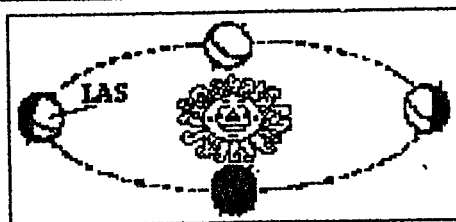


the ECLIPTIC

SUMMER FUN
with the LAS!!!!



VOL 22 NO 3

MAY-JUNE
1996

Newsletter of the LACKAWANNA ASTRONOMICAL SOCIETY, Scranton, Pennsylvania

LAS OFFICERS and BOARD MEMBERS FOR 1996

PRESIDENT Joe Kamichitis VICE PRESIDENT John D. Sabia
SECRETARY Carol Leola TREASURER Cindy Krott
AT-LARGE MEMBERS Joe Krott/ Bob Maleninsky
Jim Spangler

LAS SUMMER SCHEDULE

July Meeting Tuesday 7/2 (8 PM)
Club Night/Cookout Saturday 7/6 (6 PM and on)
KCO Lecture Series Mondays and Wednesdays (8PM)
7/8,10 7/15,17 7/22,24 7/29,31
(speakers: T. Cupillari, J.A. Kamichitis, W. Speare)
Lackawanna State Park #1 Friday 7/12 (9 PM)
Promised Land State Park #1 Thursday 7/18 (9 PM)

August Lackawanna State Park #2 Friday 8/2 (8:30 PM)
Meeting Tuesday 8/6 (8PM)
Stellafane 8/9-10 Call a Board Member about
observing the meteor shower pre-peak.
Perseid Meteor watch August 11-12 Sun. night - Mon.
Morning (9PM and on)
Promised Land State Park #2 Thursday 8/15 (8:30 PM)
Club Night/Cookout Saturday 8/17 (6 PM and on)

Note that Club Night for August is for the second weekend after the meeting, not the first.

Note also that the classroom building is now air-conditioned!

ON ALL OFFICIAL CLUB NIGHTS, A KJCO/LASO KEYHOLDER WILL BE PRESENT. IF THE WEATHER IS IN QUESTION, PLEASE CALL EITHER JOHN D. SABIA AT 586-0789, OR JOE & JO-ANN KAMICHITIS AT 343-4006, TO SEE IF ANYONE IS GOING TO CHANCE IT. ON OTHER CLEAR NIGHTS CHECK WITH THE KEYHOLDERS OR CALL THE OBSERVATORY NUMBER, 945-3665. LET THE PHONE RING A WHILE.

TO GET TO KJC/LASO, TAKE I-81, EITHER EXIT 61 OR 62 AND HEAD TOWARDS FLEETVILLE. THE OBSERVATORIES ARE LOCATED AT THE INTERSECTION OF ROUTE 107 AND HACK ROAD. IF YOU FIND YOURSELF AT FLEETVILLE CORNERS, YOU'VE GONE TOO FAR!!

Just a reminder

If your address label says "last issue" that means that we do not have you marked as having paid your dues for 1996. (your mailing label will also say 1995 on it)

If this is not correct please notify the treasurer. She hates being in error.

If you're listed incorrectly on the membership list that is included here for current members, please notify the treasurer and she'll let me know what errors I've made in transcribing the list.

Dues are \$5 Junior
\$8 adult
\$12 family

Checks should be payable to the Lackawanna Astronomical Society, and should be sent to :

Cindy Krott
419 Highland Ave
Clarks Summit, PA
18411

JULY LECTURES at KCO in Fleetville PA, will run on Mondays and Wednesdays from July 8 to July 31. There is a different lecture each week, starting at 8:00 PM, rain or clear. The Monday talk is repeated in Wednesday. In the event of severe thunderstorms or flash flood warnings the session will be canceled. (Half the fun is in seeing how many scheduled nights are clear or not cancelled!) Call

the observatory if you're not sure.

Members are encouraged to come on up. Bring a scope if you'd like to help out with the observing session after the lecture. Your help is always appreciated and you'll find that the astro-public is fun to deal with!! We'll even have another comet to show them. Hale-Bopp right now looks like a typical pretty darn good typical comet. This gives us a chance to demonstrate to the astro-public just how lucky we all were to see Hyakutake this spring!!

STELLAFANE is the weekend of August 9-11 so many of the keyholders may be in Vermont. If you want to try to catch some dark skies or early Persids that weekend contact either John Sabia or Jo-Ann Kamichitis in advance, to see if someone with a key will be around.

PERSEID METEOR SHOWER

sshhhhhhh!!
Don't say this too loud but the peak of this shower is at a favorable moon phase!! We are scheduling a meteor watch at KCO on the peak night (the night of Sun-Mon August 11-12) but if you want to get out there pre-peak when some of the best meteors are often seen then check with one of the Key-Holders about observing earlier that weekend at KCO. Remember that all you need for meteor observing for fun is a clear dark site.

Bring a lounge chair, blankets or sleeping bag, binoculars for sight seeing, snacks, bug repellent, and warm jacket. We'll provide open skies, warm up rooms and rest rooms, coffee,

tea, and cocoa. (Bring throat lozenges just in case you should get hoarse from yelling "WOW!")

KEYHOLDER LIST

Phil Cruikshank	675-8345
Cindy & Joe Krott	587-5917
Carol Leola	586-1582
Bob Maleninsky	343-3422
Don Murray	343-2394
Jim Spangler	587-3972

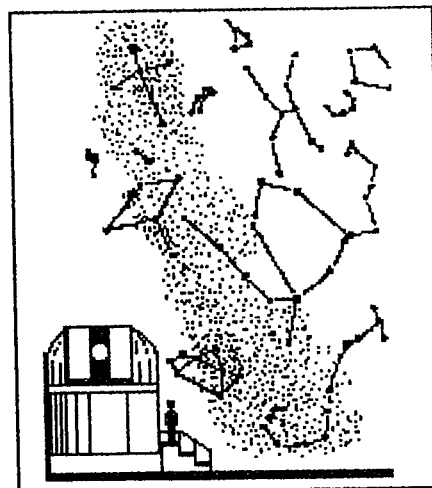
These are in addition to the Observatory Assistants, John D. Sabia and Jo-Ann Kamichitis.

Keyholders can be contacted by other members who may wish to observe when the observatory is not scheduled to be open.

COOKOUTS / CLUB NIGHTS

Once again, we'll be having a cookout and solar observing session before the club observing night starts. Join us at 5:30 PM or so. Bring a grill, or just use what we'll have set up. There's always enough to share.

If the weather is good the sessions will go on until the wee hours so, if you don't want to eat just show up later for the stars, Jupiter and, maybe, the moon.



**STATE PARK STAR PARTIES
1996**



We are scheduled for 2 sessions at Promised Land State Park and 2 sessions at Lackawanna State Park.

PROMISED LAND STATE PARK

At Promised Land, the slide show and scope exhibit goes on no matter what, since we'll be in the auditorium. If you're bringing a scope, please try to be there by 8:00pm to set up. We also need people to watch the scopes and help out with the crowd. We always have at least 50 people show up for this.

Both sessions are dark sky nights so here's your chance to elude the skyglow from Scranton, AND bring astronomy to the public! Just head to Promised Land State Park, Greentown PA, and rendezvous with us at the auditorium near the Nature Museum.

Take scenic Route 84 East to Exit 7 (Promised Land), go south (right) a pleasant 4.6 miles on 390, turn left at the Park Office for a rustic 1.0 mile to the Pickerel Point Contact Station. The Nature Museum, which is close to where the programs are held, is just on your right and telescopes are set up in the field a few feet further on.

LACKAWANNA STATE PARK

We'll also be taking our show just down the road to Lackawanna State Park. All LASers planning to help out are asked to meet at the park amphitheater by the

campground area about 1/2 hour before the scheduled time.. We'll be able to set up scopes in a field there. Bring your scope or just your expertise.

We'll have a slide show followed by observing whether it is cloudy or clear BUT rain will cause these nights to be cancelled since we'll be strictly outdoors.

Go north on I-81 to exit 60. There are signs for Lackawanna State Park on I-81 and at the exit.

**THE LAS BUS TRIP
RETURNS!!**



This time we leave for the FRANKLIN INSTITUTE in Philadelphia on Saturday October 27, 1996 (carefully chosen as the fullmoon weekend so we won't be missing much at the observatory).

If you haven't been there since you were a kid this should be an eye-opener. The displays have been hugely expanded. Things are more interactive and hands on than ever! Plus you have the big screen movies and the FELS Planetarium to go to once you've run yourself ragged!

We'll once again be leaving the driving to JO-JO's Travellers. We depart at 7:00 AM SHARP from the Keyser-Oak Shopping Center in order to arrive in Philadelphia soon after the museum opens, and leaving the Museum at 5PM to be home by 8:30 or so. If you decide to do your own thing in Philly just make sure you get to the rendezvous site on time.

Experience the camaraderie of fellow LASers in a confined space

instead of out under the stars!

Please sign up soon so LASers will have first crack at the bus reservations.

Entry and special fees are your responsibility. There is food service at the museum.

For the bus ride

\$20 per adult,
\$10 per kid ages 13 and under

Send a check, payable to the LAS, along with the reservation form to the treasurer, Cindy Krott.

It's going to be a full summer!!



THANK YOU

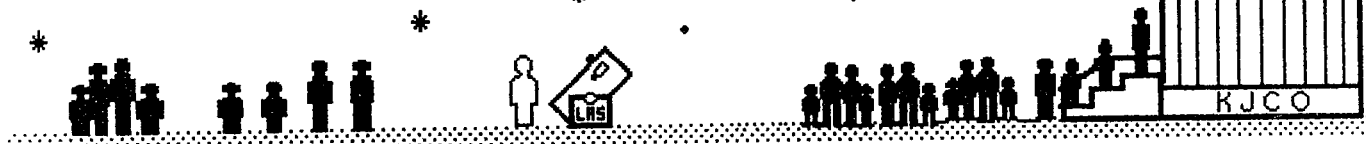
We want to thank the society for the truly beautiful floral arrangement you sent, and everyone who in any way expressed sympathy to us about the death of our dad, father-in-law and Grandpop, Joe Pluciennik. Pop was always interested in the outdoors and especially was interested in the stars. We come by our interest in astronomy naturally.

Jo-Ann Pluciennik Kamichitis
Diane Pluciennik Musewicz
Joe Kamichitis
Vince Musewicz
Julie, Sarah, and Matt Musewicz



LACKAWANNA ASTRONOMICAL SOCIETY

1996 MEMBERSHIP LIST



LAS OFFICERS and BOARD MEMBERS FOR 1996

PRESIDENT Joe Kamichitis VICE PRESIDENT John D. Sabia
SECRETARY Carol Leola TREASURER Cindy Krott
AT-LARGE MEMBERS Joe Krott/ Bob Maleninsky
Jim Spangler

Bernie & Lynn Andreoli, 1438 Silver Avenue, Scranton, PA 18508 347-6001
Scott & Dianne Bailey, 215 King Charles Ct., Suffolk, VA 23435
David Barrett, P.O. Box 405, Waymart, PA 18472
Ron Benjamin, R R #1, Box 1592, Nicholson, PA 18446 942-4498
Peter Boretsky, 509 S. Valley Ave., Olyphant, PA 18447 489-8122
Robert Brauer, 2122-A Galveston Ave., San Jose, CA 95122
Pamelia Butler, Park Gardens, Apt 22D, Scranton, PA 18509
The Gray Caffall Family, 108 Maggies Road, Clarks Summit, PA 18411 586-5934
Roberta & Russ Cammer, 710 Layton Road, Clarks Summit, PA 18411 586-8978
Leo Cecci, Rear 524 Gibbons Street, Scranton, PA 18505 344-2546
Ann Costello, 444 Wildflower Drive, Wilkes-Barre, PA 18702-7916 820-9761
Phil Cruikshank, Lot 120, RR 3, Valley View Park, Dallas, PA 18612 675-8345
Tom Cupillari, R D 2, Box 2891, Highland Ave., Factoryville, PA 18419 945-3687
Joseph Daukantas, 161 Fawn Lake Forest, Hawley, PA 18428 685-2675
Frank Deming, 50 Valley View Drive, Mountaintop, PA 18707 474-0828
Patrick Dunleavy, RR7, Box 7349, Moscow, PA 18444 341-8182
Thomas C. Elias, R D #5, Box 5009, Moscow, PA 18444 842-6079
Alice & Claude Fanucci, 104 Gallagher St., Jessup, PA 18434 489-3834
The Bryan Flynn Family, 921 Hamm Ct., Scranton, PA 18505 342-2254
Esther & Henry Friedmann, 612 Birchwood Road, Clarks Green, PA 18411 587-1530
Joseph & Barbara Gammaitoni, 634 Breck St., Scranton, PA 18505 346-9252
Joseph Gatelli, 709 Connell St., Scranton, PA 18505
Steve & Mary Gedrich, 419 Charles St., Throop, PA 18512 383-0184
James Gelsleichter, 68 Madison St., Wilkes-Barre, PA 18702 824-8274
Anthony Gerchman, RR #3, Box 800, Susquehanna, PA 18847 756-2361
Steve & Donna Gianacopoulos, 223 North Sumner Avenue, Scranton, PA 18504
348-1843
Bernie Gillott, 435 Summit Avenue, Clarks Summit, PA 18411 586-1372
Anthony Grabowski, 946 Main Street, Peckville, PA 18452 489-9684

Frank Hannagan, R D #1, Box 71, Dalton, PA 18414 586-4988
Daniel Hodorawis, 45 Lower Powderly Street, Carbondale, PA 18407 282-2114
Bruce & Janet Hogg, 430 S. Edwards Ct., Scranton, PA 18504 342-3687
Richard Hogg, 703 Dragon Road, Clarks Summit, PA 18411 586-7523
Tom Holeva, 87 Gordon St #1, Brighton, MA 02134
Glenn Jacobs, Pocono Mountain Optics, Corner Rts 307 & 502, 104NP 502 Plaza,
Moscow, PA 18444 842-1500
Arthur Johnson, R R #6, Box 108, Tunkhannock, PA 18657 836-1337
Delores Juliano, 524 Gibbons Street, Scranton, PA 18505 344-5850
Joe & Jo-Ann Kamichitis, 1047 Mohawk St., Scranton, PA 18508
Katheryn Klepadlo, 208 Mary Street, Old Forge, PA 18518 457-2908
Thomas Kneiss, RR 1, Box 1015, Lake Ariel, PA 18436 689-2005
John Kosek, P. O. Box 176, Moscow, PA 18444
Joseph Kosmo, 1110 Cragmore Drive, Seabrook, TX 77586 (713) 474-3424
Cindy & Joe Krott, 419 Highland Avenue, Clarks Summit, PA 18411
Lawrence Kwasnick, 75 East Bergh St., Plains, PA 18705
Kasey Lamb, Hatch Hill Road, R R #2, Box 138B, New Albany, PA 18833 363-2316
Carol Leola, 16032 Airport Drive, Dalton, PA 18414 586-1582
Martin Livezey, HC1, Box 1376, Milanville, PA 18443 729-8809
Thomas & Renee Lloyd, 18 Strong St. Extension, East Haven, CT 06512
Bob Maleninsky, 1265 Snyder Avenue, Scranton, PA 18504 343-3422
Stephen Mazurik, R R #1, Box 1043, Gouldsboro, PA 18424 842-2499
Joe Mazzarella II, 1680 Summit Lake Road, Clarks Summit, PA 18411 587-1524
Joe Mazzarella III, 824C West Foothill Blvd., Monrovia, CA 91016 (818) 357-7583
Mic McManus, 22 Janes Lane, Uniondale, PA 18470 222-4173
Bill & Karen Mecca, P. O. Box 539, Dunmore, PA 18512
Gene & Middie Middleton, 525 N. Abington Road, Clarks Summit, PA 18411 586-2577
The Art Miekowski Family, 202 School St., Scranton, PA 18505 341-7016
The Steve Morgan Family, P. O. Box 794, Hamlin, PA 18427 689-2102
Ron Murazzi, R R #1, Box 68, Dalton, PA 18414 945-9645
Don Murray, 514 Walsh Street, Scranton, PA 18505 343-2394
Diane & Vince Musewicz, 431 Palm St., Scranton, PA 18505 961-1264
Dennis Myroniuk, 131 Salem Road, Carbondale, PA 18407 282-5602
John & Marie Nallin, 14003 Haverford Dr., Clarks Summit, PA 18411 587-5401
Tammy Pacyna, 53 Chestnut Street, Tunkhannock, PA 18657 836-1314
Debbie Palmer, 24 Oak Grove Trail, Nashua, NH 03062 (603) 595-2977
Robert E. Partington, 134 Eno Street, Plymouth, PA 18651-2316 779-1052
Mike Patrician, 1201 Merion Circle, Clarks Summit, PA 18411 586-1768
Michael Peoples, R D #1, 1808 Hampshire Road, Tobyhanna, PA 18466 586-1768
Marty Peritsky, 505 Susquehanna Street, Forest City, PA 18421 785-5398
Michael Pondish, 132 Silk St., Jim Thorpe, PA 18229
Mark Raymond, 227 Laurel Drive, Tobyhanna, PA 18466 894-4556
Carol F. Reigle, 620 Sunset Street, Clarks Summit, PA 18411 587-0521

Bill & Amy Rowe, 501 Highland Avenue, Clarks Summit, PA 18411 586-8213
 Mildred Ruth, 57 Tilbury Ave., Nanticoke, PA 18643 735-2772
 John Sabia, 1112 Fairview Rd., Clarks Summit, PA 18411 586-0789
 Dorothy Searfoss, 2425 N. Washington Ave., Scranton, PA 18509 346-1113
 Ed & Charlotte Sidorski, RD 3, Box 842, Susquehanna, PA 18847 756-2135
 Wayne Snyder, 1225 West Grove Street, Clarks Summit, PA 18411 586-7612
 Jim Spangler, 103 Terrace Drive, Clarks Summit, PA 18411 587-3972
 Bill Speare, 1117 Gravel Pond Rd, Clarks Summit, PA 18411 586-8343
 Ernest & Robbin Sposto, 1113 Olga St., Dickson City, PA 18519 489-8934
 Kenneth & Jean Sproson, RD 1, Box 105, Hawley, PA 18428 685-7278
 Anthony C. Srebro, 513 R Mary Street, Dickson City, PA 18519 383-2229
 Charles Stetz, 105 Park Drive, Clarks Green, PA 18411 586-0190
 Mrs Herbert Stromberg, M139, Pennswood Village, Newton, PA 18940 215 968-5024
 Jane & Ed Swarts, 205 Tulip Circle, Clarks Summit, PA 18411 587-1863
 Lillian & Sal Troianni Sr., 405 Clarkson Drive, PA 18434 489-6989
 Tim Vallilee and Family, 3420 A Cherry Land Road, East Stroudsburg, PA 18301
 629-6256
 Lisa & Dennis Wedin, RR #2, Box 248, Kingsley, PA 18826 434-9379
 George Welker, HC1 Box 133B, Hawley, PA 18428 226-6360
 Dave & Mary Zahorsky, RD 1, Box 1848C, Moscow, PA 18444 842-9399
 Jeff Zick, R R #1, Box 74A, New Milford, PA 18834 434-2429

**If there is a mistake in your listing,
 please notify the treasurer
 - Cindy Krott
 419 Highland Avenue
 Clarks Summit, PA 18411**

**LAS
is here**



"The Ecliptic" is the bimonthly newsletter of the Lackawanna Astronomical Society. A subscription to "The Ecliptic" is one of the benefits of membership in the LAS. No permission is needed for nonprofit use of any material published in "The Ecliptic" provided it is properly credited. Articles, cartoons, news items, etc. may be sent to:

**Jo-Ann Kamichitis, Editor
 1047 Mohawk Street
 Scranton, PA 18508**

**e-mail address
 JoAnnKami@aol.com**

**staff: Diane Musewicz
 Joe Kamichitis
 Carol Leola**