

LABORATORY PRIMATE NEWSLETTER

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POLICY STATEMENT  
(Revised March 1962)

The primary purpose of the Newsletter is to provide information on maintenance and procurement of non-human primates for laboratory studies. A secondary purpose is dissemination of general information about the world of primate research. Examples of the kind of practical information that would be useful are as follows: new drugs, novel aspects of cage design, new products, evaluations of various products, references to or short summaries of articles, off-beat or other, of general interest, experiences in connection with the procurement of monkeys. The Newsletter will also publish offers to exchange monkeys (for example, older monkeys for young or infant monkeys) and requests for monkeys with special characteristics (for example, good breeders or pregnant females). If someone has a special problem, he might want to request help through the Newsletter.

As a rule, only research articles or summaries which have some practical implications or which provide general information likely to be of interest to investigators in a variety of areas of primate research will be accepted for inclusion in the Newsletter. Descriptions of current research projects will also be welcomed. It should be kept in mind that the Newsletter is not a formal publication and that it is not likely to be obtainable in libraries. Therefore, citation of Newsletter notes or articles in publications is not recommended.

Information for the Newsletter will be welcome from anyone in any research area who is using monkeys. The Newsletter will probably appear bimonthly and will continue so long as people are interested enough to contribute items of information. The mailing list is open to anyone expressing an interest. There is no subscription charge.

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## RECENT ARTICLES AND BOOKS ON PRIMATE DISEASES AND CARE

### Disease symptoms and treatment

Management of Tuberculosis in Monkeys. White, Jr., L. E. et al. (University of Washington, Seattle, Washington, U.S.A.) Vet. Med., 1961, 56, 247-249.

Virus B Infection of Monkeys. Keetle, S. A. Vet. Rec., 1961, 73, 618-621.

An Outbreak of Infectious Hepatitis Among Chimpanzee Handlers at a United States Air Force Base. Hillis, W. D. (Technical Report, Feb., 1961, School of Aviation Medicine, USAF Aerospace Medical Center (ATC), Brooks Air Force Base, Texas, U.S.A.)

Paratuberculosis (Johne's Disease) in the Monkey (*Macaca mulatta*). Pitcock, J. A., & Gisler, D. B. (Technical Report, July, 1961, School of Aviation Medicine, USAF Aerospace Medical Center (ATC), Brooks Air Force Base, Texas, U.S. A.)

### General

Handling and Treatment of Monkeys. Heuschele, W. P., and Gandal, C. P. (San Diego Zoological Society, San Diego, California, and New York Zoological Society, New York, New York) J. Amer. Vet. Med. Assoc., 1961, 138, 608-610.

Restraint and Treatment of Young Chimpanzees. Britz, W. E. et al. (Holloman Air Force Base, New Mexico, U.S.A.) J. Amer. Vet. Med. Assoc., 1961, 138, 653-658.

### ARTICLES ON DEVELOPMENT

Correlation of Skeletal Growth and Epiphyseal Ossification with Age of Monkeys. Gisler, D. B. et al. (Technical Report, Nov., 1960, School of Aviation Medicine, USAF Aerospace Medical Center (ATC), Brooks Air Force Base, Texas, U.S.A.)

Basic Data on Emergence of Permanent Teeth in the Rhesus Monkey (*Macaca mulatta*). Hurme, V. O., & Van Wagenen, G. (Harvard School of Public Health, Boston, Mass., and School of Medicine, Yale University, New Haven, Conn.) Proc. Amer. Philosoph. Soc., 1961, 105, 105-140.

## ARTICLES OF GENERAL INTEREST

A Population Survey of Rhesus Monkeys in Northern India: II. Transportation Routes and Forest Areas. Southwick, C. H., Beg, M. A., & Siddiqi, M. R. (Dept. Zoology, Ohio University, Athens, Ohio, and Dept. of Zoology, Aligarh Muslim University, Aligarh, India) Ecology, 1961, 42, 538-547.

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## LABORATORY ANIMAL CARE AND FACILITIES STANDARDS SOUGHT

A committee to "determine and establish professional standards for laboratory animal care and facilities" has been formed by the Animal Care Panel, a national group dedicated to improvement in the care and management of laboratory animals. The work of the committee will be carried on under a contract from the Division of Research Grants of the National Institutes of Health, U. S. Department of Health, Education and Welfare.

Principal investigator for the project is Dr. Bennett J. Cohen, Assistant Professor of Physiology and Director of the Vivarium, University of California at Los Angeles School of Medicine. Among those serving will be Dr. Bernard F. Trum, Director of the Animal Research Center at the Harvard Medical School, and Dr. Thomas Clarkson, Associate Professor of Experimental Medicine and Director of the Vivarium, Bowman Gray School of Medicine.

Commenting on the founding of the special investigating group, Dr. Bernard F. Trum said:

"It has been the concern of the scientific community that the care and management of laboratory animals be under the direction of professionally qualified personnel, that the proper housing be provided and that the animal care personnel be adequately trained. Within the past few years many new facilities have been constructed and many existing facilities are either being expanded or remodeled. Professional standards for the construction and maintenance of animal facilities and for laboratory animal care have not as yet been developed and published. Information is needed. There is also a need to discuss and evaluate existing knowledge."

Dr. Trum outlined the four major objectives of the committee study as:

- 1) The development of a tentative set of standards to cover the minimum requirements necessary for good animal care.

The standards will define the degree and qualifications of supervising, building and maintaining animal facilities.

- 2) The appointment of a Certification Board who will arbitrate on a voluntary basis the applications of the standards to facilities.
- 3) Trial certification visits to test realistic value of standards and committee's arbitration.
- 4) Voluntary acceptance of the standards and promulgation among interested institutions.

Cooperating with the Animal Care Panel in the program will be the American Veterinary Medical Association, the American Dental Association, the American Medical Association, the National Society for Medical Research, the American Heart Association, the Association of American Medical Colleges, the Federation of American Societies for Experimental Biology, and the Institute of Laboratory Animal Research.

From a news release of February 16,  
1962, by the Director of Medical  
Information, Harvard University

CONFERENCE ANNOUNCEMENT

The Relatives of Man  
Modern Studies of the Relation of the Evolution  
of Non-human Primates to Human Evolution

Friday, April 27, 1962

Saturday, April 28, 1962

THE NEW YORK ACADEMY OF SCIENCES

DIVISION OF ANTHROPOLOGY

Ethel Boissevain, Chairman

Robert Heckel, Vice-Chairman

2 East Sixty-third Street

New York 21, New York

Conference Chairman

John Buettner-Janusch  
Yale University  
New Haven, Connecticut

STATEMENT OF PURPOSE

A proper understanding of human evolution is based on the details of evolutionary trends in the entire order Primates. The order is widespread and consists of a large number of different forms. It has never been treated in a comprehensive, inclusive fashion by the scholars working on it. In the past few years studies of Primate behavior, genetics, immunology, neurology and ecology have increased.

The purpose of this conference is to bring together a number of people who have recently examined the Primates in many of these research areas. Preliminary discussion among many of the workers in these fields indicates that these multiple lines of endeavor are beginning to converge on many of the same essential evolutionary problems. The fact that a rather heterogeneous group of studies all bear on the same problems make such a conference a splendid occasion for some "cross-fertilization". The fact that various researchers are beginning to converge will make clear to anthropologists and all others interested in the Primates that

multiple lines of evidence now support certain general ideas about the trend of evolution in this order. The evolutionary implication of cytogenetics and the biochemical studies of Primates are beginning to fit in with and amplify behavioral and ecological studies. These behavioral studies in turn, are supported and amplified by neurological research on the brains of Primates.

The conference, then, would provide a meeting for researchers who are presently working on the strata upon which human behavior and human evolution were built. Its role would be to stimulate further consideration of behavioral research in the light of evolutionary biology. Conversely, the evolutionary sociology of the Primate behaviorists might well lead to widened perspectives for biologists.

#### PROGRAM

Friday, April 27, 1962

Session Chairman: Harry L. Shapiro  
American Museum of Natural History  
New York, New York

9:00 A.M.

Greetings from the Academy - Ethel Boissevain, Chairman, Division of Anthropology, The New York Academy of Sciences, New York, N. Y.; City University, Hunter College, New York, N. Y.

"Some Exciting Discoveries in Lemur Skin" - William Montagna, Brown University, Providence, Rhode Island.

"Structural and Functional Correlates of 'Encephalization' in the Primate Brain" - Charles R. Noback and Norman Moskowitz, Columbia University, New York.

"Some Fossil Evidence Relating to the Evolution of Primate Behavior" - Elwyn Simons, Yale University, New Haven, Connecticut.

"Immunochemistry of the Primates and Primate Evolution" - Morris Goodman, Wayne State University, Detroit, Michigan.

"Biochemical Genetics of the Primates" - John Buettner-Janusch, Yale University, New Haven, Connecticut.

"Cytogenetics of the Primates and Primate Evolution" - Ernest H. Y. Chu, Oak Ridge National Laboratory, Oak Ridge, Tennessee.



Discussants:

George Gaylord Simpson, Harvard University, Cambridge, Mass.

Curtis Williams, Rockefeller Institute, New York.

Theodosius Dobzhansky, Columbia University, New York.

12:30 P.M.

Luncheon - Academy Building, 2 East 63rd Street, New York, N. Y.

Session Chairman: F. Bourliere  
Faculte de Medecin  
University of Paris

2:00 P.M.

"Manipulative Behavior of the Primates and its Evolutionary Implications"  
- Alison Bishop, Yale University, New Haven, Conn.

"Ecological and Behavioral Studies of Lemurs in the Field" - Jean-  
Jacques Petter, Museum National D'Histoire Naturelle, Paris, France.

"Behavior of the Rhesus Macaque in the Field" - Charles Southwick, The  
Johns Hopkins University, Baltimore, Maryland.

"Analysis of Macaque Behavior" - Stuart Altmann, University of Alberta,  
Edmonton.

"Gorillas in the Field" - George Schaller, University of Wisconsin,  
Madison, Wisconsin.

Discussants:

Harry L. Shapiro, American Museum of Natural History, New York.

Theodosius Dobzhansky, Columbia University, New York.

Clarence R. Carpenter, Pennsylvania State University, University Station,  
Pennsylvania.

5:30 P.M. - Cocktail Hour - Academy Building.

6:30 P.M. - Dinner - Academy Building.

8:00 P.M. - Special Lecture - "The Importance for Science of the Con-  
servation of Primates" - F. Bourliere, Faculte de Medecin,  
University of Paris.

Saturday, April 28, 1962

Session Chairman: Theodosius Dobzhansky  
Columbia University  
New York, New York

9:00 A.M.

"Some Observations on Behavior of Cercopithecus Monkeys" - Cynthia Booth,  
Tigoni Primate Centre, Limuru, Kenya.

"Baboons" - Irven DeVore, University of California, Berkeley, California.

"Vocal Behavior Among the Primates and Primate Evolution" - Richard  
Andrew, Yale University, New Haven, Connecticut.

"Behavior of Chimpanzees in the Field" - Jane Goodall, Cambridge Univer-  
sity, Cambridge, England.

"Primate Taxonomy and Recent Studies of Primate Biology and Sociology" -  
G. G. Simpson, Harvard University, Cambridge, Mass.

Discussants:

F. Bourliere, Sorbonne, Paris, France.

C. R. Carpenter, Pennsylvania State University, University Station, Penn.

H. L. Shapiro, The American Museum of Natural History, New York.

Session Chairman: John Buettner-Janusch  
Yale University  
New Haven, Connecticut

2:00 P.M.

Session Devoted to Pictures and Films of Primates.

Slides of Various Primate Species - John Buettner-Janusch, Yale Univer-  
sity, New Haven, Connecticut.

Primate Films: Lemurs - Jean-Jacques Petter, Museum National D'Histoire  
Naturelle, Paris, France.

Rhesus Macaques - Charles Southwick, The Johns Hopkins  
University, Baltimore, Maryland.

Gorillas - George Schaller, University of Wisconsin,  
Madison, Wisconsin.

Discussion Invited.

## NEWSPAPER CLIPPINGS

### MONKEYS RETALIATE

Pilibhit, November 25. - Hundreds of monkeys made common cause to track down the "murderer" of a young member of their family here yesterday.

Since early morning they have besieged the houses of the bungalow of Mr. J. S. Mathur, Superintendent of Police.

His dog killed a young monkey which had strayed into the compound. In response to "urgent summons" from the mother, a large number of monkeys collected around the body.

The dog is safely kept away from their sight.

Indian Express, New Delhi, 26 November 1960

### PIA DOING 'MONKEY BUSINESS' SERIOUSLY

Pakistan International Airlines have now, it seems, decided to go into the monkey business with real earnestness, and yesterday they even went so far as to convert one of their regular Super-Constellation aircraft into a "freighter" to carry a fresh load of 250 monkeys to Karachi.

And well they might, for, according to a senior PIA official "it pays more to carry a monkey than a human being". The official probably did not mean only the immediate costs of freight but also had in mind the long-term benefit in terms of foreign exchange when he made this remark, but anyhow the cargo charges for livestock are Rs.3 per lb.

Present at Tejgaon airport to bid the monkeys 'bon voyage' were, among others, a group of local Pressmen, who were quite intrigued to see the large aircraft full of cages instead of the usual assortment of passengers. The aircraft smelt powerfully of disinfectants and the monkeys sat huddled in their cages, quiet and obviously non-plussed in their new surroundings.

Their only consolation: Two pretty airhostesses accompanying the "cargo" to Karachi.

Morning News, Dacca, 10 December 1960

### MONKEYS EARN DOLLARS

Calcutta, December 31: - India exported 68,516 monkeys in the six months ended September 1960, according to official sources. The value amounted to Rs.35 Lakhs.

The United States was the major importer accounting for 42,291 monkeys valued at nearly Rs.22 Lakhs.

Evening News (H.T.), New Delhi, 31 December 1960

#### INDIA'S MONKEYS TO BE SURVEYED

Kyoto (Japan), February 3: - Four Japanese Anthropoid experts will undertake a joint survey of Indian Monkeys with Indian scientists from Mysore University, says AFP.

Led by Prof. D. Miyadi of Kyoto University, the Japanese are planning to set up their base camp at Hubli in northern Mysore and to study the monkey population of southern Deccan Plateau. The survey, which will continue for a year and a half, is financed by the Rockefeller Foundation.

Statesman, Delhi, 4 February 1961

#### PET MONKEYS TRAIN TO RETURN TO BUSH

Bulawayo, Southern Rhodesia (UPI): - The Bulawayo Society for the Prevention of Cruelty to Animals has set up a "rehabilitation" center for domesticated monkeys who have forgotten what it is to be wild.

The society started the course to re-educate the too-educated monkeys in the ways of the bush when it found it had forty-two monkeys which formerly had been pets in Bulawayo homes.

The monkeys had got the sack as household pets because of such offences as biting children, tearing furnishings or old-age petulance.

But when the society decided to turn them loose it found they had no idea how to fend for themselves in the bush.

So the society set up the "decivilizing" course for the educated monkeys in Bulawayo's Matopos National Park.

There game rangers spent months patiently turning them back into wild animals. The rangers reported that when first released the monkeys enjoyed swinging through the trees, but at mealtimes they all gathered in one spot patiently waiting for a handout.

They were terrified of other wildlife in the park and had no idea of how to feed themselves.

But as the rangers showed them the way back to the wild ways, they disappeared one by one into the bush.

Today all forty-two of the original group have been rehabilitated.

The New York Times, 1961

CHIMP TO MISS OWN ART SHOW HERE

Cincinnati, Ohio, October 18 (UPI): - Beauty, a 3-year-old chimpanzee at the Cincinnati Zoo, will not be able to attend her own art exhibition in New York next week for the benefit of the Cincinnati Zoological Society.

Like other chimps, Beauty is susceptible to pneumonia, and zoo officials will not allow her to leave her warm home here and make the trip to New York for next Wednesday's "champagne review" of her finger-painting work.

Beauty began finger-painting over a year ago, and those who are up on chimpanzee art realized it was time for her to try for the big time.

A private show will be held without Beauty next Wednesday for her abstract gouache works. The show, which will be opened to the public next day, will be at the Bianchini Gallery on East Seventy-eighth Street through November 4.

The announcement of the show indicated that chimpanzee art, which has gained in popularity in recent years, is now considered an important source of information on the origins of human art.

Beauty's first paintings were wild abstracts, the zoo reported. But in recent months she has begun to select her colors with greater care and has focused on a circular motion.

The New York Times, 19 October 1961

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