

Vol. 17, No. 1
February, 1972

NEWSLETTER

ANIMAL BEHAVIOR SOCIETY

SECTION (DIVISION) ANIMAL BEHAVIOR AND SOCIOBIOLOGY

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Department of Biology
California Western College
U.S. International University
San Diego, California 92106

Ecological Society of America
American Society of Zoologists

DIRECTION OF CORRESPONDENCE: Please direct correspondence other than changes of address to the new secretary, Nancy M. Jessop (address above). DIRECT CHANGES OF ADDRESS TO ABS TREASURER PAUL B. SIEGEL, DEPARTMENT OF POULTRY SCIENCE, VIRGINIA POLYTECHNIC INSTITUTE, BLACKSBURG, VA, 24061. Queries regarding membership may be directed to the Chairman of the Membership Committee, John Fentress, Department of Biology, University of Oregon, Eugene, OR 97401.

1972 ABS MEETINGS: The Society will meet at the University of Nevada, Reno, on June 13-16, 1972. A preliminary summary of the program, being organized by R.A. and B.T. Gardner, appears below. A TRANSMITTAL FORM and a PREREGISTRATION AND HOUSING FORM will be found elsewhere in this newsletter. The deadline for their return to the addresses indicated is APRIL 1. Your suggestions are solicited for films to be shown at an evening session on "Film Classics in Animal Behavior".

ANIMAL BEHAVIOR SOCIETY MEETINGS
University of Nevada, Reno, Nevada
June 13-16, 1972

Keynote Speaker (June 14, evening)
R.J. Andrew, Professor of Animal Behaviour
University of Sussex

Controversial Subject Symposium
Animal Communication and Human Language: A Discontinuity in Approach
or in Evolution? (arranged by R. A. and B. T. Gardner)

Contributed Paper Sessions (June 13-16)
Abstract of papers will be distributed at the meetings.

Special Interest Discussions (June 13-16, 3p.m. - 5p.m.)
Anyone can post a topic; others interested in discussing this topic may sign up. Hopefully, topics for discussion sessions will result from papers given earlier in the day.

Films
Classics (June 13, evening)
Current (June 15, evening)

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ELECTION RESULTS: Second President-Elect
Secretary
Member-at-Large

Ernst S. Reese
Nancy M. Jessop
Steven T. Emlen

NEW COMMITTEE CHAIRMEN: Education
Membership

Edward O. Price
John Fentress

PROPOSED DUES INCREASE: After examining the financial needs of the Society in the light of increasing costs, the Executive Committee has recommended that the dues of regular members be increased to \$15.00 effective as of January 1, 1973, leaving dues of student members unaffected. Regular members please register consent or dissent to the proposed dues increase by marking the ballot enclosed with this newsletter and returning it to the secretary in an envelope bearing the member's name; the ballot itself need not be signed.

SOUTHEASTERN REGIONAL MEETING: The Southeastern Regional Meeting of the ABS will be held at Virginia Polytechnic Institute and State University, Blacksburg, VA, on May 19, 20, and 21. Dr. Daniel Lehrman of Rutgers University will be the guest speaker. For registration information write to Dr. Albert M. Prestrude, Department of Psychology, VPI & SU, Blacksburg, Virginia, 24061.

1971 MIDWESTERN REGIONAL MEETING: The 1971 Midwestern Regional Meeting of the ABS was held on November 5-6 at Bowling Green State University. This meeting, an experiment in informal scientific communication, was designed to allow both graduate students and mature scientists to participate. The beginning session each day brought the whole group together. The first of these featured an address on "Symbiotic Behavior Between Humans and Porpoises" by Dr. Rene-Guy Busnel of the Acoustic Physiology Laboratory, Jouy-en-Josas, France. The second day began with a panel discussion on "The Future of Animal Behavior", led by Dr. John A. King. Other important features of the program were round table discussions on animal communication, behavioral development, human behavioral evolution, chemical control of behavior, orientation, habitat selection, and the behavior of horses, primates and fishes. (The smaller round tables were most successful, and in the future larger round tables might well be improved by being subdivided.) Large amounts of time were also allowed for informal consultation at coffee breaks, exhibits, and demonstrations, and an evening motion picture session. A total of 126 participants were registered, which appeared close to the maximum desirable size; if necessary future meetings may be sub divided to keep the numbers close to this optimum level.

1972 MIDWESTERN REGIONAL MEETING: The 1972 Midwestern Regional Meeting will be held at Indiana State University at Terre Haute, with Dr. Sam Schnitzer serving as chairman of the organizing committee.

ANIMAL BEHAVIOR SOCIETY AWARD: An annual award has been established for the most outstanding paper submitted by an undergraduate or graduate student, or based upon a degree dissertation (if submitted within 6 months after the degree is awarded). Those wishing to be considered for this award should submit FIVE COPIES of the paper by MAY 1, 1972, to the Chairman of the Selection Committee (John F. Eisenberg, Scientific Research Division, National Zoological Park - Smithsonian Institution, Washington, DC 20009). Each year the 1st President-Elect shall serve as chairman of this committee and shall appoint the judges. The paper should not exceed 20 double-spaced typed pages. The winner will be notified by mail in advance of the meeting at which the paper is to be presented and the Award granted.

BEHAVIOUR: Vols. 29-36 in good condition are offered for \$40.00 by Howard Schein, Vivarium Bldg., Department of Zoology, University of Illinois, Champaign, IL, 61820.

ANNUAL BUSINESS MEETING: The Society's annual business meeting was called to order at 5:15 by President A.W. Stokes on December 29, 1971 at Philadelphia, Pennsylvania. Thirty-six persons were present. The minutes of the last official business meeting, held in Chicago, Illinois, on December 28, 1970, were approved as published.

- Election results: President Stokes announced the election of new officers,
 2nd President-elect Ernst S. Reese
 Secretary Nancy M. Jessop
 Member-at-Large Steven T. Emlen

2. Motion, Banks: That the Society pass a resolution of thanks to Benjamin Dane for his years of service as ABS Secretary. Passed with applause.

3. Treasurer's Report, Siegel: Society membership now stands at 1040 regular members and fellows and 363 student members, together with 574 others affiliated through ASZ or ESA. A deficit budget for 1972 was presented and discussed:

RECEIPTS	1972	1971
Member dues, 1,100 @ \$10.00	\$ 11,000	\$ 11,000
Student dues, 400 @ \$8.00.....	3,200	3,200
Subscriptions, 600 @ \$7.50.....	4,500	4,500
Income interest.....	1,000	0
Miscellaneous.....	700	600
	<u>\$ 20,400</u>	<u>\$ 19,300</u>

DISBURSEMENTS	1972	1971
Animal Behaviour, 2,100 @ \$6.00 (previously @ \$4.00).....	12,600	8,400
AIBS membership and delegate.....	800	800
Newsletter, 4 issues x 1,500 @ \$0.25.....	1,500	1,500
Membership lists and Treasurer, 2,100 @ \$0.80.....	1,680	1,680
Editor, 2,100 @ \$2.00.....	4,200	4,200
Office expenses, printing, postage, miscellaneous.....	800	800
Program chairman.....	150	200
Secretary.....	100	100
President.....	100	0
1972 meetings.....	2,500	1,000
Education committee.....	150	150
Contingency.....	0	470
	<u>\$ 24,580</u>	<u>\$ 19,300</u>

DISBURSEMENT IN EXCESS OF RECEIPTS.....\$ 4,180

Motion, Siegel: That the Executive Committee's recommendation that annual dues for regular members be increased from \$10.00 to \$15.00 effective January 1, 1973, be submitted to the membership at large by ballot to be distributed with the Newsletter. Passed.

4. Editor's Report, Banks for Hirsch: Of the 165 manuscripts received during 1971 63 were accepted, 52 rejected, and the balance is with reviewers. A 6-15 month publication lag has developed, recently aggravated by strikes in Britain. Colin Beer has reported that at the present rate of publication of the monographs (3/yr) a 2 year lag is anticipated; it may be possible to increase the rate of publication to 4/yr. In 1971 7 monographs were accepted, 7 rejected, 3 under revision and 3 under consideration. Publishing the journal in the United States appears to be contraindicated on the basis of cost projections furnished by the University of Chicago Press, which very much exceed present costs.

5. Program Officer's Report, Terman:

(a) ABS met independently in Logan, Utah, June, 1971. The meetings, attended by about 150 registrants, were considered highly successful.

(b) At the present meetings ABS has sponsored 94 contributed papers, 28 papers in the symposium on "Invertebrate Behavior", and 21 in the symposium on "Prenatal Ontogeny of Behavior and the Nervous System".

(c) ABS will meet independently in June, 1972, at the University of Nevada (see announcements elsewhere in this Newsletter).

(d) ABS will meet with AAAS in Washington, DC, in December, 1972, but it is possible that contributed papers will not be accepted because of the new AAAS policy reducing its support of contributed paper sessions. Potential symposium sponsors should contact Dr. Terman as soon as possible.

(e) The Society will meet with AIBS at Amherst, June 17-22, 1973, sponsoring both contributed papers and symposia.

6. Discussion of future meeting plans: The Policy Committee has recommended that ABS meet twice annually: once independently and once in company with a larger society (AIBS or AAAS). Dr. Scott suggested that one meeting be held with another society with common interests, such as ASZ or Primatologists. President Stokes requests the membership to write to the Secretary stating preferences regarding times and natures of meetings beyond June, 1973.

7. Animal Behavior Society Award: The President announced that the Executive Committee has acted favorably upon the Policy Committee's recommendation that an award of \$100.00 be established to recognize the most outstanding paper submitted by a graduate student for presentation at the annual ABS independent meeting (see announcement in this Newsletter).

8. Report of Education Committee, Jessop: Dr. Gerald Scherba of California State College at San Bernardino has been cooperating with the chairman as the major organizer of a techniques laboratory-workshop sponsored by the ABS Education Committee for the annual convention of the National Association of Biology Teachers (NABT), to be held in San Francisco and Berkeley, October, 1972. Those interested in participating as demonstrators should contact Dr. Scherba promptly for details.

Fifty draft copies of the new bibliography of books and monographs (1966-1971) were distributed for review at the Logan meetings; this bibliography should be ready for publication this spring. A questionnaire regarding readings recommended for undergraduate courses in animal behavior was circulated with the November newsletter. Members are kindly requested to return these as soon as possible so that the results can be tallied and reported in the May newsletter.

9. Report of Films Committee, Gould: A program of behavioral films was presented at the AAAS meeting. A list of recommended films has been compiled and will be published in the newsletter. Helmut K. Buechner has joined the Films Committee.

10. Report of Public Policies Committee, Scott: A letter was written to W.D. McElroy, Director of NSF, in response to his plea for evidence that research in animal behavior has some direct benefit to human society; work on attachment and separation was cited as especially relevant to problems of adoption and depression.

Dr. Martin W. Schein has proposed that the ABS act to initiate a White House Conference on the application of Behavioral Biology to human social problems, implementing the proposal through an ad hoc committee and other appropriate means.

Motion, Scott: That the ABS officers and Executive Committee be empowered to pursue the Schein proposal and to determine its feasibility by way of an ad hoc committee or other means, and to attempt to implement the proposal if feasible. Passed.

11. Other Business: Incoming president Ed Banks called for volunteers for new chairmen for the Membership and Education committees.

1972 ROSTER OF ABS OFFICERS AND COMMITTEE CHAIRMEN:

- PRESIDENT: Edwin M. Banks, Dept. Zoology, U. Illinois, Urbana IL 61801
(217) 333-4884
- PAST PRESIDENT: Allen W. Stokes, Dept. Wildlife Resources, Utah State U., Logan UT
84321 (801) 752-4100 (ext. 7932)
- 1st PRESIDENT ELECT: John F. Eisenberg, Scientific Research Div., Nat. Zool. Park-
Smithsonian Inst., Washington DC 20009 (202) 265-1868 (ext. 249 or 281)
- 2nd PRESIDENT-ELECT: Ernst S. Reese, Dept. Zoology, U. Hawaii, & Hawaii Inst. of
Marine Biology, Honolulu, HI 96822 (808) 944-8677 or 247-6631
- SECRETARY: Nancy M. Jessop, Dept. Biology, Calif. Western College, USIU,
San Diego CA 92106 (714) 224-3211 (753-2971)
- TREASURER: Paul B. Siegel, Dept. Poultry Science, Virginia Polytechnic Institute,
Blacksburg VA 24061 (703) 552-3825 (or 552-6296 or 552-6284)
- PROGRAM OFFICER: C. Richard Terman, Lab. Endocrinol. & Popul. Ecol., Biology Dept.,
College of William & Mary, Williamsburg VA 23185 (703) 229-3000(ex.283)
- MEMBERS-AT-LARGE: Rudolph Miller, Dept. Zoology, Oklahoma State U., Stillwater
OK 74074 (1972, c/o U. Hawaii IMB)
- MEMBER-AT-LARGE: Irwin S. Bernstein, Dept. Psychology, U. Georgia, Athens GA 30601
(404) 963-6281 (542-3922)
- MEMBER-AT-LARGE: Steven T. Emlen, 145 Langmuir Lab., Div. Biol. Sci., Cornell U.,
Ithaca NY 14850 (607) 256-4751
- EDITOR OF ANIMAL BEHAVIOUR: Jerry Hirsch, Psychology Dept., U. Illinois, Champaign
IL 61820 (217) 333-0373
- ABS HISTORIAN: A.M. Guhl, Div. Biology, Kansas State U., Manhattan KS 66502
(913) 532-6622 (home 539-4400)
- REPRESENTATIVE TO AAAS AND AIBS: James Mulligan, Woodrow Wilson Ctr, Smithsonian
Trust Bldg., Washington DC 20560 (202) 381-6350
- CHAIRMAN, EDUCATION COMMITTEE: Edward O. Price, Dept. Forest Zoology, State Univ.
Coll. Forestry, Syracuse NY 13210 (315) 476-3151 (ex.279)
- CHAIRMAN, MEMBERSHIP COMMITTEE: John Fentress, Dept. Biology, U. Oregon, Eugene OR
97401
- CHAIRMAN, POLICY COMMITTEE: Ernst S. Reese
(address above)
- CHAIRMAN, ORGANIZATION AND BY-LAWS COMMITTEE: Steve Rebach, Dept. Biology, St. Mary's
College of Maryland, St. Mary's City MD 20686 (301) 994-1600 (ex.294)
- CHAIRMAN, NOMINATING COMMITTEE: Allen W. Stokes
(address above)
- CHAIRMAN, FILMS COMMITTEE: Edwin Gould, Sch. of Hygiene & Pub. Health, 615 N. Wolfe
St., Baltimore MD 21205 (301) 955-3291
- CHAIRMAN, PUBLIC POLICY COMMITTEE: John Paul Scott, Director, C.R.S.B., Bowling
Green State U., Bowling Green OH 43403 (419) 372-2497

CATALOGS AND SOURCE BOOKS OF FILMS IN BEHAVIORAL SCIENCES: (Compiled by E. Gould.)

- Schneider, Addis & Addis 1970. Films in the Behavioral Sciences: Annotated
Catalog. Behavioral Sciences Media Laboratory, Department of Psychiatry
and Behavioral Sciences, University of Oklahoma Medical Center, Oklahoma
City, Oklahoma 73104 \$4.00 paperbound.
- International Film Bureau, Inc. 332 S. Michigan Avenue, Chicago, IL 60604.
- New York University Film Library Catalogue, 26 Washington Place, N.Y. NY 10003
- University of California, Extension Media Center, Lifelong Learning Catalogue,
Berkeley, CA 94720.
- The Pennsylvania State University, Audio-Visual Services, Psychological
Cinema Register, Films in the Behavioral Sciences Catalogue, University
Park, Pa. 16802.

RECOMMENDED FILMS IN ANIMAL BEHAVIOR

compiled by Edwin Gould, Chairman of ABS Films Committee

- Imitation in a Home-Raised Chimpanzee (PCR-104)--K.J. Hayes & C. Hayes, 17 min, silent, Sale: \$52.00, Rental \$2.50. Audio-Visual Service, Psychological Cinema Register, Penn State University, University Park, Pa. 16802.
- Mother Love (PCR-2126) -- Carousel Films: Columbia Broadcasting System Television (H.F. Harlow) 26 min. Sale: \$135.00 Rental: \$5.50. Audio-Visual Service, Psychol. Cinema, Reg., Penn State Univ., University Park, Pa. 16802.
- Behavior of the Macaques of Japan: The Macaca Fuscata of the Takasakiyama and Koshima Colonies -- C.R. Carpenter (PSUPCR) Color, PCR-2184K, Rental \$10.30. Audio-Visual Service, Psychological Cinema, Reg., Penn State University, University Park, Pa. 16802.
- Miss Goodall and the Wild Chimpanzees (EBF) 28 min., Color Rental: \$10.30. Audio-Visual Service, Psychol. Cinema, Reg., Penn State University, University Park, Pa. 16802.
- Mountain Gorilla (PCR-2141K) (G.B. Shaller, C.R. Carpenter) 16 min., Color, Sale: \$160.00 Rental: \$6.00. Audio-Visual Serv., Psychol. Cinema Reg., Penn State Univ., University Park, Pa. 16802.
- *** Nature and Development of Affection (PCR-116K) University of Wisconsin, Department of Psychology Primate Laboratory (H.F. Harlow and F. Zimmerman) 19 min. Silent. Sale: B&W \$86.00, Color \$172.00 Rental: B&W \$4.50 Color \$7.20. Audio-Visual Service, Psychol. Cinema Reg., Penn State Univ. University Park, Pa. 16802.
- ** Rhesus Monkey in India (PCR-2129K) -- Johns Hopkins University (C.H. Southwick) 22 min., Color. Sale: \$220.00 Rental: \$8.20. Audio-Visual Serv., Psychol. Cinema Reg., Penn. State Univ., University Park, Pa. 16802.
- **** Rhesus Monkeys of the Santiago Island (3095B) -- DuArt: Dept. Health, Education & Welfare 33 min., Color. Not for sale. Rental: \$11.20. Audio-Visual Serv., Psychol. Cinema Reg., Penn State Univ., University Park, Pa. 16802.
- Sexual Behavior in Laboratory Monkeys (Macaca Mulatta) (PCR-2050K) Yale Medical School, Dept. of Psychiatry (H.E. Rosvold & L.Z. Freedman) 30 min. color Sale: \$200.00 Rental: \$10.20. Audio-Visual Serv., Psychol. Cinema Reg., Penn State University, University Park, Pa. 16802.
- Social Behavior of Rhesus Monkeys (PCR-2012) -- C.R. Carpenter. 26 min. Sale: \$122.00 Rental: \$5.50. Audio-Visual Serv., Psychol. Cinema Reg., Penn State University, University Park, Pa. 16802.
- Vocalization and Speech in Chimpanzees (PCR-2032) -- K. J. Hayes & C. Hayes, 12 min. Sale: \$60.50 Rental \$3.00. Audio-Visual Serv., Psychol. Cinema Reg., Penn State University, University Park, Pa. 16802.
- Primates (GRACUS) 25 min., color. Rental: \$9.30. Audio-Visual Serv., Psychol. Cinema Reg., Penn State Univ., University Park, Pa. 16802.
- Gelada Monkeys - Color/sound/16mm. Dr. John Crook, Department of Psychology, Bristol. England.
- The Japanese Snow Monkey (*Macaca fuscata*) loaned to qualified users. Douglas K. Candland, Bucknell University, Lewisburg, Pa. 17837.
- ** Albatross, 37 min., 16mm, color. Harvey I. Fisher, Southern Illinois Univ., Department of Zoology, Carbondale, Illinois 62901.
- *** Imprinting. 37 min., 16mm, color, sound, narration. Sale: \$350.00 Rental: \$25.00 Ellen P. Reese, P.P.G. Bateson. Appleton-Century- Crofts Film Lib., 267 W. 25th St., New York 10001.
- Behavior theory in practice by Ellen P. Reese. Skinnerian behavior theory. Four 20-minute reels, 16mm, color, sound and narration: Sale: \$700.00 (\$200 per reel) Rental: \$45.00 (\$15 per reel). ACC Film Lib., 267 W. 25th St., N.Y. 10001.

- Patterns for Survival by Lincoln P. Brower, 16mm, Color, 27 min. Sale: \$265.00
Dr. L.P. Brower, Dept. of Biol., Amherst Coll., Amherst, Mass. 01002
Rental: \$9.30 - Audio-Visual Services, PSU, University Park, Pa. 16802. #31421.
Published text on the film: Brower, L.P. 1971. Prey Coloration and Predator Behavior. In: Topics in the Study of Life: The BIO Source Book, Section 6, Animal Behavior, Harper & Row Publishers, Inc., pp. 360-370.
- Monkeys and Scholars. Letter from Donald G. Lindburg, University of California, Department of Anthropology, Davis, California 95616. "Dr. S.L. Washburn of the Anthropology Department at UC Berkeley has copy. I don't know where he got it or if he would loan it out. Photography is excellent, techniques used by Japanese workers in their many years of study of the Japanese macaques on Koshima Island."
- Spawning Behavior of Brook Trout by Robert L. Butler, Color, 16mm. 23 min. Obtained - Audio-Visual Services for either preview, purchase \$210.) or rental Penn State University, University Park, Pa. 16802.
- *** Development of Behavior in the Duck Embryo by G. Gottlieb and Z.-Y. Kuo, Color, 16mm, 20 min. Sound- Rental or purchase - Psychological Cinema Reg., Pennsylvania State University, University Park, Pa. 16802.
- Behavior and Ecology of Vervet Monkeys by Thomas T. Struhsaker, Color, 40 min. 16mm, Sound- Sale \$400. Rental \$20. The Rockefeller University, Film Service, 241 W. 17th St., N.Y. 10011.
- Vocalizations of Wild Chimpanzees by Hugo Van Lawick, Peter Marler and Jane Van Lawick-Goodall, Color, 16mm, 40 min., sound - Rental \$20. Sale \$400. The Rockefeller University, Film Service, 241 W. 17th St., N.Y. 10011.
- Survey of the Primates by Duane M. Rumbaugh, Color, 16mm, 38 min. Sale: \$400. Rental: \$30.00 Appleton-Century-Crofts Film Library, 267 W. 25th St., New York 10001.
- * Primate Growth and Development: A Gorilla's First Year by Duane M. Rumbaugh, Color, 16mm, 20 min, sound, narration. Sale: \$225.00 Rental: \$15.00 Appleton-Century-Crofts Film Library, 267 W. 25th St., N.Y. 10001.
- The Baboon Troop (Amboseli Reserve) #5956, Color, 23 min. Sale: \$23.00, Rental: \$7.00. Modern Learning Aids, 1212 Avenue of the Americas, N.Y. 10036.
- Dynamics of Male Dominance in a Baboon Troop (Nairobi Park) #5974, Color, 30 min. Sale: \$300.00 Rental: \$7.00 Modern Learning Aids, 1212 Avenue of the Americas, N.Y. 10036.
- Evening Activity - Unedited observation film shows baboon behavior. #5976, Color, 5-1/2 min. Sale: \$55.00 Rental: \$6.00. Modern Learning Aids, 1212 Avenue of the Americas, N.Y. 10036.
- The Young Infant: Birth to Four Months (Amboseli Reserve) #5954, Color, 10 min. Sale: \$100.00 Rental: \$6.00. Modern Learning Aids, 1212 Avenue of the Americas, N.Y. 10036.
- The Older Infant: Four Months to One Year (Nairobi Park) #5955, Color, 8 min. Sale: \$80.00 Rental: \$6.00. Modern Learning Aids, 1212 Avenue of the Americas, N.Y. 10036.
- Observing Baboons from a Vehicle, #5975, Color, 5 min. Sale: \$50.00 Rental \$6.00. Modern Learning Aids, 1212 Avenue of the Americas, N.Y. 10036.
- *** Baboon Behavior, Color, 31 min. Sale \$300.00 Rental: \$16.00. University of California Extension Media Center, Berkeley, California 94720.
- *** Baboon Ecology, Color, 21 min. Sale: \$200.00 Rental: \$11.00. University of California Extension Media Center, Berkeley, California 94720.
- Baboon Social Organization, Color, 17 min. Sale: \$160.00 Rental \$9.00. University of California Extension Media Center, Berkeley, California 94720.
- Monkeys of Mysore (Bonnet Macaque, Macaca radiata), Color, 19 min. Sale: \$195.00 Rental: \$11.00. University of California Extension Media Center, Berkeley, Calif. 94720.
- Behavioral Characteristics of the Rhesus Monkey (PCR-2011) C.R. Carpenter, 11 min. Sale \$56.00 Rental \$2.50. Audio-Visual Services, Psychological Cinema Register, Penn State University, University Park, Pa. 16802.

- Chacma Baboons (Papio Ursinus): Ecology and Behavior (PCR-2167) -
British Broadcasting Corp. (K.R.L. Hall and C.R. Carpenter, 20 min.
Sale: \$98.00 Rental: \$4.50. Audio-Visual Services, Psychological
Cinema Register, Penn State University, University Park, Pa. 16802.
- Characteristics of Gibbon Behavior (PCR-2010)-- C.R. Carpenter, 11 min.
Sale: \$54.50 Rental: \$2.50. Audio-Visual Serv., Psychol. Cinema Register,
Penn State Univ. University Park, Pa. 16802.
- Early Behavior in a Home-Reared Macaque (PCR-120)-- L. Aarons, I.S. Bernstein &
J. H. Masserman, 15 min., silent \$45.00-Sale Rental: \$2.50. Audio-Visual Serv.,
Psychol. Cinema Register, Penn State Univ., University Park, Pa. 16802.
- Galago Crassicaudatus, Transport of the Young by the mother (PCR-131)--
University of Florida (E.G.F. Sauer) 8 min. silent. Sale: \$30.00,
Rental: \$2.50. Audio-Visual Serv. Psychol. Cinema Register, Penn
State Univ., University Park, Pa. 16802.
- Howler Monkeys of Barro Colorado Island (PCR-2102) -- C.R. Carpenter,
27 min. Sale: \$130.00 Rental \$5.50. Audio-Visual Serv., Psychol.
Cinema Reg., Penn State Univ., University Park, Pa. 16802.
- Mating Behavior of the Honey Bee, Norman E. Gary, Color, 16mm, Optical,
13 min. Sale-\$140.00 Audio-Visual Services, University Park, Pa. 16802.
- **** Birth of the Red Kangaroo, Color, 16mm, sound, 21 min. International Film
Bureau, Inc. 332 S. Michigan Avenue, Chicago, Il. 60604. Also available
from Australian Embassy, Off. of Scientific Attache, 1601 Mass. Ave.,
N.W. Washington, D.C. 20036.
- Dolphin Learning Studies, 15 min. Avail. for loan from the Public Affairs
Office, Naval Undersea Research and Development Center, San Diego, Ca.
92132.
- Dolphin Sonar Discrimination, 12-1/2 min. Avail. for loan from the Public
Affairs Office, Naval Undersea Res. & Devel. Center., San Diego, Ca. 92132.
- Dolphins that Joined the Navy, 28 min. Avail. for loan from the Public
Affairs Office, Naval Undersea Res. & Devel. Center, San Diego, Ca. 92132.
- Talking with Dolphins, 16 min. Avail. for loan from The Public Affairs
Office, Naval Undersea Res. & Devel. Center, San Diego, CA. 92132.
- Stimuli releasing Sexual Behavior in Domestic Turkeys (PCR-114K) M.W. Schein
& E.B. Hale, 19 min. Color, silent. Sale: \$139.00 Rental: \$7.20. Audio
Visual Services, The Pennsylvania State Univ., University Park, Pa. 16802.
- ** Courtship of the Queen Butterfly (PCR 2123K) L. Brower & F.P. Cranston,
18 min. Color, Sale: \$180.00 Rental: \$6.00. Audio Visual Serv., Penn
State Univ., University Park, Pa. 16802.
- Northern Elephant Seal, Color, 16 min. Sale: \$150.00, Rental: \$8.50.
University of California, Extension Media Center, Berkeley, CA. 94720.
- The Breeding Behavior of the South African Gannet. Produced by Zoology
Department of The University of Cape Town, 25 min., color, 16mm. If
interested in obtaining copy write Mr. M.J.F. Farvis, Department of Zoology,
Rondebosch, Cape Province, South Africa.
- *** The Echidna. Available from Australian Embassy, Office of Scientific
Attache, 1601 Mass. Ave., N.W. Washington, D.C. 20036.
- **** Biology of the Polecat. 15 min, silent (10086) Rental: \$2.50 Not for sale.
Audio-Visual Services, The Pennsylvania State Univ., University Park, Pa. 16802.
Used for training students to observe animal behavior by showing the
film two or three times and providing a questionnaire after the first viewing.

**** Superlative; *** Excellent; ** Good; * Fair

(Films not marked with asterisk were not viewed by compiler of list.)

TRANSMITTAL FORM, ANIMAL BEHAVIOR SOCIETY MEETINGS

University of Nevada, Reno, June 13-16, 1972

Please return this portion to Local Program Chairman, ABS Meetings, Department of Psychology, University of Nevada, Reno, NV 89507, NO LATER THAN APRIL 1, 1972.

First author: _____ Institution: _____

Second author: _____ Institution: _____

Third author: _____ Institution: _____

Paper to be read by (if other than first author): _____

Title: _____

Session Topics (see reverse): #1 _____ #2 _____

Projection and sound equipment required:

2 x 2 slides 3/4 x 4 slides 16 mm film Other (specify) _____

ABSTRACT (Type 100 words or less; to be distributed at meetings):

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PREREGISTRATION AND HOUSING REQUEST FORM

Please return this portion to Mrs. Jane Spears, Department of Psychology, University of Nevada, Reno, NV 89507, NO LATER THAN APRIL 1, 1972

Name: _____
(Last) (First) (Middle)

Preregistration fee enclosed:

Regular \$7.00

Address: _____

Student \$5.00

(Make check payable to Board of Regents, University of Nevada.)

Estimated arrival: Day _____ Hour _____ Estimated departure: Day _____ Hour _____

Accommodations desired: Male Female Couple Family with children

Residence hall (Spartan, no maid service, approximately \$3.50): Single Double

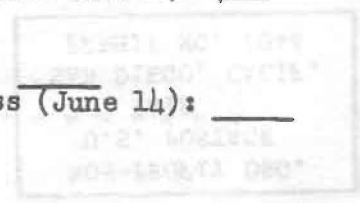
Hotel (within walking distance of U. of N., approximately \$13-\$18.00):

Single Double bed Twin beds Other _____

Campground: Davis (20 miles from U. of N.) Other (closer, less scenic)

Child care desired (specify ages of children): _____

Wish to participate in: Field trip to Pyramid Lake pelican colony: _____
Basque banquet on evening of keynote address (June 14): _____



Session Topics: Select from the following list your first and second choices of topics under which your paper might be classified, and enter in the blanks provided on the reverse; if none of these topics appear suitable, make your own entry.

- | | |
|--|--------------------------------|
| Ecological and interspecific relations | Learning and conditioning |
| Evolution | Habituation and inhibition |
| Genetics | Sexual behavior |
| Neural mechanisms | Parental behavior |
| Hormones and drugs | Feeding and drinking |
| Sense organs | Play and exploration |
| Perceptual systems | Aggression and fear |
| Activity rhythms | Conflict and frustration |
| Orientation | Territorial behavior |
| Displacement activities | Dominance and social structure |
| Ontogeny | Communication |

Any paper authored by a member of ABS is automatically accepted and placed on the program. However, should the number of papers submitted exceed the time allotted for the meetings, the Program Chairman will eliminate papers by lot. Notice of such action on a paper will be sent to the author(s). Each speaker will be allotted 20 minutes for presentation and discussion, and may dispense with the discussion time if the entire period is needed for the presentation.

Please specify title and running time of any film you plan to contribute to the film program:

_____ min.

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Yes _____ No _____