Page 4

Tuesday, August 4, 1964

Zoologist Studies Local Paddlefish

... May Have Rare

Electrical Equipment

come to Nebraska to have a souri river paddlefish.

W. Lissmann, zoologist, chose the process establishes about Nebraska as the result of cor- itself an electrical field, or respondence with University pattern, very useful in survi-Professor Thomas B. Thor- val. When Gymnarchus gets son, a zoologist whose pisca- close to materials which intorial interests run more to terfere with his normal elecsharks than to paddlefligh.

the paddlefish because it just ly, maybe going on with his might be one of the relatively business or leaving. few creatures which have rare electrical equipment.

use.

Take, for instance, Profes-for Lissmann's Gymnarchus day he rests in places the Niloticus-you have to take it predators can't reach. scientific title and all because In a sense, the Gymarchus nobody has ever given it a electrical system is better common n a m e. A liberal than radar which relies on the



A renowned authority from it is a naked-tailed fish found Cambridge University h as originally in the River Nile.

Gymnarchus transmits from look at the snout-nosed Mis- its tail and receives in its head a constant stream of The authority, Dr. Hans W. tiny electric charges and in trical pattern, he gets the Lissmann is investigating message and acts according-

Use of the electrical system enables Gymnarchus to Lissmann and a lot of oth- go out to eat at night in comer scientists can prove that paraiive safety. In darkness many fishes, including cat- most aquatic predators are fish, transmit electric inactive because they can't charges, some of which a r e see. Gymnarchus can't s e e known to be put to practical much either but vith his electrical apparatus operating he

translation, however, is that reflected "bounce" of an electric signal. Cymnarchus doesn't have to fool around with bounces; he gets the message direct when his pat-

> Lissmann is the scientist who first proved the abilities of the Gymnarchus by a series of laboratory experiments with a specimen he has kept in a tank for more than 13

The scientist says he is now certain that some other fishes and perhaps some amphibians make use of builtin equipment similar to that

has certain physical characteristics common to some of the electrical specialists found in Africa and South America, braska. Paddlefish are be- beloved French author gives lieved to be found mainly in the reader an insight into the the Mississippi and Missouri personal likes and dislikes.

mechanism of a preserved paddlefish in the University's

SNOUT-NOSED PADDLEFISH - Dr. Hans W. Lissmann (right) of Cambridge niversity and Dr. Thomas B. Thorson of the University of Nebraska Examine the brain area of a paddlefish in search of electrical equipment. Love Library Staff Prepares Supplementary Book List

Room Colette, THE BLUE LAN. areas of this continent. The aroused his interest - and TERN. This charming collec- purist might consider it as a group of eople receiving pubthat's why he came to Ne- tion of reminiscenes by the starting point for collecting lic welfare. tioning plans.

rivers and not in very many other places Van Wormer, Joe, THE WORLD OF THE BOBCAT. slightly wistful view of life A delightful collection of pho-

zoological laboratory, Liss- PER. A brief biographical tivities The photor the tell mann and Thorson went to sketch is the introduction to book, for some of the state-the Gretna fish hatchery John Piper, a well-k n o w n

Humanities Reading | maps. Advanced and lay read-| welfare worker in Buffalo. ers will turn to it again and N.Y. He attempts to excite again for information on all Americans about the large

material pertinent to vaca-Weyl, Nathaniel. THE GE-OGRAPHY OF INTELLECT Concerned with the distribu tion of brain-power in space and time. Gives interesting tographs of the bobcat in a Betjeman, John, JOHN PI- wide range of moods and ac- explanations for the differences in intellectual potential of the various races, peoples

KUON-TV To Produce Show On Beef Prices

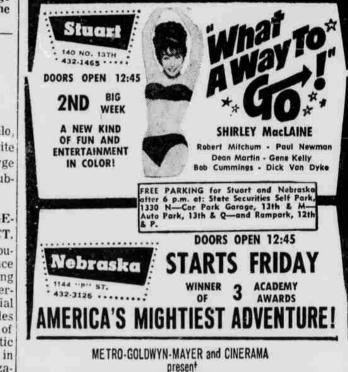
The University's education-| al television station, KUON-TV, is one of seven stations 8:00 in the nation selected to pro-

in the nation selected to produce a program on a local issue of national importance, "The Cattle Crisis."
The cattle Crisis."
The program, a look at the decline in cattle and beet prices paid to producers, is being produced in cooperation with N at i on a l Educational Television. It will be shown over 90 NET stations during the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of September.
Bob Dudley and Jerry Depried the month of Septe fects on the producers and the total community, and possible solutions

The program will include interviews with ranchers, feeders, bankers, senators, meet packers, economists, repre-sentatives of livestock and feeder organizations, Univer-sity faculty members and sity faculty members, and

U. S. Department of Agriculture officials. Many of the interviews will be made in Nebraska This week's KUON-TV

schedule: TODAY



happening today. B:00 Antiques: 'Pewter'' 8:30 Portrait: Polar Expedition: lica: The Geology'' 6:00 The Great Rivals

Iran and India. THURSDAY, AUGUST 6 5:30 Cultures and Continents: 6:30 At Issue 7:00 Painting and Finishing: "Enameling and Spray Painting" 7:30 Science Reporter: "The Quieting Probe" bral palso. 8:00 Antiques: "Empire and Victorian Furniture" 8:30 What In The World

FRIDAY, AUGUST 7

FRIDAY, AUGUST 7
 5:30 Courtship
 6:30 Dateline History
 6:45 Social Security In Action
 7:50 Music From Ohio State
 7:50 Science Reporter
 8:10 Of People and Politics
 9:00 Flaherty Features: "Nanook of the North" Films by the great Robert Flaherty ullustrate his belief that "a camera left to itself can see better than the eye."
 MONEAV, AUGUST 10



in this collection, none of the a rigid position without swish-He has found out why Gymnarchus swims that way: his rigid, torpedo-like position is necessary for the effective operation of his electrical

What did Lissmann find into James' opinions and out about the paddlefish? He views.

fore. The scope of the essays is implied from the title and

James, Henry, FRENCH

WRITERS AND AMERICAN

WOMEN; Essays. With the

exception of only one essay

wild American cat.

Social Studies

Reading Room

Science Reading

Room

11th & Q

Shelford, Victor E., THE ECOLOGY OF NORTH AMERICA. Written by the foremost authority on the subject, this book is a general introduction to the biotic communities of America. It is well documented and illustrated with fine habitat pictures and

However, it is still a valuable addition to wildlife literature, grossing.

for little is known of this Wilkins, B. Hughel, ed. THE ECONOMISTS OF THE NEW FRONTIER; an Anthology. A collection of articles by twelve economists, most of whom have made significant contri-

May, Edgar, THE WASTED butions to post-Keynesian ecopieces by James have been AMERICANS; Cost of Our nomic thought. An excellent Welfare Dilemma. The author, introduction to current ecoa Pulitzer prize-winning news- nomic theory and policy by should prove of interest to any book after masquerading for operational in a mixed publicpaper reporter, wrote this men who see economics as student of literature who more than six months as a private economy



