Nature Note

Pronghorns



One of the fleetest animals in the New World, the pronghorn is also one of the rarest.

This graceful white and chestnut animal with unique black pronged horns is also the only

hooved mammal that originated here on the North American continent. Other hooved animals such as the elk and deer migrated to this country in prehistoric times across the land bridge of the Bering Strait, or, as in the case of the horse, were brought here by man.

Actually, the pronghorned antelope, is not an antelope, even though it resembles one. It shows certain traits of deer and cattle.

The distinct horns of the pronghorn, rising vertically above the eyes, are hollow and composed of a bony core covered with a sheath of fused hairs that are shed each autumn after the breeding season. A new sheath grows upward under the old sheath. Another peculiar trait of the pronghorn is the long white hair on their buttocks. By erecting these hairs in the sunlight, these animals can flash brilliant white signals of danger to other members as far away as several miles.

Once the pronghorns populated the western plains of North America in great numbers—as many as 40 million, wildlife experts estimate. In the days before Indians had horses to ride, only a few of the fleet-footers were killed; even after the arrival of the horse, they often could outdistance their pursuers, running as fast as 40 miles per hour. But increasing numbers of armed population, plus their own innate curiosity that drives them closer to inspect even a hunter, brought them down by the thousands. By 1910 their bands were so small and scattered that only emergency protective measures spared them from becoming extinct. Today, careful conservation practices have managed to increase their num-

Mail to: Abbott Laboratories,

North Chicago, Ill. 60064. Dept. 346

From Abbott Laboratories ... Pioneer in Radio-Pharmaceuticals, Radioisotopes for School Laboratory Experiments Abbott will produce on order a choice of two kits suitable for student use to permit a wide range of experiments. The radioisotope quantities in these kits are generally licensed by the Atomic Energy Commission and no by-product license is required. Name. School Address_ For an order form and bibliography ☐ Please send order blank of literature describing various ex-☐ Please send more information

SCIENCE NEWS

A Weekly News Magazine of Science and Its Applications

ol. 91 February 25, 1967

No. 8

E. G. Sherburne Jr., Editor

Watson Davis, Director Emeritus, Editor, 1922-1966

Warren Kornberg, Managing Editor

DEPARTMENTS

Aerospace:

Jonathan Eberhart

Earth and Environment:

John Ludwigson

Life Sciences:

Barbara J. Culliton

Medicine:

Faye Marley

Physical Sciences and Astronomy:

Ann Ewing

Physical Sciences and Technology: Carl Behrens

Carr Benren

Science and Public Policy:

Frank Sartwell

Social Sciences:

Patricia McBroom

Contributing Writer:

Barbara Tufty

New Ideas and Gadgets:

Ruby Yoshioka

Production Editor:

Marilyn Raleigh

Copy Desk:

Nadine Clement

Assistant:

Karen Turner

Books:

Margit Friedrich

Advertising Director:

Louis D. Young

Circulation Manager:

Marcia Nelson

SCIENCE SERVICE

The Institution for the Popularization of Science organized 1921 as a non-profit corporation.

organized 1921 as a non-profit corporation.

Board of Trustees—Nominated by the American Association for the Advancement of Science: Wallace R. Brode,*** Washington, D.C.; Bowen C. Dees, University of Arizona; Athelston F. Spilhaus, University of Arizona; Athelston F. Spilhaus, University of Minnesota. Nominated by the National Academy of Sciences: Harlow Shapley, Harvard College Observatory; Detlev W. Bronk, Rockefeller University; Henry Allen Moe, The Clark Foundation. Nominated by the National Research Council: Leonard Carmichael, National Geographic Society; Eric A. Walker, Pennsylvania State University; Glenn T. Seaborg,* U.S. Atomic Energy Commission. Nominated by the Journalistic Profession: Gordon B. Fister, Allentown (Pa.) Call-Chronicle; Ralph B. Curry, Flint Journal; O. W. Riegel, **** Washington and Lee University. Nominated by the Scripps Estate: Ludwell Denny, Scripps-Howard Newspapers; Edward W. Scripps II,** Edward W. Scripps Trust; *President, **Vice President, ***Treasurer, ****Secretary.

Director: E. G. Sherburne, Jr. Assistant Director: Dorothy Schriver.

Staff: Science Youth Division: Joseph H. Kraus, Lloyd Ulmer. Photography: Fremont Davis. Syndicate Sales: Forrest L. Snakenberg.

Copyright \circledcirc 1967 by Science Service, Inc. Republication of any portion of SCIENCE NEWS is strictly prohibited.



periments that may be made with

these kits fill out and mail this

coupon.