

NEW BOOKS ON SCIENCE

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- ABC OF AVIATION, 1937 ed.—Page—*Henley*, \$1.50*.
 AERONAUTICAL METEOROLOGY—George Taylor—*Pitman*.
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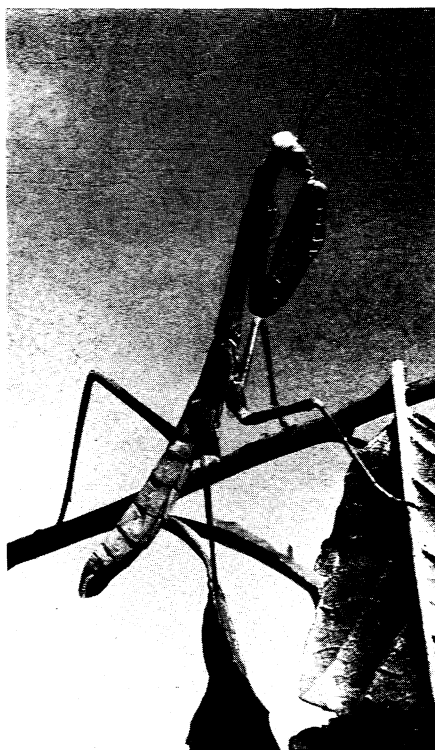
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PHILOSOPHY

Civilization

● "Culture suggests agriculture, but civilization suggests the city. In one aspect civilization is the habit of civility; and civility is the refinement which townsmen, who made the word, thought possible only in the *civitas* or city. For in the city are gathered, rightly or wrongly, the wealth and brains produced in the countryside; in the city invention and industry multiply comforts, luxuries and leisure; in the city traders meet, and barter goods and ideas; in that cross-fertilization of minds at the crossroads of trade intelligence is sharpened and stimulated to creative power."—Will Durant in *THE FOUNDATIONS OF CIVILIZATION* (Simon and Schuster).

Science News Letter, October 23, 1937

GENERAL SCIENCE

Ignorance in Action

● "All people have attitudes. Unscientific people have attitudes of all sorts, which they have acquired by imitation and tradition from their parents, their friends, and their social class. These attitudes may be even more dynamic than the scientific attitude just because they have no intelligent basis and are therefore less subject to change. There is nothing more terrible than ignorance in action. A strong unreasonable prejudice, class or personal hatred, or insane fear bear frightful fruits of death, destruction, and persecutions."

—Arthur Talbot Bawden—in *MAN'S PHYSICAL UNIVERSE* (Macmillan).

Science News Letter, October 23, 1937

MEDICINE

Royal Treatment

● "Once upon a time a king, while shaving, fell unconscious in his bedroom. The following treatment was employed by the royal physicians. A pint of blood was extracted from his right arm; then eight ounces from the left shoulder; next an emetic, two physics, and an enema consisting of 15 substances. Then his head was shaved and a blister raised on the scalp. To purge the brain a sneezing powder was given; then cowslip powder to strengthen it. Meanwhile more emetics, soothing drinks, and more bleeding; also a plaster of pitch and pigeon dung applied to the royal feet. Not to leave anything undone, the following substances were taken internally: melon seeds, manna, slippery elm, black cherry water, extract of lily of the valley, peony, lavender, pearls dissolved in vinegar, gentian root, nutmeg, and finally 40 drops of extract of human skull. As a last resort bezoar stone was employed.

THE AUTH

But the royal patient died. . . . The unfortunate patient was Charles II, King of England."—Loren C. MacKinney in *EARLY MEDIEVAL MEDICINE* (Johns Hopkins Press).

Science News Letter, October 23, 1937

GEOGRAPHY

Blue-Prints

● "Russia today is like a house in construction. They cannot hide the dirt, disorder and atmosphere of improvisation which abounds in all building plots. If you are invited into a finished house, your host may refuse to show you the servants' quarters and the untidy rooms, and will try to boost with his nicely furnished lounge. When some of the walls are not yet more than heaps of bricks and the sky visible through the scaffolding of the future roof, all he can do is to show you his blue-prints and praise his architect's scheme of decoration. If you know something about it, you will be able to dispute his claims. If you don't, you could only notice his good intentions and let your own imagination do the rest. The opinion you will form will depend on your optimistic or pessimistic temperament and your idea of the man's abilities and *bona fide*. On the whole I had to complain more of the lack of interest shown for my curiosity and the apparent preoccupation of people, than of their zeal in guiding and advising me."—H. P. Smolka in *40,000 AGAINST THE ARCTIC* (Morrow).

Science News Letter, October 23, 1937

ORNITHOLOGY

Quieting Sound

● "Twilight was deepening into night when I turned back and entered the large pasture just beyond Clark's but the Grass Finches (two of them) were still singing there. Approaching within 20 yards of one which I could dimly see sitting on a large boulder, I lay down on the turf and listened until it ceased. One must be very near this bird to get the best effect of its song. I know of no other sound in Nature which so rests and soothes me. It is like the touch of a soft hand and steals through all the senses, quieting the nerves and bringing peace and rest."—William Brewster in *CONCORD RIVER* (Harvard University Press).

Science News Letter, October 23, 1937

ORS SAY:

ZOOLOGY

Monkey Patients

● "Monkeys, as might be expected, give plenty of trouble when they are sent to the hospital for fractured limbs. It is not monkey nature, apparently, to let well enough alone; they have to be restrained by all sorts of ingenious devices from removing their bandages out of pure curiosity. A brown capuchin monkey that broke its arm above the elbow was so insistent on working at the bandages with its teeth that finally a light, but broad, wooden collar was locked around the animal's neck and then it could no longer reach the damaged place."—Raymond L. Ditmars and William Bridges in *WILD ANIMAL WORLD* (Appleton-Century).

Science New Letter, October 23, 1937

ASTRONOMY

Most Impressive

● "The gradual darkening of the sun in full daylight, culminating in its complete obscuration for a few minutes, followed by an equally slow return to complete brightness, has in previous ages brought alarm and apprehension. Among savage tribes the beating of tom-toms and other incantations are still used to propitiate the dragon which is supposed to devour the sun. Even now in India, where eclipses are predicted in the local press, ancient ceremonies are still carried through as a matter of ritual. It is no wonder that animals are disturbed, and that birds sometimes go to roost. Though the cause is completely understood, a total eclipse of the sun is a most impressive and awe-inspiring spectacle to every intelligent beholder."—Sir Frank Dyson and R. v. d. R. Woolley in *ECLIPSES OF THE SUN AND MOON* (Oxford).

Science New Letter, October 23, 1937

PUBLIC HEALTH

Wishful Thinking

● "The syphilis problem of its very nature is admittedly difficult. It can be shown that this particular lag in our national performance is due neither to lack of medical skill in this country nor in failure to appreciate the value of public health. Since 1900 our tuberculosis rate, for example, has been cut two-thirds; our diphtheria rate by nine-

tenths; the typhoid rate practically to the vanishing point. But the fact remains that we have not attacked syphilis as we have attacked these and many other plagues. For the most part, we have been content with wishful thinking. . . . Records in my office show that health department, hospital department and voluntary hospital clinics in New York City report 35,926 cases of syphilis actually diagnosed in New York City for 1936; that when supplemented by laboratory reports, this reaches a total of 67,010 cases."—Thomas Parran in *SHADOW ON THE LAND* (Reynal & Hitchcock).

Science News Letter, October 23, 1937

DENTISTRY

Chief Factors

● "Diet and exercise, the use to which the teeth are put, constitute the two chief factors in the preservation and maintenance of a perfect and healthy dentition. When diets that are deficient in mineral salts and vitamin D are strictly adhered to, the teeth begin to decay but this decay can be stopped if vitamin D is added to the diet. If the same sort of inadequate diet is given to the child while the teeth are forming, they will be of defective structure or carious or both."—Cleveland Sylvester Simkins in *HISTORY OF THE HUMAN TEETH* (Blakiston's).

Science New Letter, October 23, 1937

BIOGRAPHY

First Cure

● "About this time (1876) I first began to have an inkling of the alcohol problem. I saw alcoholic patients getting drunk even in the asylum itself, and delirious patients, when they were discharged, went into the nearest tavern and drank themselves ill again. Gudden, in his fatalism, regarded this as inevitable. But the more I saw of it the more painfully it distressed me.

"In my ward there was an elderly toper, Augustin by name, who when sober was a perfectly respectable and useful member of society. A glazier by trade, he continued to exercise his calling in the asylum, but he drank even the spirit which he needed for his work. I spoke to him seriously, and with his consent I put tar or something of that sort into the spirit, in order to make it nauseous. And in this way I actually succeeded in making him an almost total abstainer. Such a thing had never been known in Munich."—August Forel in *OUT OF MY LIFE AND WORK* (Norton).

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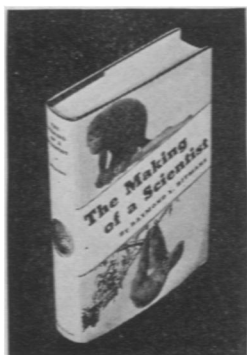
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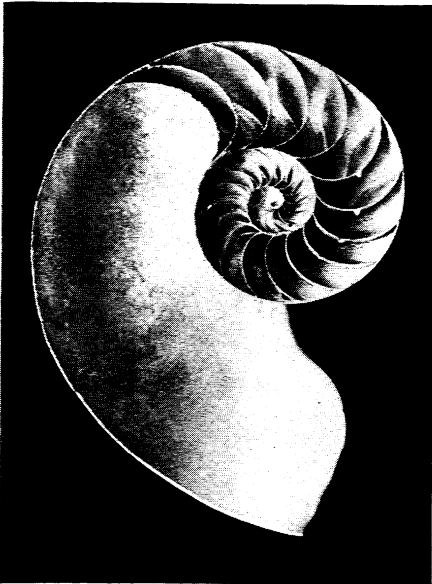
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