

Dr. Samuel J. Meer of Western Reserve University, Cleveland.

The authoritarian individual, Dr. Meer explained, thinks in terms of blacks and whites with no middle ground. He cannot stand mixed emotions toward his parents. Like Hitler, he believes that "those who are not with me are against me." Aggression in dreams is mostly directed toward strangers and other peoples, not to family, friends, and acquaintances. Friendliness is only for the individual's own set.

The dictator personality is likely to over-idealize the virtues of his own group and over-emphasize the wickedness of all others.

Persons with a democratic viewpoint do not make such a distinction between "our gang" and outsiders. Aggression and friendliness in dreams is handed out impartially to both.

Dr. Meer based his conclusions on a study of the dreams of a group of college students who had been rated on their authoritarian attitudes.

Science News Letter, September 6, 1952



TRANSISTOR RECEIVER—Experimental model of a transistor receiver is demonstrated by Dorman D. Israel, executive vice-president of Emerson Radio and Phonograph Corporation, who predicts that in less than three years mass production of "shirt-pocket" radios will make this prototype a "grand-daddy." Transistors, made with a tiny disk of germanium, can replace vacuum tubes for many purposes.

ENGINEERING

Rubberized Material May Stretch Road Life

➤ RUBBERIZED ROAD materials being developed at the University of Kentucky, Lexington, Ky., may be the engineers' answer to stretching the life of heavily traveled highways that become quickly worn under the normal load of cars, trucks and buses.

Research engineers believe that adding rubber to the ordinary bituminous road-surfacing material should make the pavement more rugged. The scientists are testing their theory in the University's highway laboratory where a "fatigue" machine treats samples of rubberized road-surfacing materials just as trailer trucks would.

Other machines and tests "age" the samples and subject them to the simulated heat of a blazing summer sun and of frigid winter temperatures.

Administered by the Kentucky Research Foundation under a grant from the Firestone Tire & Rubber Company, the project currently is being carried on by the University's Engineering Experiment Station.

Science News Letter, September 6, 1952

YOUR SKIN AND ITS CARE

By H. T. behrman, M.D., and O. L. Levin, M.D.

Two dermatologists give you the up-to-date scientific facts. They tell you in detail exactly what to do to beautify and improve your skin, how to avoid or correct skin disorders, and how to deal with many skin problems as: **Daily care of the face—**allergies—cosmetics—pimples—blackheads—acne—whiteheads—cysts—boils—oily skin—dry skin—chapping—poison ivy—cold sores—hives—superfluous hair—ringworm—moles—birthmarks—scars—warts—tumors—skin cancer—excessive sweating—etc.

"The type of book to which the physician can refer his patients."—*Journal of the American Medical Association*.

"Accurate, unvarnished story of practical skin care."—*Connecticut State Medical Journal*

Price 2.50 Incl. postage. 5-day-Money-Back-Guarantee
EMERSON BOOKS, Inc., Dept. 272-H,
251 West 19th Street, New York 11

MARINE BIOLOGY

Claim Long Proboscis an Elephant Seal Advantage

➤ IT IS an advantage to an elephant seal to be a Jimmy Durante of the species, because a long proboscis gives a better station in seal society.

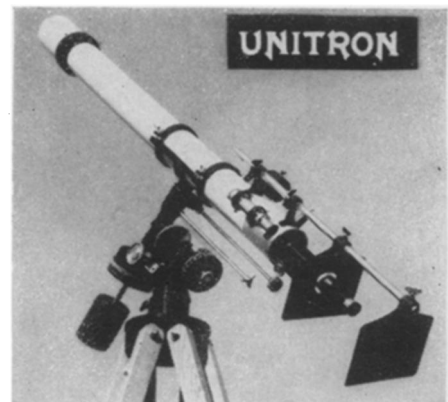
Elephant seals, once almost extinct, are being sighted in increasing numbers on certain islands off the coast of southern and Baja California.

The place of the male elephant seal in his society is determined by his ability to dominate other males. This is particularly true during the breeding season. His position is often won and maintained largely by the amount of noise he can make. Thus his "bark," actually more of a loud snort, is often as important as his bite.

The amount of noise a seal can make depends upon the length of his snout, Dr. George A. Bartholomew, assistant professor of zoology at the University of California at Los Angeles, has found. The longer the snout, which is often a foot or more, the louder the snort. Apparently the elongated proboscis has no other use.

The elephant seal also snores to amuse himself, Dr. Bartholomew has found. While partly submerged in an isolated tide pool, he may snore in a manner that suggests singing in a bathtub. He apparently enjoys the resonant effect of his "natural bathtub" just as a human being does that of his tub or shower.

Science News Letter, September 6, 1952



3 INCH EQUATORIAL
Ideal for amateur astronomical research
Objective: Coated 75mm (3") diameter, 1200mm (47.2") focal length. f/16.
Eyepieces: 200x, 133x, 96x, 67x, 45x.
COMPLETE with equatorial mounting and slow-motion controls, setting circles, tripod, eyepieces, sun projecting screen, view finder, star diagonal, erecting prism system, etc., fitted wooden cabinets.
Express collect. **Only \$435**

OTHER UNITRON REFRACTORS

2.4 INCH EQUATORIAL.....	\$225
2.4 INCH ALTAZIMUTH.....	125
1.6 INCH ALTAZIMUTH.....	75

All Instruments Fully Guaranteed
25 percent deposit required on C.O.D. shipments.
Send check or money order or write for illustrated literature to:
UNITED SCIENTIFIC CO.
204-6 Milk St., Dept. L-91, Boston 9, Mass.

