

outline of the aims of archaeology, and the methods employed in field, laboratory and study.

WHY SPACE? AND HOW IT SERVES YOU IN YOUR DAILY LIFE—Martin Caidin, foreword by Homer E. Newell—Messner, 208 p., photographs, \$4.95. Explains in layman's language the broad scope of the U.S. space program and some of the practical results it is yielding to U.S. industry and the consumer.

WONDERS OF GRAVITY—Rocco Feravolo—Dodd, 64 p., illus. by R. Bartram, \$3. Explains the principles of gravity to young boys and girls.

THE WORLD ABOVE—Clifford B. Hicks—Holt, 153 p., illus. by R. Potts, \$3.50. An entertainingly written, yet factual account of the atmosphere, the sea of air, the magnetosphere and outer space.

THE WORLD OF SOUND RECORDING—Don Murray—Lippincott, 128 p., photographs, \$3.50. A short history of phonograph-record-making and a description of the ingenious uses to which recording equipment is put today.

THE YEARBOOK OF THE INTERNATIONAL COUNCIL OF SCIENTIFIC UNIONS, 1965—ICSU Secretariat, 138 p., paper, \$1.50. Calendar of scientific meetings, list of national members, scientific members, and other pertinent information.

THE YOUNG EXPERIMENTERS' WORKBOOK: Treasures of the Earth—Harry and Laura Sootin—Norton, 58 p., illus., \$2.90. Shows boys and girls how to test rocks and minerals to find out about their composition.

• Science News Letter, 87:316 May 15, 1965

Nature Note

Sea Lamprey

► THE GREAT SEA LAMPREY is a primitive eel-like fish with an ugly, round, jawless sucking mouth lined with more than a hundred sharp teeth.

This vigorous swimmer, *Petromyzon marinus*, firmly attaches itself onto a fish with its mouth, rasping a hole in the victim's flesh with its sharp teeth and sucking the blood and body fluids. A large variety of fish have been attacked and destroyed by the voracious sea lamprey including cod, haddock, shad, menhaden, sturgeon and salmon. Some large fish, such a swordfish, manage to escape the sucking parasite and carry round scars to mark where once the lamprey was attached. Lampreys have been known to attach themselves to humans but no injuries have been reported.

The wriggling creature grows to be three feet long in the ocean. Its long body is covered with scaleless skin that is bluish, brownish or blackish on its back, and white or grey underneath. A row of about seven small gill-openings extend along each side, beginning a short distance behind each eye. These holes may have given the sea lamprey one of its common names, Nine-eyes.

The great sea lamprey lives along the shore of the North Atlantic Ocean, from Labrador to as far south as Florida. In the spring and early summer, full-grown lampreys swim up coastal streams and rivers to spawn.

Both male and female help make a nest of pebbles and gravel in the streambed by seizing and removing larger stones from the area with their sucker-mouths. Numerous tiny eggs are deposited in the "nest," and the parents then die. The young lampreys are eyeless and do not have a sucking mouth. They burrow into the mud, feeding on tiny bits of organic matter. When they are about six inches long, they follow the stream down to the sea and live in the salt water until old enough to ascend the stream, spawn and die.

• Science News Letter, 87:317 May 15, 1965

Do You Know?

Benign blood vessel tumors, popularly called *strawberry marks*, have been successfully treated with the laser.

Every day, 1,500 young people in the U.S. contract *venereal disease*.

Detergent foaming, the cause of unsightliness and pollution in many lakes and streams, may be the basis of a new water purification technique called foam separation or foam fractionation.

Tuna swim with their mouths open most of the time.

Seven out of 10 persons in the United States have *foot ailments*.

• Science News Letter, 87:317 May 15, 1965

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