

Nonverbal Communication

Mary Ritchie Key, Linguistics, University of California at Irvine, Irvine, California 92717, has a "list of publications that might publish items or articles on NVC. They also treat other matters on behavior or communication, but all are possibilities for publishing articles or abstracts [or notices of recent publications] of an extra linguistic nature." Please send a self-addressed, stamped (if possible) envelope.

Biology and Politics

The International Political Science Association held a conference last year - Albert Somit (SUNY - Buffalo) was the organizer and chairman. Conference papers have been published under the title "Biology and Politics: Recent Explorations" by Maison des Sciences de l'Homme/Mouton.

Bibliographies

- (1) Mary Ritchie Key (see above address) has a Spanish bibliography on NVC. If you want a copy please send a self-addressed, stamped envelope.
- (2) William Bart, 330 Burton Hall, University of Minnesota, Minneapolis, Minnesota 55455, is preparing an annotated bibliography on ethological research in educational settings (not to include studies on infants, psychotics in hospitals, etc.). Please send copies of your articles, etc. to him.

Human Ethology Portion of the Animal
Behavior Society Meeting, 1976

At the back of this issue are registration forms, information, etc. for the June 20-25, Boulder, Colorado meeting of ABS. Below are the workshops and papers for the Human Ethology portion of this meeting.

The keynote address by John Crook at the ABS Banquet (see below) should be of particular interest to human ethologists, and a number of you might want to attend the banquet. Please check the appropriate place on the Registration Form.

The animal portion of the ABS meeting starts on Sunday, June 20th, with registration from 9:00 to 11:00 a.m. in the Crossover Lounge, Kittredge Commons. Technical paper sessions will begin at 1:40. We hope to have a table set-up where human ethologists can meet and/or leave messages throughout the week. See you in Boulder.

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51 Gerty Drive
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Selected Papers from the Animal Behavior Society Meeting

WEDNESDAY, JUNE 23, 1976

TECHNICAL PAPER SESSION P (Human Ethology), 8:40 a.m. to 12:00 noon.
Donald Omark, University of Illinois, presiding. Room 159,
University Memorial Center.

- 8:40 (131) Playground behavior as a function of rank in the dominance hierarchy. Carol L. Cronin, University of Chicago.
- 9:00 (132) Social behavior of children in a structured setting. Cheryl B. Travis, University of Tennessee.
- 9:20 (133) An approach to group processes in early childhood: A dimension of human development. Martin L. Lakin and M. G. L. Lakin, Duke University.
- 9:40 (134) Autistic behavior in normal development. M. Main and E. B. Waters, University of California, Berkeley.
- 10:00 (135) Accelerated maturation is related to reading disability: Evolution in ontogeny? J. R. Kershner, University of Toronto.
- 10:20 BREAK
- 10:40 (136) Early cognitive development: Object permanence in child, chimpanzee and gorilla. Susan Wood, University of Nevada, Reno. (Introduced by B. T. Gardner.)
- 11:00 (137) Waterfalls displays and ritual processes in a local tradition of chimpanzees in the Gombe National Park. Harold R. Bauer, Stanford University.
- 11:20 (138) Processes of recognition and social exchange in social greetings of chimpanzees in the Gombe National Park. Harold R. Bauer, Stanford University.
- 11:40 (139) Group selection to fixation of an altruistic behavior in a population divided into small breeding isolates: A model. F. T. Cloak, Jr., Springfield, Illinois.

MINI-PAPER SESSION 4, 1:40 p.m. to 3:00 p.m. Mireille Mathieu, University of Montreal, presiding. Presentations: Room 157; Discussion: Rooms 157 and 158, University Memorial Center.

- 1:40 (162) Social and cognitive development in four nursery-reared chimpanzees. (I) Humanistic perspectives on chimpanzee social and cognitive growth. Fred F. Strayer, York University.
- 1:45 (163) (II) A Piagetian assessment of cognitive development. Mireille Mathieu, University of Montreal.
- 1:50 (164) (III) The development of emotional expression. Martin Smith, York University.
- 1:55 (165) (IV) Primary social relations: attachment to a human surrogate. Suzanne Brisette, University of Montreal. (Introduced by M. Mathieu.)
- 2:00 (166) (V) The formation of peer relationships. Anne Russon, York University.
- 2:05 (167) (VI) The development of self-recognition in the context of early social relations. Patricia J. Harris, York University.
- 2:10 (168) A comparative longitudinal study of sensorimotor development in a gorilla, a human, and a macaque infant from a Piagetian perspective. S. T. Parker, California State College, Sonoma.

- 2:15 (169) Sensorimotor intelligence as an adaptation to feeding strategies in wild Cebus monkeys. Kathleen R. Gibson and S. T. Parker, Texas Medical Center, Houston.
- 2:20 (170) A comparative framework for the study of biological aspects of Brazilian trance spirit possession behavior. E. J. Pressel, Ohio State University.
- 2:25 (171) Behavioral consequences of early postpartum contact in Guatemalan mother-infant pairs. B. Lozoff and M. A. Trause, University Hospitals, Cleveland.

HUMAN ETHOLOGY WORKSHOP. "Social-ecological factors during childhood: Caregivers, peers and institutions." Organized by R. Marvin, University of Virginia; D. Omark, University of Illinois; and F. Strayer, York University. 3:00 p.m. to 5:00 p.m., Room 159, University Memorial Center.

ABS BUSINESS MEETING, 4:45 p.m to 6:00 p.m. Forum Room, University Memorial Center.

ABS BANQUET, 6:30 p.m. Center Ballroom, University Memorial Center.

WELCOME: Marc Bekoff, Local Host.

INTRODUCTIONS: Paul Siegel, President of ABS.

ABS ANNIVERSARY ADDRESS: "Animal behavior and social organization: Remarks on the twentieth anniversary of the founding of the Animal Behavior Society," John Paul Scott, Bowling Green University.

KEYNOTE ADDRESS: "On the evolution of the unconscious - sociobiological theory and human psychodynamics," John Hurrell Crook, University of Bristol.

THURSDAY, June 24, 1976

- TECHNICAL PAPER SESSION V (Human Ethology) 8:40 a.m. to 12:00 noon.
Robert Marvin, University of Virginia, presiding. Room 159, University Memorial Center.
- 8:40 (221) Parental differences in infant carry: U.S. and African data. Joan S. Lockard; P. C. Daley; and V. G. Coolen, University of Washington.
- 9:00 (222) Infant-mother attachment: An attempt at conceptual clarification. Inge Bretherton, University of Colorado.
- 9:20 (223) Reactions of adult humans to the cries of normal and abnormal infants. Rodney Freudenberg and Janis W. Driscoll, University of Colorado, Denver.
- 9:40 (224) The initiation, maintenance, and termination of social interactions with adults by infants. G. K. Wasek, University of Colorado.
- 10:00 (225) Infants' spontaneous initiative in establishing proximal interaction with strangers. Inge Bretherton, University of Colorado.
- 10:20 (226) A behavioral characterization of role-transitions in face-to-face conversations. R. M. Harris and S. Kutay, New York State Psychiatric Institute.

- 10:40 (227) The behavioral ecology of the interactional space.
R. D. Deutsch, Rockland Research Institute.
- 11:00 (228) Reciprocal altruism in the preschool. Susan Wareing and
Fred F. Strayer, York University.
- 11:20 (229) The formation, stability and functioning of informal groups
in a preschool classroom. Ralph G. Noble and J. D. Noble,
Rensselaer Polytechnic Institute.
- 11:40 (230) Aggression and dominance relations in peer groups of children
6-45 months of age. E. A. Missakian, Synanon Foundation.

HUMAN ETHOLOGY WORKSHOP. "Child rearing practices and preschool programs
in the Peoples Republic of China: A first-hand report."
Organized by: A. Karlson, University of Massachusetts; D. Omark,
University of Illinois; and J. Barkow, Dalhousie University.
1:30 p.m. to 3:00 p.m., Room 159, University Memorial Center.

HUMAN ETHOLOGY WORKSHOP. "Student session on extraterrestrial ethology."
Organized by: Magoroh Maruyama, Portland State University.
3:30 p.m. to 5:00 p.m., Room 159, University Memorial Center.

HUMAN ETHOLOGY BUSINESS MEETING. 7:00 p.m. to 8:00 p.m., Room 159,
University Memorial Center.

SOCIAL HOUR. 8:00 p.m. to 11:00 p.m. Lounge Area of Andrews Hall,
Kittredge Commons. FREE BEER

FRIDAY, June 25

- TECHNICAL PAPER SESSION BB (Human Ethology), 8:40 a.m. to 12:00 noon. Brian
Vaughn, University of Minnesota, Minneapolis, presiding. Room
159, University Memorial Center.
- 8:40 (273) Smiling and laughing in infancy: A developmental review.
G. K. Wasek, University of Colorado.
- 9:00 (274) Measuring facial behavior in the human infant.
H. S. Oster, University of California, San Francisco.
- 9:20 (275) The face of surprise in infants. Brian E. Vaughn and
L. A. Sroufe, University of Minnesota.
- 9:40 (276) The role of children's facial expressions in a conflict situa-
tion. Linda Camras, Langley-Porter Institute, San Francisco
- 10:00 (277) Age and social rank modifications in the use of facial gestures.
G. Zivin, University of Pennsylvania.
- 10:20 (278) Looking behavior: Intended social signal or indicator for
information rejection. J. H. Ellgring and A. H. Clarke,
Max Planck Institute for Psychiatry.
- 10:40 (279) A possible ethological factor in the etiology of tension
headaches in humans. H. Beck and E. Baker, University of
California, Irvine.
- 11:00 (280) Non-linguistic content of speech in Japanese. G. R. Benjamin,
University of Maryland.
- 11:20 (281) Challenging the psychic unity of mankind. J. R. Barkow,
Dalhousie University.
- 11:40 (282) Intra-specific heterogenization and symbiotization: An
epistemological re-orientation for anti-entropic processes.
M. Maruyama, Portland State University.