

NEWS

of the LEPIDOPTERISTS' SOCIETY

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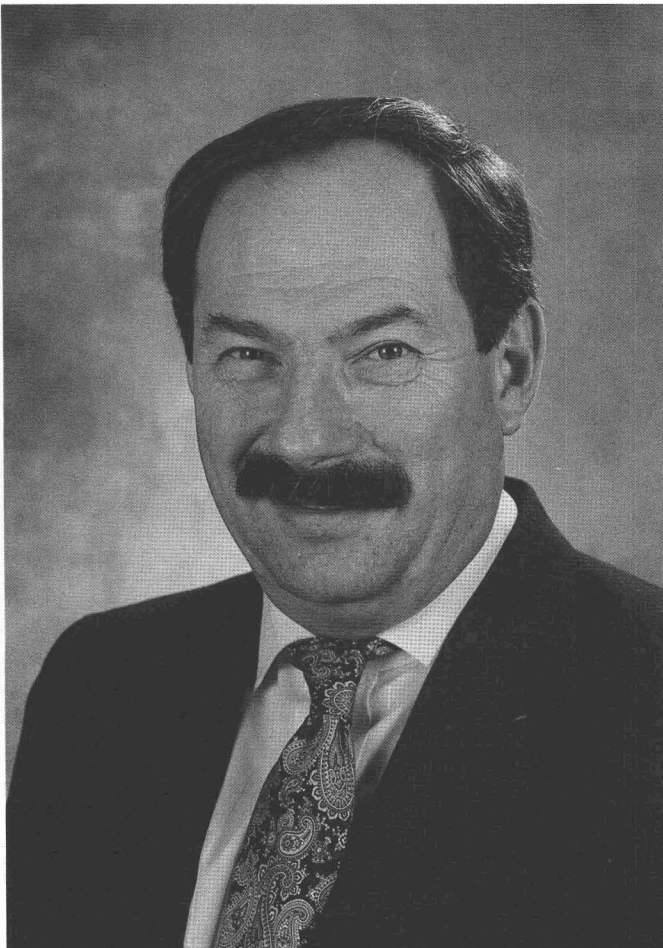
NEWS
FROM
EUROPE
W. O. De Prins



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- | | | |
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Presidential Profile



Paul A. Opler, our current Society president, was born in Ann Arbor, Michigan on August 3, 1938. His parents, Ascher and Pauline, encouraged his interests in the out-of-doors from an early age.

In October 1944 Paul's family relocated to Pleasant Hill, California in Contra Costa County just east of San Francisco Bay. Paul first collected butterflies in 1948. His collection progressed from butterflies in cream cheese boxes on cotton to common pins in cigar boxes. Finally, in about 1950, after encouragement from teachers, parents, and ministers, Paul began to acquire a collection on insect pins in proper insect boxes and Cornell drawers. By age 14, he had collected in the California Coastal Ranges, the Sierra Nevada, and Mojave and Colorado deserts, and was very knowledgeable about California and other insects. His early interest was also aided by a membership in the Lepidopterists' Society beginning about 1952, and he attended the first Pacific Slope Section meeting that was held at the California Academy of Science. In the summer of 1955, he toured Mexico with G. Allan Samuelson, in a camper made by Al. The two collected a number of butterflies at various localities and traded them to Robert G. Wind for specimens they needed for their collections.

In 1956, Paul entered the University of California at Berkeley where he majored in Entomology. During his sophomore year, he took off in his parent's car on a stormy weekend, ending up in the Laguna Mountains of San Diego County after having driven all night. There he met Ray Stanford who was to become a life-long friend and collecting companion. As a senior he co-authored a long paper on the *Apodemia mormo* complex under the mentorship of Jerry A. Powell, then a graduate student.

After graduation, Paul spent the summer in New York State at a summer camp near Bear Mountain. Paul married Sandra Sue Segler in the fall of 1961 and entered the Army 5 days later. His two years in New York City as an Army Private during 1962 and 1963 gave him the basic experience that began to build his knowledge of eastern butterflies. While in New York, he spent considerable time at the American Museum of Natural

History where he began his intense study of North American marble butterflies.

Paul, Sandra and newborn son Tim left New York in September 1963 and made tracks back to California. Paul entered San Jose State University (now California State University at San Jose) where he studied under the tutelage of J.W. Tilden. He completed his study of *Euchloe* as his Master's thesis. While attending San Jose State, he carried out an intensive sampling program of moths in his yard. This resulted in a faunal paper co-authored with Steve Buckett. Son David Chris was born in January 1965, just before the Oplers pulled up stakes and moved to Berkeley.

Paul studied for 4 years at the University of California at Berkeley under the guidance of major professor Jerry A. Powell. During his graduate tenure at Berkeley, Paul studied the Microlepidoptera community that feeds on California oaks. He also served as Assistant Editor of the Journal of the Lepidopterists' Society and worked as a laboratory technician for Dr. Powell. He helped raise Jerry's number of rearing lots and species reared to record highs. The amount of fieldwork in his last 2 years at Berkeley was the thing of his dreams. In 1969, he spent more than 100 days in the field and collected in 54 of California's 58 counties.

An exciting offer to study in Costa Rica prompted another move. Paul spent 4 years there as a Research Associate for the Organization for Tropical Studies studying the reproductive biology of lowland tropical plants. During those years Paul spent more than 1,000 days in the field where he was able to find time to observe tropical butterflies and birds. His work with Drs. Herbert G. Baker and Gordon W. Frankie led to many papers on tropical botany and pollinators. Most of Paul's butterfly observations from Costa Rica are unpublished, but this background has proved invaluable in writing his subsequent butterfly books.

After living on a Costa Rican farm for 4 years, Paul brought his patient family, including adopted daughter Laura, back to the U.S. Shortly thereafter, Paul was offered a position as entomologist with the U.S. Fish and Wildlife Service and was soon promoted into administration. For 8 years, Paul led the Endangered Species listing program and

was responsible for many innovations in the program. During this period, he travelled extensively in the Eastern U.S., and wrote his book on eastern butterflies in combination with George O. Krizek's excellent photographs. Ten years in the Washington, D.C. hotseat was more than enough, and Paul transferred to Fort Collins, Colorado in late 1983.

In Fort Collins, Paul assumed the leadership of the research publication program for the U.S. Fish and Wildlife Service. During this time he continued to provide assistance to Fish and Wildlife Region on endangered insect problems. In late 1993, he was transferred to the National Biological Survey. Stay tuned. During this Colorado period, Paul's productivity in Lepidoptera studies reached new levels. He worked extensively with Ray Stanford on the distribution of western butterflies, began an active association with the Entomology Department of Colorado State University, and wrote the Peterson Field Guide to Eastern Butterflies. Paul continues to write about butterflies, and to collect and study the western moth fauna.

Paul's life was marred by tragedy when Sandra, his wife of 31 years, died in February 1992. He has started a new life with fiancé Evi Buckner. Among their many activities the couple has enjoyed attending Lepidopterists' Society meetings, photographing butterflies, and collecting moths.

During his peregrinaceous career, Paul has had many changes in direction and has learned to make the best with his fate. Paul has been involved in the leadership and publishing side of many organizations. He has been particularly active in the American Institute of Biological Sciences, the Association for Tropical Biology, and the Entomological Society of America. He has written or edited more than 130 published papers and reviews. His written works included three book-length publications and three coloring books. His First Guide to Butterflies and Moths is due to be published this spring. Paul and Ray Stanford have signed a contract to write a book on western butterflies for Oxford University Press.

In the Society, before serving as president, Paul has served as a member of the Executive Council and as Chair of the Publication Committee. Paul looks forward to chairing this summer's national meeting in Georgia.

The following is an exact copy of the first paragraph of a press release received by the Editor...

FOR IMMEDIATE RELEASE

PRESS RELEASE
SAN JOSE, CALIFORNIA
December 14, 1993

U.S. Department of Justice
United States Attorney
Northern District of California

United States Attorney Michael J. Yamaguchi announced today that a federal grand jury in San Jose indicted three men for poaching federally protected butterflies between 1983 and 1992 on federally protected lands, including National Parks, National Wildlife Refuges, and National Forests. Operating as a poaching ring that took and trafficked in protected and endangered wildlife primarily throughout the Western United States and Mexico, Yamaguchi said at a press conference in San Jose that more than 210 butterflies protected under the Endangered Species Act (ESA) were taken or traded for commercial gain. The ESA, enacted in 1973, protects species in danger of extinction from any harassment, capture or harm. Further, the indictment alleges that more than 2200 butterflies protected by law in the U.S. and Mexico were taken and trafficked in during the nine years that the conspiracy operated. Charged with felony conspiracy were Richard J. Skalski, 38, of Redwood City, Ca.; Thomas W. Kral, 29, of Tucson, Az. and Marc L. Grinnell, 39, of Santa Rosa, Ca.

The entire press release and accompanying summaries (from the indictment) are 12 pages long. In addition, the indictment is 86 pages long (includes cover sheet). For those who wish to read the entire document copies are on file with the President of the Society. It may be obtained for the cost of copying, envelope and mailing.

Some Unusual Fritillaries from Saskatchewan

by John Kozial
Bjorkdale, Saskatchewan

On occasion, throughout their lives, most collectors will encounter some very unusual, rare or otherwise unique butterflies. I am no exception and would like to share with other Society members a few uncommon butterflies that I've had the good fortune to collect in recent years.

On July 13, 1991 I was out collecting butterflies at a favorite location in the Porcupine Provincial forest near Parr Hill Lake, Saskatchewan. The area is a unique miniature prairie of around three hundred acres situated within the forested parkland belt - it is really an isolated northern pocket of native grassland similar to that found extensively throughout southern Saskatchewan. During spring and summer this meadow is carpeted with a profusion of wild flowers - hedsarum, gaillardia, goldenrod, fleabane, bergamot, just to mention a few, making it an ideal butterfly habitat.

On that day my most notable discovery was a thriving colony of the

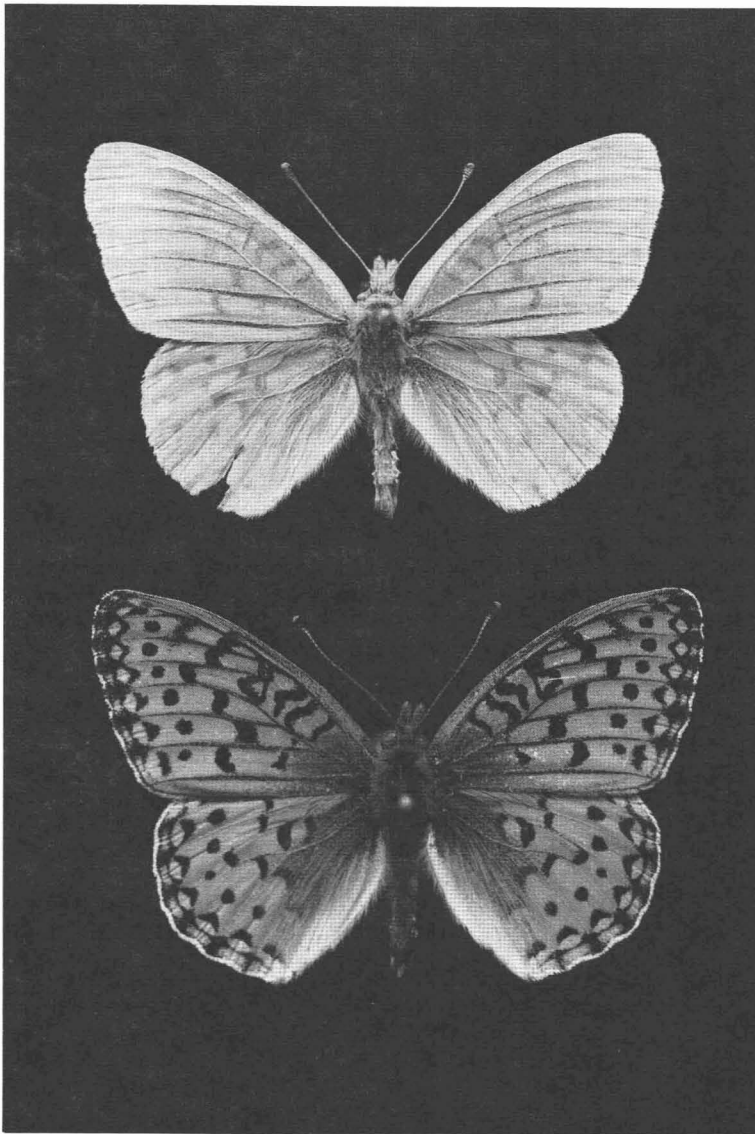
surprised at locating a colony of this fritillary so far north and east in the province. Only a week before I had collected this very same grassland species more than four hundred miles distant in the cypress Hills of southwest Saskatchewan. It certainly made sense, however, a large enough prairie habitat (isolated though it was) supporting a colony of fritillaries usually associated with grasslands farther south. Prior to this only two worn strays had been collected anywhere north near this location and they were taken at Somme and Prince Albert, Saskatchewan.

An interesting observation about this new colony of northern *mormonias* was that a very small percentage of the population showed a marked tendency towards extremely pale coloration (albinism?) on the dorsal wing surfaces. In the accompanying photograph the palest male specimen collected is compared to a "normal" orange male from the same colony.

The entire population tends toward very pale yellow ground color on the ventral wing surfaces with approximately three-quarters of the specimens observed or collected being unsilvered. The remainder were silvered to varying degrees from barely discernible to quite distinctive. Previously, most of the *mormonias* that I've collected in southern Saskatchewan were silvered with only the odd specimen being unsilvered - the reverse of the trend in this colony. Only two females were collected (still early in the season) - one was large, pale orange and unsilvered; the other was more typical of *mormonia* females - small, darker orange, silvered and with a slight greenish cast to the basal areas of both wing surfaces. This colony certainly shows a lot of variation between individual members. None of the above information is really new as *mormonias* are known to be an extremely variable species and are normally much paler orange than any of the other *Speyeria* species. Having said that I still feel, however, that the illustrated light male is rather exceptional. In addition I also have a second nearly identical male specimen with slightly darker coloration and markings on the dorsal wing surfaces.

Ronald Hooper, our provincial authority on the lepidoptera, told me that this new colony of *mormonias* now marks the very northern edge of their range in northeast Saskatchewan. As well, to Ron's knowledge, no other abnormally pale *mormonias* such as the unusual specimen shown have ever been collected in the province. In early August 1992 I revisited this same location and again observed a good number of *mormonias* on the wing and nectaring on flowers (especially fleabane). No really pale specimens were observed, however, more females were present - all typical small, dark, and greenish orange.

The summer of 1992 was one of the coldest on record both here in Saskatchewan and right across Canada. We had frost every month during the summer - even one night in early July! On July 28, 1992 I was out collecting butterflies at a familiar location five miles southwest of Bjorkdale, Saskatchewan - my home town. The area is primarily Jack pine and Trembling aspen with Black spruce and tamarack (larch) bogs in lower areas. The woods are bisected by numerous old logging roads and an abandoned community pasture borders the entire area. Due to the unseasonably cold weather many species of butterflies were on the wing two to three weeks later than normal. I had spent an enjoyable afternoon in the area and had observed and collected six different species of *Speyeria* all in surprisingly fresh condition. My most interesting catch up to that point was a fresh male *Mormonia* fritillary (*Speyeria mormonia*



Mormonia fritillary (*Speyeria mormonia eurynome*). I was somewhat

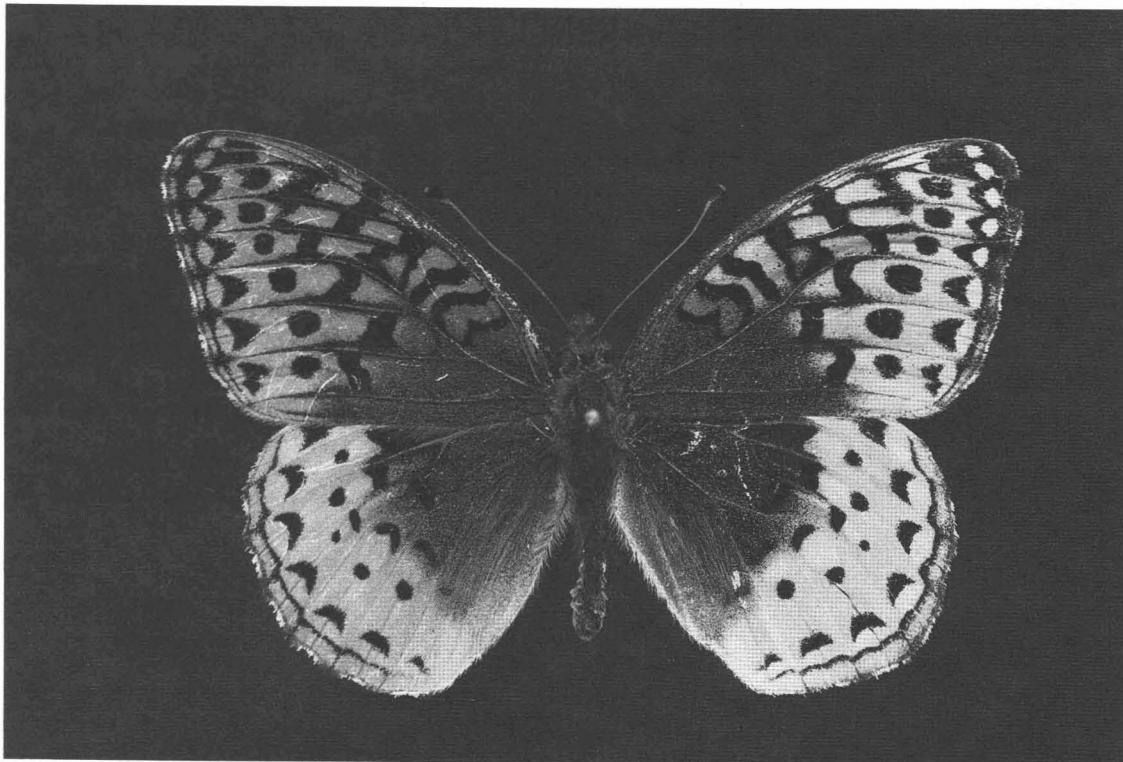
eurynome) - the very same species discussed before. This time I was more excited as this location was much closer to my home. Unfortunately I was unable to locate any more *mormonias* that day, however, when I returned the next day July 29, 1992 I collected a fresh female *mormonia* in the same area. A colony was probably in the vicinity, however, after an extensive search no more specimens turned up so I gave up the hunt until next season.

Getting back to my original story - it was late afternoon of July 28, 1992 and I was thinking about packing it in for the day. I had just extricated my collecting gear and myself from a rather tenacious barbed wire fence when, what I took to be a female Great Spangled fritillary (*Speyeria cybele pseudocarpenteri*), suddenly sprang up out of the grass about ten feet in front of me. I decided to follow as there seemed to be something "odd" about this butterfly - its flight was very erratic. For the next two minutes the mystery butterfly proceeded to try my patience by repeatedly settling down to the ground every twenty or thirty feet in front of me and suddenly launching into flight each time I came too near. I was getting frustrated by this little game of "catch me if you can" and was about to give up the chase when I decided to make one last mad dash towards the elusive creature. So much for careful stalking! Finally I clamped the net over the butterfly only to have it nearly escape again by walking away just under the rim and trying to lose itself in the long grass. I quickly shifted the net over a little

expanse, pale yellowish-orange and female. This striking butterfly is shown in the following photograph.

I quickly returned home and mounted up my prize catch. I thought back of the many different places where I've collected "bugs" over the years and found it very satisfying to collect perhaps the rarest of all so close to home. It certainly proves that your most exciting discoveries can happen, almost literally, in your own back yard.

I went through my entire library of insect books and soon discovered that very little seems to be written on gynandromorphs. Of that half dozen or so photos of other gynandromorphs that I could locate it was interesting that most of them were right side male/ left side female examples whereas my specimen was the reverse. Which is more common? Just how rare are gynandromorphs? Can they successfully reproduce? To what degree is the body, internal organs and genitalia halved? This gynandromorph fritillary appears to have a single clasper at the tip of the abdomen on the left half or male side whereas on the right half or female side no distinct appendage can be observed. Upon viewing this strangely mixed up butterfly, Ronald Hooper told me he had never seen a gynandromorph of any species of Saskatchewan butterfly before. This specimen may be the first ever recorded in the province. Many questions remain. I would be interested in hearing from other Society members who might be able to



and held the end of the bag high in the air; I gently rustled the grass with my foot and out popped the butterfly right into the net. I pinched the butterfly through the folds of the net and immediately noticed that the edges of the folded wings didn't line up evenly above the butterfly's back. It seemed slightly "lopsided". Curious indeed - I removed the butterfly from the net and carefully opened the wings slightly apart. I shook my head in disbelief for I couldn't believe my good luck. In my hands I held a rare specimen of one of the most bizarre sexual aberrations known to occur among butterflies - a nearly perfect bilateral gynandromorph of the Great Spangled fritillary! The wings on the left side of the butterfly were bright orange and male while those on the right were slightly broader in

shed a little more light on the subjects of albinism and gynandromorphism in *Speyeria* species of fritillary or other Lepidoptera.



Former Treasurer Incapacitated

by Ron Leuschner



I have just received word that our former Treasurer, Fay Karpoleon, is confined to his home due to severe dementia or Alzheimer's disease. Fay never recovered from the shock of the death of his wife, Joyce, over two years ago. He is being cared for by an older son and daughter-in-law. Plans are to take him with them to their home in Fairbanks, Alaska in March.

In happier times, Fay and Joyce will be remembered as the hit of the Lepidopterists' 1979 North Slope (Alaska) field trip. They had the foresight to bring a large carton of crackers which were liberally shared. What a treat a saltine was after days of rain and dried trail food...I was there too.

Strymon oreala (Hewitson, 1868) (Lepidoptera: Lycaenidae) reared from flower of the Bromeliad, *Quesnelia lateralis* in Southern Brazil.

by K.P. Bland
35 Charterhall Road
Edinburgh, EH9 3HS, Scotland

While studying Bromeliads growing in the elphin tree zone at 1550m in the Serra Macae de Cima of southern Brazil on 30 March 1991, Ms. Veronica Harris and Ms. Valerie Hunter came across two caterpillars feeding in the flowers of *Quesnelia lateralis* Wawra, 1880. The larvae were immediately recognizable as those of a Lycaenid butterfly. The larvae were pink in color and perfectly matched the pale centers of the red *Quesnelia* flowers. The frass they produced was also pink; thus it was only the feeding damage and the congestion in the flowers that revealed their presence. Both larvae pupated on 9 April 1991 and in due course two male *Strymon oreala* (Hewitson, 1868) emerged on 23 April 1991. The larvae of this species are known to feed preferentially on the flowers and fruits of Bromeliads. It is a known pest of pineapples; boring into the fruits of both the cultivated pineapple (*Ananas comosus* Merr.) and the forest pineapple (*A. silvestris* Veil.) (Lima, 1947; Zikan, 1956; D'Araujo e Silva et al., 1967-68). It has also been reared from *Bromelia anticantha* Bertol and the flowers of a unidentified Bromeliad (R.K. Robbins, pers. comm.) so the present rearing appears to represent a new foodplant.

I am indebted to Mr. Cedric Holmes of the Royal Museums of Scotland, Edinburgh, for identifying the specimens, to Dr. Robert K. Robbins of the Smithsonian Institute, Washington, D.C. for confirming their identity and for additional foodplant information, to the "Bromeliad Ladies" for bringing the specimens to my attention and above all to Mr. David Miller for generous access to his forest reserve.

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New Organization Founded

by Carl Cook
469 Crailhope Road
Center, Kentucky 42214, USA



It seems to be increasingly fashionable to minimize the contributions to the natural sciences made by the so called "amateur" or "avocational" worker. It seems nearly forgotten that virtually all of the great pioneer natural scientists...Audubon, Fabricius, Linnaeus, Rambur, Selys...they were all amateurs.

Today most taxonomic and life history studies are being conducted by amateur scientists on their own time, and at their own expense. Most hold academic degrees in their field of interest, and many are the most

knowledgeable experts on their particular group of study. It is quite ironic that governments use the enormous pool of data assembled by these same workers to help determine the status of possible at-risk fauna and flora, but at the same time they continue to proliferate regulations that make acquiring such data more difficult.

In July 1993, a new organization to be know as the International Scientific Collectors Association (ISCA) was formed in Louisville, Kentucky. It is a membership governed and supported organization with objectives of

addressing all matters of concern to the international community of persons engaged in the pursuit of scientific knowledge derived from collecting data or systematic specimen material in all disciplines of the natural sciences. It will be a primary goal of ISCA to bring better recognition of the important contributions made to science over the years by the traditional avocational collector, and to preserve the traditions and dignity of avocational collecting for scientific purposes as a worthy and honorable pursuit.

The executive council of ISCA consists of :

Council Chairman	Rosser W. Garrison	Azusa, CA
Vice Chairman	J. Benjamin Ziegler	Summit, NJ
Councilman	Ulf Etschberger	Marktleuthern, GERMANY
Councilman	Jack L. Harry	Salt Lake City, UT
Councilman	William Mauffray	Gainesville, FL
Councilman	Todd L. Stout	Bountiful, UT
Executive Director	Carl Cook	Center, KY

Publications and Meetings

On matters of immediate importance and urgency direct mail memos will be forwarded to the membership. The establishment of our own journal is planned as soon as possible. Seminars will be held annually beginning in 1994, preferably they can be held as a specialized working group in connection with meetings of other organizations similarly oriented toward ISCA's objectives.

Are you aware it is a violation of federal regulations to pick up a migratory bird's molted feather from US public land? To pick up certain seashells from the public beaches in some countries? To collect insects in some countries, or to import natural history specimens from these countries, without first purchasing a permit that can cost as much as \$700? Do you know it is a violation of some country's laws for anyone except their own citizens to publish scientific papers about their country's fauna & flora? Did you know you cannot legally remove a dead insect from your auto's grill and add it to your collection in at least one country we know about? As incredulous as it may seem, regulations such as these are being enforced and people are receiving heavy fines and being sent to jail for violations!! ISCA intends to make the public aware of how taxpayer dollars are being spent to enforce such frivolous laws, and begin initiating efforts for reform of regulations deemed seriously counterproductive to scientific research. We will continue to act as a clearing-house to provide information on domestic and international regulations as they apply to scientific usage of natural history material.

Services that ISCA offers its members include: (1) Continuously updated information on the rapidly expanding complexity of restrictions applied to collecting by many countries, and information about permit requirements. As the bureaucratic process encroaches more and more into the scientific research field, it becomes evermore difficult to keep ahead in the "paper chase". ISCA memos are your single best source of information to keep abreast of current regulations; (2) Notification of impending legislative actions which may impact on collecting, or the use of natural history specimens for scientific purposes; (3) Group representation by ISCA at the legislative level, on the viewpoint of our membership regarding new actions and reform proposals affecting our fields of interest; (4) An information sheet providing free listing for wants and exchanges of material for scientific purposes from both individuals and institutions; (5) Personalized guidance on making donations of scientific material to institutions, procedures for applying for IRS tax credits for donating scientific material, and rosters of institutions interested in receiving donated natural history collections.

ISCA will seek to cooperatively address issues of common concern with all other like-minded associations. In particular we look forward to working toward common goals with the two already existing organizations devoted to representing the interests of scientific collecting: The Association of Systematics Collections and the Entomology Collections Network.

Further information about ISCA may be obtained from Executive Director, Carl Cook, at (502) 565-3795, or J. Benjamin Ziegler, at (908) 273-2288, or by writing to the address below.

ISCA solicits your support through membership in our association. Annual dues are \$15 for regular membership, or \$25 or more for contributing membership. Please send dues to The International Scientific Collections Association, 469 Crailhope Road, Center, Kentucky 42214, USA.



Worldwide Terrestrial Arthropod Database to be Developed

by Ron Hodges

Within the past few months a new project has been started in the USDA Systematic Entomology Laboratory: a check list of the terrestrial arthropods of the world, which falls under the aegis of a broader entity, Biosystematic Information on Terrestrial Arthropods (BIOTA).

BIOTA was developed as a project to create a checklist of the insects of the world. It has since assumed a broader meaning and now serves as an umbrella to cover all of the computer-related information resources existing or under development within the Systematic Entomology Laboratory (SEL) of the United States Department of Agriculture.

Information tools underway in the SEL are catalogs (Biosystematic Database of world Diptera, systematic catalog of worldwide cutworm moths), specimen label databases, the Fruit Fly Expert System (automated identification tool for extension specialists and quarantine inspectors), and other automated identification systems. We envision the day when a global network of information databases and other tools developed by a union of individuals and institutions (Including SEL) will exist and when anyone, anywhere will be able to access all available information on a terrestrial arthropod species from his/her computer.

The first project of BIOTA is a check list. A check list has many uses, among them are the following:

1. A check list is a compendium of the known species of a group, literally a phone directory of the biological sciences. It is the first step in any biosystematic or biodiversity program.
2. A check list can be used to investigate fundamental questions of biodiversity. For example, how are species distributed among the biogeographical provinces? Are predator or herbivore groups more diverse?
3. A check list provides stability for names and serves as an authority list of users of biosystematic names.
4. A check list is the first component of any comprehensive biosystematic information system on insects.

5. A check list has vital information for anyone doing biosystematic work on a group of organisms, be it revisionary, curatorial, or biodiversity.

6. The check list in BIOTA provides access to the literature by giving the source of the name (revision, catalog, check list, unpublished data) and an authority who may be contacted to provide further information.

A current check list of all the scientific names (species-, genus-, and family- group names, including synonyms, homonyms, misspellings, and misidentifications) applied to insects and other terrestrial arthropods has the highest priority because it is the backbone of all information services. The check list is an SEL-wide project and is under the supervision of Ronald W. Hodges (chair), Robert W. Poole, and F. Christian Thompson.

The BIOTA check list is divided into four data tables: species, genera, families, and ranges (biogeographic regions). A data entry program has been developed for the use of specialists and other contributors. A manual, which provides full documentation on the check list, accompanies the program.

Each individual contributing to the check list and his/her institutional affiliation will be fully acknowledged. First, there will be an introductory acknowledgment screen in the finished product. Second, each record of each data base contains a memo field. If data are based on the unpublished resources of a contributor, this fact will be noted.

The first two years of the check list project will be spent assembling all of the names of the North American fauna. Data entry will not be restricted to North American species because this is a global project; however, the emphasis will be on the North American fauna. A date for completion of the check list on a world level cannot be estimated accurately because it depends on the collaboration and cooperation of our colleagues throughout the world. Similarly, no accurate estimates of the final size of the project are available. Probably, well over two million names are involved.

The data base will be available on Internet and on CD-ROM.

Contact Ronald W. Hodges [202/382-1778; FAX 202/789-9422]; Systematic Entomology Laboratory, USDA; @NMNH, MRC-168, Washington, DC 20560 USA.

Season Summary Musings

by Ron Leuschner

For the missing states and provinces in the latest Season Summary, I could imagine that some possible responders were worried about their identifications, or the significance of their observations, and just gave up. Don't do that! In my experience, the zone coordinators usually publish something from any report, and will engage in extra correspondence to clear up possible identification problems.

But then we have the South American region, with only one correspondent, namely, me! This is a whole different ballgame! The first thing that hits the typical North American collector who heads south is that MIMICRY IS RAMPANT. Everything is trying to look like something else. Beetles look like ants, moths mimic wasps, and of course, butterflies try to look like other butterflies. Then there is the proliferation of species. Where you have one species of a genus at one site in North America, in the tropics you get half-a-dozen (or more), all very similar, at the same place and time.

The result is that the visitor-collector to South America needs many years to identify what was collected. And when an ID is made (with trepidations, using D'Abrera or Seitz), is that significant? No one wants

to make a report: "I caught lots of pretty butterflies and I don't know what they are."

The bright spot in the confusing picture is Fazenda Rancho Grande in Rondonia, Brasil where George Austin (Nevada State Museum, Las Vegas) has been maintaining a local list for many years, now up to 1400 species (imagine the species of two North Americas in one small spot!). George has an excellent key collection at the Museum in Las Vegas, Nevada, and was quite helpful to me with difficult species (Ithomiines and skippers are the worst). Let your spouse play the slots and visit George at the Museum as I did. This probably won't get any more South American reports for this year's Season Summary, but at least we'll know why.

Papilio hospiton endangered?

by John Tennent
N Yorkshire, ENGLAND

I read with great interest the piece (Lepidopterists' Society NEWS, March/April 1993: 52/3) on the granting of endangered status by the US Fish and Wildlife Service for three foreign butterflies. Although I have visited both Jamaica and the Philippines, I have no experience of *Papilio homerus* or *Papilio chikae*. I do however, have experience of *P. hospiton* on both Corsica and Sardinia and am pleased to report that it remains common on both islands. Since the original description of *hospiton* more than 150 years ago, it has been prized (some, I am sure, would say persecuted!) by collectors. Yet it continues to flourish; its stronghold is remote mountain regions from where it is unlikely to be dislodged by the activities of collectors or even by the greater evil - habitat destruction.

In the UK, those "conservationists" who have the ear of the legislators often display a worrying lack of knowledge. Their hearts are undoubtedly in the right place, but since they believe that all butterfly collecting should be banned and seek (probably with success in the long term) to impose their views on society at large, the noose tightens about the neck of we collectors.

It is particularly interesting therefore, to learn that in determining the status of *hospiton*, the views of such well known and respected entomologists as Mattoni and Descimon were, in effect, apparently overruled by quote data collected by the Science Office of the US Embassy in Rome unquote. One wonders whether these faceless "conservationists" are of the same ilk as those advising the British Government?!

Who Can i.d. Foodplants?

by Scott Miller
Bishop Museum, Honolulu, HI

In response to the frequent question, "How do I find out who can identify my foodplants?", the botanical community has provided a convenient answer in the following book:

Holmgren, P.K. and N.H. Holmgren. 1992. Plant specialists index. Regnum Vegetabile 124. 394 pp.

It can be found in libraries at most major museums, herbaria, and universities, or purchased from the publisher for about US \$50.00: Koeltz Scientific Books, D-6240 Königstein, Germany. It includes indexes by taxonomic name, geographic region, and specialist name. Persons needing identifications should always contact specialists BEFORE sending specimens and should attempt to prepare plant specimens that meet botanical standards.

To an Aging Lepidopterist

by Barb Eisele

*During the week
did you seek
along the creek
to take a peek
at a Hairstreak?*

*They are sleek
with a lovely physique
that is quite unique
and even mystique.*

*There is technique
(not always meek)
at hide-and-seek
near the creek
with a lovely Hairstreak.*

*Life's not bleak
when you're antique
and bones creak
if you seek
a blue Hairstreak.*

...dedicated to my husband Robert Eisele

Announcements and Notices



This is Your Last Issue of the NEWS!

. . . . If you have not paid your dues for 1994

Dues payments received after February 15 1994 must include a \$5 late payment fee if you wish to receive publications that you may have missed.

Do Not Pay Dues By Cash or Endorsed Travelers Checks.

Lost Member

Recent mail sent to Life Member Marc Grocoff of Sterling Heights, Michigan, has been returned by the Postal Service. Information on current address should be sent to Julian Donahue (address on outside back cover).

Caribbean Wildlife Surveys Jamaica 1994

Photographic surveys of Jamaica's wildlife, including moth and butterfly collecting trips, begin on the first Thursday and third Monday in each month. Call 1-800-796-3667, at least 90 days in advance of your intended travel date, for details.

Immigrant Insects and Arachnids: Fauna, Pathways and Impacts

You are invited to participate in a project seeking to gather information on the immigrant arthropods of North America. The goals of this project are: 1) to determine the current status of non-indigenous insects and arachnids in North America; 2) to determine distribution, pathways, and economic/environmental impacts caused by the introduction and spread of non-indigenous arthropods in North America; 3) to compile information on immigrant insects and arachnids and develop a database compatible with the NAIAD (North American Immigrant Arthropod Database).

The development of this database is funded by the National Biological Control Institute (NBCI), USDA/APHIS. The database will be merged with the North American Immigrant Arthropod Database/Western Hemisphere Immigrant Arthropod Database (NAIAD/WHIAD). When completed, it will be available to researchers and the scientific community and will be useful for many applications.

In order to best accomplish this task, participation of all entomologists is encouraged. Documented information, specimens or published records, on immigrant species of insects or arachnids that you have worked on are examples of the kind of data they are seeking. Based on the results of this project, a symposium on immigrant insects and arachnids is projected for 1995. When a date has been set for the symposium, it will be published in the NEWS.

If you are interested in participating in this project or the conference please contact: J. Slusark (NBCI Project), The Pennsylvania State University, Department of Entomology, 501 ASI Building, University Park, PA 16802 USA. phone (814) 863-2865 FAX (814) 865-3048.

Editors Appreciate Diskettes

The Lepidopterists' Society is one of the more inexpensive organizations that one can belong to. However, typing (or word processing as it is now known) is a very large expense for the Society. If you are submitting an article for consideration and inclusion in either the NEWS or the Journal, please include the diskette with the copies of your article

or paper. This saves the Society time and money and insures that your submission will not be unnecessarily delayed.

Lep Soc Member Expelled

The Executive Council has unanimously voted to expell from The Lepidopterists' Society W. Bryce Richfield, of Goleta, California, because of unsatisfactory and unresolved business transactions with Society members.

The Executive Council has unanimously voted to deny reinstatement to The Lepidopterists' Society to Chuck Kondor, of Hales Corner, Wisconsin (d.b.a. Entomological Clearing House) and to Rick Miramon, of New Orleans, Louisiana (neither of whom is currently a Society member) because of unsatisfactory and unresolved business transactions with Society members. Reinstatement would be allowed only after a unanimous affirmative vote of the Council.

William D. Winter, Jr.
Secretary
7 January 1994

Back Issues of Journal Available

A few of the 20 complete sets of the Journal that were assembled in 1989 are still available. Of the 200 Journals from Vol.1 through 46, about 20 are out of print and have been replaced with repro pages. Costs are as follows:

Volumes 1 - 33	\$600.00
Volumes 1 - 46	\$925.00

SHIPPING COSTS ARE ADDITIONAL

Within U.S. (Book Rate, insured)	\$25.00
Outside U.S. (Book Rate, not insured)	\$70.00

The last 15 years of Journals (v. 33 - 47) are available by the volume (\$30.00, postpaid) or single issue (\$8.00, postpaid). Most recent issues of the NEWS are available at \$2 each (latest Membership List is \$5). If you have other special needs, write to the Publication Manager first.

Payment in U.S. dollars made out to The Lepidopterists' Society should accompany all orders. Send orders or inquiries to: Ron Leuschenr, Publications Manager, 1900 John Street, Manhattan Beach, CA 90266 USA.

Catalogs Offer Products for Butterflies!

Several members have brought the Gardens Alive! catalog to the attention of the Editor. Gardens Alive! is a company in Lawrenceburg, Indiana that specializes in "environmentally responsible, organic products for a healthy garden". One page of the catalog is devoted to butterflies. For sale are a package of 10 Painted Lady larvae and their food, a butterfly sugaring platform, 1 pound of Butterfly Nectar ("mix 1 oz. of powdered "nectar" to 20 ozs. of water, and fill the vials on the butterfly sugaring platform"), five individual seed packets of selected perennials or self-seeding annuals to assist you in creating your own Naturalized Garden for Butterfly Caterpillars, and a butterfly hibernation box...that "protects butterflies from birds and other predators, provides shelter for overwintering, and encourages an increasing butterfly population in your garden." In addition, for

ordering any of the products on that page, a 16-page booklet entitled "Butterfly Gardening: How to Attract and Keep Butterflies in Your Garden" will be sent free. It contains "brilliant color photographs of many butterflies, plus lists of plants which attract butterflies or their larvae".

Another company, Gardener's Supply Company in Burlington, Vermont sells a butterfly hibernation box or a combination box and pole. Their ad depicts swallowtails, sulphurs, monarch and an ithomiine butterfly hovering about and perched near a wooden box with slits in it. The ad states that "as their (sic. butterflies') natural hibernation spots have become scarce, we see fewer and fewer of them each year. This Hibernation Box simulates the natural crevices in which butterflies like to hibernate on cool days." It further states that the box has a blue emblem (appears butterfly shaped in the illustration) to help attract butterflies.

Gail Everett (Portland, Maine) wonders, "How can 'hibernation spots have become scarce' when Mourning Cloaks hibernate under the siding of my house? Why hasn't there been any mention in the NEWS or Journal that 'we see fewer...of them each year?' Why does the blue "emblem" attract butterflies; especially why would it attract the Swallowtails and Sulphurs shown in the picture? What are people going to do when they find that what's hibernating in there are not adult Sulphurs and Monarchs (!) but plain brown moth pupae or dead-leaf cocoons, unidentifiable fuzzy black caterpillars, and maybe a spider or two?"

None of the Lep Soc members who brought these to my attention had ordered any of the products.

No More Paper-Cover Memoir #2

All copies of the paper-cover catalog/checklist of Butterflies (Memoir-2) have been sold, so please don't order this. Any orders in the future will be delayed to work out an alternate plan.

There are less than 50 copies of the cloth-cover Memoir-2 remaining. If you want this catalog, better order now before Memoir-2 becomes a rare, out-of-print book.

Contact Ron Leuschenr, Publications Manager. Address on back page.

Fourth Edition of the International Code of Zoological Nomenclature

The International Commission on Zoological Nomenclature proposes to publish a new edition of the Code, taking into account the large number of possible amendments which have been received. It is planned that the Fourth Edition will be published during 1995 and that on 1 January 1996 its provisions will supersede those in the current (1985) edition.

The Commission's Editorial Committee met in Hamburg from 12-16 October 1993 to prepare a discussion draft for the new edition of the Code. Copies of this draft will be sent without charge to all subscribers to the Bulletin of Zoological Nomenclature and to members of the American and European Associations for Zoological Nomenclature. Any other institution or individual may order a copy from the Executive Secretary, I.C.Z.N., c/o The Natural History Museum, Cromwell Road, London SW7 5BD. Bank charges on currency exchange make it uneconomic to charge the cost of printing and postage (£ 3 or US\$5) except for payment in sterling or US dollars. The draft will therefore be sent free of charge, but those able to pay in sterling or US dollars are asked to enclose a cheque for £3 or US\$5 to cover the cost.

Before completing the definitive text of the Fourth Edition, the Commission will (in accordance with Article 16 of its Constitution) carefully consider all comments and suggestions on the draft. Zoologists and others are asked to send these to the Executive Secretary of the Commission at the above address as soon as convenient, and in any event not later than February 1995.

The Hicksville Gregory Museum Celebrates

On April 30th 1993 the Hicksville Gregory Museum celebrated its 30th anniversary. The Gregory Museum was originally founded by Gardiner and Anne Gregory in their home on Cottage Boulevard, Hicksville, New York, and was opened to the public in the spring of 1963.

In 1966 The Gregory Museum was provisionally chartered by the New York State Board of Regents as a non-profit educational institution. In January of 1973 the Gregory Museum moved to its new quarters at the Heitz Place Courthouse. The Heitz Place Courthouse was subsequently placed on the National Register of Historic Places in July of 1974.

The founder of the museum and of the Long Island N.Y. Butterfly and Moth Society, Gardiner Gregory is also a member of the Lepidopterists' Society. In 1978 he retired to his home town of Castine, Maine and in 1983 established an Earth Science museum there. Thousands of butterfly and moth specimens from 28 states and Canadian provinces are on display in both museums. Gardiner was inspired to collect butterflies by *Girl of the Limberlost* a novel by Gene Stratton Porter. At the age of 76 he continues to rear Lepidoptera and sell livestock as well as papered specimens throughout the world.

New Journal

The Ukrainian Entomological Society announces the quarterly publication of their scientific "Journal of Ukrainian Entomological Society". They publish articles containing results of original investigations in the fields of entomology and acarology such as: fauna and systematics; descriptive and comparative morphology; ecology, physiology, behaviour, insect and mite development; entomological aspect of nature conservation; applied (agricultural, technical, medical etc.) entomology; research methods; history of entomology. The Journal will also include eventual items "Information & Chronical", "Reviews", "Field Notes", "Surprise Photo". Papers may be submitted in Ukrainian, Russian, English, German or French.

Volume 1 Number 1 (1993) contained articles about, Hemiptera, Coleoptera, Hymenoptera, insect photography.

Members of the Ukrainian Entomological Society and subscribers publish one paper a year free of charge. Other authors pay for the publication : affiliated \$20/page, unaffiliated \$10/page. Authors of eventual information and photos are exempt from page charges.

Interested persons should contact:

Dr. Victor Fursov
Ukrainian Entomological Society
Institute of Zoology of Ukrainian Academy of Sciences
Kiev, Bogdan Khmelnytskyi Street, 15, 252601, UKRAINE
Commonwealth of Independent States

phone:(044)-224-9333. FAX: (044)-224-1569.

FAX-modem: (044)-224-8372. E-mail: entomol@izoology.kiev.ua

Defenders of Wildlife Spotlights Butterflies

The Fall 1993 issue of *Defenders*, the conservation magazine of Defenders of Wildlife, contains two articles about butterflies. The front cover photo is of a tortoiseshell butterfly, the back cover photo is an ithomiine. The articles are: a six page article by Dennis Murphy entitled "California's Vanishing Butterflies" and a 7-page article entitled "The Boom in Butterfly Watching" by Jack Connor. Both articles contain photos of butterflies. Single copies are available for \$3 and may be obtained by writing to Defenders of Wildlife, 1244 Nineteenth Street, N.W., Washington, D.C. 20036.



Research Notices

For molecular systematic studies of heliothine Noctuidae, we are seeking alcohol-preserved specimens of species in the genera listed below. We will provide collecting supplies and instructions, and a modest cash reward for specimens obtained. Contact Charles Mitter, Department of Entomology, University of Maryland, College Park, MD 20742; Phone 301-405-3957; FAX 301 314 9290. Genera of interest include *Baptarma*, *Erythroecia*, *Pyrrhia*, *Derrima*, *Microhelia*, and *Rhodococia*.

Arctiid Research WANTED: Ova, larvae, pupae, or adult Arctiidae for Behavioral Research, especially *Cosmosoma myrodora*, *Syntomeida ipomoeae*, and *Composia fidelissima*. Will buy or trade for Ecuadorian arctiids (papered). Please contact Bill Conner, Department of Biology, Wake Forest University, Box 7325 Reynolda Station, Winston-Salem, NC 27109. Phone 919-759-5023. FAX: 919-759-6008.

Request for Information - During the winter of 1989-90 I constructed an insect trap utilizing a 15 watt fluorescent blacklight. It is designed so that specimens attracted to the light are funneled into a somewhat spacious compartment partially filled with open, inverted egg cartons. The abundance of hiding places thus created coupled with the generally cool nights at this elevation has provided me with many fine specimens which might otherwise have damaged themselves considerably in a trap designed to catch living material.

I have (to date) captured representatives of 213 species of noctuid moths. Many are strong resident species, but many are single captures and may be extralimital records. The trap has been in operation almost every night for the past four years. This has provided me with an exciting and comprehensive picture of the local noctuid fauna, and I am continually impressed by the appearance of species from year to year which I have not seen before.

I would like to invite correspondence from persons interested in noctuids, especially those who may be able to provide data concerning the known distribution of western species. Stephen S. Miller, 20530 Dog Bar Rd., Grass Valley, CA 95949-9516.

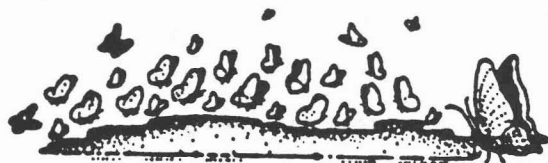
REQUEST FOR INFORMATION - Seeking insect stories: The BBC Natural History Unit in Bristol, UK has recently embarked on a major new six-part series exclusively about insects. The series will take a "science fiction" style look at the alien world of insects. Visually stunning computer effects mixed with live action are one strength of the series. The other is provided by the insects themselves - extraordinary

creatures carrying on extraordinary lives, most of which have never been previously filmed.

Our aim is to seek out the most new, exciting and bizarre insect stories to include in six programmes with the following themes: - insect design, reproduction, feeding, migration and dispersal, social insects and man/insect interactions. We are particularly keen to film mass migrations of butterflies other than the famous Monarch Butterflies of Mexico. We would therefore be pleased to hear from anyone who either has some good insect stories or could notify us of any visually spectacular butterfly migration they may be observing that we could get to quickly to film. If you are able to help with either of these requests please contact: Wendy Darke (Tel: 44 272 742164) or Ian Gray (Tel: 44 272 742428) FAX no: 44 272 237708. BBC Natural History Unit, Broadcasting House, Whiteladies road, Bristol, BS8 2LR, UK.

Skippers WANTED for genitalia photography. I am dissecting and photographing the genitalia of male North American (primarily N of Mexico) skippers, with a view to preparing a book on the subject. If you will send pinned or papered specimens, I will return them, intact except for part of the abdomen, together with the dismantled genitalia preparation (uncus, valvae, etc.) and an 8" X 10" photograph of the preparation in successive stages of dissection. Alternatively, we can exchange. For a list of skippers that I already have and therefore don't need, and an exchange list (mostly Western US), contact Roderick K. Clayton, 4176 Inglewood Blvd. Apt. 9, Los Angeles, CA 90066.

WANTED: Specimens and information about specimens of *Axenus arvalis* from Colorado or anywhere in the Rocky Mountains. I do not need specimens from California. *Axenus arvalis* is a small gray day-flying noctuid that is figured in Holland's Moth Book, plate 27, figure 57. Only three specimens are currently known from Colorado, all from Park County. They were collected in July at 10,000 feet. Please reply ASAP to Eric Metzler, 1241 Kildale Sq. N., Columbus, Ohio 43229-1306. USA.



Forthcoming Meetings

New York Natural History Conference III will be held Wednesday April 13 and Saturday April 16 1994 at the New York State Museum in Albany, New York. Featured are natural history workshops for educators, students, researchers, and others. Some workshops will be given both days. Topics include Air-born Pollen and Mold Allergens, Aquatic Oligochaete and Chironomid Identification, Caterpillar Identification, DNA Extraction, Fish Identification, Liverwort Identification, Northeastern Freshwater Snails, Northeastern Orchid Identification and Wildlife Rehabilitation. Workshop fees range from \$15 to \$50. If interested contact The New York Natural History Conference III, The New York State Museum, 3132 Cultural Education Center, Albany, NY 12230 or call (518) 474-5812.

Native Grasslands and Heathlands of the Northeast conference will be held Thursday and Friday 21-22 April 1994 at the University of Massachusetts, Amherst, Massachusetts. Sponsored by The Massachusetts Audubon Society and the University of Massachusetts, the conference on native upland grassland and

heathland ecosystems will include the following topics: rare flora and fauna, grassland management and restoration, re-introduction of extirpated butterflies, influence of fire on grasslands, habitat selection of breeding and wintering hawks and owls, population trends of grassland birds, and historical perspectives on grassland flora in New England. For more information contact Andrea Jones, Massachusetts Audubon Society, 208 South Great Road, Lincoln, MA 01773; 617-259-9500, ext. 7401.

Pacific Slope Section of the Lepidopterists' Society will meet beginning Friday evening, 10 June 1994 through 12 June. Sessions will be held at Circle X Ranch in the Santa Monica Mountains National Recreation Area.

Circle X Ranch is situated in a rich chaparral habitat in the still pristine western end of the Santa Monica Mountains just below Sandstone Peak, the highest point in the mountains. The ranch offers meeting facilities, adjacent group camping in a chaparral area, and individual camping sites in a riparian habitat. The meeting dates coincide with the new moon, and collecting permits have been obtained for both diurnal and nocturnal collecting in the National Recreation Area. Other accommodations will be available for those who do not wish to camp.

The program will include a symposium on the Lepidoptera and ecology of the Santa Monica Mountains and nearby Channel Islands. The Santa Monica Mountains range from the heart of Los Angeles to Ventura county, with the northern Channel Islands extending beyond. The mountains are surprisingly poorly studied, considering they lie within one of the largest metropolitan areas in the world. Papers on other Lepidopteral subjects are encouraged, including conservation, protection and student papers.

While you are in Los Angeles, visit the Los Angeles County Museum of Natural History. An alternate kids' nature program is planned for Saturday.

Enjoy a June weekend in Malibu, with fun, camaraderie, parties, field trips, mothing and interesting presentations. For further information and a registration package, write Paul and Sandy Russell, 4244 Avenida de La Encinal, Malibu, CA 90265, FAX (310)457-4149.

●●●●● Due to a major fire in Santa Monica Mountains, the location for the meeting will be changed to another location in the area. Dates will remain the same. ●●●●●

45th Annual Meeting of The Lepidopterists' Society will be held 5-7 August at Calaway Gardens in Pine Mountain, Georgia.

Lepidopterists' Society 1994 Annual Photo Contest:

The Education Committee of the Lepidopterists' Society invites you to enter the 1994 Annual Photo Contest. Cash prizes will be awarded in three categories. Public showing will be held as part of the 1994 Lepidopterists' Society Annual Meeting. Winning photos will be published in a 1995 issue of the NEWS.

Categories: (A) Butterflies (B) Moths (C) Life history sequence or individual photos of larvae and pupae.

Prizes: Cash prizes for each category: First Prize, \$100, Second Prize \$50, and Third Prize of \$25. Best in Show will receive an engraved plaque.

Entry fee: \$5.00 payable in U.S. funds for each category

Deadline: 1 July 1994

Conditions of Entry

1. Only color prints will be accepted. Prints must be mounted on 8" x

10" or 11" x 14" cardboard mounts which may or may not be matted. Prints may or may not be processed commercially. Original color slides (35mm or larger) or 4" x 5" prints should be available for publication in the event of prize award.

2. Entrants should make copies of all prints and slides in case of loss. The Lepidopterists' Society is not responsible for loss of photographic materials in the mail. Foreign entrants should label packages, "Photographs for exhibit only. To be returned to sender. No commercial value." Overseas entrants are encouraged to forward entries at least 40 days in advance of the closing date.

3. Up to four color photos may be submitted in categories A and B, and no more than one sequence (up to 5 prints) or four individual photos in category C. All subjects must be live specimens photographed in natural settings. Previously published photographs are acceptable.

4. An entry form (see below) with the proper return address and phone number must accompany each entry and be placed on back of each print. A brief caption describing the species illustrated, (if known), particular activity, habitat, locality and date (month and year) listed. Other pertinent information concerning the camera and lens used, exposure data (if known), and type of film should also be included.

5. Each entry must be accompanied by a self addressed stamped envelope for return of prints. Every entry will be treated with reasonable care and meeting organizers will make every effort to return said entries promptly. Neither The Lepidopterists' Society nor the host meeting committee will be held liable for damage in transport or other accidental damage.

6. Total number of prints will be held to space available for the exhibit and will be based on the date received. All award winners and those deemed of special interest by the judging panel will be displayed.

7. A panel of three judges (including one non-lepidopterist) will score prints in or out until the total number of prints to space available is reached. Each photographic print will be evaluated for composition, artistic factor, technical factor, action, and personal preference of the judge with the points heavily weighted toward pictorial quality. Photographs of artificially produced or mounted specimens, wet arrangements or contrary to the accompanying caption are not eligible. Human elements will not be acceptable. Awards will be granted to Best in each Category and Best in Show. Honorable Mention ribbons will be given to 10% of the accepted prints.

Only current members of The Lepidopterists' Society may compete (\$25 membership fee per year). Submissions must include a return postage paid and self addressed envelope. The Lepidopterists' Society will not be responsible for entries submitted without return postage. Neither judges nor members of the Education Committee are eligible for the competition.

5th European Congress of Entomology will be hosted by the Royal Entomological Society, 29 August through 2 September 1994 at the University of York, United Kingdom. Broadly interpreted themes include: Insect life histories; Habitat management, creation & restoration, Population processes & spatial dynamics, Biodiversity: Does taxonomy matter?, Management of pests & beneficial insects and Insects as indicators of environmental quality. Offers of papers and workshops welcome. The European Congress takes place at four year intervals and is the only forum to cover Entomology in its widest sense across Europe. For details and further mailings contact IFAB Communications, Institute for Applied biology, University of York, York YO1 5DD, UK. Phone: +44 (0)904 432940 FAX: +44 (0)904 432917

1994 Annual Photo Contest Entry Form

Member Lep. Soc. Yes No

Name _____

Address _____

City, State,
Zip, Country _____

Print or
Sequence Title _____
Caption
Information _____

Camera, photographic
comments _____

Fee received _____ (Lep. Soc. Membership Fee Included _____)

Entry number _____

Mail entry to: Education Committee
c/o Dr. J.Y. Miller
Allyn Museum of Entomology/FLAMNH
Sarasota, FL 34234 USA

Public showing will be held as part of the 1994 Annual Meeting of The Lepidopterists' Society, 5-7 August at Callaway Gardens in Pine Mountain, Georgia.



1994 - The 9th European Congress of Lepidopterology is scheduled for 5 - 9 September 1994. The Congress will be held at "Lednice na Morave", Czechoslovakia.

The Council of the Societas Europaea Lepidopterologica kindly invites all SEL members to attend the 9th European congress of Lepidopterology to be held in Lednice na Moravě (Czechia) from 5 to 9 September 1994. The site of the congress is Faculty of Horticulture, University of Agriculture, and is situated about 10 km westward from the traffic crossway Břeclav, southern Moravia.

The address for correspondence: Department of Zoology and Bee

Keeping, University of Agriculture, Zemědělská 1, 613 00 Brno, Czechia (Tel. +42-5-5164, Telefax +42-5-578427 or +42-5-576392). The address of the congress site (about 60 km southward from Brno): Faculty of Horticulture, University of Agriculture, 691 44 Lednice Na Moravě (Tel. +42-627-98210, Telefax +42-627-98411).

The preliminary congress fees amount to 150 - 200 DM. Definite fees will be announced to participants according to 1994 prices (possible price changes up to 1994).

Sections and workshops will be arranged according to registration of papers sent. The following topics are specially invited: General and special problems of taxonomy and evolution; Ecology, endangered species and species protection; Holarctic zoogeography and local faunistics; New discoveries in Micro-lepidoptera; Applied lepidopterology.

The deadline for sending abstracts and posters is 28th February 1994. The instructions together with a letter of information will be sent to the individual contributors in January 1994.

The excursions and collecting excursions. In the environment and surrounding of the congress site numerous monuments of both culture and history are found. Observation and collecting of Lepidoptera will be possible in a wide variety of local habitats (steppe-like treeless habitats of xerothermic character, rocky habitats, dry and lowland forests, meadows, swamps etc.)

Within the scope of the 1994-Congress, a Computer-Workshop will be organized. The aim is to discuss the impact of the use of computers in entomology. In order to plan and organize ahead, we now already ask for contributions to the discussions. In order to allow technical and chronological planning, we need the following information from all participants who wish to contribute to the discussions: Author, title (at least the title of the work of the communication), summary of the communication, Technical needs (development system, hardware, capacity, etc.) These communications should not exceed 15-20 minutes to allow time for as many contributions as possible. The persons interested should contact us at one of the following addresses: Ulf Buchsbaum, Öko-Service-Institut, Schlossgasse 8, D(O)-5305 Kranichfeld, Germany [Tel: Kranichfeld 2301] or Ugo Dall'Asta, Musée royal de l'Afrique Centrale, Steenweg op Leuven 13, B-3080 Tervuren, Belgium, [Tel: +32-2-769.53.73 (direct line)].

If you are interested in attending the Congress at all, please contact the above address as soon as possible. Include your name, address, phone#, Fax#, names of accompanying person(s), indicate whether you wish to present a poster or paper of twenty minutes long, sign it and date it.

An international symposium "**Butterfly Ecology and Evolution**" will be held 10 - 12 October 1994 at Stockholm University, Sweden. Preliminary list of speakers include Carol Boggs, Mamuro Watanabe, Konrad Fiedler, Richard Vane-Wright, John Thompson, Paul Brakefield. For details write to Dr. Bengt Karlsson or Dr. Sören Nylin, Department of Zoology, University of Stockholm, S-106 91 Stockholm. FAX: +46-8-167715.

1996 - **20th International Congress of Entomology** will be held in Florence, Italy, August 25-31, 1996. The scientific program will be arranged in sections including Systematics and Phylogeny, Zoogeography, Morphology, Reproduction and Development, Cell Biology, Physiology and Biochemistry, Insect Neurosciences, Insect Immunity, Genetics and Evolutionary Entomology, Insect Molecular biology and Genetic Engineering, Ecology and Population Dynamics, Special Environments Entomology, Ethology, Social Insects, Apidology and Sericulture,

Agricultural Entomology, Forest Entomology, Tropical Entomology, Urban and Stored Products Entomology, Ecology of Pesticides, Resistance and Toxicology, Entomophagous Insects and Biological Control, General and Applied Insect Pathology, Integrated Pest Management, Medical and Veterinary Entomology, Biodiversity and Conservation, History of Entomology, Entomology for the Third Millennium - Critical Issues. There will also be workshops, plenary symposia, audio-visual sessions, poster sessions. If you are interested in more information write to the Congress Organizing Secretariat O.I.C., Via a La Marmora, 24; 50121 Florence (Italy). (Telephone ++39-55.5000631 or FAX ++39-55.5001912.

Corrections and Minor Changes to the 1992 Membership Directory

(make appropriate changes in Alphabetical List of Members)

New & Reinstated Members

(NOT included in 1992 Membership Directory; all in U.S.A. unless noted otherwise)

Abraham, Jacob (M.D.): 314 West 101st Street, #4, New York, NY 10025.

Boyer, Pierre: Lotissement L'Horizon, F-13610 Le Puy Sainte Reparde, FRANCE.

Ron Delshad, Morteza: Ministry of Economic Affairs and finance, Bob Homayoon Avenue, Tehran 11149-41141, IRAN.

Gordon, Isabel: 58 South Turkey Hill road, Green's Farms, CT 06436.

Grisham, C. Howard: 573 Ohatchee Road, Huntsville, AL 35811.

Kasnetz, Heath: 2711 Hibernia, Dallas, TX 75204-2555.

LeMoine, Christian 4 Allee Bellevue, 49560 Cpere s/Layon, FRANCE.

Marcangelo, Judie: 4003 Shores Court, Arlington, TX 76016.

Qulli, Gioacchino via Ferraroito 7, 95125 Carmani, ITALY.

Rigby, Martin G. (Dr.): 13652 Carlsbad Drive, Santa Ana, CA 92705.

Rillo, Imogene L.: P.O. Box 2226, Manila 1099, PHILIPPINES.

Salazar, E., Julian A.: Carrera 17a, #43-13 (Las Americas), Manizales, Caldas, COLOMBIA.

Swanson, Henry F.: 1531 Norfolk Avenue, Winter Park, FL 32789.

Wilson, Sandra: 2036 Allen Place NW, Washington, DC 20009.

Address Changes

(all U.S.A. unless noted otherwise)



Lenczewski, Barbara: 4683 Autumn Woods Way, Tallahassee, FL 32303-6719.

Maeki, Kodo: Tarumicho-1-25-11, Suita, Osaka-Fu 564, JAPAN.

Wolf, Amy: 200 Atrium Way, #215, Davis, CA 95616-5140.

The Market Place

Buy • Sell • Exchange • Wants



BUY - SELL - EXCHANGE: POLICY STATEMENT

At the Executive Council meeting in Fairbanks in June 1979 it was decided that the policy regarding placement of members' notices in the NEWS should be determined by the Editor, in keeping with the purposes of the Society as outlined in the Constitution, i.e.; "...to promote the science of

lepidopterology; ...to facilitate the exchange of specimens and ideas by both the professional worker and the amateur in the field, ..." (Article II). Commerce in lepidoptera is not a stated objective.

Therefore, it will be our policy to print notices which seem to meet the above criteria, just as in the past, without quoting prices (except for those of publications or lists). Notices which seem by their listing of offertia/desiderata, or by an organizational title, to be commercial in nature, will be entered in a separate section as "commercial notices", listing only name, address, and a brief indication as to material offered/desired. No mention may be made in these notices of any species on any federal threatened or endangered species list. This will include all Ornithopterans now and for the foreseeable future.

Only members in good standing may place ads. Ads will be printed only once unless entry in two (maximum) successive issues is requested. A maximum of 100 words is allowed. SASE in an ad stands for self-addressed stamped envelope. Ads may request bids by mail on a time-limited "best-offer" basis. OBO in an ad stands for "or best offer". For example: "Watching Washington Butterflies, by Pyle, 1974. \$10 OBO received by 1 Dec 1994".

The Society, as always, expects all notices to be offered in good faith and takes no responsibility for the integrity and legality of any advertiser. Any disputes arising from such notices must be resolved by the parties involved, outside the structure of the Society. However, aggrieved members may request information from the Secretary regarding steps which he/she may take in the event of alleged unsatisfactory business transactions. Furthermore, given adequate indication of dishonest activity by a member, that member can be expelled from the Society under the provisions of Article III, Section 9, of the Constitution.

Note: US Department of Agriculture (USDA) may require permits for transport of live Lepidoptera in any stage. Please inquire of your state department of agriculture and/or PPQAPHUS, Hyattsville, Maryland. Additionally, there are laws restricting the collecting/import/export of certain species in certain countries and the buyer should take the responsibility for being aware of these and all permits necessary to import, export, obtain or possess these species.

FOR SALE: *Colophon westwoodi* ♂, *Cheloderus peñai* ♂, *Cyclommatus elaphus* ♂ 8.5 cm, *Lucanus parryi* ♂, *Neolucanus sinicus* ♂, *Chrysocroa tonkinensis* (Vietnam), *Odontolabil spectabilis*, *O. gracilis*, *Prosopocoilus moinieri*, *Dorcus moinieri*, *Aegus lunatus*, *A. amictus*, *Chalcosoma caucasus belangeri*, *C. c. crassicornis*, *anoplophora birmanica*, *A. elegans*. Also WANTED: All species of US Lucanidae and Prioninae. Chris Adamson, 5010 Solano Ave., Richmond, CA 94805. Phone: 510-233-3098.

FOR SALE: Valuable Butterfly Collection. Many rare specimens. 7,400 items plus vault. Contact: Ron Lasky, 9800 National Blvd. Apt # 18, Los Angeles, CA 90034 or call (310) 837-1434.

FOR SALE/EXCHANGE: Pupae of *C. regalis*, *E. imperialis*, *S. cynthia*, *A. luna* and several others. (Sorry, no *C. angulifera* this season) All obtained from wild parents in or around Philadelphia area. Send SASE to: Edward J. Somers, 81 Foster Ave., Sharon Hill, PA 19079-1908 or call at (215) 461-0737.

NEW PUBLICATION ON AGAPEMA FOR SALE Copies of "A review of the genus *Agapema* (Lepidoptera: Saturniidae)" (1993, Proc. Denver Mus. Nat. Hist., Series 3, No. 3: 1-22) by R. S. Peigler and R. O. Kendall, may be obtained for \$5.00 each postpaid for Archives Department-Proceedings, Denver Museum of Natural History, 2001 Colorado Boulevard, Denver CO 80205-5798. Make Checks payable to Denver Museum of Natural History. In this paper a new species is described from Texas and some nomenclatural changes are made for other species in the genus.

WANTED: *Papilio International* (A Journal of Entomology) (Denmark)

1983-1989? complete set. I need 5 sets. Contact Hiroto Hanafusa, 6888-2, Tashima, Tottori-shi, Tottori, 680 Japan.

FOR SALE/ TRADE: Livestock *A. polyphemus*, *H. cecropia*, *C. promethea*, *A. luna*, *P. troilus*, *P. cresphontes*, *P. polyxenes*, *L. archippus* (hibernaculum), *Anisota senatoria* (pupae). SASE for prices. Wally Buttrick, Bx. 367, Ada, Michigan 49301 (or phone: 616 957 3748)

FOR SALE OR EXCHANGE: Specimens of *Sasakia fumebris* (bred - ex pupae), *Agrias phalcidon* including *itaituba*, *fournierae*, *viola* and other forms. Write to John McFeely, 90, Stonechat Avenue, Abbeydale, Gloucester, GL4 9XF. England.

FOR SALE: Cocoons of *A. luna*, *A. io*, and probably *S. cynthia*, *C. promethea*, and *Papilio glaucus*. SASE for prices. Larry J. Kopp, R.D. 1 - Box 30, Klingerstown, PA 17941-9718.

WANTED: Seeds or healthy rootstock of the following aquatic/water plants: Quillwort (*Isoetes engelmanni*), Giant Bur-Reed (*Sparganium eurycarpum*), Reed Grass (*Phragmites communis*), Saw Grass (*Cladium jamaicensis*), Mud Plantain (*Heteranthera dubia*), Water Oak (*Quercus nigra*), Sweet Gale (*Myrica gale*), Black or Red Mangrove (*Avicennia officinalis*? *Rhizophora officinalis* and *Stratiotes aloides*). ALSO WANTED: Seeds/Acorns of Evergreen Oak species. Especially myrtle oak (*Quercus myrtifolia*) and laurel oak (*Quercus laurifolia*). Contact: Randy Robinette, 4528 Hatfield Street, Ashland, KY 41102-9154 USA

FOR SALE: Light Traps, 12 volt DC or 110 volt AC with 15 watt or 8 watt black lights. Portable, easy to use traps. Rain drains and beetle screens protect specimens from damage. Request free brochure and price list. ALSO FOR SALE: Custom made light fixtures for permanent and/or stationary light traps. Stainless steel design; Mercury vapor, sun lamp, Black light and black light Dark; together or any combination; Electrical control with photo-cells and/or timers. Includes plans for enclosures with rain drains and sorting trays. For more information contact: Leroy Koehn, 6058 Campbell Rd., Mentor on the Lake, OH 44060; Phone 216-257-0796.

WANTED: Old entomology and/or biology books by such authors as the following: Eleazor Albin, William Distant, Dru Drury, Pliny (Natural Historie), Thomas Say, Adalbart Seitz, Otto Staudinger, Herman Strecker, Jan Swammerdam, James Thomson, and John Westwood. Other well-illustrated books considered. Also old herbals. Contact Tom Taylor, P.O. Box 8042, New Haven CT 06530.

FOR SALE OR EXCHANGE: *H. cecropia* cocoons. Call Nathan or Bob Barry 716-682-4285 Albion NY.

FOR SALE: Cocoons of *Eupackardia calleta* - fine cocoons from Eastern Arizona stock. They were reared in late summer on Cheyenne privet which they consumed with mucho gusto. Write Bruce Duncan, 10132 Buttercup Drive, Sandy, Utah 84092 or phone (801) 571-6772.

FOR SALE: Dead specimens of *Lymantria dispar* L. from various localities in western CHINA, in good condition and great for research. A good opportunity to examine samples of this important forest pest from geographic areas hard to reach! Please contact: Yu-Feng Hsu, Dept. of Entomol. Sci., University of California, Berkeley, CA 94720.

FOR SALE: Bait traps in 2 forms available. Also can be modified for collecting areas. Inquire Wm. Ward, 1474 Melbourne Dr. SE, Girard, Ohio 44420. Phone 216-539-5374.

FOR SALE/EXCHANGE: Cocoons/pupae of *S. cynthia*, *P. z. zelicaon*, *P. coloro*, *P. g. glaucus* from black ♀, *H. columbia* and a few others. Many papered specimens from USA and Canada. Mostly reared material. Need livestock of Saturniids, *Papilio*s, Lycaenidae and papered specimens of most groups. Interested only in N. American material. SASE please. Frank Bodnar, 1201 Ridge Rd, Apollo, PA 15613. or phone (412) 478-3824.

FOR SALE: Large selection of Iranian butterflies with perfect quality and data. All *Louristana* spp; *Hyp. helios bushirica*, *A. apollinaria*, *P. alexanor*, etc. Plus many interesting species from other families with fair prices. Many local rare species are allowed. Write for my free large price list. Ahmad Karbalaye, Darvazeh Shemiran Baharastan Ave. 365, Tehran, IRAN.

WANTED: Desperately seeking: Ferguson, D.C. 1955, The Lepidoptera of Nova Scotia, and Morris, R.F. 1980 Butterflies and Moths of Newfoundland and Labrador. I am also interested in purchasing used copies of The Moths of America North of Mexico. All fascicles needed. Contact Kirk Zufelt, Unit 15, 475 Sandringham Cr., London, Ontario, CANADA N6C 5B9 or phone collect (519) 685-7164.

WANTED: Copies of the following books by Samuel H. Scudder: [1] Brief guide to the commoner butterflies of the Northern United States and Canada (1893), [2] Everyday butterflies, a group of biographies (1899), [3] The life of a butterfly (1893). State price and condition. David C. Iftner, 8 Alpine Trail, sparta, New Jersey 07871.

MEMBER'S COMMERCIAL NOTICES



TRANSWORLD BUTTERFLY COMPANY, Apartado 6951, 1000L San Jose, Costa Rica, Central America: Our NEW 12-PAGE LEPIDOPTERA CATALOG includes Neotropical, African, Palearctic and Indo-australian region butterflies. Specialists in Morphidae and Papilionidae including many bred or ranches specimens. Transworld Butterfly Company has been serving Lepidopterists worldwide for over 18 years. Latest catalog \$1 (or) one year's Catalogs + Newsletters \$6.

E.W. CLASSEY LTD., P.O. BOX 93, FARINGDON, OXFORDSHIRE, SN7 7DR, ENGLAND. Tel: 44 367 820399 Fax: 44 367 820429. For publication early 1994. A FIELD GUIDE TO THE SMALLER MOTHS OF SOUTHEAST ASIA by G.S. Robinson, K.R. Tuck & M. Shaffer. 32 color plates. Prices expected to be under \$30 including p&p. THE BUTTERFLIES OF THE MALAY PENINSULA. 4th edition revised; available at £42.50 (c.\$64.00). With 64 colour plates and 6 plain plates. Text illustrations. Our latest catalogue has an interesting selection of New & Forthcoming, Used/Antiquarian entomological books. We also have the best search service available. Major credit cards and collar cheques accepted. Established in 1949 we now deal with over 80 countries worldwide.

ALEXEI G. BELIK - pr. ENTUZIASTOV, 29, kv. 237 - 410049, SARATOV, 49 - RUSSIA. For sale!!! BUTTERFLIES AND BEETLES - DIRECTLY FROM RUSSIA! Many *Parnassius*, *Colias*, *Erebia*, *Oeneis*, other butterflies (Satyridae, Nymphalidae, etc.) Also some beetles (*Carabus*, etc.), both rarities and common species from siberia, Far East, Central Asia of the late USSR. You can find in our NEW CATALOGUE - EXCELLENT QUALITY for REASONABLE PRICES. For catalogue please send US \$1 for postage.

MORPHO VENTURES, 175 HUMPHREY STREET, MARBLEHEAD, MA 01945. phone: 1 (800) 484-7347 Ext. 1324, FAX: (617) 581-5904. Quality Insect pins, Cornell Drawers etc. Best prices in the US guaranteed! Call or write for free samples and price list.

J. OLIVE - REGISTERED BUTTERFLY BREEDERS - P.O. BOX 206, TRINITY BEACH, CAIRNS, AUSTRALIA - 4879. PHONE: 61-70-576527 or FAX: 61-70-577152. Unique Specimens For Sale: unique aberrant specimens of fantastic, rare, exotic butterfly!!!! CITES-approved! Registered Butterfly Breeders - Queensland National Parks and Wildlife Service. Lised to breed this butterfly. For further information please contact: J. Olive at above address and phone or fax.

GERD BENTZ, KARL-MARX-STR. 8, 66540 NEUNKIRCHEN, GERMANY. FAX 6821-59388. FOR SALE: Large selection of Lepidoptera and Coleoptera. Please write for free catalogue with over 1800 different species. We have good prices.

GRANADA GALLERY, 1809 E. COLONIAL DRIVE, ORLANDO FLORIDA 32803. PHONE (407) 894-2771. COLLECTOR ART PRINTS BY CARL BRENDERS- the Butterfly Collection of 18 limited edition fine art prints, each signed and numbered by renowned wildlife artist Carl Brenders, acclaimed for lifelike realism. The Exotic Group, the first set of six prints is now available, limited to only 290 sets; subscribers will have priority for matching numbers in two subsequent sets (released in late 1993). "Superbly executed", according to Jacqueline Miller. For free brochure, write or call Granada Gallery.

Remember...

Watch for Large Monarchs!

Last summer a July 21 issue of the Weekly World News reported that a 6 ft., 18 lb. monarch butterfly was shot down in Arkansas. At that time, the Weekly World News offered \$10,000 for the exclusive rights to pictures and the story of anyone who could produce the carcass of a "bigger bug".

Those of you who are traveling to the Lepidopterist's Society meeting to be held in Pine Mountain, Georgia...here's the opportunity of a lifetime! As you travel across country keep your eyes peeled for more individuals of this size. Larvae or adults should be relatively easy to spot.

Imagine the possibilities! Amaze other Lepidopterists! Bring the specimen to the meeting! We will want to know how you managed to subdue it! You could conduct research to perhaps discover how and why the specimen in last summer's article possessed androconia, yet "insect expert" John Kent determined it to be female! You could become a hero if you discovered how to prevent the resulting caterpillars from eating crops and leveling farms as Kent claimed they could! Become slightly rich by submitting the carcass to a panel of Weekly World News experts for analysis!

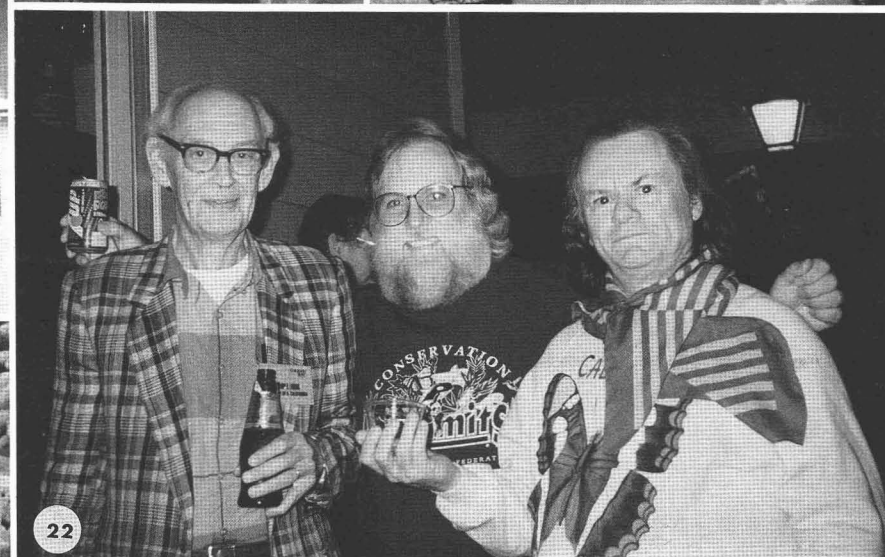
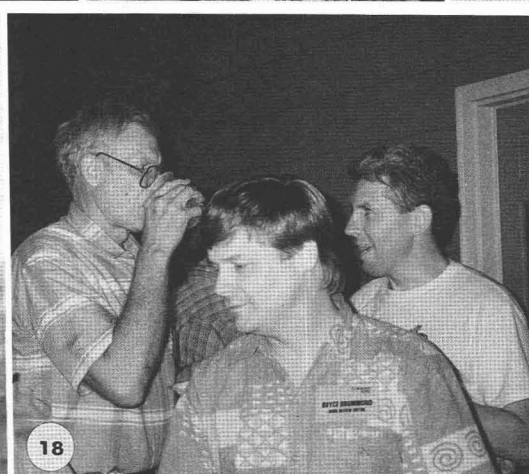
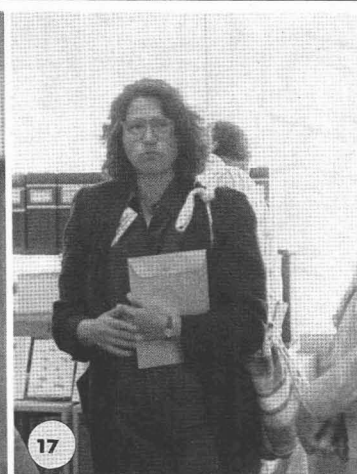
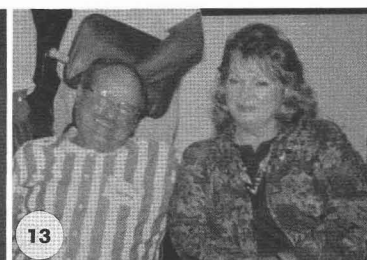
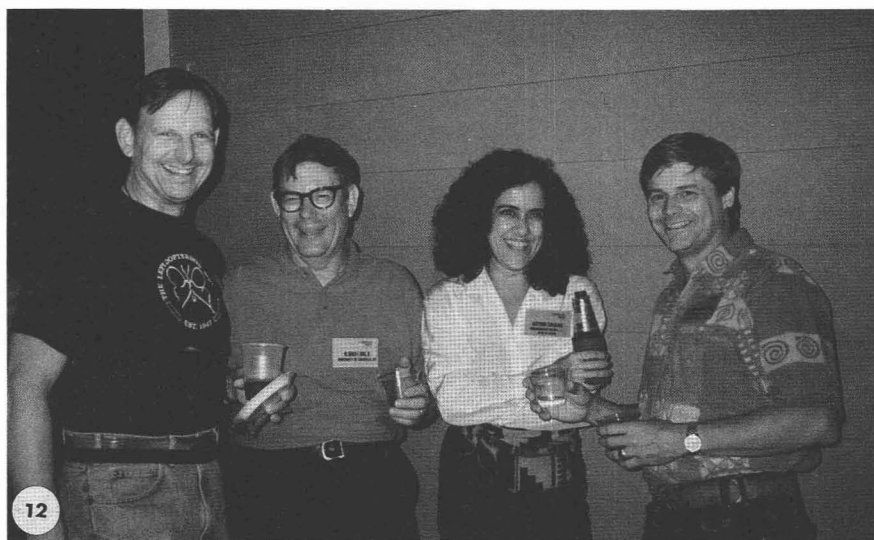
A last reminder...Billy Keener bagged his monarch with a .22 revolver on his farm east of Little Rock in central Arkansas. His first indication of the insect was seeing its large shadow followed by his hearing it as it flew overhead. It reportedly made a "whooshing" noise like a helicopter.

1993 Lep. Soc. Meeting - Ft. Collins Colorado



1-June and Floyd Preston. 2-President Paul Opler receiving the ceremonial "deely-bobbers" from immediate past president, Ray Stanford. 3-Yves-Pascal Dion. 4-Jim Scott. 5-Don Davis 6-Suzette Slocomb. 7-Andy Warren and David Iftner 8-Dave Winter 9-Joel Johnson 10-Victor Sarto i Monteys, Bernard Landry and Kauri Mikkola. 11-Jackie Miller.

...the reception...the bar-b-que...



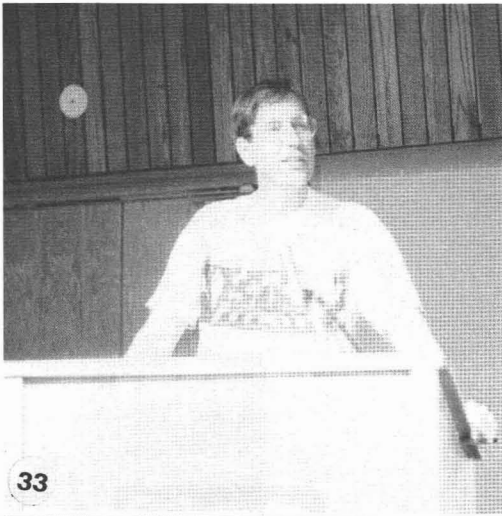
12-Julian Donahue, Charlie Covell, Astrid Caldas and Boyce Drummond. 13-The Sterling Mattoons. 14-Ron and Elaine Hodges. 15-Mike Smith. 16-Bob Lederhouse 17-Alma Solis 18-Ron Leuschner, Boyce Drummond and Steve Mueller 19-Victor Sarto i Monteys 20-John Douglass and Lee Miller 21-Evi Buckner, Charlie Covell and Bob Robbins. 22-Benjamin Landing, Bob Pyle and Bill Howe.

...the papers... & ...the banquet



23-Julian Donahue and Leroy Koehn talk traps. 24-Sigrid and John Shepard 25-Duncan Robertson, Ron Robertson, Judy and Ray Peterson. 26-Jim Brock 27-Jack Harry 28-John Brown, John Brown, Ron Robertson, Ken Osborne, The Fergusons, The Powells, Pody Brown & Allison Brown. 29-Susan Weller and Christopher M.W. Zink. 30-Bill Howe, Hazel Tilden, The Prestons, Ronald Weinberg, Jim Wiseman, The Falls. 31-Ann Albright, Vernon Covlin and Ray Albright. 32-George Krizek and Peter Hubbel.

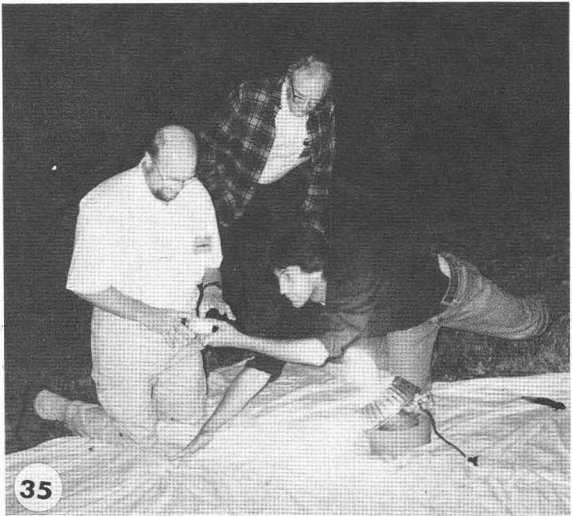
Lepidopterists have fun!



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33-Bob Borth 34-Lowell Harris 35-Moth collectors: Kauri Mikkola, Duncan Robertson and Paul Goldstein. 36-David Iftner, John Calhoun, Andrei Sourakov, Tom Emmel, Bob Pyle and Paul Opler. 37-Fred Stehr. 38-Jane Ruffin, The Bagdonas's, and Ben Ziegler. 39-Dana Carrigan. 40-John Hinchliff. 41-John Peacock and David McCorkle. 42-Kauri Mikkola and Michael Fibiger looking at some UFO's. 43-Mo Nielsen.

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DEADLINES: Material for the Jan/Feb issue should reach the NEWS EDITOR by **1 Dec** of the previous year, and that for the Mar/Apr Issue by **15 Feb**, for the May/June issue by **15 Apr** and for the July/Aug issue by **1 June**, the Sept/Oct issue by **15 Aug** and the Nov/Dec issue by **15 Oct**. Reports for the Season Summary must reach the Zone Coordinators listed on the front cover no later than **5 January**. The NEWS Editor accepts articles in any format, but appreciates double-spaced typewritten copy accompanied by a computer disc in any DOS format. NEWS EDITOR is **Stephanie McKown**, 650 Cotterell Drive, Boise, Idaho 83709, USA. Phone (208) 323-9547. NEWS FROM EUROPE EDITOR is **W.O. De Prins**, Diksmuidelaan 176, B-2600 Antwerpen, Belgium. Phone 03/322.02.35 (from USA use 011/32.3.322.02.35). BOOK REVIEW EDITOR is **Dr. Boyce A. Drummond**, Natural Perspectives, P.O. Box 9061, Woodland Park, Colorado 80866, USA. Phone (719) 687-6596.

INFORMATION ABOUT THE SOCIETY.....

Membership in the Lepidopterists' Society is open to all persons interested in any aspect of Lepidopteroogy. Prospective members should send the TREASURER, **Robert J. Borth**, 6926 N. Belmont Lane, Fox Point, WI 53217, USA, phone (414) 351-3816, the full dues for the current year, \$25.00 US, together with mailing address and a note about areas of interest in Lepidoptera; student membership (must be certified) \$15; sustaining membership \$35; life membership \$500. Remittances must be in US dollars, payable to the Lepidopterists' Society. All members will receive the JOURNAL (published quarterly) and the NEWS (published bimonthly). A biennial membership directory will comprise the last issue of the NEWS in even-numbered years.

Changes of address (permanent ones only), **Additions or Changes in Telephone Numbers or Areas of Interest and Information about Mailing List Rental:** Contact the ASSISTANT SECRETARY, **Julian P. Donahue**, Natural History Museum of Los Angeles County, 900 Exposition Blvd, Los Angeles, California 90007-4057, USA.

Information on Membership and other aspects of the Society must be obtained from the SECRETARY, **Dr. William D. Winter, Jr.**, 257 Common Street, Dedham, Massachusetts 02026-4020, USA. Home phone (617) 326-6053.

Requests for Missed Issues (i.e. those not delivered although dues have been paid on time) should be sent to the TREASURER, **Robert J. Borth**, address above, or the PUBLICATIONS MANAGER, **Ron Leuschner**, address below. Defective issues will also be replaced by the TREASURER. Do not request these of the NEWS or JOURNAL editors.

Manuscripts submitted for publication in the JOURNAL are to be sent to **Dr. John W. Brown**, EDITOR, JOURNAL of the Lepidopterists' Society, San Diego Natural History Museum, P.O. Box 1390, San Diego, California 92112, USA. Work phone (619) 942-5147, home phone (619) 422-1846. See the inside back cover of a recent issue of the JOURNAL for editorial policies. Book reviews for the JOURNAL should be sent to **Dr. Boyce A. Drummond**, Book Review Editor (address above).

AVAILABLE PUBLICATIONS OF THE SOCIETY.... Order from the PUBLICATIONS MANAGER, **Ron Leuschner**, 1900 John St., Manhattan Beach, CA 90266-2608, USA. Add \$2.00 postage/handling for first book (\$3.00 outside the USA), plus \$1.00 for each additional one.

CATALOGUE/CHECKLIST OF THE BUTTERFLIES OF AMERICA NORTH OF MEXICO (Memoir #2), **Lee D. Miller & F. Martin Brown**; includes references to original descriptions and location of type specimens. Members and subscribers: \$12 cloth, \$7 paper; non-members, \$19 cloth, \$10.50 paper.

SUPPLEMENT TO THE CATALOGUE/CHECKLIST OF THE BUTTERFLIES OF AMERICA NORTH OF MEXICO (Memoir #3). **Clifford D. Ferris**, editor. General notes, plus corrections and additions to the original Memoir #2. Members and subscribers: \$6; non-members \$10.

FOODPLANTS OF WORLD SATURNIIDAE (Memoir #4), **Steve Stone**. A listing of foodplants for more than 500 species of worldwide Saturniidae. Members and subscribers: \$7.20; non-members: \$12.

COMMEMORATIVE VOLUME, 1947-1972: A 25-year review of the Society's organization, personnel, and activities; biographical sketches; JOURNAL 25-year cumulative index by author, subject, and taxon; clothbound. Members and subscribers, \$8; non-members, \$12.

1992 MEMBERSHIP DIRECTORY (current to October 1992). Biennial directory of members and their addresses, with geographic and interest indices. Not available for commercial use. (NEWS #6 for 1992). \$5.00.

BACK ISSUES of the JOURNAL and of the NEWS of the Lepidopterists' Society. For a list of the available issues and their cost, postpaid, send a SASE to the PUBLICATIONS MANAGER.