified for a star rating. A great exhibition for beginners, now is a great time to get started entering exhibitions! Acceptances do not go towards a star rating. Format: Stereo Slides. Contact: Jim Roy, email: jimroy3d@erols.com Cost unknown.
- ***3rd Hollywood Stereo Card Exhibition. Format: Stereo Cards. Closing date: Jan 18, 2001. Cards - David Thompson, 400 Jasmine, Brea, CA 92821. SCSC website: <http://home.earthlink.net/~campfireCards>- Email: DLT4WD3D@aol.com
- ***43rd Hollywood Stereo Slide Exhibition. Format: Stereo Slides. Closing date: Jan 18, 2001. Mitchell Walker, PO Box 8834, Universal City, CA 91608-8834. SCSC website: <http://home.earthlink.net/~campfireSlides>-Email: mitchbear@earthlink.com
- Delaware. Formats: Cards, anaglyphs, over and under pairs or lenticular prints. Closing date:

Jan. 22, 2001. L. T. Maniscalco, 1304 Oberlin Rd., Wilmington, DE 19803-5110 USA. Email: Ltmphoto@juno.com N.Amer.-\$7 (reduced fee available), Others-\$7.

- ***1st Cleveland Stereo Exhibition. Format: Stereo slides. Closing date: To be Announced, Jim Motley, Chairman email: jmotley3d@ameritech.net

*** not yet listed in the PSA Journal.

Discovery Store 3D Camera

The Discovery store (and some Nature Company stores) had their Discovery 3D camera on sale in April. They are back to regular price now (if you can find them). They are no longer available on their website, it looks as though they were only a one time buy. The Discovery 3D camera is the latest incarnation of the Loreo camera. The Loreo is a camera that takes a left and right image on 35mm film and puts it on the same print to be viewed in their handy viewer. The camera was renamed Argus and recently the same camera with a Discovery Store logo has been available at the Discovery stores, the Nature Company stores and the Discovery store web site. The web site price was not reduced, but the camera had been on sale in the stores at 30% off the \$45 price.

Large Format 3D Films

I once again attended the Large Format Cinema Association's conference. Now that Fantasia has finished its four-month run in LF theaters, I look for more 3D films to return. Many new ones are due out this fall and the ones playing currently, should not be missed. Look for coverage in future issues of the 3D News. Many are returning to local theaters. One film that did not play very long is ALIEN ADVENTURE. It very likely will return to one of the Imax 3D theaters, here are a few more facts about the all-animated large format 3D film.

The film was made using two different softwares to animate the aliens, Lightwave and Maya. All the

sets and environments were created in either Maya or Explore. The different layers were composited using the composer from Wavefront. A team of twelve CGI animators and two technical mangers created ALIEN over a ten month period. The total rendering time needed to create the 103,680 frames of high resolution images exceeded 180,000 hours.

Two MSM cameras mounted on Cine III film recorders were used to create three sets of stereoscopic negatives. Two left/right eye original negatives were recorded in 15 perf, 70mm (15/70) film format and one left/right eye original was recorded in 8 perf, 70mm (8/70). At two minutes of recording time per frame, the entire process took 622,080 minutes, the equivalent of 432 days of film recording.

I for one am happy that Ben Stassen has figured out a way to turn ridefilms into 3D LF film releases, this is both economical and has created several film releases for nWave. I look forward to their future efforts!

More on GALAPAGOS

GALAPAGOS first opened at the Smithsonian IMAX theater as its Signature film. Actor, director, writer, producer, frequent film/TV narrator Kenneth Branagh with some help from Dr. Carole Baldwin, narrates the LF film.

Dr. Baldwin was born in South Carolina and developed an early love for the ocean while living near the seashore and exploring along the beaches and amongst tidal pools. She has published over two dozen articles concerning her specialties, and is a member of many scientific societies, as well as being on the editorial board of Copeia-the journal of the American Society of Ichthyologists and Herpetologists.

Dr. Baldwin is also on the Steering Committee of the Caribbean Coral Reefs Ecosystems Program of the National Museum of Natural History. In 1997, she developed a N.M.N.H. Senate of Scientists' Spotlight on Research Series presentation, "Bizarre

Beginnings Beneath the Sea: A Little Fish Story."

In person, her southern accent is more noticeable. Her screen presence is appealing, as a youthful and professional scientist, she takes us through her adventure. She should prove to be a great role model for young people who see the film.

An experienced diver before her trip, Baldwin noted that the behavior of sea creatures around the islands is remarkably unpredictable. Because they've rarely been hunted, animals native to the Galápagos are unafraid of man. This can be unnerving underwater. Apparent in the film, when she's swarmed by a half-dozen spotted moray eels.

Normally moray eels are reclusive, lurking alone in reef crevices, except when they dart out and enjoy an occasional passing fish. Seeing Baldwin almost attacked by a bunch of morays is a little upsetting for us, but how do you think she felt? "Originally, I was supposed to just swim by and shine a light on the eels in the cave and move on". Seems the film crew "hid some smelly stuff in the sand so the eels would come out further into camera range. But nobody can explain why they ignored that stuff and came at me. I accused the crew of sabotaging my gear with fish scent or something, but they insist they didn't. So it remains a mystery. But it made for a hairy few moments."

Giddings attributes Baldwin's patience, diligence and fortitude



A couple of local residents take it easy under the scrutiny of the IMAX camera in this stereo pair from the 3D IMAX film, Gallapagos.

during the many months of production that enabled them to be able to put together the film that they did. One day she was sitting on the ship reading a paper about the oceanography of the islands. She read this statement: "No place on earth is quite like any other place, but the Galápagos islands are less like all other places." She commented, "As a scientist, I think what struck me first about that statement, is that it isn't very scientific. After all, who has been to all other places? But, the longer I stayed in Galápagos and the more I learned about the islands and the more captivated I became with the unique wildlife and the wonderfully tame animals, the more I liked this thought. I haven't been to all other places either, but the Galápagos islands are certainly unlike any place that I have been. I wish everyone could go there. But of course, most people won't and so I think that bringing the Galápagos to the world in this immersive 3D format is a great gift." I agree!

GALAPAGOS is Baldwin's first film. "All I really wanted to do was get into a submersible and explore the deep. And the next thing I know, I am the leading role in a 3D Imax film." Dr. Baldwin warns, "Be careful what you wish for." LF 3D filmmaking is very cumbersome and expensive. Most of her scenes were shot on the first take. She says, "The Imax process is just so expensive ... that if I didn't get a scene right the first time it ended up on the cutting room floor." Andrew Gellis, senior vice-president of Imax, and co-executive producer of the film, did state that quite a lot of film did end up on the cutting room floor, this was due to focus problems. He said that filming wildlife, is so unpredictable, you are never sure what they will do or where they will move. I did seem to notice a scene or two that had what I thought was soft focus, at about \$2,000 for every three minutes of film exposed, perhaps that was the best footage they had to use.

See you at the meeting!

ZONE—Continued from page 3

circling in visual space among shrubs and the sounds of an idyllic afternoon. The use of space in this piece, as in all the pieces, was artfully and succinctly choreographed. "Log" was an extremely brief piece in which the shadow of a 4"x4" piece of wood was standing upright. A shadow hand reached into the visual space and caused the upright log to wobble back and forth at the audience as the shadows distended improbably into the audience space. Twice the hand disturbed the log. Then, with a gentle tip, the log fell slowly forward at the audience and crashed down with a resounding thud.

"La Mer" opened with the shadow of a man to the right and a woman to the left unraveling a translucent material. The material was stretched out and waved

gracefully in the air to float gently down as the man and woman disappeared completely from the stage and only the transparent material remained gently waving at and away from the audience. Debussy's symphony "La Mer" began to play as the translucent material rendered waves of dimensional light as if it were the sea.

After short audience-pleasing vignettes featuring a crawling baby and a curious puppy wandering in shadow space, Jacobs closed his series of spatial poems with a gradually evolving symphony of bubbles produced by the entire company both behind and in front of the 3D scrim. This finale climaxed with real balloons floating down onto the audience in darkness creating a very unique kind of tactile and sensory virtual reality.

3D News

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Mitch's Sketchbook



The Stereo Club of Southern California was founded in 1955 to promote the art, enjoyment and science of stereo photography. Meetings, which normally include 3D slide projections, are held monthly. Visitors are always welcome. Annual dues are \$30/single or \$40/dual (send to the Membership Director). The *3D News*, with a total circulation of about 250 copies, is sent monthly to all members. Annual subscription for those not wishing to participate in Club activities is \$20, and foreign subscriptions are \$25 (send to the Treasurer). Everyone is encouraged to submit stereo-related news items, articles, art work or photo tips for the *3D News*—deadline is the last day of the month (send to the Editor).

August						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

September						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Calendar of Events

- August 5** Movie Division meeting 7:00 pm at Longley Way School, 2601 Longley Way in Arcadia.
- August 17** A Stereo Expo, a Stereocard competition and a London Slide Battle, all in one event-filled evening. 7:30 at the Wilshire United Methodist Church, 711 South Plymouth Boulevard, near Crenshaw and Wilshire in the downtown area of Los Angeles.
- Sept 21** First Club competition of the new Club year, plus additional program.
- October 19** Our annual Club auction. Clean out the closets and stock up your wallet!
- Nov 16** Second Club competition and additional program.

President's Page

Settling In as the New Kid on the Block

by Steve Berezin

Just a note to introduce myself as the new president. When the SCSC board asked me to be president one of the first things I asked was whether I would be expected to contribute as much reading material to our newsletter as my esteemed predecessor Lawrence Kaufman does. Mercifully, Lawrence volunteered to continue his voluminous contributions to the tome and Mitch Walker his cartoons for the front cover. I will be content to offer a little filler on the top of page two as part of my official duties. Judging by the number of people at our awards banquet who asked (with concern in their eyes), whether Lawrence will be continuing his column, Mitch his cartoons, and Marvin Jones his editing I think we made the correct and popular decision.

The Awards Banquet

Our last meeting was the biannual shindig at the French eatery Taix, pronounced tax. For many of us it was the 2nd 3D banquet of the month, the other one being the NSA awards banquet held at the annual NSA meeting at Mesa Arizona. The NSA

banquet featured our distinguished member, Ray Zone, as the featured speaker where he especially honored Susan Pinsky. Our banquet started with Susan Pinsky making a speech especially honoring Ray Zone's satisfying symmetry.

After a delightful banquet with the niceties that we have been accustomed to thanks to Mitch Walker (door prizes, great programs) Oliver Dean gave his hat presentation (I have never seen it before and found it both amusing and a bit bewildering in a nice sort of way). A feature that I never before have heard of included the members pledging an oath to the officers. The officers this year include Charley Van Pelt, Vice President, David Kuntz, Treasurer, Jim Comstock, secretary and myself as president.

After the banquet we filed into the projection room and were treated to a tribute to David Hutchinson that was put together with great care by members Susan Pinsky and David Starkman. Hutchinson was instrumental in the success of Starlog, a magazine devoted to science fiction and took many excellent 3D

photographs. Especially stunning were his shots of Central Park in autumn.

We also were treated to the slide of the year slides. Our fellow club to the south, the San Diego Stereo Club, judged these. Presenting the awards was our able though departing competition director Mike McKinney (and taking over for Mike will be the able Chris Olson). The awards included:

SCSC Slide of the Year

Hold Onto Your Hat
by Kathy Day

The Wonderful World of Color

Pink Salt Pans
by Mike McKinney

Imagineering

Pinhead Lives
by Abe Perlstein

All Creatures Great and Small

Munckins (or Gray Persian Cat)
by Earl Colgan

Complete information on the awards will appear in next month's newsletter.

Berezin—Continued on page 8

The History Zone

A stroll through the history of stereography with Ray "3D" Zone

The Stereoscopic Family

"It is not what equipment you have that counts. It is getting to know what you have and how to use it. That is what really matters."--Dr. W.R. Grove, President of the Stereoscopic Society, 1925-1949

The Stereoscopic Society of America (SSA) is a group of currently active stereo photographers and artists who circulate their work by means of postal folios. This long-distance stereoscopic family is derived from one of the oldest 3-D groups in the world. Both stereocard and transparency formats are used in the folios and several different groups are operating to meet the needs of each format.

When a folio arrives, a member views and makes comments on each of the entries of the other folio members. His or her own view, which has traveled the circuit and has been examined and commented upon by the other members, is removed and replaced with a new entry. The folio then continues on its endless travels around the circuit.

In the folios "the one constant factor," writes Bill Patterson, General Secretary of the SSA, "is a love of the

3D image...whatever the form or the method of obtaining it. We can expect that to continue...and who knows what visage it may take? The possibilities of the application of digital methods to stereo imaging seem boundless..." Over the years, the methods and means of creation for stereographic images has changed and undoubtedly will continue to do so.

The viewing methods, however, remain quite the same despite the passage of a century. And there is a special form of (stereo) optical delight in looking at the venerable 3½" x 7" stereocard through the Holmes stereoscope. This was the stereo window on the world for several generations in the late 19th and early 20th century. And thanks to the SSA, this stereographic format is very much alive and well today.

The origins of The Stereoscopic Society trace back to 1893 in England where a small group of stereo photographers began to circulate their work among the membership by means of postal folios. The Stereoscopic Society American Branch (SSAB) was formed during the first months of 1919 with the help



of Walter S. Cotton of Los Angeles, California and W. Marley of New York. Initially the society had about 10-15 members and this group was composed almost entirely of practising darkroom photographers who mounted their monochromatic prints on 3½ x 7 inch cards.

Cotton moved to Australia in the mid 1920s and in 1925 founded an Australian Branch of the Society which participated in international exchange of the folios. Generally speaking, the life of the SSA can be broken up into three eras. The first period from 1919 to 1951 saw members sharing and enjoying monochromatic viewcards. But the status quo was shaken up when former SSAB member Seton Rochwite invented the Stereo Realist camera and color transparencies became the dominant format in the second era lasting from 1951 to 1977.

After assuming the duties of General Secretary, Dr. Brandt Rowles represented the SSA in proposing affiliation with the National Stereoscopic Society (NSA) in 1977. By this time the membership of the SSA had dwindled to less than 20 members working only in stereo transparencies. The new relationship with the NSA created an influx of applications from potential members and the stereo print circuits were revived and open to both color and **ZONE—Continued on page 8**



Walter S. Cotton, who organized the Stereoscopic Society American Branch in 1919, sent this portrait in an early folio to introduce himself to the circuit. It dated a little earlier than 1919.

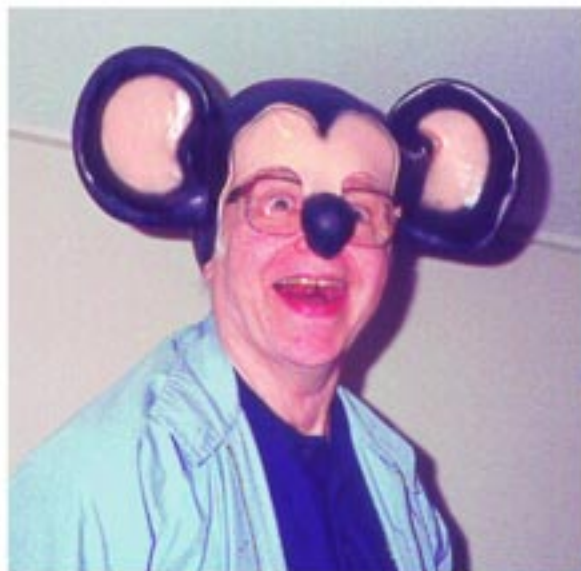
SCSC July Banquet Photo Highlights

JULY 20, 2000
TAIX RESTAURANT
ECHO PARK, CALIFORNIA

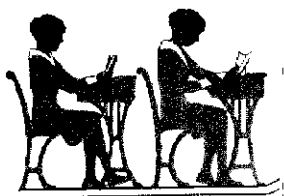


Hats A-POPPIN'!

Oliver Dean displays his dazzling array of costumes for use in installing new SCSC Board members each year in July!



BANQUET PHOTOS
BY
LAWRENCE KAUFMAN



News and Notes from the SCSC Clubhouse

by Lawrence Kaufman



August 17th Meeting

Just a quick reminder, *everyone* is encouraged to bring something to show off and/or share with the rest of the members. But also bring three stereo cards to enter into our only club stereo card competition of the year *and* bring three stereo slides (Realist Format only for this meeting) for our annual London Slide Battle. Bring slides that you have already entered or that you don't plan to enter in this years club competitions and let every member be the judge (see last month's issue for the basic rules). Originally the idea was to bring slides that the judges had not scored as high as you thought they should have been scored, this way you and all the members would get a chance to judge them.
10:00am.

NSA 2000 Convention

This year's NSA convention was held in Mesa, Arizona, close enough for us Angelenos (and Angeleno wannabes) to drive. SCSC had a good turnout at the convention, which was a very enjoyable time. There were many memorable moments. Actually way more memorable moments than one could possibly take in. Referred to as NSA Y2K, it seemed well planned and ran mostly without incident (there was this little fistfight that resulted in some cracked ribs and torn clothes). Thanks to Tom Dory, the NSA convention committee, and NSA for organizing and hosting the Mesa Y2K convention. My favorite part of the convention was seeing and talking with all the old friends, plus meeting some new ones. As always, I continue to hear names of individuals who were at the convention that I did not meet. That I guess, will have to wait until next year. If you have been to past NSA conventions, you can imagine how this one was. If you have not been, too bad since it was so close to us.

Stereo World magazine will likely have the whole report, plus

there have been numerous reports on the Photo 3-D email list, so I will only mention a few other highlights for me. With the convention falling in a holiday week, it was hard for us to get away. We arrived early Friday, so we did not take in any of the room hopping. Mary Ann and Wolfgang Sell began selling their new book about the history of View-Master. It was written with our own Charley Van Pelt. Hopefully Charley will bring some to the August meeting, especially since selling items is one of the reasons for the Stereo Expo. Many people had brought their copy of the SSA 1999 Yearbook to get signed by all the other SSA members. The Yearbook is now sold out, but there is talk of an update or even a color version. If you did not get a copy before, don't pass it up again, if it becomes available.

We did see all of the slide shows in the stereo theater on Friday and a couple on Saturday. We did however miss a couple new shows that were projected on Saturday. The quality was top notch. The View-Master Exhibition was shown and the images projected very nicely. Charley Van Pelt had his own VM show that was only shown at the VM meeting. Since most people likely missed it, hopefully he will show it to our club soon. The workshop subjects all looked very interesting, but we only made it to a few of those. The trade fair was very spacious, yet full of wonderful equipment, all types of stereo images, marvelous toys and everything 3D one could every lust after. It did however appear that the local folks hadn't got the word that the best trade fair all year was taking place.

Awards Banquet

The awards banquet was held on Saturday evening and was easily one of the convention highlights. Mary Ann Sell became the first female president of the NSA. Shab Levy (the

most active person in stereo photography today) took over as vice president. As usual there were numerous awards given out. Our own Ray Zone not only gave the keynote address (in which Ray thanked everyone for their contribution to stereo photography), but Ray also accepted the William C. Darrah Fellow Award for distinguished scholarship in and extraordinary knowledge of stereoscopy. I even received an honorable mention (and certificate-suitable for framing) for a Stereo World article on contemporary stereoscopy for my "3-D Galapagos" article (excepts of which have appeared in the 3D News).

There was even talk that Mark Blum, who has published several great 3D books will be coming out with a new book this fall titled "The Galápagos Islands in 3D" This will be a departure from his underwater and 3D macro-photography. I can hardly wait to see it. Ever since the release of the large format film, I have been fascinated with the Galápagos Islands.

President's Breakfast

Prior to retiring Saturday night, I checked a copy of the convention schedule that I had downloaded from the internet. It listed the President's Breakfast as starting at 9:00. We commented that it would be nice to sleep in for a change. When we were getting ready Sunday morning, we doubled checked the convention program to see that the Breakfast had in fact already begun. We rushed to the room and took the last two available seats. Luckily we made it to the breakfast before the official announcement that I would be the Co-chairman of the 2002 NSA Convention in Riverside, California. Next year the convention is being held in Buffalo, NY. I hope everyone can make plans for a New York trip next July. Once again, in 2002 the convention will be local and we are the host club! I hope everyone can

held out to make that convention one of the most memorable ones. Please let me know what ideas you have.

PSA Conference

If you missed the NSA convention, you can still take in the Photographic Society of America's conference. The PSA 2000 International Conference of Photography takes place September 4 - 9 in Albuquerque, NM. The stereo division along with all the other PSA divisions have shows, speakers, tours, meals and photo opportunities. The host hotel will be the Albuquerque Hilton (800)274-6835. Next year the conference will be in San Diego at the Town and Country Hotel and convention center.

A Few Thank You's

I really want to once again say thanks to everyone on the SCSC Board for making this the great club that it is:

- Mike McKinney, our departing competitions director, former outings director and past vice president. Competitions director is a tough job, since you miss the majority of the program that follows the competition, due to the fact that you are tabulating the scores. I am glad Mike will have a chance to sit back and enjoy some of the upcoming programs.
- James Comstock, continues in his role of bringing humor to the SCSC Board meetings in his long tradition of writing the most entertaining minutes of our bored meetings. James also is in charge of rounding up the clubs best slides for the International Stereo Club Competitions.
- David Kuntz, a past president, took on the extra duty of Membership director in addition to the very demanding role of Treasurer. David works very hard 'behind the scenes' and with his knowledge of SCSC history, helps keep the club going in the right direction.
- Mitchell Walker, another past president has kept us entertained in his new capacity of Banquets/Social director. Mitch had entertained us for several years as program director, sometimes

doing the lion's share of the work in that capacity. He continues in this new position and keeping his hand in running and overseeing our PSA competitions, such as past View-Master exhibitions and running the 42nd Hollywood Exhibition and again next January he will chair the slide portion of the 43rd Hollywood Exhibition. Not to mention his fabulous work he does on drawing the covers for the 3D News each month.

- Kathy Day, for years helped Mike McKinney with the club competitions (since 1996), Kathy had volunteered to assist him and last year became Co-competitions director, which really helps the competition nights move as smoothly as they do. Kathy continues in that job.
- Bruno Lizzi, has been very active in a 2D camera club, but he will be putting that aside to concentrate more time on his 3D photography. He continues doing a great job greeting everyone as they enter the meeting room and making sure everyone, especially the new folks feel at home. He will continue as Hospitality director, but he needs everyone's help. Something that I think we are doing better at, is welcoming the many guests that come to our meetings. I certainly want to see more guests come and hopefully have them join our club. So when you see a new face, be sure and greet them, welcome them, try to answer their questions and make them feel welcome!
- Christopher Olson, is another former SCSC president and he always makes the meetings fun. In addition to being Co-Program director last year, Chris also headed up the 5th View-Master Exhibition. Chris will become the new Co-competitions director, which should keep him more than busy enough.
- Ray Zone also is a former SCSC president. He almost single-handedly has made my passion for collecting all the 3D comics an impossible task (even though he has been very helpful in adding to my collection). Ray is a frequent and very

welcome contributor to the 3D News. Last year he became Co-programs director and will continue as Program director this year. I think he can add a lot to our programs, he has put together several himself and he can be found often out there with one his own at a library, spreading the word of 3D! If you have any ideas for programs, see Ray Zone, because we always need good programs.

- Dr. John Hart has for the last seventeen years been one of the driving forces behind our special interest group, the 3D Movie/Video division. Meeting quarterly, their meetings are very enjoyable and informative. The movie division meetings are much more casual than the regular club meetings and I would hate to miss one. Plus I would recommend them to all as a very enjoyable evening.
- Marvin Jones is probably the one individual that you have to thank for me being your president for the past two years. Marvin is doing an excellent job keeping the 3D News on schedule and making sure SCSC has a worldwide presence on the World Wide Web.
- David and Linda Thompson, for years David was our Competitions director. David and Linda have helped the club welcome back another form of stereo images, by running the 1st and 2nd Hollywood stereo card exhibitions and helping with the SCSC club stereo card competitions. Team Thompson will again run the 3rd Hollywood stereo card exhibition.
- Oliver Dean, who even though he is very active with the Pasadena Stereo Club, finds time to lead several workshops a year. Oliver will now also take on the additional duty of House director. I am sure he wouldn't mind a little help, so feel free to come early to visit and help set up. Or stay late and help clean up.
- Philip Steinman is relatively new to the club, but the 3D bug has bitten him and he has volunteered to join the SCSC board.

KAUFMAN—Continued on page 8

ZONE—Continued from page 3
black & white as well as both home and commercial processing.

Under the guidance of Bill Walton, who took over the duties of Secretary of the print folios in 1979, the stereocard circuits enjoyed great growth. Today Bill is very active in promoting the stereocard format for inclusion in many stereo competitions and international exhibitions. The Southern California Stereo Club recently began having an annual Stereocard competition and, as sponsor of the Hollywood Stereo Exhibition, has also included the stereo print as a format eligible for competition. More and more PSA sanctioned stereo exhibitions are including the stereoview card in their competitions.

At the present time the SSA has 147 active members who participate in 12 different folios that include stereocards, transparencies, medium

format and digital images. Membership Secretary Shab Levy recently compiled and designed a "1999 Yearbook" for the SSA which is a lovely showcase for the 3-D work of over 70 SSA members. The SSA recently held its 5th annual "International Stereocard Exhibition" and exhibited the accepted entries at three separate venues including the NSA Y2K Convention in Mesa, Arizona in July.

SSA membership is limited to members of the National Stereoscopic Association. Stereographers interested in joining this unique Stereoscopic family may apply for Society membership to the Membership Secretary, Shab Levy, 6320 SW 34th Ave., Portland, OR 97201 or email: shab@easystreet.com. Note: Special thanks to Bill Patterson for his history of the Stereoscopic Society of America included in the SSA "1999 Yearbook" and to Shab Levy for publishing it.



A Stereoscopic Family. The family of R. G. Parry of Queensland, Australia, shows the Society's international circuit what the "ideal" Society family in the mid 1930s should be like. His wife, six children, and one doll all do their parts for R. G.'s camera. One of many fine entries by Mr. Parry.

Berezin—Continued from page 2 **Goodbye Abe**

A heartfelt goodbye to Abe Perlstein who, after winning the non-conventional A-group award is moving up to northern California. We will miss his wit, many nude slides and aluminum foil covered car (not necessarily in that order).

Our Next Meeting

For those of you who have been complaining about the seemingly

randomness of judging at stereo competitions you now have your chance. The London Slide Battle! Bring three slides for judging and the entire club, not just an elite panel of judges, will judge them.

Last but certainly not least will be our second annual card competition organized by the Thompsons. Bring three stereo cards and partake in the traditional method of judging and sharing stereo views for over one and a half centuries!

KAUFMAN—Continued from page 7

- Steve Berezin is our new President after serving as our vice president. I am looking forward to watching his passion for 3D rub off on all the rest of us.
- Charles Piper, who up until his recent surgery has been adding to his Technical Pages with installments into the 3D News. We hope Charlie is back into the swing again soon with more technical tips. We can use a few tips.
- Thanks to everyone who took the time to say such nice things about the club under my presidency. It has been a fun two years for me. I was happy to serve and I look forward to the future and watching the club grow. I will continue on the board, as club librarian and anything else I can help out with.
- Thanks to everyone who took the extra time and effort to put together a show or program. Thanks to everyone who came out to enjoy the great stereo images. Thanks to all the SCSC board members for the great jobs that you do, I really appreciate it!

With the August SCSC meeting, a new club year will begin. We are at the end of what Marvin Jones called the 'Kaufman era' (had a nice ring, don't you think?). We have a great group of volunteers for officers this year. The officers need all the help they can get. They might ask you for help. Please, if you see the chance, help the club and don't wait to be asked. Volunteer, and the club will be better because of it! I, for one am looking forward to the Berezin era.

C3D TV Field Trip

Hopefully everyone who was interested got on the sign up sheet for our tour of C3D Television, which was scheduled for August 9th. C-3D is the only 24-hour 3D-satellite television channel. They have been operating for almost two years from the Marina Del Rey and Venice areas. They have moved to Mar Vista. We should have plenty to report about their other 3D projects, including publishing and motion pictures, among other things.

See you at the meeting!

3D News

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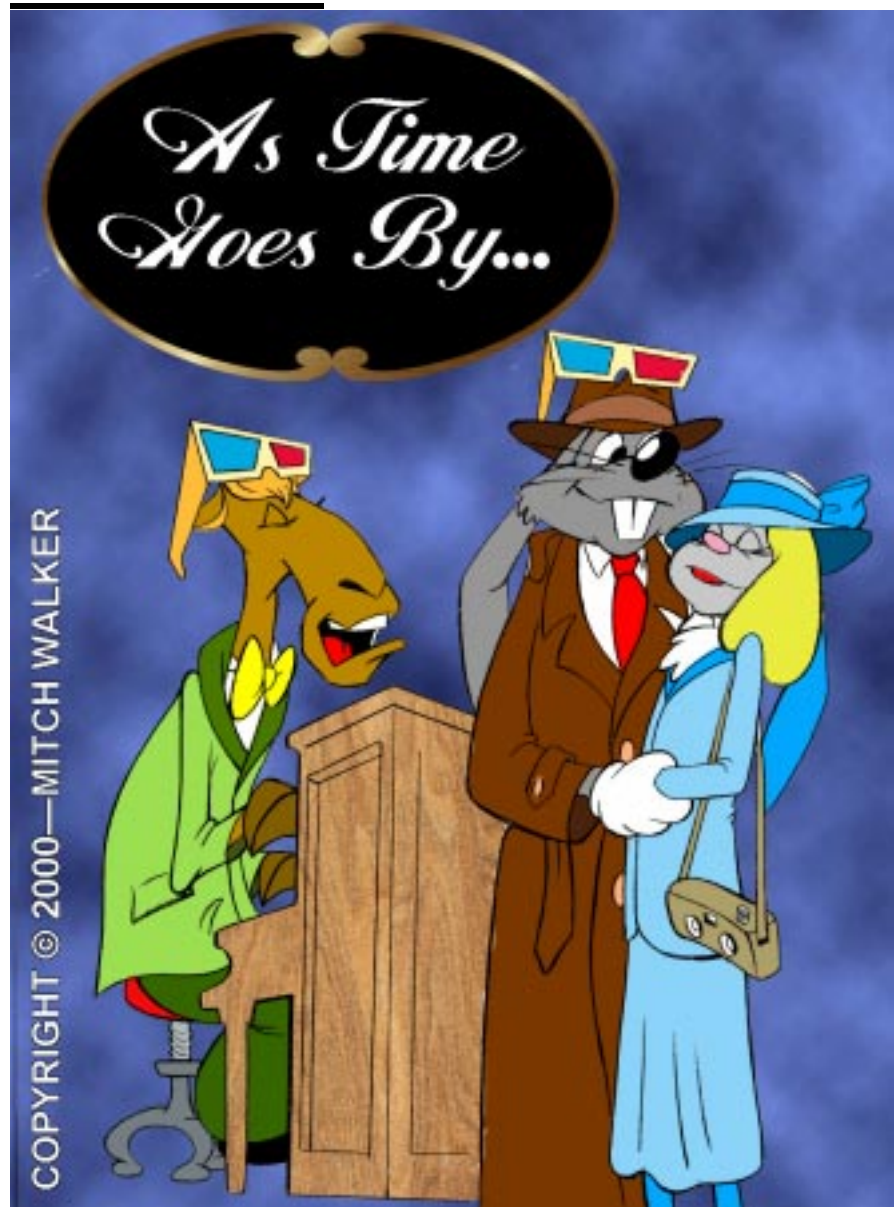
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Mitch's Sketchbook



The Stereo Club of Southern California was founded in 1955 to promote the art, enjoyment and science of stereo photography. Meetings, which normally include 3D slide projections, are held monthly. Visitors are always welcome. Annual dues are \$30/single or \$40/dual (send to the Membership Director). The *3D News*, with a total circulation of about 250 copies, is sent monthly to all members. Annual subscription for those not wishing to participate in Club activities is \$20, and foreign subscriptions are \$25 (send to the Treasurer). Everyone is encouraged to submit stereo-related news items, articles, art work or photo tips for the *3D News*—deadline is the last day of the month (send to the Editor).

September						
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3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

October						
S	M	T	W	T	F	S
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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Calendar of Events

- September 21** First Club competition of the new Club year, plus additional program.
- September 23** Oliver Dean's Mounting Workshop, from 2:00 PM to 6:00 PM (or later, if you want to stay for additional practice or questions). Residence of Oliver Dean, 19009 Laurel Park Road, Space Number 174, Dominguez Hills, CA 90220-6055. Either e-mail at 3d-image@concentric.net, or phone (310) 635-2400 (24 hours).
- October 19** Our annual Club auction. Clean out the closets and stock up your wallet! 7:30 at the Wilshire United Methodist Church, 711 South Plymouth Boulevard, near Crenshaw and Wilshire in the downtown area of Los Angeles.
- November 4** Movie Division meeting 7:00 pm at Longley Way School, 2601 Longley Way in Arcadia.
- Nov 16** Second Club competition and additional program.

Notes From the President

by Steve Berezin

Our last meeting had a variety of activities that included a stereo slide battle, the stereo expo and the stereo card judging.

Stereo Expo

The stereo expo included some well made sequential viewers brought by David Starkman and Susan Pinsky of Reel-3D. They also had a blow up of a Raumbild stereo pair that was converted to an anaglyph and blown up to poster size by Steve Aubrey. This was amazing since the original was a small stereocard and it was blown up to a large poster and maintained clarity. I was interested in the books where the views came from so I asked David Starkman to clarify:

"It is RAUMBILD (literally, it would translate as the words space and image, or spatial image). The German company that made them (Raumbild Verlag Otto Shoenstein) started in 1933 with a travelogue book on Venice, Italy. The basic format is A4 size (11.69 x 8.27 inches) with thick covers, and pockets in the front and back covers, which hold a folding viewer, and groups of 25 views. Most

of the books have 100 views. Some have 200. Later in the 1930s, the publisher was sucked into the Nazi propaganda machine and quite a few propagandistic 3-D books were published. In English the titles translate as: The Fight in the West, The Soldiers of the Fuhrer in the Field, Flight and Victory (on the Luftwaffe), The Kriegsmarine (on the German Navy), The Olympic Games 1936, Several volumes on 3rd Reich "Party Days", Hitler-Mussolini, German Districts, Vienna-the pearl of the Reich, The Hundred Towers of Prague, The Paris World's Fair 1937, and similar titles. Others were produced after the war, including ones as souvenir sets for American Soldiers, such as "Occupied Zones". The last book in the classic thick cover A4 format was the Helsinki Olympics in 1952.

Other smaller travel books were published, and after Shoenstein died his assistant took over under his own name Siegfried Brandmuller, and published more books, again mostly on scenic subjects, with the exception of the historical "Hitler's Reich". After Brandmuller died the negative collection was sold at auction, and

was bought by a German museum."

On the other side of the exhibit hall Phillip Steinman brought some sequential viewers that showed some of his 3d photography of the LA marathon. We had a guest artist, John Lucero who had created abstract paintings that appeared 3D with the use of Chromatek glasses. This effect allows for a 3D effect using the color spectrum. I had met John while visiting the Sawdust Festival that is a local art festival in Laguna Beach and introduced him to our members. Our Vice-President Charlie Van Pelt brought some of the books on Viewmaster that he authored with Wolfgang and Maryanne Sell. This large tome covers the history of the view-master reel.

Card Judging

While people were browsing the stereo expo in the corner of our meeting room one of the oldest traditions in stereo photography was taking place, stereo card judging. Supervised by David Thompson the judging went well into the night. The winners were:

BEREZIN—Continued on Page 11

The History Zone

A stroll through the history of stereography with Ray "3D" Zone

Journey of the 3D Film

From the inception of its use in the motion picture, 3D has been perceived as a novelty, an additive gimmick which has had no great importance to the story. The stereoscopic aspect of films has been 'tacked on' like so much icing, layered to superficial narratives without much emotional depth consisting primarily of a series of violent actions. In a very real sense, despite a considerable body of stereoscopic productions, the 3D film has yet to come of age as an artistic form of visual storytelling in which the dynamism and beauty of the stereoscopic image is wedded seamlessly to an appropriate narrative vehicle.

The number of 3D motion pictures that qualify as cinematic art is woefully small. Despite its promotional origination, one would have to place John Norling's 1939 "Motor Rhythm" within the domain of art if only for its innovative use of animation allied to the stereoscopic film. And Norman McLaren's 1951 "Around is Around" remains to this day a triumph of modernism. One would also have to cite the tasteful use of 3D by André de Toth in Warner Brother's 1953 "House of Wax" within the context of a commercial stereoscopic feature film.

Otherwise, the die hard aficionado of stereoscopic cinema has had to endure countless films that tout the fact that 3D actually works in the motion picture medium as if this was a recent discovery. These 3D films themselves consistently and without subtlety of any kind call attention to their stereoscopic aspects to the great detriment of their narratives, derivative as they are. In fact the stereoscopic film is well over a century old. And, even worse, the 3D film buff has for decades had to abide transgressions of technology and taste that effectively tar and feather stereoscopic cinema, keeping it perpetually relegated to a "ghetto" of

visual communication, a frivolous 'blip' on the cultural screen which infrequently appears and then goes away for long periods of time.

But there's hope. The Large Format 3D Film holds great promise for stereoscopic cinema. And a recent film in IMAX 3D and currently playing at Large Format cinemas in America and Canada demonstrates the beauty of the stereoscopic medium when it is allied to an emotionally expressive and aesthetic vehicle. "Cirque du Soleil Journey of Man" is a breakthrough for stereoscopic cinema. There are no "Look Ma! I'm in 3D" moments here to break the narrative spell as the human journey from birth to old age is visually recapitulated via a series of symbolic and acrobatic vignettes. The dynamic tension of the body is powerfully invoked in visual depth. The high resolution and very large stereoscopic images acutely convey the living presence of the actors.

Each stage of life in Journey of Man is introduced by a Cirque du Soleil act. The odyssey begins with the appearance of an embryonic child amid a tribal cave of Taiko drummers. Birth is represented by synchronized swimmers in a luminous underwater sequence, and that is followed by

childhood, a sequence in which the Flounes (two clowns representing the instincts), introduce the child to his emotions in the world of nature. The gradually aging child encounters yellow, bird-like creatures diving Bungee-style from the treetops in a forest and then proceeds to adolescence, where he is drawn to manhood

After discovering the power of love in a water garden with a graceful Statue Act, the young man is tempted with greed by the demon-like Stiltman. Then, as he gets older, he discovers the Banquine, who put on a rousing display of phenomenal acrobatic feats. The final stop on the journey is the Brandenburg Gate in Berlin, which signifies hope for the future of mankind.

Directed with great taste by Keith Melton, Journey of Man is a seamless marriage of color and sound, motion and depth. Here, at last, the promise of stereoscopic cinema is realized in a 40 minute film that immerses the viewer in a universal fable with a sequential array of sights and sounds that are visually dazzling and emotionally compelling. Journey of Man has planted a flag for stereoscopic cinema in the domain of art.



Seton Rochwite

The Father of the Stereo Realist Camera is Remembered
by Susan Pinsky, David Starkman and a Few of Their Friends



Seton Rochwite, the inventor of the Stereo Realist camera, passed away on July 18, 2000, having almost reached the age of 96. We found this out almost a month later, at the monthly meeting of the Stereo Club of Southern California. Part of the program for the evening was a “Stereo Fair” (a show-and-tell of sorts) and one of the items that we happened to bring with us was a “Stereo 50”—a 50 slide sequential viewer. Just because it was interesting we decided to bring one that we had filled with 50 slides of Seton that we, and others, had taken, since we first met him at the Denver PSA Annual Convention in 1978.

When we first met Seton we were in our first year of publishing “Reel 3D News”. Having already done a lot of research in 1950s magazines, we were amazed that the inventor of a camera introduced to the world in 1947 was still alive—and very active as an award winning stereo photographer. We were both in our late 20s, so 74 seemed “older” to us at the time. We had no way of knowing then that we would continue to know Seton, and to see him almost every year, and exchange Christmas

cards for another 22 years!

Seton enjoyed our young interest and enthusiasm in stereo, and, from the beginning was encouraging and always forthcoming to us with suggestions and information about 3D. Thanks to the encouragement of Seton and many other “old timers” we got quite involved with PSA and the PSA competitions, to the point where Seton was one of our sponsors to receive the honor of APSA—Associate of the Photographic Society of America. However, that’s another story.

The story of the Stereo Realist camera is unusual in many ways. The

main point being that it was not commissioned to be designed by a major camera company, after a time of great research and development. It was based on the third stereo camera that Seton had built for himself for his own stereoscopic hobby. All of the key aspects of the camera, viewer, and slide mount were designed by *just one man*. And by the mid 1950s over 40 brands of stereo cameras were on the market, copying this same format. ***This was the man and the 3D camera responsible for the stereo boom of the 1950s.***

In 1979 we did an article for “Reel 3D News” on the history of Seton Rochwite, and the cameras that he developed. We did this partly to share the history that Seton had shared with us, and partly to honor him as the recipient of the Progress Medal Award at the annual Convention of the Photographic Society of America (PSA) held at Hartford, Connecticut in October 1979.

Following are some updated excerpts from what we had written:

(Start of excerpts):

Rochwite had been interested in stereo photography since 1929, and in photography in general, since he was 12 years of age. There is no doubt that ***SETON—Continued on page 5***



SETON—Continued from page 4

he has been one of the great contributors to the art and science of photography.

Seton's outstanding contribution to photography was the invention of the Stereo Realist camera. Prior to World War II, stereo photography had been limited to larger format cameras, and because of the sheer size and/or bulk were of limited scope. It was the advent of color film in the 35mm size in 1936 that created the opportunity for the introduction of an appropriate 35mm format stereo camera.

Seton was a lighting engineer at what is now the Wisconsin Electric Power Company. "I first saw 3D pictures in 1929 when I did some photofinishing for my boss, Irving Illing. As soon as I viewed his black and white glass stereo slides, other types of photography lost their appeal to me."

Seton built his first stereo camera in 1930. It was made up, essentially, of parts from a pair of Kodak box cameras. It took adequate pictures in black-and-white. Better cameras of American and German manufacture could be purchased at that time. Seton elected to make his own, probably as much for the fun of designing and building it, as for enjoying its use later on. His second camera, built in 1932, was of all-metal construction and used a pair of 50mm Certar f/4.5 lenses in Vario shutters with interlocked focusing and aperture adjustments. Neither

of these cameras was particularly significant in itself. The self-assigned task of designing and building them gave Seton the experience and confidence to go ahead when the time was right for a third experiment.

When Kodachrome was introduced in 1936 (in 35mm format



in 1938) Seton was quick to visualize its significance in connection with stereo. Here was a natural marriage- a chance to combine the inherent realism of color with stereo's built-in depth effect. He assumed that the big camera manufacturers would see it the same way. He waited for them to bring out the ideal stereo outfit - a camera designed to use 35mm Kodachrome. He waited, but nothing happened.

Nothing kept on happening. Seton finally decided that, if he wanted his dream camera he would have to build it himself. He started shopping around for a pair of used cameras to provide parts and lenses, meanwhile wondering what would be the best picture size to use. The combination he came up with became the standard of the stereo field in the 1950s. He selected a pair of Univex Mercury cameras with 35mm Wollensak Tricolor f/3.5 lenses that had been worth \$25 each, new, in 1938. That's where the 35mm focal length of modern stereo camera lenses came from. He chose the 5-perforation-wide picture on 35mm film as a most economical size, one his lenses would cover well, and a most convenient size for which to design a stereo film transport system. He did not remember if he had seen the film transport progression that had been invented by Colardeau in the 35mm Homeos camera of Jules Richard, but

he essentially updated that same idea from a 4 sprocket to 5 sprocket (square) film format. This allowed for a 70mm lens separation, with half of two frames available between each stereo pair. This created virtually no wasted film, and allowed for 28 or 29 stereo pairs on a 36 exposure length of 35mm film. That's the source of the Realist stereo-picture format.

The camera was finished in 1940, along with its companion viewer. Seton's first slides had to be mounted for viewing, and the most convenient glass for him to use came in 3 1/4 x 4 inch lantern-slide plates. Cutting one in half gave him two pieces 1 5/8 x 4 inches, which is the over-all size of the Realist-format standard stereo mount. Thus, most of the basic elements of modern stereo evolved, not in a big research laboratory, but in an amateur's home workshop. The David White Company of Milwaukee became interested, but the war intervened, and it was not until 1947 that Seton's camera was placed on the market as the Stereo Realist, which started the 1950s stereo boom, which continues to this day.

Upon Illing's encouragement, Seton took his camera to the David White Company. The Milwaukee firm, founded in 1900, specialized in the production and sale of precision optical instruments. Seeking new products to replace those they had produced during the war, David White bought Seton's designs for the camera, viewer and home mounting kit. Seton then joined the company in 1943.

During the years 1943-47 Seton designed and developed the Stereo Realist camera, including giving it its most descriptive name and logo design. The camera and its companion slide viewer appeared on the



SETON—Continued on page 6



SETON—Continued from page 5

American market during the summer of 1947. By the middle of the 1950s Kodak, Revere, Graflex and TDC followed suit with their own cameras.

Later on Seton developed the Kin-Dar attachment for the Exacta camera, permitting close-up photography in 3Dimensions of small moving objects at a distance of 3 to 13 inches, which, in itself, is an outstanding contribution

The Kin-Dar camera was an assignment by Kin-Dar Corporation of South Milwaukee to design a camera that would take good stereo pictures with a minimum of effort and could be made to sell for less than \$100. The Kin-Dar camera resulted, with a price tag of \$99.50. It retains some unusual features similar to those of the Realist, like a left-hand shutter-release button and viewfinder window placed at the bottom of the camera. Other details are entirely different - it is focused by a large knob at the top center of the camera, which moves the lens board in and out instead of shifting the film within the camera. A single window at the back of the camera serves the dual purpose of rangefinder and viewfinder.

Perhaps the most beautifully designed stereo camera is the almost-unknown Contura, which Seton designed for Stereo Corporation in Milwaukee. It resembled the Stereo Realist, including the bottom rangefinder. The lenses and the shutters appear to be of Ilex manufacture. It had a lens aperture of f/2.7 to f/22. Shutter speeds B to

1/100. Rangefinder focusing. The shape, the center knob, and saddle leather trim make it an unusually graceful camera in appearance. Like the Stereo Realist and Kin-Dar it also had a left hand shutter release button, although Seton was right handed. Seton designed the technical details of the camera, but the sleek look of its design is due to the work of the visual stylist Brooks Stevens, who designed racing boats, and later the Excalibur automobile!

In the 1970s he developed the polarizing filter attachment for the Realist camera, which proved of immeasurable value to stereo enthusiasts throughout the world

He applied for, and received, a patent on a new stereo system designed for the mass market which was designed to make stereo photography almost as simple as the popular 35mm itself. It was intended to use 16mm film, and would have brought stereo photography to the

masses in the same pocket size camera as 110 film, which was popular at that time..

The Progress Medal of the Photographic Society of America is awarded annually to a person who has made an outstanding contribution to photography or an allied subject. Seton Rochwite certainly fit that description. He was a member of the Photographic Society of America (PSA) for 46 years, had been awarded the honor of Fellow in the PSA and achieved his "Diamond Star" for more than 680 acceptances in PSA slide exhibitions, with a total of 146 different slides.

We are grateful to Seton Rochwite for creating the camera(s) which made it possible for all of the 3D enthusiasts throughout the world to enjoy the many fascinations of three-dimensional photography.

Information for this article was compiled and reprinted from contributions by Joseph P. Fallon, Jr., "Stereo Today" by Robert L. McIntyre, "Seeing Double Two: The Stereo Renaissance" by Steve Coppinger and Barbara Beniak, Greg Taylor at Stereo Photography Unlimited, Three Dimensional Projection by Earl E. Krauss, and Susan Pinsky's interviews with Seton.

(End of excerpts)

In April 1985 Seton and his wife, Isabelle donated their vast collection of prototype photographia that he had created since the 1930s to the California Museum of Photography in Riverside, California. We were fortunate to be on hand, along with

SETON—Continued on page 7



SETON—Continued from page 6
NSA members David Hutchison, Nick Graver, and Ed Earle, curator of the Keystone-Mast stereoview collection to witness the donation

We feel privileged to have known Seton (and his wife of more than 60 years, Isabelle, who died just a couple of years ago), and hope that we have been able to share just a little of the incredible significance that this kind and gentle man has had on all of us who enjoy the hobby of stereo photography today. We will miss Seton, but his spirit and his images will live on and beyond us in full color 3Dimensional Kodachrome.



For more information on Seton and the 3D history of his contributions see an article in the

Stereo World dated July/August 1988 "A Visit with Seton Rochwite" by Mark Willke.

Seton Rochwite, Remembered In His Own Words

Seton Rochwite had the foresight to prepare his own obituary, which has been kindly supplied to us by a longtime family friend, Stuart Weiner. So here is the man as he wanted to be remembered.

Seton Rochwite of Loveland, Colorado, a retired consulting product engineer, died July 18, 2000. He was 95.

He was born November 22, 1904 in Princeton, Wisconsin. After his family moved to Hartford, Wisconsin he attended Hartford High School. After graduation in 1924 he went to Marquette University in Milwaukee, Wisconsin, graduating in 1929 with the degree of Electrical Engineer.

The first 14 years of his career were as a lighting engineer with the Milwaukee Electric Company. In 1943 he designed a stereoscopic camera utilizing the newly announced Kodachrome Color film. He named it the Stereo Realist and it caused a worldwide revival of interest in stereo photography and is still the standard by which others are judged.

Two years of his career were spent as a staff member at the Los Alamos Scientific Laboratory. Leaving there in

1952 he began a career as a consulting product engineer in both the photo and medical instrument fields. In 1977 he and his wife Isabelle left California, where they had lived for 14 years, and moved back to Loveland to spend their retirement years. She preceded him in death in 1995 shortly after they had celebrated their 69th wedding anniversary and just two days before her 91st birthday.

For many years he was active in photo exhibitions worldwide, receiving many medals and honors. He had achieved the rating of Master 1 for having had over 755 acceptances with over 171 different pictures. In 1979 the Photographic Society of America presented him with its highest honor, the Progress Medal, for his achievements in photographic equipment design.

He was an honorary member of three camera clubs—the Photo Pictorialists of Milwaukee, the Oakland Camera Club and the Rocky Mountain Camera Club. He was also a member of Tau Beta Pi, national engineering honor fraternity.

He is survived by two daughters—Sue Richardson of Casper, Wyoming and Sally Kustka of Bowie, Maryland, six grandchildren and three great-grandchildren.

Step into the spotlight at DDD.COM!

Dynamic Digital Depth (DDD) is transforming the visual experience by bringing stereo 3D to mainstream entertainment.

Don't miss your chance to be part of the future of 3D as DDD launches its new website at DDD.com in October, 2000. DDD is offering talented stereographers the chance to showcase their work on the DDD.com 3D Photo gallery.

With press tours in New York and Los Angeles planned to launch the site, maximum exposure is guaranteed!

Awards

First prize: An 8" x 10" StereoJet print of the winning image, plus a featured position on the DDD.com 3D Photo gallery. Runners up: Two additional images will be selected for

display on the DDD.com 3D photo gallery. All featured images will receive full credit and a web link if desired.

Submission of Entries:

Deadline for receipt of entries is Monday, September 25, 2000. Entries can be submitted in photo, slide or digital format. Both left and right eye
DDD—Continued on page 9

Equipment Review

Dukes Design Super 12X View-Master Viewer (Mark II)

by *Oliver Dean*

Is it worth putting \$200 into the purchase of a high quality, View-Master Viewer having 12X magnification? If you have (and use!) a View-Master Personal or Mark II Camera, the answer would be an unqualified “Yes!” If you have a large collection of View-Master Reels, the answer would also be “Yes,” but with some qualifications. Here’s why:

First off, let’s make it clear that the Dukes Design Super 12X (Mark II) is a “class act.” The lenses are superb, individually focusing, 12 power (“12X”), three element, coated achromats having a clear opening of roughly 17.5 mm, which is large enough to see all four corners of the magnified View-Master image when viewed without glasses. To give you some idea of what makes this viewer outstanding, the high 12X magnification blows up the tiny View-Master image so that its apparent width is actually greater than the apparent width of a Realist slide image viewed in a red-button Realist viewer, and its apparent height is almost as great as the apparent height of the Realist image! The view through the lenses is extremely satisfying, showing no color fringing, a bright, razor-sharp image, and no noticeable barrel or pincushion distortion. A little looseness in the focusing threads can be corrected with a very small amount of high quality grease.

For you eyeglass wearers out there, you may have to move the

viewer slightly to see each of the corners of the image. However, unless you have severe astigmatism, you can probably focus the lenses enough so that you can use the viewer without your glasses, allowing you to see the entire image at once. I have severe farsightedness, normally requiring about a 4.0 diopter correction for reading, and the Dukes viewer focuses easily for me without my glasses.

On the down side, the individually screw-focused lenses are slow to adjust, which makes the viewer inconvenient to pass around among people who have different focusing requirements. I found that it’s much better to let one person at a time use the viewer for all the available views before passing it on to the next person, who may wish to alter the focus drastically.

Note that this viewer does not include an illuminator. You must point it at a light source, preferably one that is somewhat spread out or diffuse. I get excellent results pointing the viewer at a propped up piece of white letter paper brightly illuminated by a desk lamp or high intensity lamp. Dalia Miller tells me that, at a price tag well under \$100, she will soon carry a Dukes Design illuminator that will fit this viewer, adding significantly to its convenience.

Another missing feature is a tripod socket. Few View-Master viewers have them, but those that do are eminently more desirable for long viewing sessions. The steadiness provided by a small tripod support adds tremendously to the sense of

realism while viewing at high magnification and helps to prevent the fatigue that sets in from having to hold the viewer up in front of your face over a long period of time. This viewer deserves a tripod socket. (Perhaps the new illuminator will include one?)

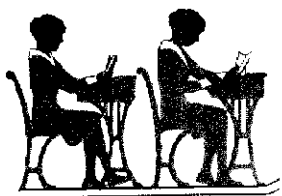
For those who appreciate appearance, the lenses are mounted in black barrels on a satin finished, black anodized mounting plate, all of which match the sleek design of the rugged, black viewer that John Dukes has modified. The cap screws holding the mounting plate can be loosened, permitting small vertical, horizontal, or rotational adjustments to the mounting plate alignment, if you should find it necessary after much hard usage or after a drop.

Where the 12X magnification really shines is with fine-grain images, properly mounted with infinity points not too far apart. The best assurance of getting these kinds of pictures is when you take and mount them yourself, using a View-Master camera and the proper cutter. If you already have this kind of equipment, the 12X viewer would give you a greatly enhanced way of viewing your reels, approaching the “ortho” experience.

Of course this high magnification carries with it some obvious drawbacks when used with commercial View-Master reels. For one thing, all the flaws in a view are magnified. Dust, scratches, vertical misalignment, and other flaws that seemed insignificant in a standard viewer can be annoying at 12X. Also, while many of the reels have been made to high enough standards that viewing in a 12X viewer can be enormously satisfying, other reels have been made to marginal standards that are barely acceptable for even the low magnification of ordinary viewers. Such reels can appear out of focus, misaligned, or excessively grainy in the 12X viewer.

In addition, some of the
DEAN—Continued on page 11





News and Notes from the SCSC Clubhouse

by Lawrence Kaufman



Fond Farewells

David Starkman announced the very sad news at the August SCSC meeting. Seton Rochwite, FPSA passed away on July 18, 2000. Stereo photographers everywhere remember Seton, the man who designed the Stereo Realist system with great affection. His contribution to stereoscopy and to our culture at large can not be overstated.

Arthur Girling

Arthur Girling also passed away earlier this year. Born in 1916, he was 84 when he died peacefully on the 17th of April, after a short hospital stay. Mr. Girling was a foundation member of the International Stereoscopic Union (ISU) as well as an Honorary Life Member of the ISU. Unfortunately, it would appear as though his membership has run out. Many present-day stereographers will remember Arthur best for his wonderful stereo drawings as well as the book in which he described his technique.

Ray Zone's View-Master Reel

I had mentioned that in addition to being the keynote speaker at this year's NSA convention, Ray Zone also accepted the William C. Darrah Fellow Award for distinguished scholarship in and extraordinary knowledge of stereoscopy. I have heard Ray called everything from Legend to 3D Hero. I am honored to be able to call him friend. He almost single handedly has made my passion for collecting all the 3D comic books an impossible task (even though he has been very helpful in adding to my collection).

Ray is a frequent and very welcome contributor to the 3D News, Stereo World, Photo-3D, American Cinematographer and several other publications that I choose to read. Steve Berezin recently announced that he has the newest Stereo Club of Southern California Limited Edition

View-Master reel (second in a series) for sale. It is titled RAY ZONE: Pioneer of 3D Conversion. http://www.berezin.com/3d/ray_zone.htm

I purchased one of these reels at the August SCSC meeting. Ray was there and he kindly autographed the numbered VM reel folder for me. I love the images on the reel and all the information on the folder that comes with the reel. I highly recommend the reel to anyone who is interested in 3D in any form—stereo photography, 3D collecting, 3D comics, 3D conversion, etc. The reels weren't available in time for the NSA convention, but they will be available at SCSC meetings. It also makes a great gift, so check out the reel and see if you don't agree.

SCSC View-Master Reels

Not only is the second SCSC View-Master collector reel featuring that 3D legend Ray '3-D' Zone a must-have reel, but so is the first reel! The first SCSC VM reel spotlights George Lewis, Keystone's last stereographer, the last of his kind! Have you purchased your copy of the first of several SCSC collectible View-Master reels? The reel will also be available for sale at all the upcoming SCSC meetings. But supply is limited! These are a limited edition, numbered collector reel. Through some generous assistance from long-time VM photographer and SCSC vice president Charley Van Pelt and the use of seven great shots provided by the UCR/California Museum of Photography, SCSC now has its first two 'collectible' reels for sale. The reels are only \$5 at the meeting. Several SCSC members will be selling the reels through their normal for sale outlets. You can purchase from Berezin Stereo Photography Products at (949) 581-8378, email 3d@berezin.com and Reel 3D Enterprises, Inc (310) 837-2368, email reel3d@aol.com their regular postal rates will be applied. Future reels are being planned.

DDD—Continued from page 7

views must be submitted. Digital entries can be submitted via email or PC formatted disk in jpeg, tif, tga or bmp format—jpeg preferred. If submitting via email, maximum resolution should be 1024 x 1024.

Submit entries to: Michelle LaPaglia, Communications Manager, mlapaglia@ddd.com, Dynamic Digital Depth Inc., 2120 Colorado, Suite 100, Santa Monica, CA 90404, Phone: 310 566 3340

Competition Rules:

- Each person may submit a maximum of three stereo photos
- Entries will be judged by a panel selected by DDD
- The judges' decision shall be final
- By virtue of submitting an entry, the entrant certifies the work as his/her own and permits DDD to reproduce all or part of the entered material free of charge for publication and/or display at www.ddd.com and related media. DDD assumes no liability for any misuse of copyright by the entrant.
- Entries will only be returned if stamped, self-addressed envelope is included with submission
- Submissions must include name, address and phone number of applicant
- Winners will be notified by Monday, October 2, 2000

About DDD:

DDD's patented technologies provide solutions for converting 2D material to stereo 3D and transmitting 2D compatible 3DTM content via the internet, television, DVD and CD. The company is publicly traded on The Canadian Venture Exchange under the symbol CDN:DDE. More information is available at www.ddd.com.

Competition News

Chicago Bulls and SCSC Competitors Both Pull Off Three-peats

by Mike McKinney

It's not just the Chicago Bulls that can pull off multiple championship seasons, Kathy Day, the Michael Jordan of SCSC, walked away with another Slide of the Year award to place on her overly stocked trophy shelf. Kathy's slide, "Hold Onto Your Hat," is a superbly dimensional photograph of her main man Doug sitting at the end of a precipitous granite spire. Did I mention that Kathy's slide was the only one in the competition to receive a perfect score? Obviously she thrilled the San Diego judges that graciously staged the competition. Oh yes, Kathy also earned a Silver medal in the cumulative awards competition on the A-Group category. Way!

Abe Perlstein was in the money as well taking the special award for Imagineering for, "Pinhead Lives." In the cumulative awards for the year Abe earned a Gold medal in the Non-Conventional category. Earl Colgan, our perennial award winner took home the, "All Creatures Great and Small," award for, "Munskins," and a Bronze medal in the cumulative

Non-Conventional category. And yours truly also brought in a three-peat performance by winning the Wonderful World of Color award for the third year in a row.

The cumulative point's competition saw some new faces rise up the ranks and some old faces (just a figure of speech) get shuffled around. I got shuffled right off the planet in A-Group Standard. Scott Ressler, photographer extraordinaire, moved to top dog in A-Group, and Chris Olson, who is always in the hunt, took home a well-deserved Bronze. It was a tight race in A-Group Standard with only a three-point spread between the top three contenders. Next year should be interesting. Phillip Steinman moved into medal-ville with a Bronze in the Non-Conventional category. B-Group Standard had a tough battle between Cassie Kaufman and Dorothy Bernhardt with Cassie taking Gold by a mere eight points. They are both turning out excellent photographs and I hope to see them moving up into A-Group in the near future. Bruno Lizzi anchored the medal trio with a

Bronze. Go get 'em Bruno.

It's been a fulfilling experience for me overseeing the competitions. The photographic talent in our club is exceptional and it's always with great pride that I send our best-of-the-year entries to fellow clubs. I like to brag about you all. And it truly lightens my heart when new club members enter the competitions, braving their photographic egos under the critical eyes of some of the world best stereographers. Conversely I am saddened when talented photographers sideline their cameras and drop off the entry list. Cheer me up, get back in the game. I am really looking forward to the humor and commitment of Chris Olson as he takes over the task of running the competitions. Chris, with his terrific and very active imagination will certainly make the competitions better and bigger than ever.

Finally I want to thank all of you who judged, worked the projectors, read the scores, and controlled the horizontals. And a special thanks to Kathy Day for her assistance at the *COMPETE*—Continued on page 11

Special Year-End Awards

ALL CREATURES GREAT AND SMALL

"MUNSKINS"

BY EARL COLGAN

WONDERFUL WORLD OF COLOR

"PINK SALT PANS"

BY MIKE MCKINNEY

SLIDE OF THE YEAR

"HANG ONTO YOUR HAT"

BY KATHY DAY

IMAGINEERING

"PINHEAD LIVES"

BY ABE PERLSTEIN

A GROUP STANDARD

GOLD—SCOTT RESSLER

SILVER—KATHY DAY

BRONZE—CHRIS OLSON

B GROUP STANDARD

GOLD—CASSIE KAUFMAN

SILVER—DOROTHY BERNHARDT

BRONZE—BRUNO LIZZI

NON-CONVENTIONAL

GOLD—ABE PERLSTEIN

SILVER—MIKE MCKINNEY

BRONZE—PHILIP STEINMAN

DEAN—Continued from page 8

individual commercial views exceed by a slight margin the acceptable limit for infinity point separation. While you can get away with this in a viewer that doesn't magnify the image by much, when you view such an image in the 12X viewer, the excess separation can be magnified to the point where you can't fuse the images, and the stereo pair becomes unviewable. While this is not the fault of the 12X viewer, it is an unfortunate fact of life about commercial reels and will result in some commercial views being usable only in your standard viewers. The only correction for this would be to include a lens separation adjustment on the 12X viewer, but this can be atrociously expensive. The only View-Master viewer I know of with a lens separation adjustment feature costs over \$600, and it has only 8.5X lenses!

Generally speaking, though, while at 12X the usual commercial views will most certainly show some grain, the better views will still show a wealth of detail and a feeling of presence that can make the whole 12X experience worthwhile.

In summary, if you are a dedicated View-Master enthusiast, you may find that this viewer will thrill you, causing you to look at all your old reels over again with a new sense of discovery inspired by the greatly enhanced feeling of presence from the large images. Had this viewer been made available 10 years ago in mass production quantities, it might have changed the orientation of View-Master commercial products back to the higher age brackets. But don't throw away your old viewers; you'll still need them to look at many of the images too flawed to view at 12X.

The Dukes Design Super12X Focusing Viewer (Mark II) is available exclusively by placing a custom order with Dalia Miller, <http://www.stereo3d.com> (The viewer is NOT shown on her web site, but she DOES take orders for it.) Her e-mail address is ddd@3dstereo.com, and her phone is (702) 838-7015. The new illuminator, now in production, will be available also through Dalia.

BEREZIN—Con't from page 2

Awards

- David Saxon for "Autumn Leaves Tabletop, New England"
- David Thompson for "Old Oak in Winter"

Honorable Mentions

- David Saxon for "Beautiful Desolation, Joshua Tree Nat'l Park"
- David Thompson for "Virginia City Cem"
- Linda Thompson for "Butter & Honey"
- Susan Pinsky for "Babies Mine"
- Ray Zone for "Brontosaurus Steps Out"
- Lawrence Kaufman for "California ScienCenter"

London Slide Battle

After the description of what would be a raucous time in our London slide battle, a rather tame audience gave the blue ribbon to Gary Schacker who was visiting from the San Diego Club to our south. Honorable Mentions also went to David Kuntz and Ray "3D" Zone.

Next meeting

Our next meeting will include a new feature added with my presidency. With every meeting I would like to have a 15 minute technical session which will include a presentation from one or more members on a specialty such as macro stereo photography, twin camera photography or view magic

Our first session will include Ray Zone giving a presentation on 2D to 3D conversions.

Thanks to the quick work of Lawrence Kaufman, we are blessed to have the Photographic Society of America (PSA) Stereo Division, Hall of Fame VIII. The PSA SD HOF VIII is an hour long show of 130 slides that have been retired from competition. To qualify, the slides must have at least eight stereo exhibition acceptances.

The Hall of Fame was established in 1980. 1150 stereo slides have been submitted and used in eight shows. In the original concept no one person was allowed more than four slides in a given show. Over the years some individuals had to wait up to 10 years

COMPETE—Con't from page 10

scoring table and making the job a lot of fun. Kathy has promised to continue her support with Chris. Lucky guy! So for the last time.

*Be there
Mike*

A Group Standard

	May	Final
Scott Ressler	63	327
HM: Lotta Bull		
Kathy Day	131	325
A: Below the Cornice		
Chris Olson	131	324
A: LeGo My Empire State		
HM: A Hyper Government		
Clay		
HM Fall Trees		
HM: Fall Lakeside		
Earl Colgan	66	317
HM: Goat Herder		
HM: Rug Maker		
Abe Perlstein	62	314
Mike McKinney	120	313
HM: Spire Climber		
Lawrence Kaufman	57	312
Phillip Steinman	62	311
Mitch Walker	62	311
Bob Phillips	60	304
Chuck Bernhardt	61	283
Dave Porfiri	—	164
Dick Howe	—	160
Todd Eifert	—	90
Mark Kernes	—	62
Tony Alderson	—	21
Ray Zone	—	20

B Group Standard

	May	Final
Cassie Kaufman	59	303
HM: Futuro Scope		
HM: Getty View		
Dorothy Bernhardt	61	295
A: Resting in the Sun		
A: It's the Water		
Bruno Lizzi	112	213
HM: Xmas Tree Lights		
Derek Cowie	—	183

Non-Conventional

	May	Final
Abe Perlstein	63	344
Mike McKinney	136	343
HM: Death Valley		
A: Cracked Earth		
A: Reflecting Heaven		
Phillip Steinman	325	325
HM: Narrow Bull Valley Gorge		
HM: Grey at Angels Landing		
HM: Kids at Angels Landing		
Earl Colgan	64	323
Derek Cowie	—	191
Mitch Walkder	60	184
Jim Comstock	—	138
Ray Zone	—	42
Todd Eifert	—	42
Scott Ressler	—	26
Tony Alderson	—	23

Rules for Club Competition

1. There will be two competition categories: (1) standard stereo, and (2) non-conventional stereo. Standard stereo is defined as all those slides made with a standard 35mm camera (Realist, Kodak Stereo, Verascope, Nimslo, etc.) at normal interocular. Cropping, sandwiching, multiple exposures, filtration and color manipulation are permitted as long as the original chips were made with a standard stereo camera. Non-conventional stereo is defined all those slides made with Exakta / Kindar / Hyponars, Realist Macro Stereo, regular 35mm cameras with the aid of a slide bar, or slides with modified interocular (hyper or hypo stereo) regardless of camera used. Standard stereo slides will be mounted in Realist-format (1 $\frac{5}{8}$ " x 4") mounts. Non-conventional stereo slides may be mounted in either Realist-format mounts or in 2x2 standard 35mm mounts. The Competition Director shall decide the appropriate category of a slide in event of dispute.
2. Members will be allowed to enter up to three slides in each of the two competition categories at each competition. If a member enters slides in the non-conventional category, all of that member's slides entered in that month's non-conventional category shall be mounted in the same format (all in Realist-format or all in 2x2 mounts).
3. There will be two competitions within each category: an "A" (advanced) and a "B" group (all others). A member may be grouped in the "A" group in one category and the "B" group in the other category. Member's group shall be assigned at the discretion of the Competition Director.
4. Cumulative scores will be computed for each member in each category. Members entering both categories will have two cumulative scores. These scores are not combined. Scores for both Realist-format and 2x2 non-conventional entries will be combined.
5. End-of-year awards will be made to top scores in each group of each category. It is possible for the same member to earn the awards for both categories.
6. The two groups within each category shall be judged as one complete group. Each category shall be judged separately. Following each competition the judges will comment on selected slides as time permits.
7. There will be five competitions during the year for each category. Both categories shall be judged on the same evening. Realist-format slides will be projected with a conventional stereo projector. The 2x2 format slides will be projected by twin Ektagraphic AF-2 projectors.
8. Scoring shall be from five to nine points.
9. The top scoring slides of each group of each category shall be given Award and Honorable Mention ribbons. Number and distribution of ribbons to be awarded shall be determined by the Director.
10. Slides may not be entered in Club competition more than once during the same fiscal Club year. Slides that have won an Award or Honorable Mention in any previous Club competition in any year, or similar slides whether titled the same or different, may not be entered again.
11. There shall be three stereo judges for each competition. A member who is judging shall not enter slides in that competition. Judges will receive a prorated score based on their scores for all other competitions entered during the fiscal year.
12. All slides should be mounted in glass. However, to encourage beginners and less experienced to enter, this requirement may be waived in the "B" group. Realist-format slides should be spotted in the lower left-hand corner as viewed in a hand viewer. 2x2 stereo slides will be spotted in the lower left-hand corner of each slide; a red spot will be placed on the left slide, a green spot will be placed on the right slide.
13. Make-up slides for missed competitions will be allowed only at the discretion of the Competition Director. Make-up slides will not be eligible for Awards or Honorable Mentions.
14. Members may not submit more than one set of make-up slides per competition.

Adopted by the Club Board on July 31, 1991

3D News

VOLUME XLV #4

OCTOBER 2000

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Mitch's Sketchbook



The Stereo Club of Southern California was founded in 1955 to promote the art, enjoyment and science of stereo photography. Meetings, which normally include 3D slide projections, are held monthly. Visitors are always welcome. Annual dues are \$30/single or \$40/dual (send to the Membership Director). The *3D News*, with a total circulation of about 250 copies, is sent monthly to all members. Annual subscription for those not wishing to participate in Club activities is \$20, and foreign subscriptions are \$25 (send to the Treasurer). Everyone is encouraged to submit stereo-related news items, articles, art work or photo tips for the *3D News*—deadline is the last day of the month (send to the Editor).

October						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

November						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Calendar of Events

- October 19** Our annual Club auction. Clean out the closets and stock up your wallet! 7:30 at the Wilshire United Methodist Church, 711 South Plymouth Boulevard, near Crenshaw and Wilshire in the downtown area of Los Angeles.
- November 4** Movie Division meeting 7:00 pm at Longley Way School, 2601 Longley Way in Arcadia.
- Nov 16** Second Club competition and additional program. 7:30 at the Wilshire United Methodist Church, 711 South Plymouth Boulevard, near Crenshaw and Wilshire in the downtown area of Los Angeles.
- December 14** Remember that the annual Christmas Banquet will be held **one week early** this year (the second Thursday instead of the third Thursday) so as not to interfere with other Holiday functions. As usual, it will be held at Taix Restaurant, 1911 Sunset Boulevard, in Echo Park.

From the Prez

Last Month's Meeting and a Peek at Coming Events

by Steve Berezin

The September meeting was marked with the first club competition of the year. All divisions had a pretty fair number of entries. The winners of the competition are listed in Competition Director Chris Olson's column elsewhere in the 3D News.

Conversion Mini-Workshop

We also were blessed with our first mini-workshop, a new feature that we can look forward to seeing from time to time in future meetings. Sitting in for Ray Zone, Tony Alderson gave a presentation of 2D to 3D conversion. Tony has his own company that does digital effects and in the past has converted artwork for some comic books. He brought in a slide and one of the boards he used for the conversions. It was interesting to see the difference in using an exacto knife in the older methods compared with the total takeover of the computer for this sort of work now. Tony did a some of the work in the book *Battle for a 3D World*.

Hall Of Fame Show

We were lucky through Lawrence Kaufman's diligence to get to see the Photographic Society of America, Stereo Division's Hall of Fame show. These are slides that have been in at least 8 competitions. We were mercifully relieved from the monotone cassette tape narration that came with the show when Susan Pinsky stepped in with pleasant narration from the included script.

Long-Time Member Attends Meeting

Jim Lucas designer of the Teco-Nimslo and the Teco Uncut stereo slide film viewer attended this month's meeting. Jim has been a member since 1987 and invented the Teco-Nimslo to save slide film when using the Nimslo as a normal stereo slide film camera (not as a lenticular camera). He does this by changing the advance in the camera. Jim also manufactures the Teco-3 viewer which views uncut Nimslo and Realist slide format film. This is accomplished through the use of front surface mirrors. Jim's company

Technical Enterprises has a web site at:

Next Meeting Club Auction

David Starkman will be donning his famous vest and bow tie to act as auctioneer for our next club meeting which will be the annual club auction. Some of the proceeds will go towards the club's treasury so clean out your closets and come with plenty of cash or a checkbook to buy what are sure to be a large variety of 3D items. If you are planning to auction off a lot of items please come early to fill out the paperwork.

New 3D Products

Some interesting new 3D products were recently introduced that most 3D enthusiasts might find interesting. The company out of Shanghai China is introducing a 120 (Medium) format lenticular Seagull camera this month. It has 5 lenses and takes three pictures per 120 roll or 6 per 220 roll (the camera is pictured below).

Although the 5 lenses version of this camera seems intimidating
BEREZIN—Continued on page 8

The History Zone

A stroll through the history of stereography with Ray "3D" Zone

A 3D Inventor

by Ray Zone

My first experiment with 3D was when I was ten and we had a 3D movie come to town in Henderson, North Carolina. I talked the theatre manager out of a couple of pairs of 3D glasses. I took them back home and I had a (Kodak) Brownie camera you could make double exposures with. So I took a shot through one filter of the 3D glasses and then with another shot, took a double exposure through the second filter. And I was very excited to have the film processed and get it back. And I thought 'Oh Boy, I'm going to move the filters over the photo and see the pictures jump.' Of course, it didn't happen. I didn't know at the time you couldn't record polarization on film.

Steve Hines of HinesLab in Glendale, California is recalling the beginnings of his fascination with stereoscopic imaging. Despite that initial failure, Hines went on to become a successful inventor of 3D devices which have advanced the state-of-the-art for stereoscopic motion pictures and other 3D applications that range from an anaglyphic instant portrait booth to autostereoscopic television.

After graduation from college Hines went to work for Kodak and ended up in their research labs. In 1980 Hines designed a twin camera rig for the Walt Disney Imagineering Group that was used to shoot Murray Lerner's "Magic Journeys" with two 65mm cameras aimed at 45 degrees through a partially reflective beamsplitting mirror. Hines subsequently patented this "Camera Assembly for Three-Dimensional Photography" which provided unprecedented control for 3D moviemakers with mechanical control linkage to adjust the interocular spacing between the two cameras as well as convergence distance setting.

Another camera assembly of

Hines' design is often referred to as the "Iwerks 8/70-15/70" 3D rig and it was used recently to film the forest sequence in the IMAX 3D film "Cirque du Soleil, Journey of Man" which required a reduced interocular setting smaller than the fixed 2.85" of the IMAX 3D camera. With these 3D camera assemblies, Steve Hines has designed the first modern-day, dual-camera 3D systems. He added some refinements to his basic design to create the "HinesLab StereoCam" which adapts to a variety of film, video and HDTV cameras. The StereoCam allows the use of wide-angle lenses and uses an internal electronic mechanism that permits independent adjustment of interocular and convergence during a shot. The interocular distance in the StereoCam ranges from 0 to 4.5 inches with a convergence adjustment from 4 feet to infinity.

Hines has also assembled a very useful "3D Video Viewfinder" which provides valuable information on location when shooting dual camera 3D. Built-in 8mm VCRs allow the

scene to be recorded and replayed in 3D on two color monitors. The 3D Video Viewfinder also makes a valuable post-production tool, allowing edited Left eye/Right eye film transferred to tape to be previewed in 3D before printing.

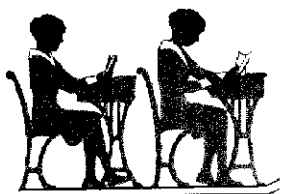
Besides those already mentioned, HinesLab dual camera 3D rigs have been used to shoot films such as "Pirates" (in 4-D), "Nightmare on Elm Street," "Terminator 2/3D" as well as "Muppetvision 3D" and "Honey, I Shrunk the Audience" for Walt Disney.

More recent stereoscopic developments of HinesLab include 3D TV without glasses that uses conventional optics and is built around a single liquid crystal display panel. Another autostereoscopic HinesLab invention is the "Holo-Box" which makes 3Dimensional images float in space, hovering dramatically in front of the display. A more traditional 3D device is the anaglyphic instant portrait booth which produces a 3D color photo

ZONE—Continued on page 7



Steve Hines in his Instant 3-D Photo Booth



News and Notes from the SCSC Clubhouse

by Lawrence Kaufman



Be sure to pass along any 3D news to Marvin Jones. He would love your contributions to the 3D News. If you know of, or read about something 3D, pass it onto Marvin. The contact information is on the cover, the deadline is the last day of the month.

October 3D Movie Screenings

The Silent Movie Theatre, the only silent cinema in the U.S.A. is making plans to present both DIAL M FOR MURDER and HOUSE OF WAX in 3D in October. These will be new Stereovision side-by-side anamorphic prints and the theatre is purchasing a new silver screen for these screenings. The screen size is relatively small and the image should be bright and sharp. Apparently, the theatre cannot run twin strip films due to certain limitations in the booth area. They also plan to have Saturday night late screenings of a new print of THE STEWARDESSES in 3D. The Silent Movie Theatre is located at 611 North Fairfax Avenue, Hollywood, California 90036 (one-half block south of Melrose Avenue) (323) 655-2520 for recorded program information or (323) 655-2510 for the Main Office. On the web at:

The Silent Movie Theatre will be screening DIAL 'M' FOR MURDER from October 5 - 8 and October 12 - 15 all shows at 8pm with a Sunday matinee at 1pm. HOUSE OF WAX will be screening October 19 - 22 and

October 26 - 29 all shows at 8pm with a Sunday matinee at 1pm. The Saturday night late shows feature THE STEWARDESSES.

In San Francisco

HOUSE OF WAX will be shown in twin strip 3D at the Castro theater in San Francisco from Oct 24 through Oct 31st (except for October 26th) daily at 2:00 4:30 7:00 9:30. LUMBERJACK RABBIT with bugs Bunny will also be shown in twin strip 3D.

In San Diego

The Museum of Photographic Arts (MOPA) in Balboa Park is going to have a Halloween 3D Festival on October 27th and 28th. CREATURE FROM THE BLACK LAGOON and REVENGE OF THE CREATURE will be shown (anaglyph prints) three times each day.

Free Samples at the NSA Convention

There were lots of free samples at this years NSA convention that was held in Mesa, Arizona this past July. American Paper Optics was giving out a couple different free promotional packages, one including glasses, the other included viewers. Q-VU (PO Box 55, Holtville, CA 92250) was handing out samples of their new print mounting cards and only asking for a little feedback in

return. Rocky Mountain Memories has been working on some new options for quality, easy-to-use affordable stereo slide mounts. They distributed a package in Mesa containing pre-production samples of a 5P Realist format self-stick mounts, a 5P Realist format heat seal mounts and 2x2 slip-in mounts. If you would like a free sample email your mailing address to samples@rmm3d.com. I was given some samples to distribute to our club, so see me at the meeting. These are pre-production samples, additional design improvements are expected before the first production run. Anticipated availability is late fall. There are several exciting advantages to the new designs. The heat seal mounts will include a "register" to guide placement of the chips. Use of a register is standard in the billions of 2D cardboard mounts used every year in this country. Self-stick mounts will be quicker to seal than either heat seal or tape-shut mounts. They will also include a register. The 2D slip-in mounts demonstrate the style of 5P slip-in mount currently under development, but not yet ready. These mounts will be made from the same card stock as the heat seal and self-stick mounts. All three styles of mounts will feature a gray inner coating on the cardboard that is pH neutral and helps improve the opacity of the cardboard mount. RMM currently offers the Australian-made "precision tape-shut mounts" designed by Steve Spicer. Steve Spicer's mounts will continue to be the highest quality cardboard mount on the market. Initially the mounts will be offered with normal 5P apertures, additional sizes will be added in the future. The new mounts offer new conveniences, especially intended for those of us who have not achieved a high level of mounting efficiency with the Spicer mounts.

Reel 3-D Enterprises, Inc. reports that
KAUFMAN—Continued on page 5



In one of the classic images in cinema, enhanced by 3D photography, Vincent Price stalks Phyllis Kirk in 1953's *House of Wax*. The 3D classic is being revived in a new stereo print this month by the Silent Movie Theater.

KAUFMAN—Cont'd from page 4
they too will have some new mounting options available soon and will keep us posted.

View-Master News

Have you checked out Charley Van Pelt's new book of View-Master history? Charley had copies at the August meeting. Written with May Ann and Wolfgang Sell it is amazingly rich with the fabulous history of the most-known 3D item. "View-Master Memories" is available for sale from Charley. It is a historic work with over 300 pages of text and 100's of photographs. It details the history of VM from 1939 to present. The book is \$30.00 plus \$3.20 for priority mail from Charley Van Pelt, 1424 E. Mountain St, Glendale, CA 91207 (818) 243-5636 or check out the Sell's website: <http://www.cinti.net/~vmmasell>

New VM Viewers

Mary Ann Sell had suggested the Collector Barbie doll with her own mini View-Master viewer. So she should not have been surprised when she received an email as a result of an inquiry she had made last year. Mattel's Fisher-Price division had taken another of her suggestions and acted upon it. Mary Ann had asked about a clear Viewer. Fisher-Price had to go through a lot of material testing, but they came up with Hot Translucent color View-Master Virtual 3D Viewers. You can find them now at a Target store near you. They are in edge glow green and edge glow orange with two more colors to follow in the next month or so.

Fisher-Price continues to improve the Virtual Viewers. Now even folks with glasses can use them. Plus you can cycle through the entire reel that is included with the viewers that you purchase – before you open the package. Fisher-Price is still planning to be an active participant in our NSA 2001 convention in Buffalo.

Magazines w/3D

There is a new magazine at your local book store, newsstand and even supermarket. Mary Beth's HALLOWEEN Spooktacular is a special activity magazine for kids.



Fisher-Price's new transparent View-Master viewer was suggested by Mary Ann Sell.

The cover states "Free! 16-page section in 3-D! Glasses included". The 192 page magazine retails for \$9.95, it is nice to know that 16 of those pages are free! Published by H&S Media Incorporated, 2121 Waukegan Ave. Suite 120 Bannockburn, IL 60015 (847) 444-4880 or fax (847) 447-1153. Distributed by Warner Publisher Services and ADS Publisher Services.

Gentleman's Quarterly w/3D

The September issue of GQ, the German issue only has a 3D anaglyph section of models. The models are a little risqué, including primarily nudes and lingerie. The magazine also includes a one page history section



As Davy Crockett would have said, these guys are "loaded for b'ar"! David Klutho (left) and David Stuckey prepare to photograph the 2000 Sydney Olympics in 3D for an upcoming special edition of *Sports Illustrated*, the magazine that brought you the 3D Swimsuit Edition! Photo by Ray Moxom.

and a 3D ad among the thirteen page spread. Glasses are attached to the front cover and the cover is also anaglyph. The models are very beautiful. I am not sure why the other versions (i.e. British, American or Spanish) did not include this (or part of) 3D section. Hurry and check the larger newsstands they could order it for you. Price in the United States is \$9.25.

SCSC Field Trips

SCSC has been able to put together some last minute field trips. The last three were scheduled at the last minute, with much of the notice only through the SCSC email reminder list. Be sure to sign up at the SCSC eGroup home:

DDD

Our most recent outing for the Stereo Club of Southern California and the National Stereoscopic Association was held on October 10. Dynamic Digital Depth (DDD) opened up their new Santa Monica facility for a visit by SCSC & NSA on October 10. Members and their guests met at DDD at 7:00 PM with Phil Harman, DDD's Chief Technology
KAUFMAN—Continued on page 6

KAUFMAN—Cont'd from page 5

Officer for a speech and a demo.

This was a rare opportunity to see some great state of the art work that is being done in 3D. Dynamic Digital Depth's mission is to be the world's leading provider of 3D technologies and services. DDD is well on their way to this goal. DDD's DeepSee™ conversion technology has enabled 2D footage to be converted to 3D for motion pictures and live television broadcasts. DDD is delivering 3D on the Internet, on television, in motion pictures, on DVD, everywhere! I hope the word got out to everyone who might have been interested in this outings.

C-3D Television's Fall Schedule

Hopefully everyone who was able to attend our tour of C-3D Television on August 9th. C-3D Television Network is part of C-3D Digital, a leading innovator in media content creation and technology for 3D imagery and virtual entertainment for television and the Internet. In addition to C-3D Television (the world's first and only broadcast network to offer 24-hour, 7-days-a-week stereoscopic 3D programming), the company operates several synergistic divisions including 3D.COM, its Internet subsidiary and home to the virtual reality/3D portal/e-commerce community center on the Web; Strata Software, a leading producer of 3D graphic design software; and the Hotel Movie Network, a private broadcast network focused on the hospitality industry.

In addition to seeing a test reel of 3D programming, we got the first news of their new shows for the fall: Chequemate International Inc. (AMEX:DDD), doing business as C-3D Digital Inc. announced its C3D Television Network division is premiering four shows as part of its fall line-up. The new stereoscopic 3D programs include "Rave-O-lution," a rave dance party show that brings the rave scene right into your home from some of the hottest nightclubs and rave locations throughout the U.S. and abroad. Episode One, filmed in Los Angeles, features a live performance by intergalactic "Blue Girl" - professional dancers and DJs spinning

the latest techno, house and dance music. "Planet X-3" - a half-hour action and extreme sports show features world-class extreme sports talent from around the globe. The first episode features freestyle motocross world champion Mike Metzger, champion bicycle stunt riders Dave Voelker and GT Air Show teammate Mike Parenti, top 5 vert skateboarder Matthias Ringstrom, and wild surfing footage from the North Shore of Hawaii.

This new line-up features a combination of original stereoscopic 3D programs as well as shows containing converted 2D to 3D movies created using C3D Digital's proprietary zVision conversion process. Also included are "Convergence" - a two-hour 3D-Sundance-like experience that includes films, shorts and animation from independent filmmakers that are all converted using zVision. We met Graham, the show's host and "The Big Fat Movie Show" - a hosted 3D movie program with two comedic and very interesting hosts, featuring classic 3D movies as well as classic and current 2D movies also enhanced through zVision. For more information, visit www.3d.com.

SCSC LF 3D Movie Outing

It was great to see a dozen (or so) members who were able to go to the special Tuesday, August 22nd morning special screening of Two 3-D Large Format Films. Thanks to Kathleen Fairweather of TOTAL MOVIE DVD - IMAGINE MEDIA special arrangements were made for SCSC members, family and friends to attend a special 3D-movie screening. The screening that was also open to the world's largest grade school field trip included (an almost) private screening of ALIEN ADVENTURE and 3-D MANIA (formerly known as ENCOUNTER IN THE THIRD DIMENSION) at the Universal City Walk IMAX theater. ALIEN ADVENTURE screened at 10:30 a.m. and was followed by 3-D MANIA at 11:50 a.m. Members could attend both, or choose one if their time was limited.

Both films along with CIRQUE DU SOLEIL: JOURNEY OF MAN

and T-REX: BACK TO THE CRETACEOUS are playing as part of a 3D Madness festival at the Universal City Walk theater, for showtime information call (818) 768-8100. The theater is at the Universal City Walk outside the Universal Studios Hollywood Theme Park, 100 Universal City Plaza, Universal City. Their webpage:

Prior to the screening there was a little discussion on the Photo 3D email list about the film 3D MANIA and if it would be in anaglyph or a 'polarized/LCD' presentation. 3D MANIA has had some play dates in a new anaglyph process called ColorCode at some 'Imax' theaters. See also:

To help clear up a couple points, I replied:

1) Not all large format theaters are Imax, in fact the two films that were at our screening were from nWave Pictures. The theater did use Imax equipment, so calling large format theaters Imax is like calling facial tissues Kleenex, acceptable - but not correct.

2) Most of the large format theaters in Southern California use the polarized projection with liquid crystal shutter (LCS) glasses, these are not LCD (liquid crystal display) glasses. One theater in San Diego is not capable of projecting polarized 3D LF films. One theater in Los Angeles uses the oversized polarized glasses. These are much more comfortable, but there is a little ghosting in the films. The other five (5) theaters, I believe all use the shutter/polarized glasses/goggles.

Both the films 3D MANIA: ENCOUNTER IN THE THIRD DIMENSION and ALIEN ADVENTURE were shown with dual filmstrips with polarized-LCS goggles. Also shown was the preview for CYBERWORLD (which opened on October 6th at most LF theaters). I have already reviewed both films for Stereo World Magazine, ALIEN in Vol.26 #2-3 and E3D in Vol.25 #5. I can email either of these reviews to anyone who missed them.

The theater is at the Universal City Walk (part of the Loews theater **KAUFMAN—Continued on page 7**

KAUFMAN—Cont'd from page 6
chain) just outside the Universal
Hollywood Theme Park. Their
webpage is:
<http://www.loewscineplex.com/location/s/ca/index.html>

They are now showing both films with two other 3D LF films for what they call "3D Madness - A Festival of Four 3D Films". Besides ALIEN And E3D, they are showing CIRQUE DU SOLEIL: JOURNEY OF MAN and T-REX: BACK TO THE CRETACEOUS.

Now about the anaglyph version of 3D MANIA - I saw this new version screened at the Large Format Cinema Association's conference in May. I must agree with others, that only diehard 3D fans should see this version. nWave had planned all along to make an anaglyph version of E3D. Which would enable them to make it available to all 2D and dome LF theaters.

nWave had completed a black and white version (except for the titles) for viewing with the normal red/cyan filters. At which point they discovered ColorCode 3-D®, which uses amber/blue filters and which Sirius film ApS:
<http://www.siriusfilm.dk> is marketing for "Full Color, true stereoscopic 3-D". The prints and internet images seem to work very well for this variation of the anaglyph. Even though my thoughts are "a rose by any other name".

The film version of 3D MANIA, had problems. It was for me the beginning of Excedrin headache #3D. Without the ColorCode glasses the screen on the image looked normal with a bright yellow glow and some blue/purple shadows, much like the website images at: The left eye image was the amber one and it seemed to be okay for viewing. The right eye image was very dark and when viewed alone, it seemed to only have images that were slightly offset from the left image and were only shadow images, with very little detail. I found my right eye was straining to see an image, but there was not a well-defined one for it to see, so more straining.

For those individuals not as lucky

as us to have so many 3D LF theaters, it is a good idea to make a LF film to play in the 2D LF theaters. Unfortunately this new anaglyph process doesn't seem to be the answer.

New Disneyland

Disneyland plans to open their new California Adventure park adjacent to Disneyland next year. With the opening of the new freeway off ramp on the 5 freeway, Disney announced that they would be drawing up plans for a third park near Disneyland. The third park will be a water park on land that Disney has control of near the current park. This is a mostly bare strawberry field that Disney had tried for year to purchase. Now with all the false starts and plan changes to the second park and disputes with other attraction owners in the Anaheim/Garden Grove area, I wonder if the third park will ever be built.

Disney's parks are now outperforming their films. This mainly due to the numerous increases in fees charged at the parks and the reduced film production schedule. Not to mention the recent addition to the parks where 'guests' are allowed to reserve a time to ride on a ride while they spend more money around the park, instead of waiting in a long line. As soon as Disney announced the third theme park, Entertainment Weekly lampooned "The only ride will turn you upside down and shake out any leftover money".

I am looking forward to the California Adventure theme park, it will feature the 3D attractions "It's Tough To Be a Bug" and "MuppetVision 4-D". When Disney opened the Muppet attraction at their Disney-MGM Studio Park, it signed an agreement that it could only play the film/attraction at that park. Luckily Disney was able to sign another contract with the new owners of the Muppets that allows them play the film here in California. I have been told the attraction will play just as it does in Florida, with only one change to the fiber optic fireworks towards the end of the show.

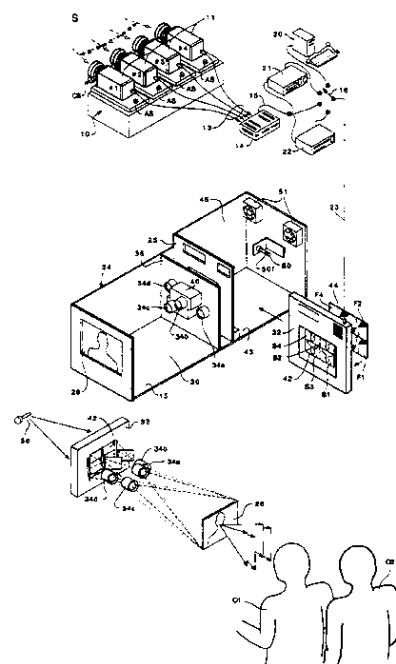
Disney had only announced the
KAUFMAN—Continued on page 8

ZONE—Continued from page 3
viewable with red/blue glasses. The 3D photo booth is ideal for theme parks and tourist attractions and Hines is licensing it for use in various locations around the world.

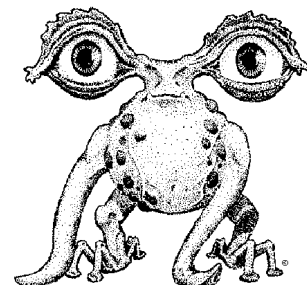
Steve Hines has been a very welcome visitor recently to the Stereo Club of Southern California. He has done much to assist the proliferation of stereoscopic images in a very public way and will continue to do so.

"Everyone should be shooting all their movies in 3D," he observes.

"People shouldn't always have to sit there and look at these flat things that hurt your eyes." For more information about Steve Hines and HinesLab visit: www.hineslab.com.



**HinesLab
Autostereoscopic
System**



BEREZIN—Continued from page 2



another Chinese company makes a lenticular camera with 7 lenses!

New 3D Video Camera Attachment by Canon

One of the “big-boys” seems to be getting into 3D. Canon recently announced that they were working on a 3D video attachment specifically for their Prosumer Mini-DV Digital Camera the XL-1. This attachment will offer automatic zoom, focusing and convergence. The convergence will be linked to the auto focus mechanism that will allow for easy handling. I called Canon for more details and they made sure to state “This is a concept lens, with no announced delivery date or pricing.”



KAUFMAN—Continued from page 7

opening date for their California Adventure theme park would be in February (they have now confirmed February 8).

Luckily, the Anaheim Tourism, Visitor and Convention Bureau has announced the New Anaheim Resort improvements. Disneyland off ramp off the 5 freeway and a new parking structure are now open. The upper levels of the parking structure will not be used until the new theme park is open. Mid-October will see the completion of the I-5 carpool lanes. November will see the Katella Ave. improvements completed. With the Ball Road and Disneyland Drive improvements following at the end of

Competitions Report

Hey! Where is Everybody, Anyway?

by *Chris Olson*

There were plenty of people at the meeting in September, but where was the SCSC competitive spirit? Kathy Day was away and Mike McKinney had the best excuse of all—he was on his honeymoon (I’m sure he picked a photographic location for November’s competition!). Susan Pinsky had an excuse along with Mitch Walker and Tony Alderson, they were all judges. So where were *your* slides Philip Steinman, Cassie Kaufman and Dick Howe? How about David Starkman? We know you’re running the projector but that’s no excuse for not entering! How about David Kuntz? I appreciate you working at the judging table but I saw no slides with your name there! So let’s see some competition! So grab your cameras everybody! Are you going to lay there flat and let Earl Colgan and James Comstock get the best of you by grabbing the awards with there multi-dimensional masterpieces?

Hats off to Robin Burks for capturing awards and honorable mentions in both conventional and non-conventional on the first go-round. Abe Perlstein gets the “Foiled Car Never Say Never” award for taking the trek down the 101 from Central California to the meeting and driving back with two awards in his pocket!

This is your November Competitions Director saying, “Let’s all be there. Aloha!”

A Group Conventional

	Sept
Earl Colgan	67
<i>HM: Sheep and Goat Herder #3</i>	
Abe Perlstein	67
<i>A: Flower Maiden</i>	
Lawrence Kaufman	66
James Comstock	64
<i>HM: Dash DeLight</i>	
Christopher Olson	64
Chuck Bernhardt	58
Dorothy Bernhardt	58

B Group Conventional

	Sept
Robin Burks	64
<i>A: Mirror Lake</i>	
<i>A: Zion Stone</i>	
Bob Phillips	60
<i>HM: Bag Lady</i>	
Bruno Lizzi	58

Non-Conventional

	Sept
James Comstock	74
<i>A: The Day Glow Group</i>	
<i>HM: When the Sky Called My Name</i>	
Gary Schacker	71
Abe Perlstein	67
Earl Colgan	64
Robin Burks	63
<i>A: Bryce Hyper</i>	
<i>HM: Aspen Trunks</i>	

November. The Anaheim Convention Center expansion should be complete by late December. The Grand Californian Hotel should open on January 2, 2001.

Downtown Disneyland should open on January 12. The I-5 freeway project should be complete by late January (finally!). Anaheim expects The grand opening of Disney’s California Adventure Theme Park to be on February 8, 2001. I am ready for two more of the best 3D attractions to open in Anaheim, how about you?

See you at the meeting!

3D News

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Mitch's Sketchbook



The Stereo Club of Southern California was founded in 1955 to promote the art, enjoyment and science of stereo photography. Meetings, which normally include 3D slide projections, are held monthly. Visitors are always welcome. Annual dues are \$30/single or \$40/dual (send to the Membership Director). The 3D News, with a total circulation of about 250 copies, is sent monthly to all members. Annual subscription for those not wishing to participate in Club activities is \$20, and foreign subscriptions are \$25 (send to the Treasurer). Everyone is encouraged to submit stereo-related news items, articles, art work or photo tips for the 3D News—deadline is the last day of the month (send to the Editor).

November						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

December						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30


Calendar of Events

- November 4** Movie Division meeting 7:00 pm at Longley Way School, 2601 Longley Way in Arcadia.
- Nov 16** Second Club competition and additional program. 7:30 at the Wilshire United Methodist Church, 711 South Plymouth Boulevard, near Crenshaw and Wilshire in the downtown area of Los Angeles.
- December 14** Remember that the annual Christmas Banquet will be held **one week early** this year (the second Thursday instead of the third Thursday) so as not to interfere with other Holiday functions. As usual, it will be held at Taix Restaurant, 1911 Sunset Boulevard, in Echo Park.
- Jan 18 2001** Yes, we've reached the Clarke/Kubrick magic year, 2001! We'll celebrate with a competition and special programs, just as we celebrate virtually every New Year. 7:30 at the Wilshire United Methodist Church, 711 South Plymouth Boulevard, near Crenshaw and Wilshire in the downtown area of Los Angeles.

Notes From the President

Auction Was Last Month's Highlight

by Steve Berezin

 Our last meeting had one event. Our annual club auction. It was a dramatic event with last minute over-bidding, sniping and everything one would expect in a highly charged auction atmosphere. I had a good time trying to bid up merchandise (for the good of the club of course, who get at least 10% of the proceeds) and ended up with a trunk full of 3D items. Somehow, when the dust settled I had every type of 3D viewer imaginable and a 2D picture of Lauren Bacall. Other interesting items were the Rota-Vuer which is a viewer which holds many stereo slides (I would have bought this but I got one last year ... still in box), a Belpasca, 10 other stereo cameras and 6 silver screens. Portions will go into the club treasury thanks to everybody that donated materials, bought items, ran auction items, worked the back table and to our club auctioneer David Starkman.

Slide Mount Mini-workshop

This coming month David Starkman will give a mini-workshop on mounting options of stereo slides. He will go over the mounts available today, expected future developments (plenty of news here) and some historical perspective on mounting.

PSA Inter-Club Competition

Thanks to the people that gave me slides for the inter-club competition. The inter-club competition is a PSA (Photographic Society of America) event where several clubs compete to get the most points in three events. Taking over as the PSA International Stereo Club Competition Director from Bill Papke is Floridian Steve Dudley. The judging of the first event will be at the In Depth Stereo Photography Club in New Jersey. Another event will be held in February and hosted by the Chicago Stereo Club. We will host the

final (May) competition! Thanks to Charley Van Pelt, Philip Steinman, Chris Olson and Ray Zone for getting slides for me to forward to the competition for the November event.

Second Club Competition

This next meeting will have our second club competition of the year so don't forget those slides. Remember bring three of your best slides that have not won awards or honorable mention in the previous years and have them judged.

Amazing Stuff by Tony Alderson

If you were amazed by Tony's workshop in September's meeting on 2D to 3D conversions you will be doubly (or triply—get it 3d) amazed by Tony's special show this meeting. Tony will have a series of slides probably including conversions, computer animations, photos and who knows what else!

Visit Our Website at <http://home.earthlink.net/~campfire/>

The History Zone

A stroll through the history of stereography with Ray "3D" Zone

Distant Stereo Visions

The Cascade Stereo Club of Portland, Oregon recently sponsored the world's first Internet Stereo Exhibition. The entries were all submitted over the internet and viewed by the judges in either cross-eye or parallel binocular freevision directly from the computer or television screen. Though the images of necessity were digital in nature as submitted, most of them originated as analog stereophotos.

For entry in the Internet Exhibition it was necessary to submit the stereo images in "triplet" form, as side-by-side stereo pairs except that the images were configured Left-Right-Left. That facilitated the judging in both cross-eye or parallel freevision. The award winning and accepted stereo pairs are now available for viewing online in their "triplet" form. Those who are interested can view them on the internet at :

<http://www.cascade3d.org/psa2000/results/CSC2000.html>.

As groundbreaking as the Cascade Internet Stereo Exhibition is, this is not the first time that stereoscopic images have been displayed in the side-by-side format on computer or television screens.



John L. Baird's 1927 3-D television using side-by-side stereo pairs

Taking the literal definition of "Television" (tele = distant, vision = seeing) we see the real utility and beauty of what the Cascade Stereo Club has achieved with the Internet Stereo Exhibition. They have facilitated the publication of

stereoscopic images over great distances using the latest most powerful form of tele-communication that we have.

On August 9, 1928, British television pioneer John Logie Baird transmitted side-by-side stereo pairs at his laboratories for the press using a 30-line spotlight system that displayed the left eye and right eye images alternately. At the receiver the images were displayed in rapid succession side-by-side and viewed through a prismatic stereoscope.

Shortly after these early stereoscopic experiments, Baird began experimenting with color television by scanning his subjects in an unlit studio using a sequential parallel strip of brilliant, pin-point light. A disc containing six segments with red, green and blue filters rotated in front of the beam of light. The beam was split with pairs of mirrors to record the subject from slightly different

ZONE—Continued on page 4



Stereoscopic pair of images photographed directly from the Screen of Baird's receiver on to Dufaycolor film in 1941

Auction Results

The Auction That Almost Wasn't

by David Kuntz

On the Tuesday night before October's meeting, Charlie Piper called me to ask if I would like to car-pool to the Club. It wasn't until that moment that I realized I would be out of town on Thursday, and unable to work as Cashier for the auction. However, after calls to Susan Pinsky and Kathy Day, I had the Cashier's duties covered, and Kathy even generously volunteered to come pick up all the auction paraphernalia at my house the next day.

From the reports of those who attended, I understand that the auction ran as smoothly as ever. Susan and Kathy were joined by Cassie Kaufman at the Cashier's table, while David Starkman again performed as Auctioneer; Chris Olson, Steve Berezin, Philip Steinman and Lawrence Kaufman also helped out.

The bottom line—this was actually a relatively small auction. A total of 89 lots were sold, versus 108 in 1999 and 118 in 1998. But the donation of a Roto Vuer to the Club by a former member, together with the perennial generosity of Erick Purkhiser, who donated 25% of his proceeds to the Club, combined to keep our overall take of \$830 on a par with previous years.

Thanks again to all who participated and helped out, with special gratitude to Susan Pinsky and Kathy Day for filling in on such short notice.

Auction Results

Belpasca Stereo Camera & Case.....	\$600
View-Master Stereomatic 500 Projector	\$285
Stereo Realist 2.8 & Case.....	\$240
Illoca Stereo Rapid 2.8 Camera.....	\$200
Roto Vuer & Tray.....	\$200
Stereo Realist 3.5 (German Lenses) & Case.....	\$180
Kodaslide II Stereo Viewer.....	\$100
Ilex Paragon Realist Stereo Camera & Case.....	\$100
Kodak Stereo Camera & Case.....	\$85
Realist Green Button Viewer.....	\$70
Stereo Nudes (24).....	\$70
View-Master Viewer, 36 Reels & Box	\$68
Slide Case & Slides	\$62
Stereo Slides (150)	\$54
Wonders of the Stereoscope Set.....	\$50
Tiffin Stereo Realist Filter Set & Case.....	\$50
Three Dee 8 Slide Sequential Viewer	\$50
Stereo Realist Mounting Kit.....	\$41

Star D 3-D Viewer.....	\$40
Tru Vue Case, Viewer & 12 Filmstrips.....	\$33
Fotocrest Projector Stand	\$32
View-Master Reels (83) & Box.....	\$32
Stereo Nudes.....	\$30
Tru Vue Case, Viewer & 12 Filmstrips.....	\$29
Stereo Cards (35).....	\$27
Stereo Slides (17)	\$27
Kodaslide I Stereo Viewer.....	\$26
Tru Vue Case, Viewer & 12 Filmstrips.....	\$25
Assorted Slip In Mounts.....	\$25
EMDE Binder Frames (50)	\$25
Stereo Slides (29)	\$21
View-Master Viewer	\$20
3D IQ Card Sets.....	\$20
Coronet 3-D Camera.....	\$20
Abrams Stereo Viewer	\$18
Stereographs	\$18
Stereographs	\$18
Stereographs	\$17
EMDE Closeup Masks	\$16
Civil War in Depth	\$16
EMDE Normal Masks	\$15
EMDE Medium Masks (2 Boxes)	\$15
California in Depth	\$15
Stereographs	\$15
3-D Hollywood.....	\$13
Twin Camera Bar	\$12
Lenticular Moses	\$12
Stereo Realist Camera Case.....	\$11
Viewer Light Attachment.....	\$10
True Vue Viewer & 4 Filmstrips.....	\$10
Da-Lite Projector Screen Stand.....	\$10
Screen	\$10
Screen	\$10
3-D Collector Cards & Nascar Replicas.....	\$10
Stereo Slide Box	\$10
Realarama Viewer	\$10
3-D Slides	\$10
Reality 4 Lens 3-D Camera	\$10
View-Master Viewers (2).....	\$10
Stereographs	\$10
True Vue Filmstrips (2).....	\$10
Stereo Realist Sorting Box	\$8
EMDE Ultra Closeup Masks	\$8
Expanding Print Viewer	\$8
3-D Stargazer's Guide	\$7
View-Master Manual.....	\$6
Small Flash	\$6
Self Timer	\$6
Master Photo Guide.....	\$6
Carousel Trays (8)	\$6
Slide Viewer	\$5
Lens Cap	\$5
View-Master Viewers (5).....	\$5
Stereo Realist Case Bottom.....	\$5
Lens Board.....	\$5
True Vue Viewer & 1 Filmstrip	\$5
View-Master Talking Reels (8).....	\$5
View-Master Keychain, Muppets Reel	\$4
Rocketeer 3-D Comic & Audio Tape.....	\$4
New York in 3-D Anaglyph	\$4
Stereographs	\$3
Small Tripod.....	\$2

AUCTION—Continued on page 8

ZONE—Continued from page 3



James Butterfield shows mirror 3-D TV glasses to two models in 1955

positions for stereo, and a revolving shutter ensured the left-eye and right-eye views were transmitted alternately.

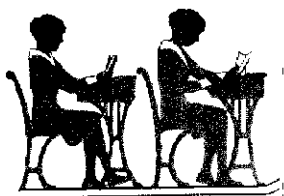
The receiver was a black-and-white 500 line display—100 lines interlaced five times- with a repetition rate of 150 frames per second, and horizontal scanning. The display added color to the side-by-side stereo pairs with a rotating color filter disc synchronized to the studio scanner.

On December 18, 1941, journalists sat in turn before Baird's image-forming lens and saw the first stereoscopic television pictures in color to be seen anywhere in the world. An editor of "Electronic Engineering" magazine was present and photographed the color stereo pair directly from the screen of Baird's



A model views stereo pairs on TV

ZONE—Continued on page 8



News and Notes from the SCSC Clubhouse

by Lawrence Kaufman



Reminder: The December meeting will be one week early, on December 14th! So Marvin will need any contributions early and it is very likely that the 3D News will not arrive until after the December SCSC Holiday banquet. This may be your only reminder, so mark your calendar and contact Mitch to purchase tickets for our December holiday get-together.

NSA Convention in Riverside

SCSC is now busy planning for the National Stereoscopic Association 2002 convention that we will sponsor. Being held in Riverside, California in July of 2002. We need volunteers for all jobs. Our first big job is to put together the Welcome to Riverside slide show that will be presented at the 2001 NSA convention that will take place in Buffalo, New York next July. We need slides of the Inland Empire and Los Angeles areas to help let folks who will be visiting us know what to look forward to seeing. More on the planning will appear in future issues of the 3D News. Contact Lawrence Kaufman with ideas and to volunteer.

Storage unit for SCSC

SCSC now has a storage unit (locks still need to be added) in the church to store our equipment between meetings. Space is still limited, but this should help out a lot with getting set up for the meetings. Thanks to everyone who helped with the transportation and setting up of this new unit. A great big THANKS to James Comstock, Dave Washburn, Bruno Lizzi and Cassandra Kaufman.

SCSC Logo Slide

David Kuntz will again make the SCSC stereo logo slide available in the very near future. It has been some time since David made copies of this great slide available to our members. All the proceeds go to SCSC. Let David know if you are interested in purchasing one or more copies of our

fabulous club logo slide. Sign up at the meeting, if you are interested or contact David directly.

October 3D Movie Screenings

The Silent Movie Theatre, the only silent cinema in the USA, did a fabulous job presenting DIAL M FOR MURDER and HOUSE OF WAX in 3D in October. The Stereovision side-by-side anamorphic prints were not brand new, but HOW was in wonderful shape. The theatre purchased a new silver screen for these screenings. The theatre and the screen size are both relatively small, but the images were bright and sharp. The theatre cannot run twin-strip films due to certain limitations in the booth area, but it was wonderful seeing both of these films with almost packed auditoriums. They did not have a Saturday night late screenings of THE STEWARDESSES in 3D. The Egyptian Theater in Hollywood is currently planning to run some 3D films next spring.

Magazines w/3D

You might still be able to pick up the special Sports Illustrated Olympic Commemorative Issue in 3D. I have been able to find them everywhere, but others are having trouble. It should be on sale until November 10th and then can be purchased as a back issue. The Special Olympic Commemorative Issue Sports Illustrated Issue is great. As expected, Dave Klutho did another magnificent job! All full color anaglyphs, including cover, 8 double page sport spreads, 2 double page spread ads, 4 single pages sports, and 2 single page ads, and 1/4-page of David Klutho with the RBT camera setup. Great depth and color, all for only 3.99!

It is not the only GAME in town though. The December issue of Astronomy magazine also has a nice section devoted to 3-D. A friend who is a subscriber, told me that the pictures are some of the best 3D she

has seen in a magazine. The front cover is printed "3-D UNIVERSE" in big letters, underneath that, it mentions there are 28 breathtaking photos and in the left hand corner it says "Free 3-D Glasses." It comes with two pairs. The anaglyphs are well worth checking out.

My review of the new CyberWorld 3D will appear in the next issue of Stereo World magazine. The review will include some stereo pairs that IMAX was able to supply. I have seen many reviews on this film. One of the best reviews appears in Animation Magazine's October 2000 issue. Also in the same issue is a "3D extra" which includes a piece on the C-3D television station.

DDD

The most recent outing for the Stereo Club of Southern California and the National Stereoscopic Association was held on October 10th. Dynamic Digital Depth (DDD) opened up their new Santa Monica facility for a visit on October 10th. Members and their guests met at DDD at 7:00 PM with Phil Harman, DDD's Chief Technology Officer for a speech and a demo. Unbelievable, would be the word that best describes what we saw. And truly, the more I saw and heard people who were there trying to explain what we saw, the more I saw people who did not believe. Their processes have to be seen—to be believed. Who would have ever believed that there could be 2D to 3D conversion in real-time for television broadcast?

This was a rare opportunity to see some great state of the art work that is being done in 3D. Dynamic Digital Depth's mission is to be the world's leading provider of 3D technologies and services. DDD is well on their way to this goal. DDD's DeepSee™ conversion technology has enabled 2D footage to be converted to 3D for motion pictures and live television
KAUFMAN—Continued on page 6

KAUFMAN—Continued from page 5
broadcasts. DDD is delivering 3D on the Internet, on television, in motion pictures, on DVD, everywhere!
<http://www.ddd.com> I hope the word got out to everyone who might have been interested in this outings.

Phil Harmon explained in great detail what and how the company is proceeding with their plans. We were able to see some great autostereoscopic displays, one monitor with a holographic filter and one with a lenticular screen. We were also treated to the 3D video presentation from Intel from last years SIGGRAPH conference and DDD's new 90 second promo reel. The presentation was very enjoyable. DDD certainly has a lot of capabilities in several areas.

Tony Alderson said it best, when he described what we saw at the outing:(On) the field trip our Stereo Club of Southern California took to the offices of DDD. A few weeks ago, if asked (and I was!), I would have said conversion of 2D movies to stereo would be disappointing, at best, with today's technology. I went to the DDD demo expecting to see a few cardboard planes in poor depth relationship. I was quite surprised. These guys actually can convert 2D movies to 3D. The process is not perfect...some shots have anomalies that give the conversion away, but many are quite good, and indistinguishable from original stereography.

It is not an automated process; there is no "Make 3D" button. Human operators still have to create a depth map for at least the first and last frames of a cut. I suspect more than that is required, as objects enter and leave the frame. Yet, given these depth keyframes, they do have intelligent software to track and interpolate the in-betweens. They estimate within a year the process will be economically viable: about the same cost as adding the embedded subtitles for second languages or the hearing-impaired. (I'm a little skeptical, but I didn't think they could do this at all!)

Even more astonishing, they have developed a format for 2D/3D compatible transmission. They embed a depth map in the 2D image, and

convert to stereo in real time, using hardware in a settop box. This means they have developed remarkable displacement software, much better than Photoshop's, to wrap the background elements underneath the foreground. (Try this! Most "3D" software will generate a grayscale depthmap; try taking the 2d image and map into Photoshop and make a stereo pair with the displacement filter. The edges will tear and wreck the stereo if you go very far.) And the depth map only adds one or two percent to the file size! I feel like I've been to a great magic show—I know you can't saw a woman in half, or catch a bullet in your teeth, or pull the nine of diamonds out of a hive of bees, but dang if they didn't do it! Talking to the head geek, it's quite clear he has dealt with the issues; even most 3D people don't understand right off the technical problems of stereo conversion. This is a company to watch. For fast connections and current browsers (requires Flash plug-in): www.ddd.com For slower connections: www.ddd3d.com. You should go see a demo of Dynamic Digital Depth's technology ... talking to Phil Harman, he really seems to understand and have dealt with the problems of stereo conversion.

C-3D Television's Future Plans

It seems no sooner than we had our tour of the C3D Television Network, the world's first and only broadcast network to offer stereoscopic 3D programming and they had announced their plans for their fall 2000 schedule, came another announcement. On Monday, October 2nd C3D Digital announced restructuring and they refocused operating divisions. Chequemate International Inc. (AMEX: DDD), doing business as C3D Digital Inc. announced a major restructuring which refocuses its business units to assure operational efficiencies. Each of its three divisions; C3D Television, 3D.COM and Hotel Movie Network, has taken measures to reduce costs which are expected to result in significant annual savings of approximately \$9.4 million. In addition, consolidated revenues are increasing and combined with the cost

reductions, they are expected to lead to near term operational profitability.

The C3D Television division is changing its focus from content production for the 24/7 television network, to the execution of Pay Per View events and other licensing and distribution agreements of 3D video content. This comes after the successful production of over 60 hours of quality stereoscopic 3D video content, which will be used on the 3D Television Network. Also, over 1,000 hours of 2D video content has been licensed, which can be used either in standard distribution or for conversion into 3D for use on the 3D Television Network.

The 3D.COM Internet division is increasing its focus on revenue generation and will now operate at break even or with profitability. 3D.COM in recent months has been developing important Internet infrastructure to support increased Internet revenues. They have also been working to upgrade a key Strata software product, which is developed, maintained and supported by this division.

"As a result of these actions, we believe that C3D is better positioned today to accept the challenges going forward to exploit the 3D marketplace. The window of opportunity is opening for us to shift our focus from platform creation to implementation and generation of increasing revenues and earnings," stated C3D Chairman and CEO, J. Michael Heil. For more information about C3D Digital, visit c3ddigital.3d.com

Immediately following this press release, shares in C3D Digital Inc. hit an all-time low of \$1. CEO J. Michael Heil said the company hasn't decided whether it will pull the plug on the network, which only has carriage deals with a few small cable systems. C3D is now pitching cable operators a pay-per-view 3D version of the Sports Illustrated swimsuit-edition video, which the company licensed from the magazine, Heil said. The firm also plans to demonstrate a glasses-free 3D product by the end of the year, Heil added.

KAUFMAN—Continued on page 7

KAUFMAN—Continued from page 6

Chad Greulach, a top executive at Chrysalis Entertainment Inc., hopes cable and satellite subscribers will soon see something else flying out of their TV screens: body parts.

Chrysalis plans to distribute the first 3D adult pay-per-view movie this January. Chrysalis plans to offer adult programming through two Web sites, deeppictures.com, and a gay site, deeppicturesman.com.

Upcoming camera shows:

The Buena Park Camera Expo

America's Largest Monthly Camera Show, with Over 200 tables of photo equipment. The show is held at 7530 Orangethorpe (between the 5 and 91 freeways at Beach Boulevard) in Buena Park. New show hours are 9:30am to 2:30pm, \$5 admission, free parking has returned! For more information call: (949)786-8183 or (949)786-6644. Future dates: November 19th, December 10th, January 21st and February 18th. Check their website:

www.cameraexpo.com or email them at: cameraexpo@yahoo.com.

The Buena Park show has begun to offer free seminars (with paid admission, I believe). In November they will feature Greg Rager presenting an introduction to Close-up photography. Talking to a couple of camera show dealers, they feel that the future of camera shows is very iffy. So you might want to check them out, while you still can.

Bargain Camera Shows

- Pasadena Camera Show. A 'Bargain Camera show', Pasadena is held at the Pasadena Elks Lodge, 400 W Colorado Blvd., 134 Freeway. to Orange Grove S. 10am - 3pm. Often held on the 2nd Sunday of the month. There is a show scheduled for November 12th. Call number below for dates.

Other locations often include: The West Los Angeles Bay Area Camera Show and Sale, held periodically at the Wyndham Garden Hotel, 5990 Green Valley Cr., Take the 405 Freeway to Supulveda N, near Fox Hills Mall. And The Riverside Camera show, held at the Elks Lodge, 400 W. Colorado Blvd. For more information about these and other

'Bargain Camera shows' contact Anton, Bargain Camera shows, PO Box 5352, Santa Monica 90409, (310)578-7446.

Upcoming PSA Exhibitions

This list is featured each month in the PSA Journal. If you are not a PSA member, you should really think about joining. Visit their website at: <http://www.psa-photo.org> PSA approved means that those acceptances earned in these exhibitions count towards PSA Star ratings and the PSA Stereo Who's Who list (for PSA members). However, PSA, ISU, nor NSA membership is required to participate in these exhibitions. They are open to all photographers worldwide.

The PSA Stereo Division's website: <http://members.aol.com/psastereo> has a number of current Exhibition entry forms, this is a valuable service and will make finding entry forms easier for all of us. Closing dates and contacts for upcoming PSA Stereo Exhibitions:

- 3rd Royalpalm International Exhibition of Stereo Photography. Format: Slides and cards. Closing date: December 2, 2000. Contact: Jack Covey, FPSA, 254 Riverwood Rd, Naples, FL 34114-3938 USA or Email: alshetley@hotmail.com Exhibition entry forms on the PSA website: <http://members.aol.com/psastereo> N.Amer.-\$5, Others-\$6 (Piggyback discount available).
- 3rd Hollywood Stereo Card Exhibition. Format: Stereo Cards. Closing date: Jan 18, 2001. Cards - David Thompson, 400 Jasmine, Brea, CA 92821. SCSC website: <http://home.earthlink.net/~campfire> Cards- Email: DLT4WD3D@aol.com USA-\$9, All others (including Canada) -\$11.
- 43rd Hollywood Stereo Slide Exhibition. Format: Stereo Slides. Closing date: Jan 18, 2001. Mitchell Walker, PO Box 8834, Universal City, CA 91608-8834. Slides-Email: mitchbear@earthlink.com USA-\$9, All others (including Canada) -\$11.
- Oakland. Formats: Slides and cards. Closing date: January 22, 2001. John Bonwell, 1904 Linwood Way, San Leandro, CA 94577-6218 USA, N.Amer.-\$6, Others-\$7.
- Delaware. Formats: Cards, anaglyphs, over and under pairs or lenticular prints. Closing date: Jan. 22, 2001. L. T. Maniscalco, 1304 Oberlin Rd., Wilmington, DE 19803-5110 USA. Email: Ltmphoto@juno.com N.Amer.-\$7 (reduced fee available), Others-\$7.
- Wichita. Formats: Slides and cards. Closing date: March 12, 2001. Mary Ann Rhoda, FPSA, 2511 E. Funston, Wichita, KS 67211-4629 USA. N.Amer.-\$6. Others-\$7.
- Southern Cross. Format: Stereo slides. Closing date: March 23, 2001. Nancy Moxom, 46 Glenayr Ave., West Ryde, N.S.W. 2114, Australia. Email: raymoxom@tpg.com.au N.Amer.-\$8 US, Others- \$10 Australian.
- Ohio (new) - 1st Cleveland Stereo Exhibition. Format: Stereo slides. Closing date: April 14th, 2001, James R. Motley, 2721 Oak Park Ave., Cleveland, OH 44109 USA. email: jmotley3d@ameritech.net N.Amer.-\$5, Other-\$6.
- ***The 6th View-Master International Stereo Sequence Exhibition. Format: View-Master reels. Closing date: June 8, 2001. Lawrence Kaufman, 1607 Mariposa Drive, Corona, CA 92879-1121. Email: kaufman3d@earthlink.net USA-\$7, All others-\$9.
- ***The 9th PSA Nonstar Stereo Exhibition. Format: All formats, all mediums - slides, cards, View-Master, Lenticular. Closing date: October 15, 2001. Open to stereo photographers who have not qualified for a star rating. A great exhibition for beginners, now is a great time to get started entering exhibitions! Acceptances do not go towards a star rating. Contact: James R. Roy APSA, 2902 Peyton Randolph Drive #202, Falls Church, VA 22044 (703)536-3926. email: jimroy3d@juno.com Exhibition entry forms on the PSA website: <http://members.aol.com/psastereo> Cost: (probably) \$3.00

*** not yet listed in the PSA Journal.

See you at the meeting!



The holidays are upon us and we'll full of holiday cheer,
With the family in town and the children all near.
We think of our friends and all that can be,
but on December 14th where will you be?

Will it be at our Annual Stereo Club Holiday Banquet?
I hope so. Come join the fun and Camaraderie.
Good food, door prizes and a fantastic Stereo Slide program.
Where you might ask?

Taix French Restaurant. on Thursday December 14th at 7:00 p.m.
Tickets are \$20 advance and \$25 at the door. For more information.
Contact: Mitch Walker at 310-459-1030 or email at
mitchbear@earthlink.net

ZONE—Continued from page 4
receiver onto Dufaycolor film to record the event.

John L. Baird died on June 14, 1946 leaving his color TV work unfinished. At the time of his death he was experimenting with a special cathode-ray tube for stereoscopic television which used an internal revolving fluorescent screen. Nine years later, 3D TV pioneer James F. Butterfield broadcast side-by-side stereo pairs on a daily basis in Mexico. The TV screen was split with left-eye and right-eye images running side-by-side which were viewed with unique prism glasses that fused the two images into 3D.

Numerous experiments in Russia have taken place over the years with stereoscopic television. In his book "Stereoscopy" Nikolai Valyus writes (p. 245) that "the simplest method of making a television picture three-dimensional is to have two television cameras at the transmitting end and two receivers at the other and to use two channels...(one for the left and one for the right picture)." Valyus notes, however, that "such a solution is not technically acceptable."

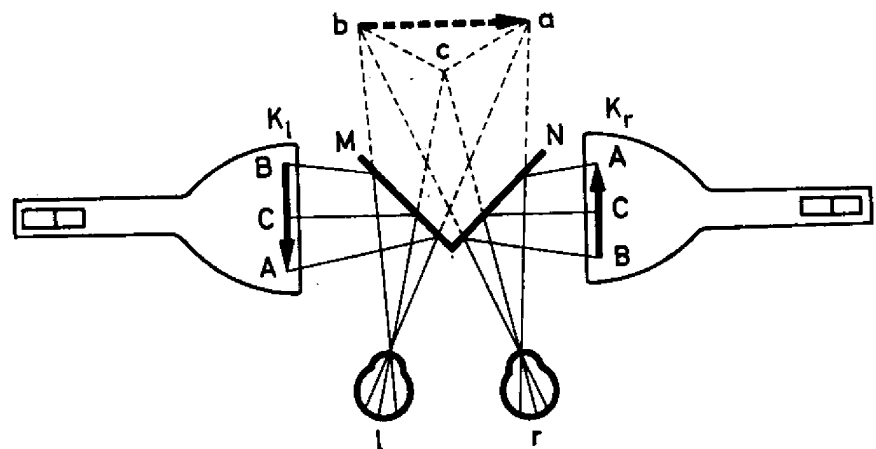
Valyus then proposes (p. 246) "The transmission of two images of the stereopair may be made by a television camera having a single tube. Then the left and right images

may be transmitted simultaneously if they fall within a single frame, or if they fall alternately upon the same tube." The beauties of a unified system displaying a stereo pair seem obvious. With the "triplet" form, The Cascade Stereo Club has created a flexible autostereoscopic alternative for electronic dissemination of the 3D image.

References: Herbert, Ray "Color Stereo TV in '41," *Electronics World*, January, 1998; Hutchison, David, *Fantastic 3D*, Starlog Press: 1982; Valyus, Nikolai, *Stereoscopy*, Focal Press: 1966; **Cascade Stereo Club:**
<http://www.cascade3d.org>

AUCTION—Continued from page 4

Kelloggs 3-D Cards	\$2
View-Master Junior Projector	\$2
Flashbulbs (11)	\$1
Folding Autographic Camera	\$1
Flash Attachment.....	\$1
Film Boxes (4).....	\$1
Da-Lite Screen.....	\$1
Auction Total	\$3,400
Club's Proceeds	\$830



Observation of a stereoscopic television picture from two tubes K_L and K_R by means of a mirror stereoscope

3D News

VOLUME XLV #6

DECEMBER 2000

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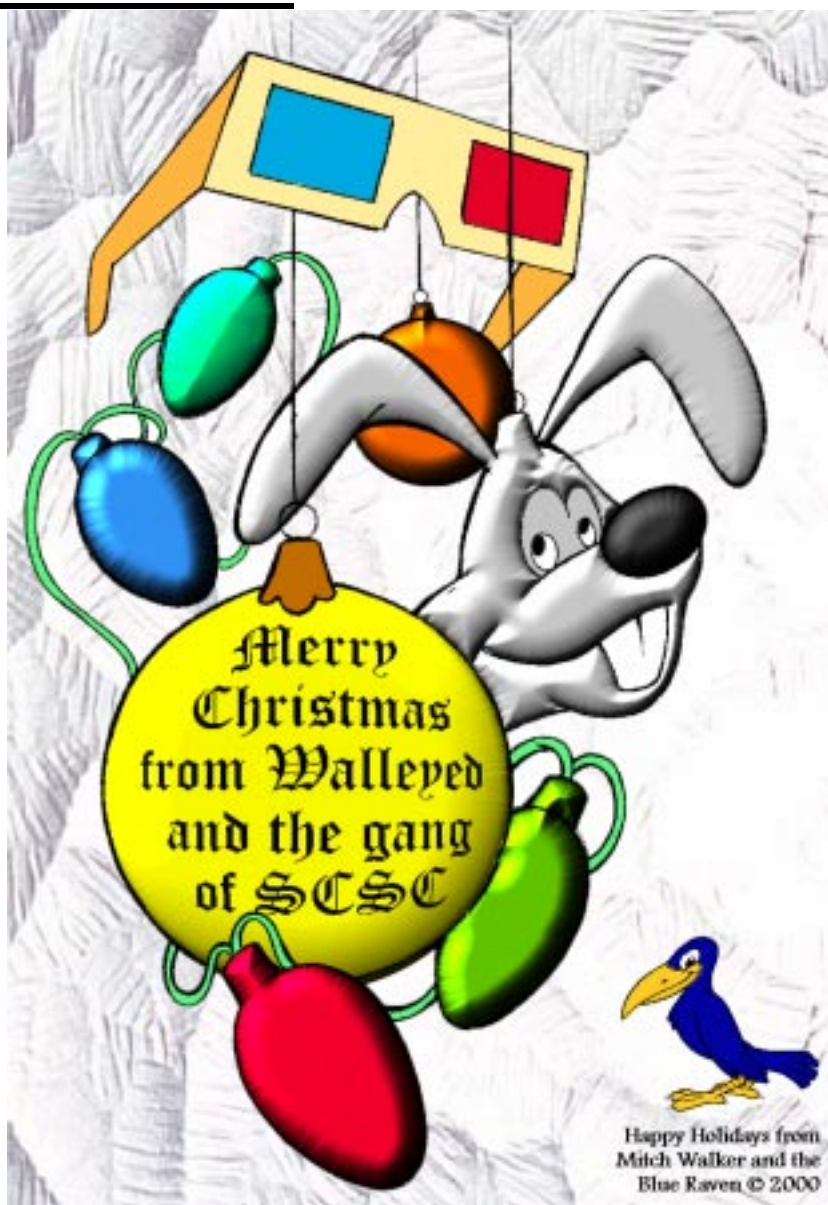
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Mitch's Sketchbook



The Stereo Club of Southern California was founded in 1955 to promote the art, enjoyment and science of stereo photography. Meetings, which normally include 3D slide projections, are held monthly. Visitors are always welcome. Annual dues are \$30/single or \$40/dual (send to the Membership Director). The *3D News*, with a total circulation of about 250 copies, is sent monthly to all members. Annual subscription for those not wishing to participate in Club activities is \$20, and foreign subscriptions are \$25 (send to the Treasurer). Everyone is encouraged to submit stereo-related news items, articles, art work or photo tips for the *3D News*—deadline is the last day of the month (send to the Editor).

December						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

January						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Calendar of Events

- November 4** Movie Division meeting 7:00 pm at Longley Way School, 2601 Longley Way in Arcadia.
- Nov 16** Second Club competition and additional program. 7:30 at the Wilshire United Methodist Church, 711 South Plymouth Boulevard, near Crenshaw and Wilshire in the downtown area of Los Angeles.
- December 14** Remember that the annual Christmas Banquet will be held **one week early** this year (the second Thursday instead of the third Thursday) so as not to interfere with other Holiday functions. As usual, it will be held at Taix Restaurant, 1911 Sunset Boulevard, in Echo Park.
- Jan 18 2001** Yes, we've reached the Clarke/Kubrick magic year, 2001! We'll celebrate with a competition and special programs, just as we celebrate virtually every New Year. 7:30 at the Wilshire United Methodist Church, 711 South Plymouth Boulevard, near Crenshaw and Wilshire in the downtown area of Los Angeles.

President's Message

Last Meeting Brings Fond Memories of Library Offerings

by Steve Berezin

Our last meeting included a special treat of Tony Alderson giving a slide presentation of his 3D conversions and some other slides. I remember my first experience viewing Tony's work. I had just started going to the club, (it's a haul from Orange County and requires a bit of planning), and decided to take out some slides from the Club library. This is a little known benefit to club membership we have several (8-10?) 100-slide sets of earlier members' work to view and possibly get creative ideas from. I was at home leisurely viewing through a stack when of mostly travel slides from Europe when one slide basically blew me away. It was a computer-generated shot of dolphins jumping through hoops in outer space. It was one of those slides that is so good you have to look at it again and again then I

showed it to my wife and my neighbors. On the slide was written 'Slide of the Year'. This led me to believe that I was not the only one who shared this opinion.

This slide was not in this month's show but Tony's show included some incredible conversions. He had made some 3D conversions for trading cards that were done in conjunction with the release of the movie Star Wars. These included many familiar shots of the movie and some done for 3D comics. One was done for an optometrist to measure stereopsis in children. The child would point to where the clown was. Tony also showed slides of some of the movie sets he worked on.

David Starkman gave a mini-workshop on slide mounts. He detailed the evolution of mounts from the early metal varieties to the RBT mounts that are made from plastic. He

also went over paper mounts currently offered and soon to be offered by Reel-3d and Rocky Mountain Memories. Helpful handouts that were originally made by the Ohio Stereo Club were distributed.

A slide competition was held, Chris Olson's article below will give more details.

December Meeting—Banquet

Bring Holiday Slides!!!

For our Holiday Banquet Gary Schwartz will be presenting his 'Monsters of Paris' slide show and members will be encouraged to bring 3-4 of their own slides for a potpourri showing. Please bring holiday or colorful slides. Contact Mitch Walker for tickets to the event. Ray Zone also promises a bonus surprise program, time permitting.

Visit Our Website at <http://home.earthlink.net/~campfire/>

The History Zone

A stroll through the history of stereography with Ray "3D" Zone

Edwin S. Porter—The Artistic Mechanic

Edwin S. Porter (1870-1941) is primarily known as the director who filmed and edited *The Great Train Robbery* (1903) which with its use of innovative editing helped establish cinema as a storytelling art. Porter made many films and is instrumental in motion picture history. Employed by Thomas Edison, Porter manned the Vitagraph projector at Koster and Bial's in New York on the night of April 23, 1896 when the very first movies were projected on a screen in the United States.

What is not generally known is that Porter, working with William E. Waddell, also made stereoscopic motion pictures. These 3D movies may have been the first to have been projected on the screen for the public in the United States. Adolph Zukor, one of the founders of Paramount Pictures and a movie pioneer who inaugurated feature-length films in the early years of the motion picture, hired Porter to work at his Famous Players Film Company in 1913. In his 1953 autobiography *"The Public is Never Wrong,"* Zukor wrote about his years working with Porter. "Porter, was, I have always felt," wrote Zukor, "More of an artistic mechanic than a dramatic artist. He liked to deal with machines better than with people."

On June 10, 1915 Famous Players released three anaglyphic

films shot by Porter which played at the Astor Theater in New York. R.M. Hayes in his book *"3-D Movies"* (McFarland, 1989) states (p. 3) that these films were released as "three one-reelers in single strip anaglyphic duo-color." Zukor, in writing about Porter's 3D filmmaking, recalls differently. "It may come as a surprise, with all the current excitement about three-dimensional films, that Porter was experimenting with them nearly forty years ago. He used two cameras, just as two or more are used now, [1953] and threw pictures on the screen by means of two projectors. He had made a lorgnette with red glass for one eye and green for the other. Seen with the naked eye, the pictures were a hopeless swirl. The lorgnette gave them three dimensions."

The three anaglyphic one-reelers consisted of two travelogues, "Niagara Falls" and "Rural America" and a third reel was a sequence from a popular play of the time, "Jim the Penman." Famous Players released "Jim the Penman" as a flat B&W feature and it is very likely that only in its New York playdates was it projected with the anaglyph sequence.

Color motion picture processes at the time largely consisted of hand dyed film or rotating color wheels



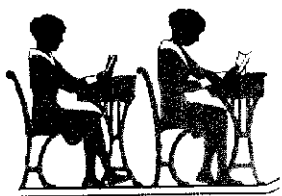
Edwin S. Porter, 3-D Filmmaker

used with B&W panchromatic film. Several color processes at the time did use separate lenses on the camera. In *"Motion Picture Making and Exhibition"* (Charles Thompson, 1914), John B. Rathbun wrote, "Since the ordinary two color motion pictures are often taken with a double lens camera it is sometimes possible to obtain stereoscopic effects with colored glasses as one lens only takes greens and the other, reds. This is most prominent with the use of alternate projection." Direct color photography was in its infancy, however, and it would be six years before Technicolor was to perfect its cemented positive Two-color process. So it was very likely that the anaglyph one-reelers were projected through red/green filters using two interlocked projectors, as Zukor suggests. Porter certainly would have been capable of machining interlock devices for both stereoscopic cameras and projectors.

Zukor's entertaining autobiography was written just as the *ZONE—Continued on page 8*

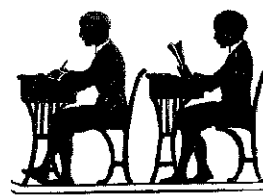


"Jim the Penman," shot in dual-camera 3-D by Edwin S. Porter was released in anaglyph by Famous Film Players Company in 1915.



News and Notes from the SCSC Clubhouse

by Lawrence Kaufman



Be sure to pass along any 3D news to Marvin Jones. He would love your contributions to the 3D News. If you know of, or read about something 3D, pass it onto Marvin. The contact information is on the cover. But don't wait until the deadline, which is the last day of the month.

SCSC Website

The best stereo club website just got better! Our editor and webmaster Marvin Jones reports that he has reprogrammed the picture gallery on the SCSC website. The gallery had been using V-Rex's Depth Charge to create 3D images, but this was only available for Windows, and their long-awaited Mac version will likely not be available any time soon. Now the site uses a Java program called StereoScope, which does almost exactly the same thing and has the advantage of being cross-platform and not requiring special acquisition and installation. Next up is the addition of some new images. Check out the "new and improved" gallery, the SCSC website URL is listed on page two.

DDDesign 3D Links Updated

The SCSC website has a neat feature in its add your own link page. Anyone can add a link to their website or any other interesting website. Among the group is the 3D By Dan Shelley website. Earlier this year Dan completely redid his website in a new format. The 3D By Dan Shelley website has its own 3D links section. It is up to date, links have been checked and Dan adds new links when he has time. The links page uses the new graphical style and is the most complete site of its kind on the World Wide Web.

Dan appreciates any and all feedback about his link pages. Let him know what you think, good or bad as it all helps to make sure that he is providing the best possible service

to the 3D community and the world at large. Have a look at: <http://www.dddesign.com/3dbydan/3dlinks> Eventually there will be a very nice on-line store and his book list will be updated, and be more functional as well. There will also be well over 300 stereo images there in the near future.

NSA Convention in Riverside

The NSA Riverside 2002 convention does have a website, which Steven Berezin has done a nice job setting up, you can locate it at: <http://www.3dgear.com/NSA>. If you get a chance, check it out. SCSC is now busy planning for the National Stereoscopic Association 2002 convention that we will sponsor. Being held in Riverside, California in July of 2002. We will need volunteers for all jobs. Our first big job is to put together the Welcome to Riverside slide show that will be presented at the 2001 NSA convention that will take place in Buffalo, New York next July and the ISU World Congress that is being held in Sydney, Australia in September. We need slides of the Inland Empire and Los Angeles areas to help let folks who will be visiting us know what to look forward to

seeing. More on the planning will appear in future issues of the 3D News. Contact Lawrence Kaufman with ideas and to volunteer.

SCSC Logo Slide

David Kuntz has again made the SCSC stereo logo slide available. It has been some time since David made copies of this great slide available to our members. They are limited and they are going fast. All the proceeds go to SCSC. Contact David Kuntz if you are interested in purchasing one or more copies of our fabulous club logo slide. Refer to the masthead on the front cover of this 3D News.

M&Ms at the Movies in 3D

Another great candy dispenser is for sale this holiday season. The folks at M&M/Mars have come up with a cool 3D candy dispenser featuring their animated M&M guys sitting in theater chairs at the movie theater with anaglyph glasses on. They are for sale directly from M&M world for \$18.00, plus \$5.95 shipping for a total of \$23.95 Their toll free number is 1(800) 848-3606. They are also available on eBay (\$30.00), at Target (\$12.99), Wal*Mart (\$10.99) and discount stores (\$8.99).



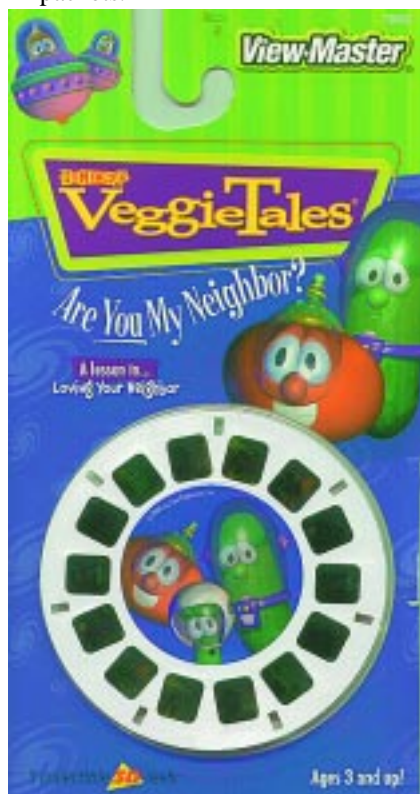
Red and Yellow are at the movies with their very own 3D glasses. The eye-popping 3D movie gets a thumbs-up from Red and scares Yellow right out of his shell. They produced a limited number of black theater seat dispensers (one per location), most of the dispensers have blue seats. They are really neat! Makes a super holiday gift for any 3D fan or anyone else on your shopping list.

View-Master News

When you are at Target, check for the newest VM hot translucent color Virtual 3D viewers (see 3D News, October 2000) and the new "Veggie Tales" VM reels package. The "Magic Box" reel set is now at Toys R Us. SCSC president Steve Berezin has the Helsinki 2000 VM reel /book set for sale.

Don't forget about our own vice president Charley Van Pelt who is the best source for scenic VM reels. Some other VM items available from Charley that you might want to check out are:

- New revised, reissued and updated New York City and Las Vegas VM packets.



- Disney Classics reissued and computer enhanced Bambi, Pinocchio, Lady and the Tramp and other titles available soon.
- The classic model 'L' VM viewer, no longer available in toy stores. Rerun exclusively for tourist attractions in blue instead of the traditional red color.

Upcoming camera shows

The Buena Park Camera Expo is America's Largest Monthly Camera Show, with Over 200 tables of photo equipment. The show is held at 7530 Orangethorpe (between the 5 and 91 freeways at Beach Boulevard) in Buena Park. New show hours are 9:30am to 2:30pm, \$5 admission with free parking. For more information call: (949)786-8183 or (949)786-6644. Future dates: December 10th, January 21st and February 18th. Check their website: www.cameraexpo.com or email them at: cameraexpo@yahoo.com.

The Buena Park show has begun to offer free seminars (with paid admission). Talking to a couple of camera show dealers, they feel that the future of camera shows is very iffy. So you might want to check them out, while you still can.

Bargain Camera Shows

Pasadena Camera Show. A 'Bargain Camera show', Pasadena is held at the Pasadena Elks Lodge, 400 W Colorado Blvd., 134 Freeway. to Orange Grove S. 10am - 3pm. Often held on the 2nd Sunday of the month. Call the number below for dates. Other locations often include: The West Los Angeles Bay Area Camera Show and Sale, held periodically at the Wyndham Garden Hotel, 5990 Green Valley Cr., Take the 405 Freeway to Sepulveda N, near Fox Hills Mall. And The Riverside Camera show, held at the Elks Lodge, 400 W. Colorado Blvd. For more information about these and other 'Bargain Camera shows' contact Anton, Bargain Camera shows, PO Box 5352, Santa Monica 90409, (310) 578-7446.

Upcoming PSA Exhibitions

This list is featured each month in the PSA Journal. If you are not a PSA

member, you should really think about joining. Visit their website at: <http://www.psa-photo.org> PSA approved means that those acceptances earned in these exhibitions count towards PSA Star ratings and the PSA Stereo Who's Who list (for PSA members). However, PSA, ISU, nor NSA membership is required to participate in these exhibitions. They are open to all photographers worldwide.

The PSA Stereo Division's website: <http://members.aol.com/psastereo> has a number of current Exhibition entry forms, this is a valuable service and will make finding entry forms easier for all of us. Closing dates and contacts for upcoming PSA Stereo Exhibitions:

Our own club will bring the next big PSA stereo competitions to you. Now in its 43rd year, the Hollywood stereo slide and card exhibitions are two of the most entered stereo exhibitions. The catalog is sure to again have some great images and there will be some stiff competition. But I would recommend that every member support these exhibitions with their entries and please volunteer to help at the selection and any or all of the many showings that are scheduled in February.

The selectors will be Shab Levy (the busiest individual in stereo photography) & Diane Rulien (the president of the Cascade Stereoscopic Club) both from Portland, Oregon and Susan Pinsky, APSA from Culver City. The showings that are scheduled:

- February 6th at the Jewel City Camera Club in Glendale.
- February 8th at the Pasadena Stereo Club meeting.
- February 10th at the UCR/California Museum of Photography in Riverside.
- February 15th at our February meeting.

Schedule of Upcoming PSA Exhibitions

- 3rd Hollywood Stereo Card Exhibition. Format: Stereo Cards. Closing date: Jan 18, 2001. Cards - David Thompson, 400 Jasmine, Brea, CA 92821. SCSC website: <http://home.earthlink.net/~campfire>

Cards- Email:

DLT4WD3D@aol.com USA-\$9,
All others (including Canada) -\$11.

- 43rd Hollywood Stereo Slide Exhibition. Format: Stereo Slides. Closing date: Jan 18, 2001. Mitchell Walker, PO Box 8834, Universal City, CA 91608-8834. SCSC website: <http://home.earthlink.net/~campfire> Slides-Email: mitchbear@earthlink.com USA-\$9, All others (including Canada) -\$11.
- Oakland. Formats: Slides and cards. Closing date: January 22, 2001. John Bonwell, 1904 Linwood Way, San Leandro, CA 94577-6218 USA, N.Amer.-\$6, Others-\$7.
- Delaware. Formats: Cards, anaglyphs, over and under pairs or lenticular prints. Closing date: Jan. 22, 2001. L. T. Maniscalco, 1304 Oberlin Rd., Wilmington, DE 19803-5110 USA. Email: Ltmphoto@juno.com N.Amer.-\$7 (reduced fee available), Others-\$7.
- Wichita. Formats: Slides and cards. Closing date: March 12, 2001. Mary Ann Rhoda, FPSA, 2511 E. Funston, Wichita, KS 67211-4629 USA. N.Amer.-\$6. Others-\$7.
- Southern Cross. Format: Stereo slides. Closing date: March 23, 2001. Mrs. Nancy Moxom, 46 Glenayr Ave., West Ryde, N.S.W. 2114, Australia. Email: raymoxom@tpg.com.au N.Amer.-\$8 US, Others- \$10 Australian.
- Ohio (new) - 1st Cleveland Stereo Exhibition. Format: Stereo slides. Closing date: April 14th, 2001, James R. Motley, 2721 Oak Park Ave., Cleveland, OH 44109 USA. email: jmotley3d@ameritech.net. N.Amer.-\$5, Other-\$6.
- ***The 6th View-Master International Stereo Sequence Exhibition. Format: View-Master reels. Closing date: June 8, 2001. Lawrence Kaufman, 1607 Mariposa Drive, Corona, CA 92879-1121. Email: kaufman3d@earthlink.net USA-\$7, All others-\$9.
- ***The 9th PSA Nonstar Stereo Exhibition. Format: All formats, all

mediums - slides, cards, View-Master, Lenticular. Closing date: October 15, 2001. Open to stereo photographers who have not qualified for a star rating. A great exhibition for beginners, now is a great time to get started entering exhibitions! Acceptances do not go towards a star rating. Contact: James R. Roy APSA, 2902 Peyton Randolph Drive #202, Falls Church, VA 22044 (703)536-3926. email: jimroy3d@juno.com Exhibition entry forms on the PSA website: <http://members.aol.com/psastereo> Cost: (probably) \$3.00

*** not yet listed in the PSA Journal.

Exhibition Results

Here are the results from the November International Stereo Club Competition. SCSC enters this competition three times a year and we have done well in the past. I hope that more club members will make their best images available, so are scores can move up. SCSC will judge the final round of this competition at our May meeting.

- Sydney—47
- Puget Sound—45
- Detroit—41
- Cascade—41
- Cordova (Cal)—40
- Chicago—37
- Atlanta—37
- Southern California—35

- In Depth (NJ)—host
 - San Diego Stereo Camera Club—no entries
- Individual winners from the first round were:
- 1st—Robert Grant, Detroit, “After an Early Snow”
 - 2nd—Brian Green (seven years old), Detroit, “Red Mums”
 - 3rd—H. Lee Pratt, Atlanta, “Desert Sentinel”
 - 4th—Neil Steller, Cascade, “Lily and Rose”
 - 5th—Stanton Baker, Sydney, “Generation #4”
 - HM—Debbie Williams, Sydney, “Boo”
 - HM—Bob Price, Sydney, “Concentration”
 - HM—Marion Smith, Chicago, “Rosy Trio”
 - HM—Eugene Mitofsky, Chicago, “Horse Race”
 - HM—Gene Largerberg, Puget Sound, “Regal Beauty”
 - HM—Phyllis Maslin, Puget Sound “Romancing the Wave”
 - HM—Chris Olson, Southern California “Horsing around Z”
 - HM—Ron Fredrickson, Cordova, “Shower of Gold”
 - HM—Pauline Sweezey, Cordova, “Seattle Land Marks”

Congratulations to all the winners, especially our own Chris Olson! The Chicago Stereo Camera Club will host the next round of this competition in February.



The Second Cascade International Stereoscopic Exhibitions results are online. Formats were Stereo slides, stereo cards and the first ever PSA recognized Internet Stereo Exhibition. The results with images were posted on the clubs website within days of the exhibition. You might want to check out the images at their website:

<http://www.cascade3d.org>

The Eighth PSA Individual Nonstar Competition was held on October 20, 2000, at a meeting of the Potomac Society of Stereo Photographers. There were only 30 entries from 7 stereographers. All but 3 were in Realist compatible format, but the others, by Dorothy T. Mladenka, were incredibly diverse. She entered one Realist pair, a View-Master reel, a lenticular card, and a medium format slide pair. Scoring was on a 2 to 5 per judge scale, with 2+ rounds of judging. Judges were Andrea Shetley, Geoff Peters, and Robert Leonard, FPSA.

- 1st—"Buoy"—Lane Damazo of Knoxville, MD
- 2nd—"Cooling Off in 110 Degrees"—Dorothy Mladenka of Houston, TX
- 3rd—"Sun Ripened Fruit"—John Swank of Bethesda, MD
- HM—"Golden Gate Park"—John Swank
- HM—"Alone"—Dennis Green of Ferndale, MI
- HM—"Chess Players"—Dennis Green

Iwerks

Iwerks Entertainment®, Inc. has an agreement with Paramount Parks and Stan Lee Media Inc. giving Iwerks exclusive worldwide rights to distribute the new ride simulation film, "Stan Lee's 7th Portal 3D Simulation Experience." The film, set for release in summer 2001, is being executive produced by Paramount Parks and Stan Lee Media, and produced by Blur Studio. It will premiere simultaneously in ride simulation theaters at Paramount Parks venues and in Iwerks TurboRide simulation theaters around the world in both 2D and 3D formats.

Paramount Parks had previously announced that when they reopen in

spring 2001, Paramount Parks would have five 3D upgraded, 148-seat Iwerks TurboRide theatres that would be premiering "7th Portal." The five parks signed on for the 3D upgrades are: Paramount's Great America in California, Paramount's Kings Island in Ohio, Paramount's Kings Dominion in Virginia, Paramount's Carowinds in North Carolina and Paramount's Canada's Wonderland in Ontario.

"Stan Lee's 7th Portal 3D Simulation Experience" will feature superhero characters, such as Thunderer, Gossamer and Oxblood, who are well known to cyberspace fans who visit www.stanlee.net, where they appear regularly in the animated series "7th Portal." Not only is "7th Portal" the first global Internet franchise to become a ride-simulation film, a feature film is already in the works, to be produced by Mark Canton ("Men in Black," "Batman"). Stan Lee is a household name, known best for co-creating some of America's most beloved superheroes, including Spider-Man, The Incredible Hulk, and The X-Men.

In a show of support for this new venture, Stan Lee made an appearance at the Iwerks booth at the International Association of Amusement Parks and Attractions (IAAPA.org) at the Georgia World Congress Center and Georgia Dome in Atlanta on November 17 from 10:00 a.m. to 12:00 noon. Tradeshow attendees saw Mongorr, the "7th Portal" villain, who was roaming the show floor on November 16 and 17 handing out 7th Portal entry forms to win autographed Stan Lee Memorabilia.

"7th Portal" is co-directed by Yas Takata and Aaron Powell of Blur Studio, with Tim Miller as creative director. Stan Lee has taken an active role in supervising the story, script and art direction. The film will be 100% computer-generated 3D animation, with motion capture. "We're thrilled with this opportunity to combine storytelling with our CGI expertise, and overwhelmed by the chance to work with a legend like Stan Lee," says Takata.

See you at the meeting!

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Hollywood Exhibition Makes Another Premiere

by *Mitch Walker*

Glendale: On Saturday January Stereo Club of Southern California will premiere another show of fantastic slide from around the world.

Wanna witness the action and the fun? Maybe give us a hand with the judging? Well, it all takes place on Saturday, January 20, 2001 at the First United Methodist Church in Glendale.

For more information, contact the exhibition chairman, Mitch Walker, at 310-459-1030 or by E-mail at MitchBear@earthlink.net. It will be fun and a chance to meet the Judges and everyone involved. Coffee, Donuts, Bagels, and other goodies will be served.

Competition Notes

Gone But Not Forgotten

by Chris Olsen

It just goes to show that you can be out of the city but not out of your mind to enter the club competition. Abe Perlstein, who now lives in central California, entered two categories and won one Honorable Mention in standard and one in non-conventional. Dorothy Bernhardt, who complained about being pushed into the A group, got an honorable mention for her slide "River Thru the Forest" Bob Philips, who also got bumped from B to A, is in third place after winning an Honorable Mention for "Colors". It was great to see David Starkman submitting slides again. His reward was an Honorable Mention for his slide of the Brooklyn Bridge entitled "Big Wire, Big City". Like Abe, Earl Colgan got a Honorable Mention in both Non Conventional and Standard. However it was Kathy Day who dominated the Standard category with an Honorable Mention for "Don't Look Down" and an Award for her spectacular "Eichorn's Pinnacle," while Jim Comstock ruled the Non Conventional with an Honorable Mention for "Orange Radition" and an Award for his fragrant "Three Gold Crowns". I would like to thank our judges—Oliver Dean, Ray Zone and our President Steve Berezin—for their fine work in their choices.

A Group

Abe Perlstein	132
HM: <i>Sonja & Sarong</i>	
Earl Colgan	131
HM: <i>Early Morning #3</i>	
Bob Philips	125
HM: <i>Colors</i>	
Lawrence Kaufman	122
Christopher Olson	122
Dorothy Bernhardt	121
HM: <i>River Thru the Forest</i>	
Cassie Kaufman	117
Chuck Bernhardt	107
Bruno Lizzi	104
Kathy Day	68
A: <i>Eichorn's Pinnacle</i>	
HM: <i>Don't Look Down</i>	
Robin Burks	64
James Comstock	64
Mark Kernes	63

ZONE—Continued from page 3

3D boom of 1953 was beginning. It was a "particular moment" in film history when "funeral orations were being delivered over the film industry" and Paramount was "secretly experimenting with three-dimensional pictures, wide screens, and other items calculated to prove that the reports of our death were grossly exaggerated."

Adolph Zukor closed his book by stating that "three-dimensional pictures were the next big thing in the industry ... The other executives agreed with me and we went out on the set and halted the filming of 'Sangaree,' a costume picture with Fernando Lamas and Arlene Dahl.

Then we got an old stereo-camera with which we had been experimenting fifteen years ago up from the basement and shot the picture in 3D with Technicolor." Edwin S. Porter would have been intrigued by the progress his early experiments in stereoscopic cinema had made.

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Adolph Zukor examines dual-camera 3-D rig at Paramount during production of "Sangaree" in 1953 as Fernando Lamas looks on.

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