

A Message from the President...

The time of our annual meeting is rapidly approaching. As always, it will be fun to see Society members together again for our annual 'fusion' event, and it will be made more so by the significance of this particular meeting as the Society's twenty-fifth. **Tammie Bettinger** and her Program Committee have put together another outstanding program that includes more than 120 presentations. By the time you read this issue of the *ASP Bulletin*, the meeting program should be up on the Society's web page, and like last year, you will have the ability to create your own personalized schedule of papers and events to attend.

A new feature on the web page is a direct link for ASP members to the online version of the Society's journal, *American Journal of Primatology*. Wiley-Liss is pilot-testing this feature, offering it for free at this point to Society members. Elsewhere in the *ASP Bulletin*, you'll find instructions on how to get to the Journal through the Members-Only section of the Society's web page. The Board will be very interested in your feedback on this new way to access our Journal.

Also, as announced in this issue of the *ASP Bulletin*, **Dr. Gabriele Lubach** has agreed to become the Society's third Historian, succeeding **Peggy O'Neill-Wagner**. Gabe has expressed strong interest in digitizing some of the Society's historical information and putting it on the web page. Stay tuned!

Given the Constitution and Bylaws changes that were approved in last year's balloting, we will be offering, for the first time, web-based voting for our upcoming elections. Active and Retired members are eligible to vote, and can use either the web ballot or the paper ballot

that accompanies this *Bulletin*. The web ballot is accessible from the Members-Only section of the web page.

This will be my last Editorial. At the end of the business meeting in OKC, I will turn the reins over to **Dr. Jeff French**, who will begin his term as President of ASP. It has been my pleasure and privilege to serve the members of ASP and to work with the current officers and Board-members: **Nancy Caine** as Past President, **Jeff French** as President-Elect, **Steve Schapiro** as Treasurer, and **Janette Wallis** as Executive Secretary. I would also like to give my profuse thanks to the members of the various committees and their Chairs: **Tammie Bettinger** (Program), **Dee Higley** (Research & Development), **Randy Kyes** (Conservation), **Gabe Lubach** (Awards & Recognition), **Lynne Miller** (Education), **Melinda Novak** (Publications), and **Steve Schapiro** (Membership & Finance). Special thanks to **Peggy O'Neill-Wagner**, our Historian, and to **Nancy Capitanio**, our Web Goddess. These are all dedicated members of ASP, who are responsible for the many good things that the Society does for its members, for primatology in general, for the general public, and, most importantly, for primates themselves. Thanks, one and all.

See you in Oklahoma City! -
John Capitanio,
ASP President.

ASP
in
OKC



ASP in OKC

June 1-4
2002



Celebrate ASP's 25th Anniversary in Oklahoma City!

Ack! I'm running out of planning time...but *do not fear*: Oklahoma City WILL be ready to host the 25th Annual Meeting of the American Society of Primatologists.

We have a number of interesting things planned for the meeting and Tammie Bettinger's Program Committee has lined up a great schedule (see pages 2 & 3).

The conference hotel is the beautiful new Renaissance Hotel in downtown Oklahoma City and all scientific paper and poster sessions will be held just across the street in the Cox Convention Center. (Don't be confused; the name has changed from "Myriad Convention Center" but it's just a name change, not a venue change.)

A couple of people have emailed to ask if there are cheaper hotels in the area. Unfortunately, there are not. However, I want to remind attendees that the Renaissance suites are very spacious (two full beds, a pullout sofa, bath and a half); sharing one of these will greatly reduce your cost and allow you to be right there where the action is!

Within walking distance is the new OKC Bricktown Canal - a dining and shopping district built along a small canal. Also nearby and newly updated is the Oklahoma City Museum of Art, currently featuring a spectacular glass works exhibit by Dale Chihuly.

Our closing banquet will be held at the National Cowboy and Western Heritage Museum. As I mentioned in the last *Bulletin*, I've arranged to have the whole museum to ourselves, so the bus schedule will allow you to have a look around before dining.

So, make your reservations right away. Travel safely. See you all at ASP in OKC! - *Janette Wallis, Local Host (janette-wallis@ouhsc.edu)*

2002 ASP Conference Update

The 2002 ASP conference is just around the corner! We have 130 papers and posters, including several symposia, roundtables and workshops.

This year's keynote address will be delivered by the 2001 Distinguished Primatologist award recipient, **Dr. Irwin Bernstein**. Featured speakers include **Drs. Anne Savage, Randy Kyes** and **Michael Huffman**.

In addition, we will also have a special Silver Anniversary Symposium celebrating 25

years of ASP's contribution to primates and primatology. The program schedule and abstracts can be viewed at the ASP website. Included in this edition of the *ASP Bulletin* is an overview of the conference events. If you haven't registered yet, there's still time. You can register on line at www.asp.org or by mailing your registration and payment to me at Zoo Atlanta, 800 Cherokee Ave. SE, Atlanta, GA. 30315. See you all in Oklahoma City! - *Tammie Bettinger, ASP Program Chair.*

ASP 2002 - PROGRAM OVERVIEW

Saturday, June 1, 2002	
9:00 AM - 12:30 PM Pre-conference Workshop on Nursery Rearing	
11:00 AM - 6:00 PM Registration, Exhibit, and Silent Auction Set-up 1:00 PM - 5:00 PM ASP Standing Committee Meetings (Renaissance Hotel)	
7:00 PM - 9:00 PM ASP Opening Reception (Myriad Gardens' Crystal Bridge)	
Sunday, June 2, 2002	
Morning	6:30 AM - 8:00 AM ASP Past Presidents' Breakfast (Renaissance Hotel) 8:00 AM - 8:30 AM Opening Remarks 8:30 AM - 9:30 AM <i>Keynote Address</i> - 2001 ASP Distinguished Primatologist, Dr. Irwin Bernstein "The Study of Things I Have Never Seen"
	9:45 AM - 12:00 PM <i>Session 1: Social Behavior</i>
	9:45 AM - 12:00 PM <i>Session 2: Ruffed Lemur Symposium</i>
Afternoon	12:00 PM - 1:30 PM Lunch (provided) 1:30 PM - 2:30 PM <i>Featured Speaker: Dr. Anne Savage</i> "Proyecto Titi: A Multidisciplinary Approach to the Conservation of the Cotton-top Tamarin in Columbia"
	2:45 PM - 5:00 PM <i>Session 3: Teaching Undergraduates Workshop</i>
	2:45 PM - 5:00 PM <i>Session 4: Conservation/Demography</i>
Evening	5:00 PM - 7:00 PM ASP Executive Committee Meeting (Renaissance Hotel)
	7:00 PM - 9:00 PM <i>Session 5: Posters - Colony Management, Enrichment, Breeding/Reproduction, Ecology, Endocrinology, Feeding/Nutrition, Genetics, Anatomy, Infant Development, Maternal Behavior</i>
Monday, June 3, 2002	
Morning	8:00 AM - 10:45 AM <i>Session 6: Bushmeat Symposium</i>
	8:00 AM - 10:45 AM <i>Session 7: Infant Development/Maternal Behavior</i>
	11:00 AM - 12:00 PM <i>Featured Speaker: Dr. Randall Kyes</i> "International Primate Programs: Considerations and Challenges of Working in Habitat Countries"
Afternoon	12:00 PM - 1:30 PM Lunch (provided) 12:00 PM - 1:30 PM - <i>AJP</i> Editorial Board Meeting (Renaissance Hotel)
	1:30 PM - 2:30 PM <i>Featured Speaker/Session 8: Dr. Michael Huffman</i> "The Evolution of Medicinal Plant Use in African Great Apes and Traditional Human Societies"
	2:45 PM - 5:00 PM <i>Session 9: Roundtable - Is there life during graduate school?</i>
	2:45 PM - 5:00 PM <i>Session 10: Lemur Management</i>
Evening	5:00 PM - 6:30 PM - ASP Board of Directors' Meeting (Renaissance Hotel)
	7:00 PM - 9:00 PM <i>Session 11: Posters - Biomedicine, Demography, Learning, Cognition, Language, Neuroscience, Pharmacology, Physiology, Immunology, Research Methods, Social Behavior.</i>

Unless otherwise indicated, all events located in the Cox Convention Center, OKC.

Tuesday - June 4, 2002		
Morning	8:30 AM - 10:45 AM <i>Session 12: Ecology</i>	8:30 AM - 10:45 AM <i>Session 13: Genetics/Endocrinology/Learning/ Cognition/Research Methods</i>
	11:00 AM - 12:00 PM <i>Session - Special: 25th Anniversary Symposium</i>	
Afternoon	12:00 PM - 1:30 PM - Lunch (provided)	
	1:30 PM - 3:15 PM <i>Session 14: Gorilla Workshop</i>	1:30 PM - 3:15 PM <i>Session 15: Reproduction/Colony Management/Enrichment</i>
	3:30 PM - 5:00 PM ASP Business Meeting	
Evening	7:00 PM - 12:00 AM Closing Banquet - National Cowboy and Western Heritage Museum (buses provided)	
Wednesday & Thursday - June 5-6, 2002		
Post-conference Teacher Workshop Oklahoma City Zoo Education Center		



<http://www.asp.org/asp2002/conferenceschedule.html>



Call for Action! Conservation Auction — Arts and crafts!!



Come join the fun. We need your help! After an outstanding year in Savannah for the silent auction, it will be difficult for us to top ourselves without you.

Be creative! Be original! Think of a spectacular gift or service to donate for the sake of ASP's conservation efforts. **I challenge each ASP member to donate at least one item.** This means we will probably run out of space, but it's a challenge that Janette and I would be happy to be faced with. Right, Janette? You bring the items, and I guarantee we will find places for them. Primate-related items are common, however, all types of donations are encouraged and welcome. You can bring items to donate with you to the meeting, or you can send them in advance to:

ASP Conservation Auction
c/o Janette Wallis
2901 Ginger Drive
Norman, OK 73026

Even if you are not attending the meeting this year, your donated items will be welcomed and appreciated. The auction has become an anticipated event and an important fund-raising activity. Your participation in the auction will insure its continued success. Remember: your contribution to the auction is a contribution to primate conservation.

Please feel free to contact me with any questions at mfsxnovak@msn.com.—
Matthew Novak, Conservation Committee.



Nursery Rearing Workshop Planned Prior to ASP Annual Meeting

ASP
in
OKC

A workshop on "Nursery Rearing of Non-human Primates in the 21st Century", organized by Gene Sackett and Gerald Ruppenthal, will be held on June 1, 9:00-12:30 prior to the Oklahoma City meeting of the American Society of Primatologists. Participants will stimulate discussion regarding changes in the new century in (1) goals of nursery rearing, (2) concepts concerning these goals, (3) new methods for goal attainment, and (4) new data concerning effects of nursery or hand rearing on health, biobehavioral, and social development.

To prepare logistic support we need to estimate the number of attendees. Please contact us if you will definitely attend or are considering attendance. As we hope to produce a book on the topic based on the workshop, we will consider preparation of additional chapters by workshop attendees. If you are interested in contributing to a book, please indicate that in your reply along with a brief description of your potential contribution.

The invited speakers represent a range of genera and issues. They are:

- **Alan Brady**, University of Southern Alabama, Squirrel Monkeys and Veterinary Issues
- **Linda Brent**, Southwest Foundation for Biomedical Research, Baboons
- **Mollie Bloomsmith**, Zoo Atlanta, Great Apes
- **Kay Izard**, Alamogordo Primate Facility, Prosimians
- **Susan Lambeth**, University of Texas, Anderson Research Center, Great Apes
- **Gabriel Lubach**, University of Wisconsin, Immunological processes
- **Ingrid Porton**, St. Louis Zoo, Prosimians and Zoo Issues
- **Stephen Suomi**, NICHD Laboratory of Comparative Ethology, Neuroendocrinology
- **Julie Worlein**, University of Washington, NeuroAids and Development

Our rationale for the workshop:

Specific goals of nursery rearing involve some combination of saving at-risk newborns and infants that cannot be reared by mothers for conservation, display, research, and/or future breeding purposes. Some examples of changing goals include need for biological containment in disease research, production of specific pathogen free colonies by removal of neonates from the mother, production of phenotypes for genetic and molecular biology studies, and breeding endangered species for conservation or research purposes.

One change in concepts involves no longer simply warehousing nursery reared primates for future assignment to research projects. Instead, modern methods are aimed at providing psychologically rich environments to foster nondeviant behavioral and physiological development. The underlying concept is that nor-



mal animals make better research subjects. In the extreme view, only normal animals provide valid behavioral or biological subjects in most primate research. A variant view is that reasonably normal development will produce successful breeders and healthy colony members.

The 2002 ASP meeting venue will be Oklahoma City's Cox Convention Center, located across the street from the conference hotel - the newly built Renaissance. The hotel and meeting rooms are within walking distance of the Oklahoma City Bricktown Canal (restaurants, bars, shopping) and the Myriad Garden's Crystal Bridge (a botanical garden where we will have our opening reception). The closing banquet will be held at the National Cowboy and Western Heritage Museum.

The psychological well-being movement and the Institutional Animal Care Committee have brought new dimensions into rearing primates in captivity. These involve both environment and social-behavioral considerations. In this context, regulations regarding rearing methods may bring bureaucracy into conflict with the conditions that actually foster development in meeting research, breeding and husbandry, conservation, or public display goals.

New data of particular importance concerns variations in physiological and growth systems that differentially affect nursery compared with mother reared primates. Examples include immunological, neurochemical, and hormonal effects that impact all aspects of development. Such information is critical for identifying appropriate research subjects, as well as understanding deviations from normative developmental patterns. It is also of importance for understanding nongenetic intergenerational phenomena that affect the health and behavior of future offspring.

Of course, new data identifying conditions producing adaptive, healthy, nursery reared individuals are equally important.

- Gene P. Sackett (Jim), University of Washington, Primate Center, Box 357330, Seattle, WA, 98195; E-mail address: jsackett@bart.rprc.washington.edu.

Education Committee Announces Plans

This year, the ASP Education Committee plans to host two events at the annual conference. The first is another of our annual roundtable discussions regarding life after graduate school. However, this year we plan to focus on how to *survive* grad school. If you are nearing completion of your degree, please come and share your wisdom. If you are just starting out, come and listen in!

Our second event is a workshop for K-12 teachers in the greater Oklahoma City area, where some of our colleagues will have a chance to share information about primates and primatology, and ideas about how teachers can bring this information into their classrooms. This event is scheduled for the two days **following** the ASP conference. Anyone interested in participating should get in touch with Education Committee chair, Lynne Miller, at lmiller@yar.miracosta.cc.ca.us.

ASP in OKC

The 2002 ASP conference will be co-hosted by the University of Oklahoma and the Oklahoma City Zoo.

Prior to the ASP conference, the Zoo will host meetings of several American Zoological Association's primate Taxon Advisory Groups (TAGs). In addition, the Bushmeat Crisis Task Force will conduct a special primate bushmeat awareness session at the Zoo. All registered TAG and ASP attendees are welcomed to attend this bushmeat session.

May 28-31 Prosimian, New World Monkey, and Old World Monkey TAG meetings (& Ape Reporting Session) - OKC Zoo (Contact Dwight Scott - dscott@okczoo.com)

June 1st am Bushmeat Crisis Task Force Presentation - OKC Zoo (Contact Kristen Lukas - kel@clevelandmetroparks.com)

Visit the OKC Zoo web site at: www.okczoo.com



ASP attendees will receive free admission to the OKC Zoo (must show name tag) and a special tour is planned for the day following our conference. Keep this in mind when making your travel plans!

On Wednesday, June 6th, from 10:30am until 11:30am, Oklahoma City Zoo's Primate Keepers will be at the Zoo's primate exhibits giving talks on husbandry issues, including environmental enrichment and operant conditioning.

Primate species at the Zoo include western lowland gorillas, Sumatran orangutans, chimpanzees, ring-tailed and colored brown lemurs, Francois langurs, golden lion and golden-headed lion tamarins, and Goeldi's monkeys.

From the Grant Committee Chairs:

April 19, 2002 is the deadline for all of the Society's grant and award programs, and it is coming soon. Please read the various calls on the web site, and consider making applications and/or nominations:

- **ASP Conservation Small Grant:**
<http://www.asp.org/Conservation/ConsGrantApp2002.html>
contact: Randy Kyes (rkyes@u.washington.edu)
- **ASP General Small Grant:**
<http://www.asp.org/research/ASPSmallGrant2002.html>
contact: Dee Higley (higleyd@exchange.nih.gov)
- **ASP Conservation Awards:**
<http://www.asp.org/Conservation/AwardAnnounce2002.html>
contact: Randy Kyes (rkyes@u.washington.edu)
- **ASP Recognition Awards:**
<http://www.asp.org/Awards/RequestAwardNominations2002.html>
contact: Gabriele Lubach (grlubach@facstaff.wisc.edu)



Whaaaaat?????

Some of you were shocked to see your paper listed as appearing in the Veterinary Medicine category at the 2002 ASP Conference. Do not fear; it was just a computer default setting that I didn't catch on all the papers when I generated the schedule. There is not even a session on Veterinary Medicine in the program! I assigned your papers to sessions containing papers in the topical area you indicated. Everything else in the email you received is correct. We have, however, had to make some minor schedule adjustments. The authors affected by the changes have been notified but you might notice a change in the session numbers (this won't affect your time slot). You can view the schedule at the ASP website. I apologize for any confusion. - *Tammie Bettinger, ASP Program Chair.*

Last Call for ASP Research Grant Applications

The deadline to apply for the Research Grants approaches (Deadline: 19 April 2002). Professors and other mentors, please encourage your students, post docs, and fellows to send in a grant application. If the past is any indication, we have been able to fund a significant number of the grants. Grant proposals are invited for general research projects, with preference given to training initiatives, start-up funds, supplementary funding for students, and innovations in animal care and research technology.

Proposals must be typed, and should not exceed 4 pages. See the ASP web page in the Research section (<http://www.asp.org/research/ASPSmallGrant2002.html>). There you will find the necessary instructions and forms. - *Dee Higley, ASP Research & Development Chair.*

Call for Contributions!

To celebrate ASP's 25th Anniversary, we are preparing a "commemorative booklet" for distribution at the meeting in Oklahoma City.*

We are interested in receiving any photographs from early ASP meetings (i.e., before we had a Society Historian).

If you would like to contribute something, please contact Janette Wallis (janette-wallis@ouhsc.edu).

* Currently dependent upon funding and contributions.

Other ASP News

Online Access to the *American Journal of Primatology* Now Available

Wiley-Liss is offering to ASP members online access to the *American Journal of Primatology* free of charge. Access will be through Wiley InterScience, John Wiley & Sons' comprehensive online search engine, and will include the following features:

- Full text articles in PDF format, abstracts in HTML format
- Information about how to submit papers
- Personal Home Page—a customizable search tool allowing you to store article links; perform customized searches; bookmark “hot articles”; and create, edit, and rerun “Saved Query” searches.
- A listing of the current editorial board
- Links to related sites of interest on the Internet

Wiley InterScience also offers the following services:

- **ContentAlerts:** This service allows users to request and receive tables of contents via e-mail. Users are automatically notified when articles are published matching their specified search criteria. ContentAlerts can be added to, modified, or cancelled at any time to precisely suit research needs. Soon, users will also be able to convert any of the customized “Saved Query” searches from their Personal Home Page into an Alert Profile.

- **CrossRef:** innovative reference linking initiative involving Wiley and other Scientific, Technical and Medical journal publishers. This service allows researchers to move seamlessly from a reference in a journal article to the cited journal article, typically located on a different server and published by a different publisher.

To access the online version of *AJP*, you must be a current member of ASP. Access will be through the Members-only section of the Society's web page: www.asp.org/MembersOnly/login/login.cfm

Members' usernames and passwords, necessary for logging into the Members-only section, appear at the bottom of each email sent by the Society to members, and can also be requested via email by going to the login screen.

At this point, members will have access to the online version of *AJP* at least through the end of 2002. The Board of Directors is interested in your feedback about this new feature.

New Early Career Award Announced

The Awards and Recognition Committee would like to alert ASP members to a new award: the Early Career Achievement Award, which acknowledges exceptional work by beginning scientists. The Award would be given to someone who is less than 7 years past receiving the Ph.D. The work commended must have been carried out independently of the advisor, and be independent of the doctoral work.

The Award will include a plaque, \$500, travel expenses for attending the next ASP conference, and designation as a featured speaker for that conference.

Nominations must come from outside the lab or research unit in which the individual works. A nominating letter and two letters of support are required.

Any applications received will be reviewed by the A&R Committee at the 2003 ASP conference in Calgary. - *Gabriele R. Lubach, Ph.D., Chair, Awards and Recognition Committee, Harlow Primate Laboratory, University of Wisconsin, 22 North Charter Street, Madison, WI 52715; Tel.: (608) 263-3533; Fax: (608) 262-6020; E-mail: grlubach@facstaff.wisc.edu.*

Dr. Gabriele Lubach Becomes Third ASP Historian

Dr. Gabriele Lubach, an Assistant Scientist at the Harlow Center for Biological Psychology, University of Wisconsin, Madison, will become the third Historian for ASP. Gabe succeeds Dr. Peggy O'Neill Wagner, who has been Historian since 1994.

Gabe has expressed strong interest in maintaining the Society's archives, and in making some of the material more widely available on the Society's web page. Gabe and Peggy will work on the transition and the relocation of files from Poolesville to Madison at our upcoming meeting in Oklahoma City. We will still see Peggy with her camera, though, as she has offered to help out with the photography!

I hope everyone will take the chance to thank Peggy for all of her work as Historian – it really is a labor of love – and to welcome Gabe in this role. – *John Capitanio, ASP President.*

Trea\$ury Note\$

Once again, there are a couple of things of importance to discuss in this *Bulletin*.

For those of you who have paid your dues for 2002, thank you. For those who have not, second renewal notices for 2002 will be sent out shortly. Remember that dues have gone up by \$10 for full members, and by \$5 for student and retired members. There has been NO increase in the cost of a one-year subscription to *AJP*. Dues for full and student members include a one-year subscription to the *American Journal of Primatology*.

Please note that the publisher of *AJP* takes a fairly long time to start a new subscription or to renew an expired subscription. It has been taking at least 8 weeks from the time you pay me, for your first issue of *AJP* to arrive. In some cases, it has taken longer. The publisher is working to decrease the time between payment and receipt of the first issue.

Recall that NEW voting members (full or retired) must have their membership application endorsed by two voting members in good standing. This endorsement will take place electronically and is explained on the ASP homepage and on the new membership application. Several times recently, a new member has used his/her former professor or other ASP member as an endorser, only to find out that their endorser had not yet paid their 2002 dues and could therefore not endorse their application. If you know someone will be requesting your endorsement, please make sure that your dues are current.

We still have a few free subscriptions to *AJP* available to source country primatologists who can not afford to pay. If you know of worthy potential recipients of free *AJP* subscriptions, please contact me. Make certain to include the complete mailing address for the individual when you contact me.

And as usual, if you are having trouble with your *AJP* subscription, please let me know. There have been some personnel changes at Wiley and we are trying to get everything coordinated. Remember, however, that your first issue is extremely unlikely to arrive sooner than 8 weeks after I receive your payment.

I have been honored to serve ASP as Treasurer for the last six years. Thank you for your participation in and support of the activities of the American Society of Primatologists. - *Steve Schapiro, ASP Treasurer.*

Biographical Sketches of Candidates for American Society of Primatologists' 2002 Election



The following nominees have been chosen to run for ASP President-Elect, Treasurer, and Executive Secretary. If you are a Full or Retired ASP member (i.e., eligible to vote), you will find a ballot enclosed in this *ASP Bulletin*. Please vote for one nominee in each category and return the ballot no later than **May 15, 2002** (see address on ballot). Note: You are also welcome to cast your vote online at the ASP web site (<http://www.asp.org/MembersOnly/login/login.cfm>). Obviously, if you elect to vote online, do not return the paper ballot.

For the office of ASP President-Elect:

Randall C. Kyes

B.A., University of Maine, Orono, 1981; M.A., Bucknell University, 1985; Ph.D., University of Georgia, 1989.

Current Position: Research Associate Professor, Psychology (Adjunct, Anthropology) and Head, Division of International Programs, Regional Primate Research Center, University of Washington.

Research Interests: Social Behavior, Perception, Temperament, Behavioral Ecology, Conservation Biology.

ASP Activities: Conservation Committee (Chair), 1996-present; Executive Committee, 1996-present; Editorial Board, *American Journal of Primatology* (1999-present); Research & Development Committee, 1994-1996; Program Committee, 1990-1994; Education Committee, 1986-1990.

Steven J. Schapiro

B.A., Johns Hopkins University, 1980; M.A., University of California, Davis 1983; Ph.D., University of California, Davis 1985.

Current Position: Assistant Professor, Chief, Section of Behavioral Care and Enrichment, Department of Veterinary Sciences, The University of Texas M. D. Anderson Cancer Center, Bastrop, TX.

Research Interests: Behavioral management, Psychological well-being, Psychoneuroimmunology, Environmental enrichment, Positive reinforcement training, Socialization.

ASP Activities: Treasurer, 1996-present; Board of Directors, 1996-present; Executive Committee, 1996-present; Chair, Membership and Finance Committee, 1996-present; Chair, Local Arrangements Committee, 1998; Education Committee, 1992-1996.

Janette Wallis

B.S., University of Oklahoma, 1977; M.S., University of Oklahoma, 1980; Ph.D., University of Oklahoma, 1986.

Current Position: Associate Professor of Research, Department of Psychiatry & Behavioral Sciences, University of Oklahoma Health Sciences Center and Director of Behavioral Studies, OUHSC Baboon Resource Center.

Research Interests: Primate reproductive behavior and biology (esp. chimpanzees & baboons); conservation (including topics of bushmeat, disease transmission); communication and social dynamics.

ASP Activities: Current: Executive Secretary of ASP (1998 - present), Editor of the *ASP Bulletin* (1998 - present), Series Editor of the *ASP Book Series* (2000 - present); ASP Executive Committee Member (1994 - 1996; 1998 - present); Associate Editor for *American Journal of Primatology* (1998 - present); Represent ASP on Bushmeat Crisis Task Force Steering Committee (2001 - present); Local Host for 25th Annual Meeting, June 2002. Previous: Publications Chair (1994 - 1996), Conservation Committee member (1992 - 1998); Chair, Private Ownership of Primates Task Force (compiled white paper for ASP - 1995).

For the office of ASP Executive Secretary:

Tara S. Stoinski

B.A., Tufts University, 1991; M.S., Oxford University, 1993; Ph.D., Georgia Institute of Technology, 2000.

Current Position: Coordinator of Primate Research, Zoo Atlanta; Scientist, The Dian Fossey Gorilla Fund International.

Research Interests: Cognition, social dynamics, reintroduction as a conservation strategy, environment and behavior, and the educational impact of zoos and are focused on gorillas, orangutans, drills, golden lion tamarins, and humans.

ASP Activities: Program Committee, 2002; assisted Program Committee Chair, 1999-2000; participant in ASP Education Committee workshops, 2001; evaluator for ASP student competition, 2002.

Toni Ziegler

B.S., Texas A&M University, 1975; Ph.D., Texas A&M University, 1982; Post-doctorate, University of Wisconsin-Madison, 1983-86.

Current Position: Senior Scientist, Department of Psychology and Wisconsin, Regional Primate Research Center, Co-Director of Assay Services, Wisconsin Regional Primate Research Center.

Research Interests: Behavioral neuroendocrinology of primates, especially neuroendocrine influences on parental care behaviors in cooperative breeders.

ASP Activities: ASP member since 1980; 1996 Head of Social Committee for American Society of Primatologists/International Primatological Society combined meeting in Madison; 1999, 2001 Chair, Reproductive Endocrinology sessions for ASP Meetings.

For the office of ASP Treasurer:

Kay Izard

B.S., Duke University, 1974; M.S., North Carolina State University, 1978; Ph.D., North Carolina State University, 1981.

Current Position: Primate Behaviorist and ACUC Chair, Alamogordo Primate Facility, a Charles River Laboratories company in Alamogordo, N.M.

Research Interests: Reproductive Biology and Enrichment; prosimians, macaques, chimpanzees.

ASP Activities: Member 1981-present; Finance Committee 2000-2002, Nominations Committee, 1998.

Evan Zucker

B.S., University of Maryland, College Park, 1974; M.A., Emory University, 1980; Ph.D., Emory University, 1983.

Current Position: Professor, Department of Psychology, Loyola University, New Orleans, L.A..

Research Interests: Life Histories, Adult Social Interactions, Population/Demography studies.

ASP Activities: Charter Member; Local Arrangements Committee 1978, 1988 (host), 1999; Membership and Finance Committee 1988-1992; Program Committee 1992-1994, Chair 1994-1998; Editorial Board, *American Journal of Primatology*.

Conservation Conversation

Littoral Forest Primate Fauna in the Tolagnaro (Fort Dauphin) Region of Southeastern Madagascar

Matthew Banks, Duke University Primate Center
2000 ASP Conservation Grant Recipient

A ten month survey of primate fauna in three littoral forest sites of high conservation priority was conducted in southeastern Madagascar from the period between September 2000 and July 2001. Primates were surveyed using the line transect method and densities were estimated by fitting a species' detection function to a wide range of estimator models each varying in its response to systematic bias. To further improve the reliability of our density estimates the study began by employing test transects at Vatoharanana Station in Ranomafana National Park, an area of known primate density. Botanical surveys were performed at all three sites in the interest of examining relationships between lemur population density and habitat quality.

Results from a 1997 preliminary survey of primate species from littoral forest habitats of the Tolagnaro region reveal increases in the encounter rates of two IUCN listed taxa (*Eulemur fulvus collaris* and *Avahi laniger laniger*) when compared with the current survey. Current density estimates for these two species were relatively high in sites where they were detected (0.457 animals/hectare and 0.966 animals/hectare respectively) and may reflect decreased hunting pressure on primates in these areas since 1997 when hunting was documented.

Primate density was not correlated with habitat conditions during the current survey although habitat conditions varied significantly across the three sites. Variation may in fact be more indicative of the heterogenous nature of the fragments floristically and not necessarily

differences in the level of habitat quality for lemurs. Notably, all three sites are located in close proximity to one another and encompass a system that includes mangroves, lakes, rivers, dunes, swamps, forest, and ocean. While substantially fragmented, it is apparent that these forest blocks still provide important refuges for lemurs and other unique species of this region.

Efforts at conservation management at these locations should gain invaluable from future studies aimed at shedding further light on the responses of forest primate populations to fragmentation. Frequently described as an "umbrella species," the persistence of certain primates in forested locations may be useful in delineating habitat requirements for a broad number of species. As the number of research and business commitments at these locations continues to rise, strategies for future economic development and conservation management might aptly focus on promoting the growth of education in the greatly impoverished communities that are hosts to such rare treasures of nature. The obligation to involve these communities as much as possible in these types of endeavors represents a conservative approach to development that both protects the natural environment and shows support for the local community.

Matthew Banks, Research Associate, Duke University Primate Center, 3705 Erwin Road, Durham, NC 27705-5000, E-mail address: matbanks@hotmail.com.



The brown collared lemur (*Eulemur fulvus collaris*) of Madagascar
(Photo by M. Banks).

To learn more about the
American Society of
Primatologists' Conservation
Grants, see the web site at:
www.asp.org (and follow the
links marked "Conservation").



Conservation Conversation



A chimpanzee crosses between a sugarcane field and a forest fragment.

Monitoring the Behavioral Ecology and Viability of Forest Fragment Chimpanzees, Masindi District, Uganda

Janette Wallis, Dept of Psychiatry & Behavioral Sciences, University of Oklahoma Health Sciences Center
2000 ASP Conservation Grant Recipient

With Vernon Reynolds^{1,2} and Richard Kyamanywa² (¹Oxford University; ²Budongo Forest Project)

The Budongo Forest Reserve is the largest mahogany forest in East Africa and the largest remaining forest block in Uganda. It is home to an estimated 600 chimpanzees, 20% of the approximately 3,000 chimpanzees remaining in Uganda today. Budongo was one of the first sites for wild chimpanzee research and is now home base of the Budongo Forest Project (BFP). The region surrounding the Budongo Forest Reserve has seen encroachment by humans over the last several decades. Local human populations have deforested some areas for farming purposes and a large sugar plantation has grown unrestricted within recent years. As a result, the region is peppered with small forest fragments.

During 1999, a small community of chimpanzees was discovered inhabiting one forest fragment in Masindi District, southeast of the Budongo Forest main block. This community ranges to the southeast of Budongo, into a riverine forest strip large enough to have been designated as Kasokwa Central Forest Reserve (CFR). The strip is approximately 7 km in length and is approximately 100-200 m wide along the Kasokwa River and has been utilized by chimpanzees over a long period, according to members of the local village of Karajubu.

In October of 1999, personnel of the Budongo Forest Project dispatched a locally trained Field Assistant to investigate the behavioral ecology of these chimpanzees. One aim was to determine if the forest patch was suitable for their long-term survival, or whether plans should be made to translocate the chimpanzees to a more suitable environment. With proper information on the subjects' behavioral ecology, we will be able to determine whether the chimpanzees can survive in the forest fragment for the next several years. In addition to this forest fragment at Kasokwa, several other forest fragments in the district will be surveyed during the coming years as part of a general assessment of the region.

One Field Assistant (R. Kyamanywa) who lives locally was aware of the existence of these chimpanzees and was employed by the Budongo Forest Project (BFP) in September 1999. Although this forest does not have a regular trail system, there are human paths in the forest along the course of the river so that movement is possible without noise or disturbance.

In September 2000, a second field assistant was employed with funds obtained through an ASP Conservation Grant.

Preliminary data indicated that at least 12 chimpanzees lived in the small strip of riverine forest along the Kasokwa River: 1 adult male; 4 adult females; 3 subadult males; 2 juvenile males; 1 juvenile female; and 1 infant.

Whereas the forest appears to support an adequate food supply for much of the year, during the dry season the chimpanzees were



Between houses (foreground) and sugarcane field (background) is a small strip of forest. In this forest live about 14 chimpanzees cut off from the main forest.

observed to leave the forest and eat sugar cane and other crops raised by local people. This encroachment by the chimpanzees (but, more often, baboons) has led some local farmers to set traps. Consequently, at least 50% of the chimpanzees first identified (N=7) had snare wounds (missing or deformed appendages).

In fact, on 6 June 2000, the dominant male chimpanzee, *Kigere*, was caught by the right hand in a large iron 'man trap' 40 cm in length and weighing 10 kg. He dragged and carried the trap around with him for 11 days before he finally succumbed to gangrene and septicemia. He was found dead on 17 June 2000.

Remarkably, within a couple of months of *Kigere's* death, a new adult male and two adult female chimpanzees (one with an infant) arrived in the Kasokwa forest. It is possible that they came from another of the forest fragments to the south, rather than from the Budongo Forest Reserve proper. The transfer into a community by an adult male chimpanzee is a very unusual event. Thus, further study of this new male and his behavior is warranted, as is the continued survey of the area for additional for-

est fragments containing small isolated groups of chimpanzees.

On 1 July 2000, a human boy of 6-8 months of age was seized by a young female chimpanzee of the Kasokwa community and taken into the forest. He was found dead on the forest floor some hours later.

As these events portray, relations between the humans and chimpanzees at Kasokwa have been antagonistic at times. Recent (as yet unconfirmed) reports suggest additional conflict in a nearby area; a young girl was attacked by a chimpanzee and the local villagers sought revenge by entering the forest and killing the first chimpanzee they encountered.

A community based organization, Nature Conservation and Promotion Association (NACOPRA), was formed in 2000 to protect and preserve the remaining forest and wildlife living within the area. This grassroots organization functions through voluntary activity of local people, with a small amount of financial aid from the Environmental Protection and Economic Development project (EPED) and Budongo Forest Project (BFP). In fact, the BFP is running an educational outreach program to try and sensitize people to the plight of the chimpanzees - both in the Kasokwa area as well as areas more close to the main forest block.

Because community support is necessary for any conservation program to succeed, representatives of several local stakeholders have met on a regular basis since April 2000. The gatherings, aimed at assuring open dialogue and cooperation, include NACOPRA, local community leaders, a senior Kanyawara Sugar Works representative, officials from the Forest Department, and BFP personnel.

With the continuation of the project, the BFP will supplement NACOPRA, which has implemented a local conservation education program. Funds obtained from an additional ASP Conservation Grant are being used to provide supplies and educational materials for this program - as well as to continue salary support for field personnel.

- Janette Wallis, Ph.D., Dept of Psychiatry & Behavioral Sciences, OUHSC, PO 26901, Oklahoma City, OK, 73190; E-mail: janette-wallis@ouhsc.edu. (Report abstracted from chapter by Reynolds, Kyamanywa, & Wallis).

Conservation Conversation

Primates Status Survey and Conservation Priorities in Namdapha National Park, Arunachal Pradesh, India

Dilip Chetry, Animal Ecology and Wildlife Biology Laboratory, Dept. Zoology, Gauhati University, Assam, India
2001 ASP Conservation Grant Recipient

Introduction

Northeast India holds a unique place in the world biodiversity map. Primates are one of the major components of this diversity. Out of 15 primate species found in India, 9 occur in the Tropical and Sub-tropical forests of the region. Distribution of these species is, however, not uniform in all parts of the region and few forest pockets share a higher diversity of primates than the others. Namdapha National Park in Arunachal Pradesh is one such area in the distribution range of the nonhuman primate. Seven species of primates have been reported from Arunachal Pradesh (Borang and Thapliyal, 1993). The species are slow loris, rhesus macaque, Assamese macaque, stump-tailed macaque, pigtail macaque, capped langur and hoolock gibbon.

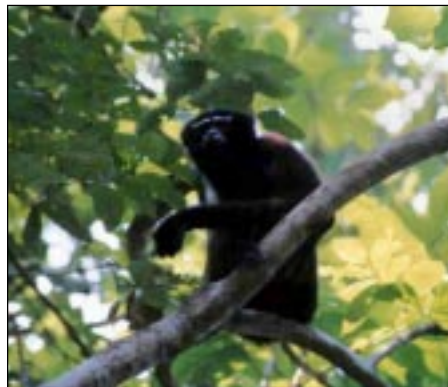
There is no thorough survey of the primate species in Namdapha National Park and most of the information of the occurrence of primates in the Park is based on secondary information. The survey reported here was conducted during the month of February 2002 and aimed at establishing the status of the primates in the National Park.

Objectives

The aim of the survey was to establish the status of the different species of primate in Namdapha National Park and to identify the threats. This is the first step of generating field-based data that can be used in formulating a long-term conservation and management plan for the primates in particular and wildlife in general.

Study Site

The study site, the Namdapha National Park and Tiger Reserve, is located in the Changlang District of Arunachal Pradesh, In-



Hoolock gibbon (*Hylobates hoolock*)
in Namdapha National Park
(Photo by D. Chetry)

dia. The park, with an area of 1985 sq.km, lies between 27°51' to 20°51' N latitude and 95°45' to 97°30' E longitude. The altitude ranges from 200 msl to 4500 msl. Annual rainfall varies between 2500mm to 3500mm. Mainly two types of forests are found: tropical evergreen forest or Assam Valley Tropical wet evergreen Forest, dominated by Dipterocarps, and Tropical moist deciduous forest, dominated by *Terminalia* and *Duabanga* (Champion and Seth 1968).

Methods

A modified line transects method (Burnham et al 1980; NRC 1981, Struhsaker 1997, Indo-US Primate Project 1995) was followed depending upon the habitat and the forest condition in the buffer region of the park. Transects were laid in a stratified random manner to cover all representative areas of the park (Mueller-Dombois et al. 1974, Kent et al. 1994). Three groups of observers walked randomly through existing forest trails and occasionally without forest tracts covering on an average of 13-15 kms per day.

The walk transects were initiated in the morning and terminated in the evening. On sighting primates, the group structure and individual detail, like age, sex and number of individuals, were recorded.

Secondary information was gathered through interacting with the local people from the fringe areas.

Results and Discussion

The survey was mainly concentrated in the buffer region of the park. Five species of the primates viz. *Macaca mulatta*, *M. nemestrina*, *M. assamensis*, *Trachypithecus pileatus* and *Hylobates hoolock* were encountered.

This study for the first time is reporting the confirmed occurrence of pigtail macaques in the Namdapha National Park. Secondary information collected by interacting with the local people from the fringe areas show that there is primate hunting in and around the park by the tribal people.

Further detail from long-term survey is ur-

Species	Sighting	Average Group size	Group density
<i>Hylobates hoolock</i>	Direct	3.3	0.74 groups/km ²
<i>Trachypithecus pileatus</i>	Direct	6.7	0.67 groups/km ²
<i>Macaca nemestrina</i>	Direct	15	0.07 groups/km ²
<i>Macaca assamensis</i>	Direct	13.93	1.11 groups/km ²
<i>Macaca mulatta</i>	Direct	12.3	0.44 groups/km ²
<i>Macaca ??</i>	Direct	15	0.07 groups/km ²
<i>Macaca arctoides</i>	Indirect	Yet to be determined	Yet to be determined
<i>Nycticebus coucang</i>	Indirect	Yet to be determined	Yet to be determined

??= Not identified; macaques with short tail however longer than stump-tailed macaque & no coloration on face and genital part.

gently needed to identify the macaque species or subspecies, which could not be identified during this survey. It is also necessary to carry out further surveys to evaluate the status of the park as a possible potential site for a viable population of stumptailed macaque. A public awareness program regarding the importance of the primates is needed in the fringe area villages.

Acknowledgments

This research was conducted with funds (Conservation Small Grant) from the American Society of Primatologists. This work could not be possible without the help of Rekha Medhi, Jihosuo Biswas of Animal Ecology and Wildlife Biology Lab. Dept. Of Zoology, Gauhati University, Dr. Debojit Das of Assam Veterinary College, Joynal Abedin (BENU) of Dibru-Saikhowa Wildlife Society and members of AARANYAK. Special thanks go to the Di-

rector and Staffs of the Namdapha National Park and Primate Research Centre (Northeast) for the logistic supports. I am grateful to Prof. U. C. Goswami and Prof. P. C. Bhattacharjee for providing the support.

References

- Borang, Asham and Thapliyal, G.S. 1993. Natural distribution and ecological status of non-human primates in Arunachal Pradesh. *Indian Forester*, pp. 834-844, Oct.
- Burnham, K.P., D.R. Anderson, and Laake, J.L. 1980. Estimate of Density from Line Transect sampling of Biological Populations. *Wildlife Monograph* 72. Washington, D.C.: The Wildlife Society. 202 pp.
- Champion, H.G. and Seth, S.K. 1968. A Revised Survey of the Forests Types of India. New Delhi: The Manager of Publication.
- Indo-US Primate Project. 1994-1995. Annual Report-I.

Kent, M., and P. Coker. 1994. *Vegetation Description and Analysis: A practical Approach*. John Wiley and Sons, Ltd., Chichester, 363 pp.

Mueller-Dombois, D and Ellenberg, H. 1974. *Aims and Methods of Vegetation ecology*. John Wiley and Sons, Inc., New York, 547 pp.

NRC. 1981. *Techniques for the study of Primate Population Ecology*. (National Research Council (NRC), National Academy Press, Washington D.C., 227.

Struhsaker, T.T. 1997. *Ecology of an African Rain Forest: Logging in Kibale and Conflict between Conservation and Exploitation*. University Press of Florida, 434 pp.

Dilip Chetry, Animal Ecology and Wildlife Biology Lab, Dept of Zoology, Gauhati University, Guwati, 781014, Assam, India; E-mail: chetryd@rediffmail.com.



2002 Call for Conservation Award Nominations and Grant Applications

Nominations for Conservation Awards and Grants are now being sought by the American Society of Primatologists (ASP). These awards and grants, funded from the ASP Conservation Fund, are a mechanism to recognize deserving colleagues and students, including those from primate habitat countries – countries with native primate fauna – for whom the prestige of an ASP award or grant can be a valuable aid to the recipient's conservation efforts.

Subscription Award: This award provides the *American Journal of Primatology* to worthy individuals in habitat countries who otherwise would have little access to the scientific literature on nonhuman primates. Preference is given to individuals who will make the journal available for use by students and colleagues. The award is normally granted for a 5-year period. Recipients are requested to submit a brief report every two years summarizing the use of the journal. A nominating letter should describe the nominee's credentials, his/her primate-related activities, and should explain why the nominee deserves to receive high priority consideration.

Conservation Award (\$750): This award provides recognition and financial support for students and young investigators from habitat countries who demonstrate potential for making significant and continuing contributions to primate conservation. Those eligible include students, researchers, and educators from primate habitat countries for whom no more than five years have elapsed since receipt of their terminal degree. Nominators should provide the name, title and full mailing address of their nominee, along with a statement about the nominee's qualifications for the award, focusing on past and potential contributions to primate conservation. A copy of the nominee's vita is requested. Supporting letters from other individuals acquainted with the nominee's work may be submitted. Past awards have been presented by U.S. Ambassadors or other senior officials, thereby obtaining favorable publicity for the award, its recipient, and primate conservation in the recipient's country.

Conservation Small Grants (up to \$1,500): Grant proposals are solicited for conservation research or related projects, including conservation education. ASP and IPS members working in habitat countries are especially urged to apply or to help someone from a habitat country submit a meaningful project which can be a portion of a larger effort. Grant applications may be obtained by contacting the ASP Conservation Committee Chair at the address below or from the conservation section on the ASP web page (www.asp.org). Recipients of grants must agree to submit a brief report (maximum 1 page, single spaced), in a form suitable for publication in the *ASP Bulletin*, to the chair of the ASP Conservation Committee within 6 months of completion of the project.

Evaluation and Application Procedure: The Conservation Committee will make its recommendations for awards and grants to the ASP Board of Directors at the annual ASP meeting. Successful nominees and applicants will be informed following the meeting and their names will be published in the *ASP Bulletin* and posted on the ASP web page. The **2002 deadline** for submission of nominations and grant proposals is **19 April 2002**. All materials should be sent as an email attachment (rkyes@u.washington.edu), mailed, or faxed (206-685-0305) to Randall C. Kyes, Chair, ASP Conservation Committee, Regional Primate Research Center, Univ. of Washington, Box 357330, Seattle, WA 98195 -Randy Kyes, Conservation Committee Chair

Conservation Conversation

Survey of Primates in West Kameng District, Arunachal Pradesh, India

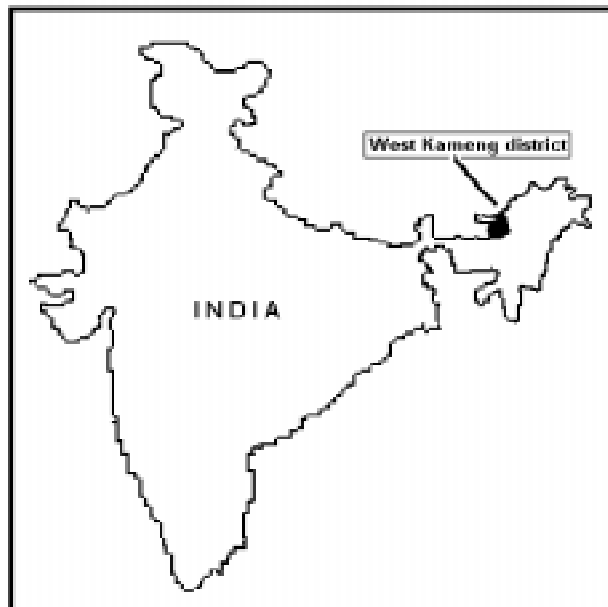
Anwarruddin Choudhury, The Rhino Foundation for Nature in N. E. India
2000 ASP Conservation Grant Recipient

A Small Grant from the American Society of Primatologists was received in 2000 to conduct field survey of primates in the West Kameng district (26°50'-27°50'N, 92°00'-92°50'E) of Arunachal Pradesh in northeastern India. This area, a part of a biodiversity 'hotspot', was not previously covered by any detailed survey for primates. The entire area is hilly and mountainous, being part of the Eastern Himalaya.

The main objectives of my project were to ascertain current distribution, status and threats to the survival of primates in the area and finally, a plan for their conservation and awareness among the locals. Presence of four species of primates could be confirmed, with a possible fifth. These were the slow loris (*Nycticebus coucang*), Assamese macaque (*Macaca assamensis*), rhesus macaque (*M. mulatta*), and the capped langur (*Presbytis pileatus*). A band of interesting macaques was sighted in the area in November 1997 and subsequently during this study also. Although similar to the more common *M. assamensis*, these monkeys showed some interesting variations. They had proportionately shorter tails (some individuals, especially adult males, having very short ones), slightly more prominent buffy side-whiskers and also slightly different vocalizations. On the basis of all these characteristics, they were tentatively identified as Père David's macaque (*M. thibetana*).

The survey revealed that viable populations of the Assamese macaque and Capped langur are still found in different areas, notably in Eaglenest Wildlife Sanctuary, Sessa Orchid Sanctuary, Doimara Reserved Forest, Amortola Reserved Forest, Tenga Reserved Forest, and in the unclassified forests near Tenzinggang, between Shergaon and Morsing, slopes of Mandla Phudung Range, and the range west of

Kalaktang. Scattered populations occur all over. Both the species ascend high elevation areas on the Great Himalaya in summer, the former up to 3000 m (rarely to 3100 m) while latter to 2800 m. The Slow loris and Rhesus macaque are confined to the edge of the plains, below



300 m although both have been recorded at higher elevations elsewhere. The macaques, tentatively identified as that of *thibetana* occupies high elevation areas between 2000 and 2700 m in temperate broadleaf forest.

It is intriguing to question whether the new macaques are *M. thibetana* or a subspecies of *M. assamensis*, or even a subspecies of the former? These interesting macaques need further study and a fresh review of *M. assamensis*

and *thibetana*, at least at subspecific level, is necessary. The survey found that the primates still range almost all over the district excluding the high snow-capped areas at some time or the other. Habitat destruction for firewood, especially in cold winter, *jhum* (slash-and-burn shifting cultivation), logging, road construction, alteration of mixed forest-habitat through plantation of pine (*Pinus spp.*) and creation of winter grazing grounds for the domestic yaks by clearing forest are the main threats. Hunting of primates for food is mainly done in the eastern part only where the Aka and Miji tribes are found. In the rest of the district, the main tribes are the Monpas in the north (the dominant tribal group of the district) and Sherdukpens in the south. They do not take primate meat and profess Buddhism. Only occasionally do they kill Assamese macaques when the monkeys raid their maize fields. The Bangni tribals (a subtribe of the Nishis) of adjacent East Kameng district often kill both macaques and langurs for food in the present study area. They also use the pelt of the Capped langur as a cap for their traditional knife (a rather long one). Protection of forest in the high elevation areas (not necessarily Government-controlled reserves but community-controlled reserves in view of private/community ownership, and heavy erosion in deforested areas), check on hunting, and an awareness campaign in the Miji and Aka tribal villages are recommended.

Detailed analysis of field data is being done for publication of articles/papers.

Anwarruddin Choudhury, The Rhino Foundation for Nature in N.E. India, The Assam Co., Ltd., G. Bordoloi Path, Bamunimaidam, Guwahati 781 021, Assam, India; E-mail: badru@sancharnet.in.

To learn more about the American Society of Primatologists' Conservation Grants, see the web site at: www.asp.org (and follow the links marked "Conservation").





As most of you know, the American Society of Primatologists has been supporting the Bushmeat Crisis Task Force (BCTF) since its inception. In 2001, we won a seat on the BCTF Steering Committee and I'm proud to be the ASP representative on that Committee.

Even before the BCTF formed, however, the ASP has taken a serious view of bushmeat crisis as it relates to primates. A number of workshops and symposia have occurred at our annual conferences, our journal welcomes bushmeat related articles, and the ASP Conservation Grants are available for projects that address the hunting of primates. Even when bushmeat is not the main focus of a conservation project, it is often present as a concern. For example, all four of the conservation reports appearing in this *ASP Bulletin* (pages 8-12) mention hunting and its effect on the primate subjects under study.

The BCTF headquarters is located in Silver Spring, MD, within the main offices of the American Zoo & Aquarium Association. A portion of the funds from Supporting Members (such as ASP) are used as salary support for three BCTF staff: **Heather Eves**, Director; **Natalie Bailey**, Program Coordinator; and **Julie Stein**, Scientific Coordinator. These three, in cooperation with a variety of interns and volunteers, have made major strides in the fight against the bushmeat trade. Their primary aim is to coordinate information exchange and facilitate activities of organizations and individuals working on this issue.

The BCTF Steering Committee is made up of 11 voting members and corresponding alternates. A complete list and biography of these mem-

Some recent/ongoing BCTF Activities:

- **Bushmeat Hotspot Map:** The BCTF is preparing a map of "hotspots" to serve as an information resource. It will include details of marketplaces, reports of hunting, etc. This map will be online and interactive, using new technology for the internet. More details to follow.
- **Education Workshops:** One of the most exciting BCTF projects is to aid in the development of bushmeat curriculum for the three regional wildlife colleges in Africa (in Cameroon, Tanzania, & S. Africa). The first of a series of workshop was just successfully completed at Garua College in Cameroon.
- **Bushmeat Information Packets:** A major part of the BCTF activities include the collection and dissemination of information. Recent activity includes the revision and update of some information in its packets. Of note is the preparation of "Fact Sheets" focussed on regions and species most effected by the bushmeat crisis.
- **Collaboration with Other Groups:** The BCTF works closely with other groups to address bushmeat issues. In particular, the CITES Bushmeat Working Group is key partner in this effort.
- **Fundraising:** As the BCTF staff develop new projects, funding is continually sought to cover these initiatives.

Details of the above activities (and more) are available on the BCTF web site.

From the BCTF Information Packet:

What is the Bushmeat Crisis?

In Africa, forest is often referred to as "the bush," thus wildlife and meat derived from it is referred to as "bushmeat" (in French - *viande de brousse*). This term applies to all wildlife species, a number of which are threatened and endangered species used for this meat. Though habitat loss is often cited as the primary cause of wildlife extinction, commercial hunting for the meat of wild animals has become the most immediate threat to the future of wildlife in the Congo Basin in the next 5-10 years and has already resulted in widespread local extinctions throughout West Africa.

BCTF Vision

Eliminate the illegal commercial bushmeat trade through the development of a global network that actively supports and informs nations, organizations, scientists, and the general public.

BCTF Mission

To build a public, professional and government constituency aimed at identifying and supporting solutions that effectively respond to the bushmeat crisis in Africa and around the world.

bers is available at the BCTF web site. We meet in Silver Spring twice annually, and have a telephone conference per month (except when we meet in person). An email list provides even more frequent exchange of information and ideas.

Eight sub-committees have been formed to address a wide range of bushmeat topics: Long-term solutions - Policy Development, Sustainable Financing, Bushmeat Education, Protected Area Management and Monitoring; Short-term Solutions - Hunter-Market Seller/Control of Access, Linkages (private sector/ngos/gov), Public Outreach/Media, Economic and Protein Alternatives. Some of these sub-committees have already developed their Action Plans for the coming year.

Though the current focus is on Africa, the bushmeat crisis is, of course, a growing problem worldwide. In many regions, the hunting of wild meat, whether for subsistence or commercial trade, is occurring at an unsustainable rate. Helping to find solutions to this problem - through alternative food sources, improved law enforcement, and responsible environmental protection - is part of the mandate of the BCTF.

The bushmeat crisis is not confined to primates, of course. Elephants, forest carnivores, and diukers are being hunted at an alarming rate. The ASP's role on the Steering Committee, however, has been to help provide expert opinion and advice on primates. In the next few months, I'd like to develop a network of field primatologists working in areas where hunting is a threat. In particular, the goal would be to establish a mechanism to exchange conservation education ideas, tips, strategies, and experience. This project would not be limited to ASP members (though all are encouraged to join!), but as an ASP initiative, the network would provide an important source of information to serve ASP, BCTF, and of course the nonhuman primates we study. If approved, both the ASP Conservation Committee and the Education Committee will no doubt be involved in such a network-building endeavor. If you have an interest in such a network, please contact me.

- *Janette Wallis, ASP's Representative to the BCTF Steering Committee; E-mail: janette-wallis@ouhsc.edu.*

To learn more about the Bushmeat Crisis Task Force, check out the web site at:
www.bushmeat.org

Bulletin Board



Important Announcement about the International Society of Primatologists' Meeting in Beijing, August 2002



Evolution of Communication Invites Submissions

Greetings from Organizing Committee of IPS-19!

Although the deadline for submitting your abstract for IPS-19, the 31st March, 2002, has passed, we decide to extend the deadline a little bit later to April 20 at the request of participants. If you have not submitted your abstract till now, would you please send your abstract at your earliest time to the Editor Ms. Yanyun Yang either e-mail: <kmips19@mail.kiz.ac.cn> or by post or fax to:

Ms. Yanyun Yang
 Kunming Institute of Zoology, CAS
 32 Jianchang Donglu, Kunming
 Yunnan, 650223, China
 Fax: 86 871 513 0513/519 1823

If you are invited by IPS-19 symposium or workshop organizers, please send your abstract to your symposium or workshop organizers. They will collect all the abstracts in their symposium or workshop and combine them together, then send it to me via e-mail: <ips_beijing@panda.ioz.ac.cn>

Looking forward to meeting you in Beijing this August. Best regards! - Prof. Fuwen Wei, Ph.D., Secretary General of IPS 19, c/o Institute of Zoology, the Chinese Academy of Sciences, 19 Zhongguangcun Rd., Haidian, Beijing, 100080, China; Tel: 86-10-62581474(O); Fax: 86-10-62565689; E-mail address: ips_beijing@panda.ioz.ac.cn; <http://www.ips.ioz.ac.cn>.

Evolution of Communication is a broadly conceived journal providing an interdisciplinary forum for fields sharing an interest in communication, including evolutionary biology, behavioral ecology, animal behavior, primatology, artificial intelligence, linguistics, cognitive science, neuroscience, social and developmental psychology, cultural and biological anthropology. *Evolution of Communication* is published twice a year, to become quarterly, and contains both empirical and theoretical studies, in addition to review articles. Special issues will be devoted to topics of broad interest and will include target articles and reaction papers to them.

The Editor invites relevant contributions which may be sent, in triplicate, to: Harold Gouzoules, Department of Psychology, 532 Kilgo Circle, Emory University, Atlanta, Georgia 30322, U.S.A.

Please see the following URL for more information: <http://www.emory.edu/COLLEGE/CULPEPER/GOUZOULES/harold/eoc.html>; Tel: (404) 727-7444; Fax: (404) 727-0372; E-mail: psyhg@emory.edu.

Grant Programs of the Burroughs Wellcome Fund

The Burroughs Wellcome Fund (BWF) is an independent private foundation dedicated to advancing the medical sciences by supporting research and other scientific and educational activities. Within this broad mandate, BWF's general strategy is to help scientists early in their careers develop as independent investigators, and to support investigators who are working in or entering fields in the basic medical sciences that are undervalued or in need of encouragement.

With its endowment of about \$600 million, BWF makes approximately \$35 million in grants annually in the United States and Canada. Most awards are made to degree-granting institutions on behalf of individual researchers, who must be nominated by their institution. BWF is governed by a Board of Directors composed of distinguished scientists and business leaders and is not affiliated with any corporation. Deadlines for the BWF competitive grants programs are listed below. Full descriptions and application information about these programs can be found on the BWF website at www.bwfund.org

If you have questions do not hesitate to contact ASP member Bernadette Marriott, Ph.D., BWF Vice President for Programs and Communications: bmarriott@bwfund.org

Program Application Deadlines - 2003 Award Series

Science Education*

Student Science Enrichment Program April 10, 2002

Interfaces in Science

Career Awards at the Scientific Interface May 1, 2002
 Institutional Awards at the Scientific Interface **

Translational Research

Clinical Scientist Awards in Translational Research September 1, 2002

Basic Biomedical Sciences

Career Awards in the Biomedical Sciences October 1, 2002

Infectious Diseases

Pathogenesis of Infectious Disease November 1, 2002

Science and Philanthropy

Received all year

* These grants are only available to institutions within North Carolina.

** These institutional awards are offered periodically, alternating with Career Awards at the Scientific Interface.

New Enrichment E-mail Lists Established

The Primate Enrichment Forum has been split into two new E-mail lists. The Laboratory Primate Enrichment Forum (L-PEF) will be open only to personnel of primate laboratories. Members will need to demonstrate that they work in a research facility or are affiliated with a relevant organization, such as AALAS.

The Zoological Environmental Enrichment List (ZEEL) will be open to all for discussion of enrichment for all exotic animal species. While the ZEEL is intended primarily for zoological parks and sanctuaries, anyone who is interested in animal enrichment will be invited to subscribe.

For information about these lists, which will be starting up soon, contact David Seelig, Volen Center for Complex Systems, Brandeis University, Waltham, MA 02454; E-mail: seelig@aya.yale.edu.

PrimateLit Update

URL: <http://primatelit.library.wisc.edu/>

PrimateLit is the key bibliographic database for searching the nonhuman primate research literature. Approximately 200,000 citations are indexed. Coverage is from 1940 to date.

The National Center for Research Resources supports open access to this database for everyone in the national and international scientific communities. **No fees or passwords are required.** We encourage everyone with an interest in primates to use this resource.

Key PrimateLit features:

- Supports full database or Current Primate References searches
- Allows subject, author and key word searches
- Can limit results by date, species and country
- Search results can be saved, e-mailed or printed
- Authors and keywords (in full record) are search links
- History function allows for combining search results
- Has Books Received module with P-S Book Reviews

Recent Updates:

- Links have been added from citations in PrimateLit to corresponding Abstracts in the National Library of Medicine's PUBMED database. Only citations added in the last few months have these links, but a project is underway to match all candidate records to their equivalent PUBMED abstracts: PUBMED links look like this:
PMID 1837747 [Links to NLM-PubMed Abstract]
- Locations of publications held in the Reprint File at the Wisconsin Primate Research Center have been added to the records. When a publication is held in the reprint file at the UW Primate Center, this field will appear in the full record display:
LOCATOR WI 20656

- Links to the full text of articles from Laboratory Primate Newsletter, approximately 1984 to date are being added.
- Links to full text of electronically available government-related publications, such as, the *IUCN Red Data Book* are also being linked to PrimateLit records.
- A MODIFY SEARCH button which allows you to return to your current search strategy is now functional.

Future enhancements:

- Ability to display up to 100 records at a time (pending)
- Fixed month options for searching Current Primate References (in development)
- Record display/save/print and e-mail output enhancements (in development)
- Access to the PrimateLit Thesaurus of index terms (in development)

Feedback welcome:

We would very much appreciate feedback from members of PrimateScience. While we may not be able to accommodate all user needs, comments and suggestions on how PrimateLit can be modified and improved are most welcome.

PrimateLit is supported by NCRR Grant RR15311, Coordinated Information Services to Support Primate Research. The database is indexed by the Primate Information Center at the Washington Primate Research Center in Seattle and managed by the Wisconsin Primate Research Center and the UW Libraries at the University of Wisconsin—Madison. - *Larry Jacobsen, Director, WPRC Library and Information Service, Wisconsin Primate Research Center, University of Wisconsin-Madison; E-mail: jacobsen@primate.wisc.edu.*

A Helpful Note from an ASP Member....

NIH Extramural Loan Repayment Program

The NIH has announced a new loan repayment program. This is a great opportunity for young members of the ASP who are interested in some type of clinically-related health research to receive support to pay off their educational loans. Young scientists who may be preparing their first NIH grant applications or who hold specific NIH grants will want to look at this new program very carefully. This was announced in the NIH Guide on January 8, 2002. "The purpose of the program is the recruitment and retention of highly qualified health professionals as clinical investigators. Through this notice, the NIH invites qualified health professionals who contractually agree to engage in clinical research as extramural grantees or awardees for at least two years, to apply for participation in the NIH Loan Repayment Program for Clinical Researchers." Those with MD, PhD and Pharm Ds among other degrees are eligible. "The program provides for the repayment of up to \$35,000 of the principal and interest of the educational loans" of participants. Full details are available at <http://www.lrp.nih.gov>. - (Submitted by Bernadette M. Marriott, Ph.D.)



Behavioral and Social Sciences Research Guide to Grants at the NIH

The NIH Office of Behavioral and Social Sciences Research (OBSSR) is launching a new e-mail service for announcing NIH funding opportunities in the behavioral and social sciences. On a monthly basis, OBSSR will distribute a listing of and hyperlinks to recent funding announcements (Program Announcements, Requests for Applications, Notices) published in the NIH Guide to Grants and Contracts.

A sample issue is posted at <http://obssr.od.nih.gov/publications/bssr-guide/sample.htm>

To receive these monthly announcements, please join the special listserv. It takes only one e-mail to take advantage of this service. (And we promise you won't be deluged with messages. Just one or two per month.) Send an e-mail message to: listserv@list.nih.gov

The message should read SUBscribe BSSR-Guide-L [your full name]. The message is case

sensitive; so capitalize as indicated! Don't include the brackets.

For example, for Robin Smith to subscribe, the message would read SUBscribe BSSR-Guide-L Robin Smith. The subject line should be blank.

You will receive back an acknowledgement of your subscription that will also provide instructions on how to unsubscribe from the list.

This announcement is also posted at <http://obssr.od.nih.gov/publications/bssr-guide/>.

For more information, please contact: Ronald P. Abeles, Ph.D., Special Assistant to the Director, Office of Behavioral and Social Sciences Research, National Institutes of Health, Gateway Building, Room 2C234, 7201 Wisconsin Avenue MSC 9205, Bethesda, MD 20892-9205 USA; Tel.: (301) 496-7859; Fax: (301) 435-8779; E-mail: abeles@nih.gov; HomePage: <http://obssr.od.nih.gov>.

Farewell Note from the Editor

This is my final issue as Editor of the *ASP Bulletin*. The next issue will be produced by the new Executive Secretary, to be chosen in this year's election (see page 7).

I have been honored to serve the Society for two terms as Executive Secretary and I have found the duty of editing the newsletter both challenging and rewarding.

No publication as complex as the *ASP Bulletin* can be put together without a great deal of help and cooperation from others. I want to thank my fellow Board members during the two terms. For the 1998-2000 term: **Nancy Caine** as President, **Melinda Novak** as Past President, and **John Capitanio** as President-Elect. Then for the 2000-2002 term, **John** took on the Presidency, **Nancy** moved to the Past President role, and **Jeff French** became President-Elect (to become President in June 2002). Through it all, the heroic **Steve Schapiro** held the reigns of the *ASP* treasury as our Treasurer. I thank all of these people for their help.

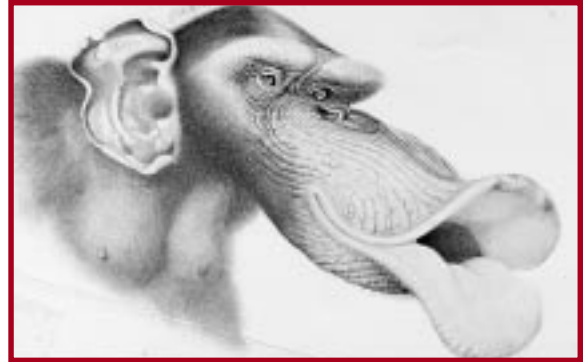
In addition, the *ASP* Standing Committee Chairs and Ad hoc Committee Chairs have played

a major role in contributing material to the *Bulletin*. In particular, I'm grateful to **Randy Kyes**, who has served as Conservation Committee Chair. Randy's followup with grant recipients has led to my ability to provide the "Conservation Conversation" section of the *Bulletin*, which helps illustrate how we spend the *ASP* Conservation Fund.

I am especially indebted to the fine folks at the Primate Info Net (and Primate-Science). I freely admit that I have gathered most of the jobs and meeting material from their expertly prepared lists. Thanks, in particular, **Larry Jacobsen**.

Once I have the newsletter prepared, I give the camera-ready disk to Transcript Press. Special thanks to **Gene, Beverly, and Bobby!**

From time to time, I've been able to coerce various of my friends, family, and co-workers to help with the mind-numbing task of apply-



ing mailing labels, stamps, and those strange little "tabs" that keep the *Bulletin* from flying all around in the mail. Thank you, gang!

Finally, I want to thank the *ASP* members who have sent the occasional e-mail with compliments or comments regarding the *ASP Bulletin*. It's good to know you appreciate the work involved (initially, I was just glad to learn that people actually read it!)

Kwa heri! - *Janette Wallis, Editor, ASP Bulletin.*

Now Available!

The American Society of Primatologists' Book Series Special Topics in Primatology: Volume 2 **The Care and Management of Captive Chimpanzees**

Volume Editor – Linda Brent

Contents

- Foreword - Frans deWaal
- A Brief History of Captive Chimpanzees in the United States – Linda Brent
- What Does a Chimpanzee Need? Using Natural Behavior to Guide the Care of Captive Populations – Jill Pruetz & William McGrew
- Chimpanzee Medicine and Care Program – D. Rick Lee & Faisal Guhad
- Reproductive Management and Captive Chimpanzees: Contraceptive Decisions – Tammie Bettinger & Karen DeMatteo
- Chimpanzee Facility Design – Jon Coe, Randy Fulk, & Linda Brent
- Social Management of Captive Chimpanzees – Mollie Bloomsmith & Kate Baker
- Behavior and Environmental Enrichment of Individually Housed Chimpanzees – Linda Brent
- The Use of Positive Reinforcement Techniques with Chimpanzees for Enhanced Care and Welfare – Gail Laule & Margaret Whittaker
- Captive Chimpanzee (*Pan troglodytes*) Social Group Formation – Jo Fritz & Susan Howell
- How Much Will it Cost to Keep Our Chimpanzees? – Bennett Dyke
- Laws, Policies, and Guidelines on the Care and Use of Captive Chimpanzees in the United States – Sarah Williams-Blangero & John VandeBerg

Published by the American Society of Primatologists
Series Editor - Janette Wallis



This book is for people at all levels - from chimpanzee keepers to veterinarians and research scientists, working in zoos, labs and sanctuaries. The chapters are well-referenced review articles of current information on a variety of topics relating to the appropriate care of captive chimpanzees.

Employment Opportunities in Primatology and Related Fields

Environmental Enrichment Program and Research Coordinator - Tulane Regional Primate Research Center.

This individual will oversee the environmental enrichment program, ensure compliance of facility's enrichment plan with regulatory agencies, and serve as a liaison to research and other departments. Responsibilities include maintaining appropriate documentation and monitoring of nonhuman primate behavior, collection of behavior data, planning and evaluation of enrichment strategies, and assistance with personnel training programs. (This individual will work with environmental enrichment, veterinary, animal care, and research staff to facilitate the implementation of behavioral management techniques.) The successful applicant will seek independent funding, conduct independent and collaborative research projects, prepare manuscripts for publication, and participate in national meetings. A Ph.D. in anthropology, psychology, zoology, or related field required. At least 3-5 years of directly-related experience, including supervisory experience. Demonstrated experience in implementing or planning environmental enrichment techniques for animals to improve their well-being. Familiarity with Animal Welfare legislation and policies. Excellent time management and organizational skills needed. Computer skills in word processing, data management and analysis, and development of training material. Excellent oral and written communication skills and ability to work independently required. Applicants should submit a CV and representative publications. In addition, candidates should have three letters of reference sent. Contact: Rudolf P. Bohm, Jr., DVM, Diplomate ACLAM, Head, Division of Veterinary Medicine, Tulane Regional Primate Research Center, 18703 Three Rivers Road, Covington, LA 70433 USA; Tel.: (985) 871-6266; Fax: (985) 871-6328.

Postdoctoral Associate for Mondika Research Center, Central African Republic and Republic of Congo.

Applications are requested for a Postdoctoral Associate for a long-term NSF-funded study of the behavioral ecology of western lowland gorillas at the Mondika Research Center. The position is for a minimum of one year, and is potentially renewable. This is a field-based position. The appropriate candidate will be based at the Mondika Research Center, located on the boundary of the Central African Republic (Dzanga-Ndoki National Park) and the Republic of Congo. The aim of the project is to test socio-ecological models of the evolution of social behavior by studying gorilla foraging strategy, social behavior and demography. The successful applicant will be expected to supervise currently on-going research as well as develop new research aims. Additionally, he/she will assist in the on-going training of Congolese scientists. Finally he/she will oversee management of the research camp. This includes managing personnel and

accurate reporting of accounting and research. Qualifications: 1. PhD in related field; 2. Fluency in French; 3. Previous field experience, preferably in Africa and focused on primates. Salary: Competitive. Position available on July 1, 2002. Application Deadline: May 15, 2002. Application (which may be sent electronically) should include an application letter, CV and names, addresses and phone numbers of 3 references. Contact: Diane Doran, Department of Anthropology, SUNY at Stony Brook, Stony Brook, NY 11794 USA; Tel.: (631) 632-9445; E-mail: ddoran@notes.cc.sunysb.edu.

Research Fellow, Chimpanzee Emotions.

Research funded by The Leverhulme Trust. Funding for up to 2.5 years at the Post-doctoral level, beginning in October 2002 (min £18,681 per annum). The aim of this new project is to develop a framework for the study of emotions in chimpanzees that parallels the framework developed by Ekman & Friesen for the study of emotions in humans. Specifically, we aim to develop a Chimpanzee Facial Action Coding System (FACS) and apply it to emotional expressions in chimpanzees. Funds are provided through a grant from The Leverhulme Trust, administered by Dr. Kim A. Bard in partnership with Dr. Marcia Smith Pasqualini (both at Portsmouth) and Dr. Lisa Parr (Yerkes Regional Primate Research Center at Emory University, USA). The Department of Psychology at the University of Portsmouth houses a new Centre for the Study of Emotions, facilities and expertise in FACS training, innovative researchers, and collaborations with international experts. Required: a PhD in a relevant field, which may be biological anthropology, animal behaviour, zoology, or psychology, and a strong commitment to the scientific study of emotional expression. Desired: FACS and/or videotape coding experience, previous publications and/or studies of emotions, communication, or primates, especially chimpanzees. Duties will include full time commitment to this project, learning FACS, developing and then applying Chimp FACS to chimpanzee emotional expressions, writing research publications, developing new research projects, and coordinating the organisation of an international workshop to highlight the accomplishments of this project in 2005. Please contact Dr. Bard (kim.bard@port.ac.uk) for further information, and application materials.

Post-doc: baboon social behavior and communication.

We are looking for a post-doctoral fellow who would participate in research on the social behavior and vocal communication of baboons at our field research site in the **Okavango Delta, Botswana**. Candidates must have extensive field experience and have completed their PhD by Fall 2002. They should be prepared to begin fieldwork for at least one year beginning in December 2002. Pending budgetary approval, this would be a

3-year position, with approximately half the time spent in the field and half spent in the Biology and Psychology departments at the University of Pennsylvania. For both scientific and practical reasons, we would be particularly interested in applicants who could work in the field as a team. For a description of some recent research projects, consult <http://www.bio.upenn.edu/faculty/chenev/> or <http://www.psych.upenn.edu/~seyfarth/>. Prospective applicants should send a CV, recent papers, and arrange for 2-3 letters of recommendation to be sent to: Dorothy Cheney, Department of Biology, University of Pennsylvania, Philadelphia, PA 19104-6018.

Postdoctoral Research Associate in Evolutionary Ecology. The Department of Biology at The University of Memphis

invites applications for an Evolutionary Ecologist who uses molecular techniques to address organismal-level questions in population, behavioral, or evolutionary ecology. Proficiency with molecular markers such as microsatellites, allozymes, and/or mtDNA is required. The successful candidate will be expected to teach one graduate-level course in molecular techniques during the fall semester and conduct research independently or in collaboration with resident faculty. Position begins 21 August 2002. This position will be re-advertised next fall as a full-time tenure-track position at the assistant professor level with a starting date of 21 August 2003. Applicants should submit a letter of application, curriculum vitae, a concise description of research, evidence of ability to teach a molecular techniques course, and names, phone numbers and email addresses of at least three references to: Dr. Jerry O. Wolff, Department of Biology, The University of Memphis, Memphis, TN 38152. Contact: Tel.: (901) 678-2758; Fax: (901) 678-4746; E-mail: jwolff@memphis.edu. or see our web page at <http://www.people.memphis.edu/~biology/>. Review of applications will begin March 20, 2002 and may continue until the position is filled. AA/EOE.

Publications and Media Relations Manager - Foundation for Biomedical Research.

Responsible for media relations projects, research and writing projects (print and online) and public outreach projects. Works closely with new media manager and VP public affairs to develop creative ideas, production budgets and schedules. Manages projects through production and post-production to deliver finished products. Qualifications: Excellent writing, time-management, and organizational skills. Salary/funding: Regular full-time salaried position. **Application Deadline: 5/1/02.** Contact: Michael Stebbins, Foundation for Biomedical Research, 818 Connecticut Avenue, NW #200 Washington, D.C. 20006; Tel.: (202) 457-0654; Fax: (202) 457-0659; E-mail address: info@fbresearch.org.

Employment Opportunities (cont.)

Research Supervisor, Laboratory - University of Maryland, Baltimore. This position is responsible for supervising the day-to-day operations of a research lab and providing administrative and technical support to research activities in the Obesity & Diabetes Research Center. Bachelor's degree in Biology, Chemistry and/or related field required. Masters in Biology or Physiology preferred. 3-5 years experience in laboratory research including 1 year of direct supervision or responsibility for training, work coordination, and monitoring the work of others. Contact: Jolene Lantz, University of Maryland, Baltimore, 737 W. Lombard St., Human Resource Services, Position Number: 2599/11433/JL/WEB, Baltimore, MD 21201; Tel.: (410) 706-7171; Fax: (410) 706-8178; E-mail: jlantz@hr.umaryland.edu.

Research Assistant - Department of Ecology & Evolutionary Biology, Princeton University. Requirements include: Bachelor's degree in relevant field, course work and research experience preferably in behavioral ecology and evolutionary biology, good organizational skills and familiarity with Windows-based computer programs. Experience in relational database management, organization, and programming is desirable. Responsibilities of the position include the maintenance of long-term data, a computer database, and the overall running of lab computers including software and hardware updates, as well as coordination of students in lab. Send resume to Department Manager, Ecology and Evolutionary Biology Dept., Princeton University, Princeton, NJ 08544. AA/EOE. Tina Mustra Department of Ecology and Evolutionary Biology Princeton University Princeton, NJ 08544; Tel.: (609) 258-6820; Fax: (609) 258-1682.

Office Administrator/Volunteer Coordinator - the Jane Goodall Institute, Silver Spring, MD. Seeking an Office Administrator to answer phones, coordinate volunteer program, recruit interns, respond to incoming information requests, distribute mail, and manage volunteer program. Requirements: "People person" with good sense of humor; B.A. preferred with solid administrative or office experience; the ability to handle multiple tasks at once, and a commitment to conservation and/or animal welfare. Position to be filled ASAP. Please send or fax cover letter and resume to: Jane Goodall Institute, Office Administrator Search, PO Box 14890, Silver Spring, MD 20911-4890; Fax: (301) 565-3188 or E-mail to jllittle@janegoodall.org. No calls please.

Education Projects Coordinator, Roots & Shoots Program, the Jane Goodall Institute. We are seeking a creative and organized person to assist in developing educational materials and implementing initiatives for the Roots & Shoots program, benefiting animals, the environment and the human community.

Responsibilities: researching and writing curriculum for print and web-based education projects; coordinating teacher workshops and other outreach efforts, and promoting educational projects to Roots & Shoots members. Bachelors, Masters preferred in education or related field; at least 3 years teaching experience in a classroom; experience in integrating technology into the classroom; commitment to the mission; willingness to travel. Contact: Susan Frey, Roots & Shoots, The Jane Goodall Institute, PO Box 14890, Silver Spring, MD 20911 USA; Tel.: (301) 565-0086; Fax: (301) 565-3188; E-mail: sfrey@janegoodall.org.

Teaching Assistant, Primate Behavior and Ecology Course - Ometepe, Nicaragua Biological Field Station, Summer 2002. Teaching assistant needed to help out with two back-to-back sessions of a course that covers the behavior and ecology of primates from an evolutionary perspective. Emphasis given to the two species present at Ometepe: white faced capuchin: *Cebus capucinus*, and mantled howling monkey (or howler), *Alouatta palliata*. BS or BA in Biological Anthropology, Zoology or Forestry Science (Ecology) is required. Experience working in (semi) tropical conditions/foreign country. Knowledge of Spanish is helpful. The following is required of all applicants (including La Suerte and Ometepe) alumni: A letter describing what you can contribute to the Ometepe field school experience. Your curriculum vitae & 3 letters of reference from employers and/or professors which can be mailed to me at the address below. A small stipend will be provided pending the final registration tally. Term of Appointment: Summer #1 May 25 to June 19, 2002, Summer #2 June 22 to July 17, 2002. Deadline: April 1, 2002. Please refer to the La Suerte & Ometepe website for more information regarding the courses offered <http://www.studyabroad.com/lasuerte/>. Contact: Rebeca Araya, New York University, Department of Anthropology, 25 Waverly Place, New York, NY 10003 USA; Fax: (212) 995-4014; E-mail: rqa1225@nyu.edu.

Research Associate - University of Louisiana at Lafayette New Iberia Research Center. The selected Candidate will be responsible for coordinating activities and procedures for the Division of Behavioral Sciences. Duties will include participation in the design and implementation of environmental enrichment strategies; supervision of behavioral technicians; participation in the formation of pair- and social groups; monitoring stability of social groups; participation in training of staff in enrichment and positive reinforcement techniques; collection of behavioral and physiological data. Bachelor of science degree in biology, biological anthropology, animal science or related. One year experience in an animal research facility is preferred. Basic computer and communication skills are required. Salary commen-

surate with experience. Contact: M. Babette Fontenot DVM, PhD UL-Lafayette-New Iberia Research Center, 4401 W. Admiral Doyle Drive, New Iberia, LA 70560; Tel.: (337) 482-0450; E-mail: mbb4143@louisiana.edu.

Environmental Enrichment Associate - Shin Nippon Biomedical Laboratory USA, Ltd. Will implement environmental enrichment plan for various animal species including non-human primates. Maintaining Good Laboratory Practices (GLP), will prepare and distribute enrichment items, document compliance, assist with data management and record-keeping, perform behavioral observations and assessments and train animals for procedures. Please submit a cover letter and resume describing why you are interested in this opportunity, to: hr@snblusa.com OR (425) 407-8601 (fax). EOE. Qualifications: Prefer a BA/BS degree in a related field with at least 1-2 years experience working with animals. Experience working with primates is a plus. Salary: Estimated range: \$11-13/hour. Contact: Mark Honda, Tel.: (425) 407-0121, ext 2148; Fax: 425.407.8601; E-mail: mhonda@snblusa.com.

Research Assistant, Laboratory - University of Maryland, Baltimore. The department of Physiology has an exciting opportunity available for a research assistant with an emphasis on *in vivo* research. The positions are responsible for performing advanced laboratory research activities, compiles and may analyze research data, assists with literature research, scientific illustrations and computer graphics for publication. Provides guidance, training and basic oversight to laboratory personnel and students. Ability to use routine research equipment, diagnose equipment malfunctions and repair options. Ability to participate in the design of research studies and preparation of technical procedures and reports. Qualifications: Bachelor's degree in Biology, Chemistry and/or related field and one year of experience in laboratory. Education in animal science strongly preferred. Equivalent combination of education and experience may be considered. Position open until filled. Contact: Jolene Lantz, University of Maryland, Baltimore 737 W. Lombard St., Human Resource Services, Position Number: 2598/11432/JL/ Web, Baltimore, MD 21201; Tel.: (410) 706-7171; Fax: (410) 706-8178; E-mail: jlantz@hr.umaryland.edu.

Research Assistant - University of Maryland, Baltimore. The department of Physiology has an exciting opportunity for a research assistant with an emphasis on studying molecular genetic factors involved with the development of diabetes, obesity and the aging process. Duties include performing advanced molecular and genetic procedures involving DNA, RNA, and protein isolation, PCR, RT-PCR, cloning, and sequencing. Additional duties may

Employment Opportunities (cont.)

include analysis of gene expression using Northern blotting, western blotting, RT-PCR, RNase protection assays, and microarray procedures. Other duties may include studying gene expression in cell culture using the above procedures or using transfection procedures to assay for reporter genes. The suitable candidate should be able to participate in the design of research studies, analyze research data using appropriate computer software applications, internet bioinformatic resources, and contribute to the preparation of technical procedures and reports. Bachelor's degree in physiology, biology, biochemistry or other related field with a minimum of one year of laboratory experience is preferred. Experience with several of the molecular techniques described above is a plus for consideration. Experience with col-

lecting and/or processing samples from human or nonhuman primates is desired but not required. Familiarity with Microsoft Office software is important. The ideal candidate should be able to work independently and as part of a team. Salary commensurate with education and experience. Position open until filled. Contact: Jolene Lantz, University of Maryland, Baltimore, 737 W. Lombard St., Human Resource Services, Position Number:2658/11432/JL/HPI, Baltimore, MD 21201; Tel.: (410) 706-7171; Fax: 410-706-8178; E-mail: jlantz@hr.umaryland.edu.

Environmental Enrichment Specialist, University of Louisiana at Lafayette. Responsibilities include: participation in the design and implementation of environmental en-

richment strategies; participation in the formation of pair- and social groups; participation in training of staff in enrichment and positive reinforcement techniques; collection of behavioral and non-invasive physiological data. Reports to the Head of the Division of Behavioral Sciences. Bachelor degree in biology, biological anthropology, animal science or related field. One year experience in an animal research facility is preferred. Salary commensurate with experience. Comments: UL Lafayette/NIRC is an affirmative Action/Equal Opportunity Employer. Contact: M Babette Fontenot, DVM, PhD, UL Lafayette-NIRC, 4401 W. Admiral Doyle Drive, New Iberia, LA 70560, USA; Tel.: (337) 482-0450; E-mail address: mbb4143@louisiana.edu.

Volunteer Opportunities

Educational Resources Volunteer - Gunung Palung Orangutan Conservation Program (GPOCP), Harvard University Gunung Palung is a spectacular national park and home to one of Indonesia's few remaining healthy, wild orangutan populations. GPOCPs efforts include a community outreach and education program, capacity building with the National Park office, and conservation training and education of local NGOs, student groups, teachers and a community organizer. The person hired for this position will work closely with our Indonesian staff to improve our current environmental education and awareness materials and develop new ones for the programs various audiences and activities. Experience in environmental education material development and living in developing countries. Preferably some experience in Indonesia and basic spoken Indonesian. Fluent English. Creativity; Dedication; Ability to get along with a variety of people; Hardworking; Computer literacy **Salary/funding: none.** Lodging at the field office is optional. Term of Appointment: 6-month minimum. **Deadline: April 15, 2001.** Depending on the person's ability to communicate in Indonesian they will be involved in lectures, school visits, and trips to the national park. E-mail resume and cover letter to Betsy Hill - betsyhill_yaap@yahoo.com. Contact: Betsy Hill, Gunung Palung Orangutan Conservation Program, Kotak Pos 144 Ketapang, West Kalimantan Indonesia 78801.

Volunteer Field Assistant - Orangutan Health Project. This position is based in Bukit Lawang, Sumatra, Indonesia. I am looking for an assistant to help me look after the new volunteer program. You will spend time on a PC, liaising with volunteers and organisations, as well as entering data. You will also be supervising and looking after the volunteers, as well

as spending periods of time in the jungle. Educated to University standard. Ability to bring a laptop preferential, but not essential. Excellent organisational and management skills. Adaptability to all kinds of situation. Individual must be a team player, but also able to work alone and without supervision. Detailed job description can be provided upon application. **No salary provided.** Meals and accommodation provided. Travel not provided. Position is for up to six months. Deadline: ASAP. Please apply by E-mail only. Contact: Dr. Ivona Foitova, Samalova90 61500 Brno, Czech Republic; Tel.: +420 557 5297; Fax: same; E-mail: chrisb@indo.net.id.

Behavioral Research Internship, Primate Foundation of Arizona. The Behavioral Research Internship provides college students in the behavioral and biological sciences the opportunity for behavioral research experience. It includes three basic components: 1) an introduction to chimpanzee behavior and behavioral observation data collection; 2) chimpanzee psychological wellness program and environmental enrichment training; and 3) research support tasks such as data entry. The introduction to chimpanzee behavioral observation is the primary component of the internship and includes data collection on an assigned project, entering the data into a spreadsheet program, conducting preliminary analysis and completion of a background literature review. Results of the intern project are presented at the end of the internship to the full staff to provide presentation experience. Students are welcome to incorporate their internship into their college curriculum for research credit, independent study, or similar course work. However, PFA remains the supervisor for all internship-related activities. Internship project topics focus on environmental enrichment but

other projects may be considered as requested by academic advisors or to meet academic requirements. Students should have completed at least two years of a four-year program (Junior level standing) in the behavioral or biological sciences. Both undergraduate and graduate students are encouraged to apply. Previous course work and/or experience in primatology/animal behavior is required for all students. **The internship is on a volunteer basis and provides no stipend.** We make every effort to assist in locating low-cost housing for Research Interns. Term of appointment: 10 weeks in duration (June 15 to August 31, 2001). Application Deadline: April 15, 2002. Contact: Sue Howell, Ph.D., Primate Foundation of Arizona, P.O. Box 20027, Mesa, AZ, USA, 85277-0027; Tel.: (480) 832-3780; Fax: (480) 830-7039; E-mail: suehpf@qwest.net.

Volunteer Manager - Chimpanzee Conservation Center. The manager is in charge of supervising the local workers to insure the chimpanzees well being. The volunteer is part of every part of the project, which includes taking care of the quarantine babies, doing the weekly shopping, participating in veterinary procedures, taking the chimps in the bush for their walks as well as doing accounting and administrative activities. The Chimpanzee Conservation center is home of 31 orphan chimpanzees aged 7 months to 18 years old. The CCC is aiming at a release of most of them in the wild. Until then, the animals are being prepared to be less humanised and more "wild". Traveling experiences required. French speaking abilities a bonus as well as primates experiences. **No salaries.** Lodging and meals provided. Term of appointment: 6 months minimum. Deadline: none. On-going application. Contact: Estelle Raballand, CCC Director; E-mail: esthel@yahoo.com.

Conference and Workshop Announcements

Applied Primatology, April 10, 2002, Farnsworth Hall, SUNY Delhi Campus, NY. This is an introduction to the biology and husbandry of nonhuman primates used in biomedical research. It includes hands-on experience in catching and restraining primates, administering drugs and compounds, collecting samples plus a description of different housing regimes, anesthesia, TB testing and physiological data collection i.e. ECG, blood pressure and pulse oximetry. Registrants must provide evidence of a current (within one year) negative TB test (P.P.D.). Contact: Jackie Howard, E-mail: howardja@delhi.edu; Tel: (607) 746-4305; Website: <http://www.delhi.edu/>.

Primate Society of Great Britain, Spring Meeting, 2002, **15-16 April, 2002,** Main Lecture Theatre, Oxford Brookes University. A scientific meeting of proffered papers, a themed session and poster presentations in association with the MSc in Primate Conservation, School of Social Sciences and Law Registration. Requests for additional details, including an information pack, and abstract submissions (approx. 200 words) to: Professor Simon Bearder, Dept of Anthropology, Oxford Brookes University, Gypsy Lane, Oxford. OX3 0BP; Tel: 01865 483760; E-mail: skbearder@brookes.ac.uk or Dr Paul Honess, WildCRU, Dept of Zoology, University of Oxford, South Parks Road, Oxford OX1 3PS; Tel.: 01865 272545 (c/o Vet Services); E-mail: paul.honess@vet.ox.ac.uk.

International Perspectives: The Future of Nonhuman Primate Resources Workshop. ILAR is hosting this workshop, **April 17-19, 2002,** at the National Academy of Sciences in Washington, DC. A PDF of the brochure is on the ILAR website under "ILAR Calendar," at www.national-academies.org/ilar. The brochure has registration information, registration form and tentative program. Institute for Laboratory Animal Research Marsha Barrett, Project Assistant, (202) 334-2591; (202) 334-1687; Fax: National Academy of Sciences, 2101 Constitution Avenue, NW, NAS 347, Washington, DC 20418; E-mail: mbarrett@nas.edu; URL: nationalacademies.org/ilar.

Southwestern Comparative Psychology Association, 18-20 April, 2002, Corpus Christi, TX. The annual Southwestern Comparative Psychology Association (SCPA) convention will be held in conjunction with the Southwestern Psychological Association (SWPA) meeting. All "dues-current" SWPA members will be automatically pre-registered for the 2002 meeting. To apply for membership (either as a full member or student member), visit <http://swpsych.org/swpaprg/swpa2001pdfs/SWPAapp.pdf>.

Scientists Center for Animal Welfare (SCAW) Annual Spring Meeting, May 16-17, 2002. Baltimore, MD. Focus: research animal welfare and IACUC issues. Some of the subjects to be discussed will be: Principles of Enrichment, Assessment for Enrichment: What Works Where?, Species Specific Enrichment Methods, Animal Training as Enrichment, Emerging Issues in Enrichment. For more information regarding program and registration information for current conference, please visit the SCAW Website at www.scaw.com; E-mail: info@scaw.com; Tel: (301) 345-3500.

Applied Primatology, 30 May, 2002, Farnsworth Hall, SUNY Delhi Campus, NY. This is an introduction to the biology and husbandry of nonhuman primates used in biomedical research. It includes hands-on experience in catching and restraining primates, administering drugs and compounds, collecting samples plus a description of different housing regimes, anesthesia, TB testing and physiological data collection i.e. ECG, blood pressure and pulse oximetry. Registrants must provide evidence of a current (within one year) negative TB test (P.P.D.). Contact: Jackie Howard, E-mail: howardja@delhi.edu; Tel: (607) 746-4305; Website: <http://www.delhi.edu/>.

15th National Congress of the Italian Primatological Association, May 30 - June 1, 2002, Rome. Organizer: Associazione Primatologica Italiana. Host: Istituto di Psicologia del CNR. Contact: Dott. Annarita Wirz; C.N.R., Istituto di Psicologia del CNR; Via Ulisse Aldovandi 16/B, 00197 - Roma; Tel.: 06-3221252 - 3221437; Fax: 06-3217090; E-mail: api2002congresso@yahoo.it Web site: <http://www.unipv.it/webbio/api/cong15/15con.htm>.

Veterinary Dentistry, 31 May, 2002, 112 Farnsworth Hall, SUNY Delhi Campus, NY. Sponsor: SUNY Delhi, College of Technology at Delhi, New York. Focus: "Brush up" on your skills, or learn the basics of Dental Prophylaxis and Periodontal Therapy. Ultrasonic and Rotosonic techniques for cats, dogs and primates will be used. Registration Deadline: May 17, 2002. Contact: Jackie Howard, E-mail: howardja@delhi.edu, Tel: (607) 746-4305; Website: <http://www.delhi.edu/>.

Advanced Dentistry Techniques, 1 June, 2002, 112 Farnsworth Hall, SUNY Delhi Campus, NY. Sponsor: SUNY Delhi, College of Technology at Delhi, New York. Focus: A one day course for Laboratory Animal Veterinarians and Technicians to enhance basic knowledge and add to a set of skills by performing hands-on work with dogs, cats and monkeys. Topics include radiographic positioning and

techniques, periodontics and surgical extraction. Also included will be dental grinding as an alternative to endodontics and extraction for disarming the canines of NHP's. Registration Deadline: May 17, 2002. Contact: Jackie Howard; E-mail: howardja@delhi.edu; Tel: (607) 746-4305; Website: <http://www.delhi.edu/>.

Joint BOS-CBSG Workshop on Orangutan Reintroduction Practices, June 2002, Nyaru Menteng and Palangkaraya, Central Kalimantan, Indonesia. We are pleased to announce that the CBSG of the SSC/IUCN will again collaborate with the Balikpapan Orangutan Survival Foundation in conducting this orangutan workshop. This follow-up meeting will focus on practical issues of orangutan reintroduction and especially people actively involved in operational issues related to orangutan reintroduction are hoped to participate. Contact: Jeane Mandala, Email: boswan@indo.net.id.

American Society of Primatologists 25th Annual Conference, 1-4 June, 2002, Oklahoma City, OK, Cox Convention Center (name change, not venue change). Registration packet in PDF format is available at the ASP website. Contact: Janette Wallis, Ph.D., Department of Psychiatry & Behavioral Sciences, University of Oklahoma Health Sciences Center, P.O. Box 26901, Oklahoma City, OK, 73190; Tel.: (405) 627-8820; Fax: (405) 271-3808; E-mail: janette-wallis@ouhsc.edu; Website: <http://www.asp.org/asp2002/>. (See additional information elsewhere in this *ASP Bulletin*.)

Healthy Ecosystems, Healthy People. Linkages Between Biodiversity, Ecosystem Health and Human Health, 6-11 June, 2002, Washington, D.C. Healthy Ecosystems, Healthy People will examine the linkages between biodiversity, ecosystem health, and human health, and will focus on exploring and understanding these critical linkages, as part of a necessary condition for achieving global sustainability. Participants will include a diverse international audience, whose common interests are to improve and sustain the human and ecological health of the global ecosystem. For more information, please visit conference website at: www.ecosystemhealth.com/hehp.

Applied Primatology, 8 June, 2002, Farnsworth Hall, SUNY Delhi Campus, NY. This is an introduction to the biology and husbandry of nonhuman primates used in biomedical research. It includes hands-on experience in catching and restraining primates, administering drugs and compounds, collecting samples plus a description of different housing regimes, anesthesia, TB testing and physiological data collection i.e. ECG, blood pressure and pulse

Conferences and Workshops (continued)

oximetry. Registrants must provide evidence of a current (within one year) negative TB test (P.P.D.). Contact: Jackie Howard, E-mail: howardja@delhi.edu; Tel: (607) 746-4305; Website: <http://www.delhi.edu/>.

Laboratory Animal Technologist Review, 9-14 June, 2002, Farnsworth Hall, SUNY Delhi Campus, NY. The 21st annual offering of this formal lecture and demonstration course is designed to aid the qualified candidate in preparing for the national AALAS Certification Examination for Laboratory Animal Technologists. The goal of the course is to embellish the course outline for the technologist certification level and to concentrate on those areas where the candidate feels an academic weakness. The candidate must submit his/her application to AALAS according to protocol. Deadline: May 17, 2002. Contact: Jackie Howard, E-mail: howardja@delhi.edu; Tel: (607) 746-4305; Website: <http://www.delhi.edu/>.

3rd International Canopy Conference, June 2002, Cairns, Australia. The conference theme is "Science, Policy and Utilisation" and is intended to bring together scientists, environmental managers and policy makers concerned with the discovery and sustainable use of forests around the world. Contact: Eileen Domagala, E-mail: Eileen.Domagala@premiers.qld.gov.au for further information or look on the website: <http://www.premiers.qld.gov.au/whatsnew.htm>.

Genome Sequence Analysis: Theory and Practice, 12-19 June, 2002, The Jackson Laboratory - Supported by a grant from The National Institutes of Health. This course will focus primarily on the process of analyzing genomic sequences to identify biologically significant features using computational and comparative approaches. The course is designed for advanced graduate students, postdocs, and established investigators. Registration Fee: \$1500 includes lodging, food, and course materials. Contact: Karen Grant, The Jackson Laboratory, 600 Main Street, Bar Harbor, Maine, 04609; Tel: (207) 288-6263; Fax: (207) 288-6080; E-mail: kgk@jax.org; Website: <http://www.jax.org/courses>.

The **Animal Behavior Society's** 39th annual meeting will be held **13-17 July 2002** at Indiana University, in Bloomington, Indiana. We have an exciting schedule planned including a keynote address by Felicity Huntingford, a special talk by E.O. Wilson, winner of the ABS Distinguished Animal Behaviorist Award, and ABS Fellows lectures by Michael Beecher and Kay Holekamp. Planned symposia include 'Animal behavior and multilevel selection', 'New perspectives on mechanisms of evolu-

tion in communication systems', 'Applied animal behavior and the integration of behavioral knowledge' and 'The ultimate (and proximate) infant: What we know, what we do not'. For further information see <http://www.animalbehavior.org/ABS/Program>, or contact the local hosts Emília Martins (emartins@bio.indiana.edu) and Meredith West (mewest@indiana.edu).

American Veterinary Society of Animal Behavior, July 15, 2002 - Nashville, Tennessee. The 2002 meeting of the American Veterinary Society of Animal Behavior will be held in conjunction with the annual meeting of the American Veterinary Medical Association. The meeting format will include 20-minute paper presentations, question and answer sessions, and an early evening poster session and reception. Copies of the abstracts accepted for presentation will be provided to meeting attendees and included in a subsequent AVSAB newsletter. Send submissions to: Dr. Margaret Duxbury, 1299 South Shore Drive Amery, WI 54001; Tel.: (715) 268-9900; Fax: (715) 268-2691; E-mail: mduxbury1@yahoo.com.

First European Conference on Behavioral Biology, 31 July-4 August, 2002, Muenster, Germany. The European Societies for Behavioural Biology agreed to begin a new tradition of biannual joint meetings. The broad theme is: "Conflict & Resolution", at all levels, from genes to individuals and species, using causal as well as functional, applied as well as fundamental approaches. **April 30, 2002** is the end of standard registration (End of standard abstract submission). Contact: Dr. Norbert Sachser, Institut fuer Neuro- und Verhaltensbiologie, Abteilung für Verhaltensbiologie, Westfälische Wilhelms-Universität Münster, Badestraße 9, D-48149 Münster. Tel.: 0251-83 23884; Fax: 0251-83 23896; E-mail: sachser@uni-muenster.de; Website: <http://www.behaviour2002.de/index.html>.

Ecological Society of America, 87th Annual Meeting – Joint with the Ecological Society of Mexico, 4-8 August, 2002, Arizona. Contact: ESA, 1707 H St., NW, Suite 400, Washington, DC 20006, USA; Tel: (202) 833-8773; Fax: (202) 833-8775; E-mail: esahq@eas.org.

The XIXth Congress of the International Primatological Society, 4-9 August 2002, Beijing, China. This congress is organized by the Mammalogical Society of China and the Institute of Zoology, Chinese Academy of Sciences, and sponsored by the Chinese Academy of Sciences and the National Natural Science Foundation of China. The main theme

of the event will be "Caring for Primates: Progress in, and prospects for, Primatology and the conservation of non-human primates in the 21st Century." The congress topics include Systematics and Evolution, Ecology and Behavior, Functional Anatomy, Genetics, Learning and Cognition, Neuroethology and Neurobiology, Nutrition and Energetics, Reproduction, Development, Medicine, and Captive Care, and Conservation. Delegates are encouraged to fill out the Registration Form and send it out no later than the 31st May, 2002 to: Ms. Cuiling LAN, Secretariat of IPS-19, Center for International Scientific Exchanges, Chinese Academy of Sciences, 52 Sanlihe Rd., Beijing 100864, China; Tel.: 86 10 68597751; Fax: 86 10 68597748; E-mail: cllan@cashq.ac.cn. Payment of the registration fee covers: 1) Attendance at the Congress; 2) Final Program and Abstract Book; 3) Welcome Reception; 4) Coffee Breaks; 5) Banquet after the closing ceremony. Participants and their companions will be accommodated at the Beijing Continental Grand Hotel (4-star), Beijing Hongxiang Hotel (3-star) and Beijing Labour Hotel (2-Star). For more detailed information, please visit our website. Special Pre- and Post-Congress tours will be arranged by the Organizing Committee. **Deadline for abstracts: APRIL 20, 2002**; Deadline for registration: May 31, 2002; Deadline for reservation of hotels and tours: July 1, 2002. For further assistance, please contact Prof. Fuwen WEI, Secretary General, 19th Congress of the International Primatological Society, c/o Institute of Zoology, Chinese Academy of Sciences, 19 Zhongguancun Lu, Haidian, Beijing 100080, China. Tel: ++(86-10) 6258 1474; Fax: ++(86-10) 8262 7388; E-mail address: IPS_Beijing@panda.ioz.ac.cn; *Home Page*: <http://www.ips.ioz.ac.cn>.

Fourth World Congress on Alternatives and Animal Use in Life Sciences, 11-15 August, 2002, New Orleans, LA. Some of the sessions scheduled deal with such issues as: Trends in Animal Use in Research, Testing, & Education; Ethical Challenges in Animal Research; Genomics, Proteomics, Metabonomics as Alternatives; The Development of a Virtual Human; Reducing Animal Distress and Promoting Good Science; Use of Alternatives and Animals in Education; Contact Sensitivity Testing. Registration Deadline: July 1, 2002. Contact: The Alternatives Congress Trust, 700 Professional Drive, Gaithersburg, MD 20879; Tel: (301) 548-7771; Fax: (301) 548-7726; E-mail: fourthworldcongress@starpower.net; Website: <http://www.worldcongress.net>.

The International Society for Anthrozoology, 20-21 August, 2002, University College, London. The conference

Conferences and Workshops (continued)

theme will be "Animal Arenas: Spaces, Performances and Exhibitions". Details can be found below and at the ISAZ website <http://www.vetmed.ucdavis.edu/CCAB/isaz2002.html>. The aim of this conference is to look beyond the utilitarian relationships that humans maintain with animals and to explore other social and cultural practices in which humans engage, or have, historically, engaged with animals. The conference will also host a 'free topic' poster session. Please send abstracts to both convenors: Garry Marvin School of Sociology and Social Policy University of Surrey Roehampton 80 Roehampton Lane London SW15 5SL UK g.marvin@roehampton.ac.uk, Erica Fudge, School of Humanities and Cultural Studies, Middlesex University, White Hart Lane, London N17 8HR UK; E-mail: e.fudge@mdx.ac.uk.

The 11th Biennial Meeting of the International Society for Comparative Psychology, 24-25 August, 2002, Chicago, Illinois. Some of the sessions will be held jointly with Division 6 of the APA. We will be staying and meeting at the Hotel Intercontinental (\$129/night). It would also be prudent to make your reservations with the hotel at this time to guarantee you will receive this excellent rate. You can contact the hotel at (312) 944-4100 (Fax: (312) 944-1320); E-mail chicago@interconti.com. Be sure you mention that you are with the ISCP. Gary Greenberg, Ph. D, President, International Society for Comparative Psychology, Department of Psychology, Wichita State University, 1845 Fairmount, Wichita, Kansas 67260 USA; Tel. (316) 978-3823; Fax. (316) 978-3086; E-mail: gary.greenberg@wichita.edu.

Xth Congresso Brasileiro de Primatologica, 26-30 August 2002. Universidade Federal do Pará, Belem. Hosted by the Sociedade Brasileira de Primatologia (SBPr). For more information, contact: Stephen Ferrari, Departamento de Genética, Universidade Federal do Pará, Campus do Guamá, Caixa Postal 8607, 66075-150 Belém, Pará, Brazil.

Measuring Behavior 2002, 4th International Conference on Methods and Techniques in Behavioral Research, **27-30 August 2002**, Amsterdam, The Netherlands. Details on presentation formats, deadlines, fees, Amsterdam, practical information, etc., can be found on the extensive conference web site: <http://www.noldus.com/events/mb2002/index.html>. Conference Secretariat, P.O. Box 268, 6700 AG Wageningen, The Netherlands; Tel.: +31-317-497677; Fax: +31-317-424496; E-mail: mb2002@noldus.nl; Web: <http://www.noldus.com/events/mb2002>.

Workshop on Sexual Segregation, 16-18 September 2002, at the University of Cambridge, Zoology Department, United Kingdom. Different researchers have proposed different hypotheses on why males and females of many animal species segregate into same-sex groups. Little is known about the mechanisms and function of sexual segregation in most species, because sexual segregation, although widespread, is still little researched in most taxa where it occurs, except for ungulates. This workshop aims to further our understanding of the evolution of sexual segregation in a wide range of taxa, and to encourage the discussion and future research in this area. Abstracts and registration are due **May**

5, 2002. Please send abstracts by email only to: kruckstuhl@hotmail.com. Participation is limited, so early registration is recommended. Registration costs will be 50£ (GBP) for regular participants and 40£ for students. More details will follow the registration.

4th International Symposium on Physiology and Behavior of Zoo Animals, 29th September and 2nd October 2002, Berlin. Our aim is to bring together scientists from various disciplines working with free-ranging and captive animals to encourage an exchange of ideas. More information about the symposium can be obtained from our new IZW homepage: www.IZW-Berlin.de.

Annual Meetings of the IUCN/SSC Conservation Breeding Specialists Group (CBSG), August 10-13, 2002 - Hofburg Palace, Redoutensale, Vienna. Host: Schoenbrunn Zoo. Contact: Austropa Intercovenion, Conference Office, Friedrichstrasse 7, A-1010 Vienna, Austria. Fax: +43.1.315.56.50; E-mail: austra.congress@verkehrsbuero.at.

The World Zoo Organization, August 13-17, 2002 - Hofburg Palace, Redoutensale, Vienna. Host: Schoenbrunn Zoo. Contact: Austropa Intercovenion, Conference Office, Friedrichstrasse 7, A-1010 Vienna, Austria. Fax: +43.1.315.56.50; E-mail address: austra.congress@verkehrsbuero.at.

The International Association of Zoo Educators, August 17-22, 2002 - Hofburg Palace, Redoutensale, Vienna. Host: Schoenbrunn Zoo. Contact: Austropa Intercovenion, Conference Office, Friedrichstrasse 7, A-1010 Vienna, Austria; Fax: +43.1.315.56.50; E-mail: austra.congress@verkehrsbuero.at.

Late Bulletin??

Although scheduled as the "March" issue, this *ASP Bulletin* is being published in April. The delay was intentional as there were a number of news items requiring extra time to assemble (e.g., the conference program, elections information, and recent bushmeat report). Also, as this is the last issue before the next ASP conference, I wanted the opportunity to make any "late-breaking news" available to attendees.

Moreover, because the ASP meeting is in early June this year, the "June" issue will likely be delayed as well - and will be prepared by the soon to be elected Executive Secretary. If you have something you would like to contribute to the next issue of the *ASP Bulletin*, please contact Jeff French - who will be President of ASP as of June (jfrench@unomaha.edu).

Educational Opportunities

Animal Behavior in Costa Rica. The Washburn University of Topeka Psychology Department will be offering students the opportunity to travel to Costa Rica with Dr. Joanne Altman as part of the short-term summer course, "PY295: Animal Behavior in Costa Rica" - 3 credit hours. Observe the behavior of birds, monkeys, sloths, otters, river turtles, and crocodiles in their native environments. Experience rain forest, cloud forest, coastal, and mountain habitats. Accommodations will be comfortable. The course will be 8 days (June 2-9) with the possibility of an additional 2-day beach extension trip (returning June 11). Students need the prerequisite of an introductory psychology course or consent of the instructor. Costs include: air transportation between Kansas City, MO and Costa Rica, ground transportation in Costa Rica, lodging and the majority of meals in Costa Rica, and Park fees. Application **Deadline: March 30, 2002.** Contact: Dr. Joanne D. Altman, Washburn University Department of Psychology, Topeka, KS 66621 USA; Tel.: (785) 231 1010, ext. 1564; E-mail: zzaltm@washburn.edu

Primate Behavior and Ecology Program, Panama. The Primate Foundation of Panama is offering a 3-week and a 4-week Primate Behavior and Ecology Program this summer at the Primate Refuge and Sanctuary of Panama (PRSP). The 3-week program runs from June 24 - July 15, and the 4-week program from July 22 - August 19. Students will conduct directed research projects on the endangered Panamanian tamarin (*Saguinus geoffroyi*) and live at the Primate Refuge and Sanctuary of Panama (PRSP). The PRSP is located in 42 emerald islands in Lake Gatun, near the main path of the Panama Canal. Detailed information about the program is available at: <http://www.primatesofpanama.org/program.htm>.

Primate Behavior and Ecology Field Course, El Zota Biological Field Station. This is a field course in primate behavior and ecology taught at a new field site in northeastern Costa Rica. The El Zota Biological Field Station is home to howler monkeys, capuchins, and spider monkeys, as well as endangered fauna such as jaguars and tapir. Students attend nightly lectures, learn various methods of field techniques used for the study of primate behavior and ecology, and conduct their own research project on one of the three primate species at El Zota. This course is included in the curriculum at Iowa State University and is listed as Anthropology 445/545. Students receive 4 credits for the course, but arrangements can be made to receive 6 credits with the addition of 2 credits of independent study. This would entail the inclusion of additional library research and writing as well as other require-

ments. Students are not required to enroll at Iowa State University in order to take the course. El Zota is sponsored by the non-profit organization DANTA: Association for Conservation of the Tropics, which organizes and accounts for course fees students pay to the station. Students should have had a college-level course in basic Biology, Ecology, or Anthropology. Students require a health check-up and medical insurance before they are accepted into the course. Course cost is approximately \$1350. A limited number of internships are available, but students are required to be enrolled at an El Zota course in order to be eligible. Course will be taught from July 15 through August 11, 2002. **Application Deadline: April 2002.** Other courses, such as Tropical Herpetology are also taught at El Zota. Students are also given the option of traveling to other areas of Costa Rica during a short mid-course trip. Contact: Jill D. Pruetz, Ph.D., Department of Anthropology, Iowa State University, Ames, IA 50011 USA; Tel.: (515) 294-5150; E-mail: pruetz@iastate.edu.

Primate Behavior and Ecology, Ometepe, Nicaragua. This intensive course covers the behavior and ecology of Old and New World primates from an evolutionary perspective. Emphasis will be given to the species present at Ometepe: white faced capuchin (*Cebus capucinus*), mantled howling monkey (*Alouatta palliata*), and *Ateles geoffroyi*. The material and topics covered in this course are equivalent to an upper division university course in primate behavior and ecology. Course Objectives: 1. To understand the social and physical diversity within the order Primates; 2. To understand the "rules" of social behavior and the ecological influences on behavior; 3. To understand the interplay of natural selection, environment, and behavioral adaptation in nonhuman primates; and 4. To understand the experimental methods used in primatological research and the issues involved in primate conservation. A background in biology or physical anthropology is helpful but not required. It is far more important to have a serious interest in learning about primates and a desire to do field work in a tropical rainforest. Cost: \$1,500.00 USD. Summer, 2002 Fee includes: room and board (3 meals per day), instruction, scheduled transportation from near the airport from near Managua's airport to Ometepe round trip, and registration fee (\$100.00). All students will be required to arrive in Costa Rica or Nicaragua before one day before class. Terms: Summer #1 May 25 to June 19, 2002; Summer #2 June 22 to July 17, 2002. For more information, please visit <http://www.studyabroad.com> or you can contact the instructor Rebeca Araya directly at rqa1225@nyu.edu. Contact: Ms. Renee Molina, La Suerte Biological Field Sta-

tion and Ometepe Biological Field Station, P.O. Box 55-7519, Miami, FL 33255-7519 USA; Tel.: (305) 666-9932 (9am - 5pm EST); Fax: (305) 666-7581; E-mail: lasuerte@safari.net.

New MSc in Animal Behaviour - The University of Exeter, School of Psychology is now available. The programme is designed to provide students with a strong background in a broad cross section of theory and research methods used in the study of animal behaviour, animal cognition and behavioural ecology. The programme will give students the opportunity to advance and expand their knowledge in the field of animal behaviour and to gain expertise in the research and statistical methods generally used in Psychology. Students will have the opportunity to learn how to formulate and test relevant research questions, as well as learning to critically evaluate the research carried out by others in the field. The programme will enable students to get an insight into the varied means of doing animal behaviour research in a wide array of locations - zoo, laboratory and in the wild. The teaching and learning methods are a mix of lectures, seminars, practicals and field courses. Overall there will be a strong practical and demonstration element to the programme utilising innovative teaching practices. The School of Psychology at Exeter has a long tradition of interdisciplinary teaching and research in animal behaviour, and offers PhD degrees in animal behaviour in addition to this new MSc. The full-time MSc is a 12 month course starting in October. The programme is also offered for part-time study over 2 years. For more information visit our web site for prospective postgraduate students: <http://www.ex.ac.uk/Psychology/pg/prospective.htm> or contact the Course Director: Dr. Lisa Leaver, l.a.leaver@ex.ac.uk or the Graduate Secretary, psy-pgsec@ex.ac.uk. Prospective M.Phil/Ph.D. students should contact the Director of Postgraduate Studies, Dr. Don Mitchell d.c.mitchell@ex.ac.uk. Lisa Leaver School of Psychology University of Exeter Exeter EX4 4QG UK.

Now available:
Volume 2 in ASP's Book Series:
Special Topics in Primatology
"The Care and Management of
Captive Chimpanzees"
edited by Linda Brent

See ad on page 16 - and visit the
ASP web site to order.
(www.asp.org)



Janette Wallis, Ph.D. - Executive Secretary

AMERICAN SOCIETY OF PRIMATOLOGISTS

Department of Psychiatry & Behavioral Sciences

University of Oklahoma Health Sciences Center

P.O.Box 26901

Oklahoma City, OK 73104-5020

(Please do not send Change of Address to this address.
Send to Steve Schapiro, Ph.D., UTMDACC, Dept. Vet. Res.,
Rte. 2, Box 151-B1, Bastrop, TX 78602)