



"Drop-ins" grab another meal at the feeder for our three trumpeter swans. This is an annual affair for these migratory birds. Meanwhile, back at the hatchery (below) two African crowned crane babes look unsuccessfully for Curator Pete Terry.



## Research

Research at the Zoo is a new endeavor. Previous research consisted of sending biological materials to those researchers requesting it for their own studies. This kind of cooperation will continue in the future; however, the emphasis will be on a more acsis will be on a more active research role.

The research department has been planned as an integral component of the new Metropolitan Dade County (Miami) Zoological park, but its programs are currently being developed. There are four research programs under which research projects (individual scientific studies/inquiries) will be conducted.

(continued p. 3)

### CALENDAR

Society meetings are held on the first Wednesday of the month at the Museum of Science Auditorium at 8 PM unless members are otherwise notified.

MARCH 3, 1976: DR. RICH-ARD WADE, MARINE ECOLO-GIST WITH THE U. S. DEPT. OF THE INTERIOR, WILL SPEAK ON "ECOLOGY OF THE COASTAL ENVIRONMENT." DR. WADE'S SLIDES OF BISCAYNE BAY WILL GRAPHICALLY EX-PRESS WHY THERE IS SUCH GROWING CONCERN FOR THE FUTURE OF THE BAY.

# genenenenenenenenenenenen g Bristol's

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618 Crandon Blvd., Key Biscayne de la company de

# **Key Colony** Motel

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EFFICIENCY APARTMENTS PAR 33 GOLF COURSE OLYMPIC SIZE POOL

> 101 CRANDON BLVD. KEY BISCAYNE, MIAMI 361-5491

. 400 yards from the beach. រួលខេត្តការបានិងការបានការបានការបានការបានការបានការបានការបានការបានការបានការបានការ

# KEY BISCAYNE

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# Vital Statistics\_



Sugar Glider	0/4/0	1/07/76
Sugar Glider	0/4/0	1/09/76
Domestic Goat	1/0/0	1/11/76
Red Kangaroo	0/0/1	1/23/76
Douroucouli (stillborn)	0/0/1	1/24/76
Maxwell's Duiker	1/0/0	1/26/76
Domestic Goat	0/0/2	1/29/76

### **DEATHS**

Caracal Lynx	0/1/0	1/06/76
Common Iguana	0/0/1	1/10/76
Burmese Python	0/0/1	1/13/76
E. African Scorpion	0/0/1	1/14/76
Johnstones Crocodile	0/0/1	1/27/76
Sacred Ibis	0/1/0	1/30/76
Leopard Tortoise	0/0/1	1/3 <b>1</b> /76

### **ACQUISITIONS**

1/08/76	1/0/0	Aardvark
1/23/76	0/1/0	White-handed Gibbon
1/27/76	0/0/1	Gopher Tortoise

### OUT ON BREEDING LOAN

1/12/76

1/0/0

Green Tree Python

First figure indicates number of males; 1/1/1 females; third figure, sex unknown at present figure, time.

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- 1 Wildlife Data Program: inventory and baseline data on each specimen in the collection; accumulation of existing knowledge on each species in the collection; logical-ecological-ethological data accumulation/study: and research data publication, dissemination, and coordination.
- 2 Species Propagation-Conservation Program: propagation of endangered species in the collection; study and analysis of biological and management problems associated with long term captive breeding projects; and integration of captive and natural habitat fauna conservation management techniques.
- 3 Florida Fauna Program: captive and field study, propagation, and conservation of Florida's 268 rare-threatened-endangered species; and study the effects of exotic fauna species on indigenous Florida species.
- 4 Animal Health Program: study of animal health problems; improvement of veterinary techniques; and improvement and expansion of routine procedures performed at the Zoo.

These will be the first of many There are presently six projects being developed. projects to be conducted in future years.

- RP-001 Animal Health-Research Complex Development: the planning and acquisition of this building as well as the equipping of it.
- RP-002 Invertebrate Collection Development: the organization of a live, preserved, and photographic collection of invertebrates for display, education purposes, and as dietary items for the animal collection.
- RP-003 Energy Resource Development and Utilization Study: the study of the use of methane gas through the anaerobic digestion of manure and solar energy as energy resources in the operation of the Zoo facility.
- RP-004 Toxicological Substances Study: the determination and monitoring of toxic substances in the Zoo environment.
- RP-005 Florida Cougar Conservation Management Study: a field study of this endangered species.
- RP-006 Endangered Butterflies of Florida Study: a field study and survey of Florida butterflies and their status.

In order to conduct these and other research studies and inquiries, cooperation with the Florida scientific community will be emphasized. A Specialist Advisory Council will be established as an advisory board to the Research Curator.

I am particularly interested at this time to learn of those in the Zoological Society of Florida who would be sincerely interested in helping with the development of the research effort. This would include helping with one of the following tasks:

a) voluntary service to help put together bibliographies on topics supplied by the Research Curator from the books and publications in the Zoo library,

b) voluntary service to compile historical information on the Zoo animal col-

hand, or c) monetary assistance in publishing reports and accomplishing other research needs.

This is only an inquiry in order to determine who is interested in our research programs. A very limited number of copies of the re-Research Annual Report, port 1975, may be available in March for those sincerely interested in having more lection from the records on detailed information. (continued p, 4)

### THE ZOOLOGICAL SOCIETY OF FLORIDA

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### Research (con't)

you have an interest in helping with the research effort, send a letter indicating your interest to: Vernon N. Kisling, Jr, Research Curator, Crandon Park Zoological Garden, 4000 Crandon Boulevard, Key Biscayne, FL 33149, call 361-2515, or stop by the Zoo Office.

- VERNON N. KISLING, JR. Call 361-1266.

A combination of things is being used to explain the low totals for January. A series of cold weather periods, budget problems in our schools, and so on are the most common suggestions. There were 18 regular tours with 109 in attendance, 6 special tours with 251 in attendance, and 1 outside lecture reaching 35 persons. This is a not-so-grand total of 395.

# HELP!

Wanted: Low pay, high status position on this very publication. Present and only employee very tired & looking toward retirement. Call 361-1266.

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