of the canines of lions shows a bimodal distribution. Ewer's examination of sabertooth canines revealed no separation of sexes. The discussants concluded that until more is known of the many smaller felids, an understanding of mating patterns in felids will largely be speculative.

Propagation and management of captive species is important to managers of zoos. R. Thompson (University of Oklahoma and Oklahoma City Zoo) reported reproductive success in captive cheetahs. Thompson's final consensus was that until zoos publish the conditions associated with unsuccessful breeding attempts, it is impossible to determine what factors, if any, favor success in captive propagation.

Basing his models on extensive research with house cats, E. Colby (Dartmouth Medical School) developed techniques that enable him to artificially induce estrus in the bobcat. This has opened the door to achieving reproduction by totally artificial methods. S. Seager (Oregon Medical School) reported on his counterpart research in collection and storage of semen.

D. Shover and Eaton (World Wildlife Safari) reported on the behavior and management of Bengal tigers (Panthera tigris) in the first seminatural habitat designed for this species. The unsociability of tigers was reflected in their partitioning of space. Of significance to zoo management were the observations of tigers daily eating grass, suggesting that zoo tigers may require grass on a regular basis.

In the more confined condition of many conventional zoos, stress is often exhibited by pairs of unsociable species housed together in the same cages. Apparent anxiety often appears in females about to give birth, resulting in obstruction of proper maternal care. In an attempt to solve these and related problems, J. W. Foster (Woodland Park Zoo) conducted experiments using Psymod, a mild tranquilizer. His data are inconclusive, but it would appear that Psymod is grossly superior to other tranquilizers in that it does not interfere with feeding and drinking.

The conference was sponsored by World Wildlife Safari, Winston, Oregon, and Institute for the Study and Conservation of Endangered Species, Athens, Georgia, and was held on 3 to 5 May 1973 in Winston, Oregon.

RANDAL L. EATON
Department of Zoology,
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Forward résumé or Federal Application Form (SF-171) to: Mrs. Donna H. Thiele, Personnel Office, Building 27, National Institute of Child Health and Human Development, National Institutes of Health, Public Health Service, Bethesda, Maryland 20014.

DIRECTOR

The Jackson Laboratory invites applications for the position of Director of the Laboratory, which will become open on 1 October 1975. Qualified applicants are invited to submit a curriculum vitae and summary of experience to one of the following:

Dr. James D. Ebert, Chairman, Search Committee, Marine Biological Laboratory, Woods Hole, Mass.
Dr. James F. Crow, Member, Search Committee, University of Wisconsin, Madison, Wisconsin 53706.
Dr. Douglas L. Coleman, Secretary, Search Committee, Jackson Laboratory, Bar Harbor, Maine 04609.

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Dr. E. W. Banister
Department of Kinesiology
SIMON FRASER UNIVERSITY
Burnaby, British Columbia, V5A 1S6
(From whom further details can be obtained)

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Send curriculum vitae and two letters of reference to: Dr. R. A. Nev, Institute of Marine Science, University of Alaska, Seward, Alaska 99664.

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The University of Washington is seeking a qualified Ph.D. for a position to be held jointly between the Applied Physics Laboratory and the Department of Oceanography. The position will involve a research position in which one must have a Ph.D. in oceanography or a related degree and have demonstrated capability in the field of numerical analysis and modeling of the large scales of the oceanic structure. The candidate must be interested in developing the academic research program in conjunction with several interconnected laboratories. Interested applicants should contact: Dr. Terry Everett (206-543-1319). Curriculum vitae and bibliography are requested.

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focuses on inorganic biochemistry. Background in endocrinology and the ability to perform $6000

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Research, West Virginia University Medical Center, Morgantown, West Virginia 26506, An Equal Opportunity/Affirmative Action Employer.

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