

# The Newsletter of the Herpetologists' League

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Alicia Mathis, Editor

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Thanks very much to all of you who have contributed to *Communications* since I assumed the position of Editor in 1995. I have very much enjoyed getting to know lots of terrific herpetologists and working with the Board of a great organization. Beginning with the fall issue of this year, Chris Beachy will be taking over the job of Editor. Send announcements or questions to him at:

Dr. Chris Beachy

Department of Biology

Minot State University

500 University Avenue West

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## 2002 Meeting in Kansas City

### *HL's 50<sup>th</sup> Annual Meeting!*

HL's 2002 meeting is scheduled for July 3-8 in Kansas City, Missouri at the Westin Crown Center Hotel. Among other great events, look forward to:

- Whit Gibbons' 50<sup>th</sup> Anniversary presentation: *Phylogenetic relationships, behavioral oddities, and paedomorphic tendencies among the first half century of HL herpetologists*

- HL Distinguished Herpetologist presentation by George Zug: *In and across the deep blue sea: Ages of Seaturtles and dispersal of oceania lizards*

- HL-sponsored symposia: (1) *Contemporary herpetological research: A tribute to Robert Jaeger as 20-year Editor of Herpetologica*, and (2) *Ecology and evolution of phytotelmic anurans*.

- HL Graduate Student Workshop: *Publishing in Scientific Journals: Process, Do's and Don'ts*

Meeting website: [www.dce.ksu.edu/dce/cl/2002jointmeeting](http://www.dce.ksu.edu/dce/cl/2002jointmeeting)

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## A Brief Message

### from the New President

I was more than a little shocked to learn that I had been elected President of the Herpetologists' League late last year. I am greatly honored by the support of HL's membership, and I look forward to following in the able shoes of the herpetologists who have held this post. Looking back at the list of past presidents, I see a long line of distinguished herpetologists. It is humbling to look at the Board of Trustees list on the inside cover of *Herpetologica* and see your name at the top of the list.

The League enters the year 2002 in excellent overall condition thanks to the efforts of immediate past President Aaron Bauer and President-elect Henry Mushinsky. Aaron guided HL through the transition between editors for *Herpetologica*, and he found a very hard-working Treasurer, Lynette Sievert, and Secretary, Mac Given, to replace previous officers. I do not know where we would be without Lynette's efforts to implement proper fiscal accounting procedures. As to Henry, what can you say to a meeting chairman who returned more than \$20,000 in profit to each participating society, especially when he organized a meeting 1000 miles from his home? Thank you all on behalf of all members of HL; we are most grateful.

In the coming years, we face decisions regarding the future of HL. Our membership needs bolstering. We need to make decisions concerning electronic publishing. We need to ensure financial security in the face of an unstable world economy. We also desire to make ourselves relevant to our graduate students; to ensure that as they enter their professional careers, they are guided by ethical conduct and sound scientific principles. These are not just the concerns of major advisors or graduate schools, but of all of us who conduct science in the face of a biodiversity crisis. I look forward to working with all HL members on these questions. Although we have committees, we are not confined by them. If someone has an idea that will benefit HL, I hope that they do not hesitate to come forward and speak out. Point out deficiencies, but offer practical solutions at the same time. The e-mail addresses of all HL officers are open for suggestions.

I hope to see you all in Kansas City, to celebrate our 50th meeting, to share ideas and techniques, and to socialize as herpetologists have always found ways to do. Finally, please bring items and your credit cards for the auction; as we did at last year's meeting, we will share the auction responsibilities and proceeds with SSAR.

-- Ken Dodd

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### **New Editor for *Herpetological Monographs***

Brian Crother, Editor of *Herpetological Monographs* since 1998, recently informed the Board of Trustees that he would like to step down from this position. After considering several possible candidates, **Lee Fitzgerald** of Texas A&M University has agreed to assume this important League function. Brian is currently finishing up Volume 16 of the *Monographs*, and has graciously agreed to assist Lee with his transition to editor beginning with Volume 17. Please join me in welcoming Lee to the Board of Trustees, and in thanking Brian for his professional service to the Herpetologists' League. Lee can be reached at: Wildlife and Fisheries Sciences, Texas Cooperative Wildlife Collection, Old Heep Building room 116, Texas A&M University, 2258 TAMUS, College Station, TX 77843-2258. Phone: 979.862.7480; fax: 979.845.4096; E-mail: Lfitzgerald@neo.tamu.edu. -- Ken Dodd

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### ***HL Election Results:***

***President (2004-2005): Henry Mushinsky***

***Councilors (Class of 2005): Rafael de Sa, Maureen Kearney, and William Cooper***

***Secretary: Mac Given***

### **HL Membership Review Committee**

One of the charges for the Vice President of the Herpetologists' League is to be involved in efforts to increase membership in the society. Discussions of membership have occurred at nearly every HL Executive Council Meeting I have attend during the past 15 - 20 years, so concern for membership is not new. In fact, we have a strong and stable membership base, but we seek to make the HL more attractive to graduate students and other professionals. I am seeking volunteers to serve on an ad hoc committee to discuss what might be done to attract and retain new members. If you wish to serve on this committee, please email me at [Mushinsk@chuma1.cas.usf.edu](mailto:Mushinsk@chuma1.cas.usf.edu) -- Henry Mushinsky

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### **HL's Graduate Studies Committee formed**

In order to better meet the needs of our current and future graduate students in herpetology, I have asked Michael Lannoo, a faculty member at Indiana University Purdue University, and Malcolm McCallum, a graduate student at Arkansas State University, to co-chair a new Herpetologists' League Graduate Studies Committee. I have charged the Committee with helping to answer the

following questions: 1) What services can the Herpetologist's League (HL) provide to graduate students?; 2) How can HL increase its visibility among graduate students?; 3) How can HL stimulate graduate students to become members of the League?; 4) How can HL convey timely messages to assist grad students in their professional development, ethical responsibilities, publishing, funding, and job search?; 5) How can HL develop its web site to benefit graduate students? The duration of the Committee's charge will be 2002-2003, with the option of continuation at the discretion of the incoming HL president, Henry Mushinsky.

The Graduate Studies Committee may schedule informal meetings, most likely in conjunction with the national meeting, at the discretion of the co-chairs. However, most Committee business likely will take place through e-mails, regular mail, or by telephone. The Committee will present a written report of recommendations at the annual Board meetings in Kansas City and Manaus. If attendance is not possible by the co-chairs, they will find a substitute to represent the Committee. Once recommendations are approved by the Board, I hope that the Committee will assist the President and other members of the Board of Trustees (and Executive Council) in implementing the recommendations.

Membership in the Graduate Studies Committee will be open to interested HL members, especially graduate students, and will be appointed by the President for a term of two years. For the term beginning in 2002, I have chosen the following members:

Mike Lannoo, IUPU, mlannoo@gw.bsu.edu

Malcolm McCallum, AR State Univ, Mmccallu@mail.astate.edu

Phil Allman, Ohio Univ, Pa508701@ohio.edu

Megan Carfioli, Valley Forge NHP, acmodeson@hotmail.com

Brian Halstead, Univ S Florida, bhalstead45@hotmail.com

Michael Hill, Tonyyh13@aol.com

Debbie Hutchison, Old Dominion Univ, dhutc002@odu.edu

Rita Mehta, Univ Tennessee, antaresia@earthlink.net

Deni Porej, Ohio State Univ, porej.1@osu.edu

Chuck Schaffer, Univ N Florida, chelonian1@aol.com

Brian Smith, Black Hills State Univ, BrianSmith@bhsu.edu

Kevin G. Smith, Univ Tennessee, kgs@utk.edu

Abbie Sorenson, Auburn Univ, sorenam@auburn.edu

Dave Steen, Syracuse Univ, Swampwalker@hotmail.com

Eric Stitt, Univ Arizona, ecstitt@earthlink.net

Douglas Taylor, Clemson Univ, KarlD@clemson.edu

Ben Wheeler, AR State Univ, bwheeler@mail.astate.edu

Each of these students has expressed interest in the Committee, and I hope that their initial enthusiasm will be maintained throughout this process. However, membership is open to all graduate students within HL or, for that matter, any HL member with significant interest and ideas that may assist in stimulating graduate students to joining and taking responsibility for helping to determine the future directions of the League. Please contact the co-chairs if you are interested in becoming involved.

All Herpetologists' League graduate students should obtain a copy of Points of View on Contemporary Education in Herpetology (Herpetologica, Volume 54, Supplement, 1998) and read it carefully as they begin their professional career. In addition, the League will host occasional forums directed at graduate students in order to help them as they pursue their graduate education. The first of these forums will be held in Kansas City, where Tom Jenssen and I will discuss publishing and the publishing process. We hope all herpetology graduate students will attend. -- Ken Dodd

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***Herpetotrivia:*** Woodfrog tadpoles are left "handed". After surfacing to breathe, about 81% of tadpoles turn sharply left before descending. The reason for this turning bias is not known, but may be related to internal anatomical asymmetries -- Oseen, KL, LKD Newhook, and RJ Wassersug. 2001. *Herpetologica* 57:432-437

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## PDF Policy for the Herpetologists' League

The electronic age certainly has allowed researchers to disseminate the results of their studies much faster than ever could have been appreciated even a short while ago. The traditional method of 'publish and buy reprints' is still the method employed by many workers. However, a number of authors of papers in *Herpetologica* and *Herpetological Monographs* have the ability to convert their published papers into PDF format for electronic distribution. Of course, electronic distribution also avoids postal costs and reaches colleagues throughout the world quickly, regardless of the inefficiencies of national postal services.

The Board recently received a question from an author whose paper was published in *Herpetological Monographs* about HL policies concerning the posting and distribution of PDF reprints. After consulting with Allen Press, we determined that there was nothing in our contract that prohibited disseminating PDF reprints, and that the Herpetologists' League would not suffer any revenue loss if PDF reprints were distributed by the authors. We also examined the policies of other societies regarding PDF files, and we assessed various options for generating revenue. After deliberation, the HL Board of Trustees has approved the following policy:

### *Herpetologists' League Policy on the Dissemination of Copies of Papers Published in Herpetologica or Herpetological Monographs in PDF Format*

1. Authors of papers published in *Herpetologica* or *Herpetological Monographs* shall be allowed to post or disseminate copies of their papers in PDF or other formats, as long as the author(s), the server, parent institution, or sponsoring organization do not charge a fee for such dissemination. 2. The Herpetologists' League will not charge the author(s) for this privilege, but consider it a service to the professional community. 3. Distributing a paper published in *Herpetologica* or *Herpetological Monographs* in PDF or other format in no way negates the need for following appropriate copyright laws, where applicable. 4. The Herpetologists' League will not supply PDF files to authors. 5. The Herpetologists' League reserves the right to change this policy, as deemed necessary by its Board of Trustees.

This policy will be officially announced to members at the Business Meeting in Kansas City, but authors may post their papers upon publication. We hope many of our members will take advantage of electronic distribution of their papers, and perhaps even post the availability of such papers on appropriate personal web sites. It is a great way to get results to researchers around the world, and will help to enhance the international reputation of our journals. -- Ken Dodd

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## GRAD SCHOOL NEWS...

### HERPETOLOGY AT

#### **The University of South Florida, Tampa**

Since the University of South Florida (USF) opened its doors in 1956, the Tampa Bay region of Florida has experienced phenomenal growth. The increase in the local human population, the location near some of the finest beaches in the world, and the distinguished effort of many of the charter faculty have allowed USF to become the 15<sup>th</sup> largest university in the country.

The research expertise of faculty members in the Department of Biology covers a wide array of disciplines, from molecular biology to global ecology, and organisms, from microbes to plants and reptiles. The Department features three general, interactive, research areas: Conservation Biology, Coastal Marine Biology and Molecular-Cellular Biology. Herpetology is represented in each of the three research areas. Excellent facilities are available to support research, including a 200-hectare Ecological Research Area within one mile of the campus.

The Department has strong research ties with the USF Medical School, USF College of Marine Science, Moffitt Cancer Research Center, Mote Marine Laboratory, Archbold Biological Research Station, and Keys Marine Laboratory.

The Department of Biology has about 30 graduate faculty, 1800 undergraduate majors, and 100 graduate students. About 40 graduate students are supported by Teaching Assistantships, and many others by Research Assistantships. Current stipends for teaching assistants are \$16,000 for the academic year, and a limited number of Presidential Fellowships are available at \$20,000 per year for five years.

Research involving amphibians and reptiles occurs in the laboratories of Drs., Earl D. McCoy, Henry R. Mushinsky, Stephen A.

Karl, Jonathan K. Lindzey, Gordon A. Fox, and Gary R. Huxel. Details of their research programs may be found at [www.cas.usf.edu/biology/](http://www.cas.usf.edu/biology/). Here, we will provide a brief overview of the scope of our herpetological research, focusing particularly on the work of our students.

HENRY MUSHINSKY is the card-carrying herpetologist at USF. He has been President of the Society for the Study of Amphibians and Reptiles, and is currently Vice President (President elect) of the Herpetologists' League. Since Henry teamed with EARL MCCOY in mid -1980's, herpetology has flourished at USF. Henry and Earl have published about 35 papers together. Earl is a population and theoretical ecologist with a strong background in biostatistics and entomology. Henry and Earl have applied the principles of island biogeography to remnant patches of scrub habitat in central Florida, studied the demographics of the gopher tortoise (*Gopherus polyphemus*) on federal and state lands and of the threatened sand skink (*Neoseps reynoldsi*) in central Florida, and do research to improve the restoration of upland habitats for vertebrates after phosphate mining. Henry and Earl recently have teamed with biologists from the University of Florida College of Veterinary Medicine to study Upper Respiratory Tract Disease in the gopher tortoise, and have just received a five year, multimillion dollar grant from the National Institutes of Health (NIH).

Although many of the students in Henry's and Earl's laboratories do research in areas that complement the previously mentioned topics, graduates students also are encouraged to investigate new areas of research. Henry and Earl have been the co-advisors for about 20 graduate students during the past ten years. Recent Ph.D. students include DAWN WILSON, who studied the nesting ecology of the striped mud turtle (*Kinosternon baurii*), and PABLO DELIS, who compared the reproductive biology of the rare barking treefrog (*Hyla gratiosa*) with that of the common pinewoods treefrog (*Hyla femoralis*). Most of Henry's and Earl's students focus on issues related to the interaction between herpetology and conservation biology, although the research of other students has ranged from small mammals to manatees, and from drought to hurricanes. Among the topics currently under investigation in their laboratories are the following. CHERIE KELLER (Ph.D.) is mapping natural communities in North Florida using recent (2001) Landsat TM satellite imagery. Suitable habitat for gopher tortoises will be identified and compared to maps from historical (1978) satellite imagery for change caused by anthropogenic factors. She will be examining the impacts of habitat fragmentation on gopher tortoise populations as well as the influence of socioeconomic factors on the course of future conservation options. TRAVIS ROBBINS (Ph.D.) is examining potential convergence of life histories in the eastern fence lizard (*Sceloporus undulatus*) and the Florida scrub lizard (*S. woodi*). The relative contribution of genetic and environmental sources of variation will be determined and potential influences such as food availability, thermal biophysical environments, and mortality regimes will be analyzed. Our newest Ph.D student, BRIAN HALSTEAD, a Presidential Fellow, is planning research that involves top-down population regulation of the Florida scrub lizard by the black racer (*Coluber constrictor*) and the coachwhip (*Masticophis flagellum*). CAROLYN MEYER is the last of two cohorts of M.S. students who have worked on the threatened sand skink. She has evaluated how changes in scrub habitat following burning and clear cutting influence the sand skink. KATHLEEN BARRETT and KRISTIN CARUSO are completing their M.S. research on habitat reclamation. They were involved with the re-introduction and subsequent monitoring of the survival of the southeastern five-lined skink (*Eumeces inexpectatus*) (Kathleen) and the oak toad (*Bufo quercicus*) (Kristin) on reclaimed phosphate mined land. Three graduate students are studying the gopher tortoise. JAMIE COLSON (M.S.) is studying paternity patterns, SUSAN RIEDL (M.S.) is studying the responses of resident gopher tortoises to individuals translocated from nearby habitats, and KRIS RAYMOND (M.S.) will be studying the placement of burrows by juveniles. Lastly, SHANNON GONZALEZ (M.S.) is studying the effects of long term well-field pumping of water on the anuran fauna in central Florida.

The research in STEPHEN KARL's laboratory generally is focused on gaining a better understanding of the ecology and evolution of organisms through genetic approaches. Student projects span a broad range, from hybridization in sea oxeve daises (MARIA CATTELL, recent Ph.D. student) to effective population sizes and breeding systems in seals (CAITLIN CURTIS, Ph.D) to evolution of kleptoplasty in the sacoglossan sea slugs (ANNA BASS, Ph.D) to phylogeography of the crown conch (KEN HAYES, M.S.). Herps, however, are irresistible for a molecular ecologist and evolutionary biologist. Steve has a long-standing interest in marine turtles and, in collaboration with BRIAN BOWEN (University of Florida), was a pioneer in the genetic assessment of stock structure and evolution of these critters. Projects have documented almost all combinations of viable hybrids between the species in the family Cheloniidae. Other herpetological work has involved dispersal and systematics in the salt marsh snake (*Nerodia clarkii*) complex (KEVIN JANSEN, recent Ph.D. student), and population subdivision and phylogeography of the gopher tortoise (TONIA SCHWARTZ, M.S.). All of these projects use molecular genetic techniques to provide an ecological or evolutionary understanding unavailable by traditional means.

JONATHAN LINDZEY researched the behavioral and physiological actions of steroid hormones in the little-striped whiptail lizard (*Cnemidophorus inornatus*) and the desert grassland whiptail lizard (*C. uniparens*) as a graduate student. One of his current interests involves anthropogenic influences on gopher tortoise health and reproduction. CORY LEGLER (M.S.) has been sampling different tortoise populations to determine if habitat degradation can be associated with physiological indicators of stress (serum corticosterone levels, WBC counts) and increased incidence of upper respiratory tract disease. KATE STILES (M.S.) is extending this work to determine if the current conservation practice of tortoise relocation impacts reproduction in either the relocated animals or the resident animals. This work involves tracking by radio telemetry and repeated sampling of translocated and resident tortoises to look for changes in stress profiles (corticosterone), ovarian steroids (estradiol and progesterone) and egg production (clutch size).

GORDON FOX worked with salamanders as a graduate student. Although his current research is focused on plant ecology, he has

a lasting interest in herpetology. Much of Gordon's current research involves two basic problems in conservation biology and demography. The first concerns the consequences of demographic variation among individuals. All conservation plans currently in place were developed by treating all individuals within a stage-class and sex as though they were identical. Recent theoretical work in the Fox laboratory shows that this can lead to serious mis-estimation of extinction risk. The Fox laboratory currently is conducting field studies, experimental studies, and theoretical work to further examine the consequences of among-individual demographic differences. The second major area of Gordon's research concerns the coupling of disturbance, demography, and dispersal. Most of the focus of this research has been on the invasion of habitats following fire.

The newest member of the biology faculty with an interest in herpetology is GARY HUXEL. One focus of Gary's research is on the impacts of habitat loss and fragmentation on the persistence of species on a landscape scale. Of particular interest is how within-fragment dynamics and migration interact. For example, although immigration may spread disease and limit adaptation to local environments, many populations are likely to become extinct without immigration. Another focus of Gary's research is on food web dynamics and structure. Lizards play important roles on the island ecosystems in Baja California that Gary has studied in collaboration with the late GARY POLIS (University of California, Davis). Certain lizards (*Uta* spp.) are important predators of tenebrionid beetles and dipteran larvae on carcasses of marine animals that wash onshore, and the giant chuckwalla (*Sauromalus hispidus*) is a major herbivore on cholla. The ecologies of these island species are greatly understudied.

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**Herpetotrivia:** Until recently, all of the known plethodontid salamanders from the tropics have been terrestrial. A new aquatic species (*Pseudoeurycea aquatica*) has been described from Oaxaxca, Mexico. The bad news? No individuals have been seen since 1978 and this remarkable species may now be extinct. -- Wake, DB and JA Campbell. 2001. *Herpetologica* 57:509-514.

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## MONEY, MONEY, MONEY

### POSTDOCTORAL POSITION TO WORK ON GOPHER TORTOISES

We anticipate the need for a Postdoctoral Fellow to conduct research on the gopher tortoise (*Gopherus polyphemus*) in Florida. The research will be part of a large project to study the Upper Respiratory Tract Disease (URTD) in natural populations of the gopher tortoise, conducted jointly by biologists at the University of South Florida and the University of Florida. Funding for the project is expected from the National Institutes of Health. The Postdoctoral Fellow will assist with research to determine the demographic characteristics, habitat factors, and URTD status of gopher tortoise populations via local and regional surveys, with special emphasis on populations for which a history of the demographics, habitat quality, and historic relocations is known. The Postdoctoral Fellow will oversee field surveys and use GIS and GPS to map distributional changes of populations. A minimum commitment of one year is required, and the position may be extended for a second year and beyond. Interested individuals should contact Henry R. Mushinsky and/or Earl D. McCoy, Department of Biology, University of South Florida, Tampa, Florida 33620. Mushinsk@chuma1.cas.usf.edu or mccoy@chuma.cas.usf.edu.

### Southwestern Research Station Student Support Fund

The American Museum of Natural History awards several grants each year of approximately \$400 - \$800 to graduate or postdoctoral students pursuing research at its Southwestern Research Station in the Chiricahua Mountains, Portal, Arizona. Information and application forms for this program and other Museum grant programs can be obtained by contacting: Office of Grants and Fellowships, American Museum of Natural History, Central Park West at 79th Street, New York, NY 10024-5192. E-mail: [rnavarro@amnh.org](mailto:rnavarro@amnh.org). <http://research.amnh.org/grants/index.html>; Applications due: Feb. 15. Address questions concerning the Station to Dr. Wade C. Sherbrooke, Director, Southwestern Research Station, American Museum of Natural History, Portal, AZ 85632 USA; phone/fax: 520-558-2396; e-mail: [swrs@amnh.org](mailto:swrs@amnh.org).

### Carnegie Museum of Natural History -- Collection Study Grants in Herpetology

The Carnegie museum of Natural History is pleased to announce a grant to support herpetological research by graduate students and foreign scientists. The grant is intended to defray costs of transportation and lodging associated with visiting and using the collection. The Carnegie's herpetological collection contains more than 194,000 preserved specimens, including one of the largest collections of turtles and extensive holdings from the West Indies, Mexico, South America, Spain, Africa, India, and the Philippines. Applicants should send the following, in duplicate: (1) a description of the proposed research (including its significance and the justification for visiting the Carnegie), not to exceed two pages, (2) literature cited, (3) budget, and (4) CV. Students should also arrange for two letters of recommendation to be sent. Awards will be made twice a year. Deadlines for application materials are 15 April and 15 November. Send applications to Collection Study Grants in Herpetology, Section of Amphibians and Reptiles, Carnegie museum of natural History, Pittsburgh, PA 15213-4080, and for more information, contact John J. Wiens (e-mail: [wiensj@clpgh.org](mailto:wiensj@clpgh.org); phone 412-622-5520; FAX 412-622-8837).

## Southwestern Research Station

### SEASONAL STAFF ASSISTANT

Southwestern Research Station, American Museum of Natural History has an opening for a seasonal staff assistant March 15 - September 2002 (end date flexible). Assist in operations of biological research station office, nature shop, and guest rooms: taking reservations, answering phones, greeting guests, working with volunteers in housekeeping, general staff assistance. Five-day week; salary \$250/week, plus room (shared) and board, and medical benefits. Applicant must be conscientious, organized, and flexible; must enjoy people, and be interested in living in a remote setting and working with biological researchers. Biological training an asset. Call and send resume to: Dr. Wade C. Sherbrooke, Director, Southwestern Research Station, American Museum of Natural History, P.O. Box 16553, Portal, AZ 85632 USA; phone/fax: 520-558-2396; e-mail: swrs@amnh.org.

## Southwestern Research Station

### Cooks!!

Southwestern Research Station, American Museum of Natural History, has openings for two full-time, permanent cooks. Applicant should have experience with all aspects of meal preparation for groups of 30-70 guests. Compensation includes housing/meals, excellent medical, dental, retirement benefits, in addition to salary. For more information contact: Dr. Wade C. Sherbrooke, Director, Southwestern Research Station, American Museum of Natural History, P.O. Box 16553, Portal, AZ 85632 USA; phone/fax: 520-558-2396; e-mail: swrs@amnh.org.

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## VIST HL ON THE WEB!

<http://www.inhs.uiuc.edu/cbd/HL/HL.html>

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### HL Annual Meetings

**2003 Manaus, Brazil**

**2004 Norman, Oklahoma**

**2005 Tampa, Florida**

*(all HL + SSAR + ASIH)*

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## ANNOUNCEMENTS

### Southwestern Research Station : Volunteers

Approximately 30 volunteer positions are open in 2002 at the American Museum of Natural History's Southwestern Research Station in Portal, Arizona. The volunteer program is run annually and offers students in biological sciences outstanding opportunities to observe and become involved with scientists doing field research. Food and lodging are provided to volunteers in exchange for twenty-four hours per week of routine chores, with the remaining time available for research activities. The program is open to both undergraduate and graduate students; the latter may pursue their own research projects. Faculty knowing of promising students should alert them to this opportunity for professional experience toward, development of, and evaluation of their career goals. The program is open to non-students as well, particularly in the spring and fall.

Volunteers are needed between March 15 and November 1. Appointments are for part of this period, with a minimum appointment of six weeks. Applicants for spring positions (March-May) should submit applications by February 15, summer volunteers (June-August) by April 1, and fall volunteers (September-November) may apply any time.

For applications, write: Dr. Wade C. Sherbrooke, Director, Southwestern Research Station, American Museum of Natural History, P.O. Box 16553, Portal, AZ 85632 USA; phone/fax: 520-558-2396; e-mail: swrs@amnh.org.

## Inventory Reduction Sale !!!!

### *Brimleyana*

*Brimleyana*, published by the NC State Museum of Natural Sciences between 1979 and 1998 served as a comprehensive journal for zoology and ecology of the southeastern United States and contains many papers of herpetological interest. Numbers 2-25 (1 is out of print) of this journal are now available as a set for \$50, postpaid. Send check (no purchase orders or credit cards) payable to "Museum Extension Fund 2465" AND self-addressed adhesive mailing label to: Busack, NCSM, 11 West Jones Street, Raleigh, NC 27601-1029 to receive your set.

### *Meeting Announcement*

#### Current Research on Herpetofauna of the Sonoran Desert II

April 5-7, 2002

Four Points by Sheraton Tucson University Plaza

1900 East Speedway Boulevard, Tucson, AZ 85719

The Tucson Herpetological Society and cosponsors are pleased to announce the second meeting of Current Research on Herpetofauna of the Sonoran Desert (CRHSD). The goals of this meeting are two-fold: 1) dissemination of information concerning research on the herpetofauna of the Sonoran Desert, the states of Arizona, Sonora, and Baja Californian and Baja California Sur and associated islands, and 2) the social interaction of everyone attending the meeting. There will be a Friday evening Icebreaker Social, Scientific sessions on Saturday and Sunday, and a Saturday evening Banquet. Invited speakers are Harry Greene, and Dan Beck.

For additional information on the CRHSD II meeting go to the THS web site <<http://tucsonherpsociety.org>>. It is also available from David L. Hardy, Sr.: 520-624-8879 or [dhardysr@theriver.com](mailto:dhardysr@theriver.com).

### *Meeting Announcement*

#### Animal Behavior Society

July 13-17, 2002

ABS' meeting will be held at Indiana University in Bloomington. The schedule includes a keynote address by Felicity Huntingford and a special talk by E. O. Wilson, winner of the ABS distinguished Animal Behaviorist Award. For more information see: <http://www.animalbehavior.org/ABS/Program>.

### *Meeting Announcement*

#### Society for the Study of Evolution

#### Society for Systematic Biologists

June 28 - July 2, 2002

The joint meeting of SSE and SSB will be held in Urbana, Illinois. Early registration terminates on March 31<sup>st</sup>; late registration will be available until the time of the meeting. See the meeting website for more information: <http://nautilus.outreach.uiuc.edu/conted/>

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## PUBLICATION NOTICES

### *North American Box Turtles.*

#### *A Natural History*

By C. Kenneth Dodd, Jr. 2001. University of Oklahoma Press. 231 pages (48 color photos and 43 black and white illustrations). \$59.95 (hardcover). ISBN: 0-8061-3294-9. Volume 6 in the Animal Natural History Series (V. Hutchison, Series Ed.). Accounts of all species, range maps, keys, glossary, extensive bibliography. Chapters on evolution; habits and habitats; activity and movements; behavior and the senses; courtship and reproduction; food and feeding behavior; population structure and demography; predators, parasites and disease; and conservation. **All royalties from sales of this book will go to The Chelonian Research Foundation.**

For orders contact: University of Oklahoma Press, 4100 28<sup>th</sup> Avenue NW, Norman, OK 73069-8218 or (800) 627-7377 or [www.ou.edu/oupress](http://www.ou.edu/oupress).

### *Amphibian Medicine and Captive Husbandry*

Edited by K. M. Wright and B. R. Whitaker. 2001. Krieger Publishing Co. 570 pages (243 color pictures, 317 black and white figures, and 54 tables). \$140.00 plus \$5 shipping and handling. ISBN: 0-89464-917-5. This book is designed for veterinary practitioners, but should also be of interest to herpetologists. Infectious, metabolic, nutritional, neoplastic, and idiopathic disorders of amphibians are examined in detail. To order contact: Krieger Publishing Company, P.O. Box 9542, Melbourne, FL 32902-9542; Phone 1-800-724-0025 or 321-724-9542; Fax 321-951-3671; E-mail: [info@krieger-publishing.com](mailto:info@krieger-publishing.com); [www.krieger-publishing.com](http://www.krieger-publishing.com)

### *Life, Love, and Reptiles: An Autobiography of Sherman A. Minton, Jr., M.D.*

Edited by Breck Bartholomew. Forward by Kraig Adler. 2001. 236 pages. \$24.50 (hard cover). Krieger Publishing Company. ISBN: 1-57524-172-2 In this book, Sherman shares some of his many experiences, from being on a navy ship when it was hit by a Kamikaze plane, to diving with sea snakes in the South Pacific; chasing geckos in the Sind Desert and treating people with tropical diseases in Central America. This is a modest account of the full and exciting life of this gifted man, a physician; father of modern Indiana herpetology; expert in toxinology, sea snakes, and snake bite; and devoted husband and father.

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### Reptiles as Pets

#### An examination of the trade in

#### live reptiles in the United States

By J. Franke and T. M. Telecky. 2001. The Humane Society of the United States. 146 pages. \$10.00, soft cover. ISBN: 0-9658942-4-X. This report examines the U.S. reptile pet trade and its ramifications for the animals and people who keep them as pets. Includes topics on: origins and numbers of individuals that are imported and exported for the trade; the deplorable conditions under which traded reptiles are kept; negative effects on conservation; difficulties of keeping reptiles as pets; threats to Agriculture and human health. To order, contact; The Humane Society of the United States, 2100 L Street, NW, Washington, DC 20037.

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It was a pleasure working with you Alicia.

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