ON SCIENCE NEW BOOKS

Science News Letter presents a comprehensive list of scientific books published or to be published between January 1 and June 30, 1939. All information is believed to be correct but is not guaranteed. Prices are listed where known. Prices marked * are tentative.

Aeronautics

ABC OF AVIATION, Rev. and enl.-V. W. Page —Henley, \$1.50. IR WAR—W. O. D. Pearce—Modern Age

Air War-Books, 50 c.

THE AIRCRAFT CALENDAR-Eric Sargent, ed. Appleton, \$2.50.

AIRCRAFT DRAFTING MANUAL — James G.

Thompson—Aviation Press, \$4*.

AIRCRAFT Engines—D. J. Brimm, Jr., and H. E. Boggess—Pitman, \$2.50*.

AIRPLANE DESIGN MANUAL—F. K. Teich-

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Airplane Maintenance—D. J. Brimm, Jr., and H. E. Boggess-Pitman, \$2.50*. THE BLUE BOOK OF PILOTING—John S. Kor-

dek-Ocean, \$3.50.

DICCIONARIO DE AERONAUTICA, Espanol-Engles, Engles-Espanol — Con Sus Definiciones — C. Thomas Reid—Aviation Press, \$3.

ELEMENTS OF PRACTICAL AERODYNAMICS, 2nd ed.—Bradley Jones—Wiley.
HEAD WIND: The Story of Robert Loraine—

Winifred Loraine—Morrow, \$3.50. LIGHTPLANE FLYING—W. Langewiesche—Pit-

man, \$2.50*.

PROCEDURE HANDBOOK FOR AIRCRAFT STRESS ANALYSIS-Willis L. Nye-Aviation Press,

THE STORY OF AIRCRAFT, 2nd ed.—Chelsea Fraser—Crowell, \$2.50.

Archaeology and Anthropology

ANCIENT ANDEAN LIFE-Edgar L. Hewett-Bobbs, \$4.

CULTURAL AND NATURAL AREAS OF NATIVE North America—A. L. Kroeber—U. Calif., \$3.50.

CULTURE CONTACTS ON THE KANSU-TIBETAN BORDER-Robert B. Ekvall-U. Chicago,

CYLINDER SEALS: A Documentary Essay on the Art and Religion of the Ancient Near East— H. Frankfort-Macmillan, \$14.

THE DISCOVERY OF MAN-Stanley Casson

—Simon & Schuster, \$3.75.
EARLY EMPIRES OF CENTRAL ASIA—William M. McGovern-U. N. Car., \$4.

EARLY POTTERY OF THE JEBELEH REGION-Ann Marie Hoskin Ehrich—Amer. Philoso-sophical Soc. and U. Penn., \$2.50.

THE EXCAVATION OF MEDINET HABU. II.
THE TEMPLES OF THE EIGHTEENTH DY-

NASTY (Oriental Inst. Pubs., Vol. XLI)— Uvo Hölscher—U. Chicago, \$22.

FIGURINES FROM SELEUCIA ON THE TIGRIS-Wilhelmina van Ingen—U. Mich., \$5. 5,000 YEARS AGO—Ralph V. D. Magoffin—

Hale, \$2.75.

GLORIES OF THE MAYA — Thomas Gann— Scribner, \$7.50*. Gypsies: Their Life and Their Customs—Mar-

tin Block-Appleton, \$3.50.

HANDBOOK OF AMERICAN INDIAN LANGUAGES, Part 3—Franz Boas, ed.—Augustin.
HISTORY OF ANCIENT CIVILIZATION, 2 vols.
—Albert A. Trever—Harcourt, Vol. 1 \$4.50, Vol. 2 \$5.50, set \$10.

HUNTER OF THE CAVERNS-Harold O. Whitnall-Crowell, \$1.50.

THE ICONOGRAPHY OF TIBETAN LAMAISM-Antoinette K. Gordon-Columbia, \$16.

INDIAN OASIS-Janette Woodruff (as told to Cecil Dryden) - Caxton, \$3.

KHORSABAD. II. THE CITADEL AND THE TOWN (Oriental Inst. Pubs., Vol. XL)—Gordon Loud and Charles B. Altman—U. Chicago,

THE KURRAH PAPYRI FROM APHRODITO IN THE ORIENTAL INSTITUTE (Studies in Ancient Oriental Civilization, 15)—Nabia Abbott—U. Chicago, \$1.50.

THE LAST OF THE SERIS-Dane and Mary E. B. R. S. Coolidge—Dutton, \$2.50.
Megiddo: Strata 1-5—Robert S. Lamon and Geoffrey M. Shipton—U. Chicago, \$20.

THE MENOMINI INDIANS OF WISCONSIN Felix M. Keesing—Amer. Philosophical Soc. and U. Penn. \$2.50.

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POPULATION, RACE AND EUGENICS—Morris Siegel—Pub. by author, \$3.

PRACTICAL ANTHROPOMETRY—Ales Hrdlicka— Wistar, \$3.50.

PREHISTORIC MACEDONIA—W. A. Heurtley— Cambridge (Macmillan), \$20*.

PREHISTORIC SURVEY OF EGYPT AND WEST-ERN ASIA. IV. PALEOLITHIC MAN AND THE NILE VALLEY IN LOWER EGYPT, WITH SOME Notes Upon a Part of the Red Sea LITTORAL. A STUDY OF THE REGIONS DUR-ING PLIOCENE AND PLEISTOCENE TIMES (Oriental Inst. Pubs., Vol. XLVI)—K. S. Sandford and W. J. Arkell—U. Chicago, \$8.

The Prehistory of Uganda Protectorate -T. P. O'Brien—Cambridge (Macmillan), \$7.50*.

PUEBLO INDIAN RELIGION, 2 vols.—Elsie Clews Parsons-U. Chicago, \$7.

RACE AGAINST MAN—Herbert J. Seligmann— Putnam, \$2.75.

THE RACES OF EUROPE - Carleton Stevens Coon-Macmillan, \$5.75*.

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So Live the Works of Men (Seventieth Anniversary Volume Honoring Edgar Lee Hewett)—Donald D. Brand and Fred E. Harvey, eds.—U. N. Mex., \$10.

THE SWAZI-Brian Allen Marwick-Cambridge (Macmillan), \$6*.

RELIGION IN PRIMITIVE SOCIETY-W. D. Wallis-Crofts.

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ASTRONOMY-Wm. T. Skilling and R. S. Richardson-Holt.

THE BRUCE PROPER MOTION SURVEY: I, First Report; II, A Catalogue of 2,350 Variable Stars Found with the Blink Microscope-W. J. Luyten-U. Minn., 50 c. ea.

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PLANETS, STARS AND ATOMS-George E. Frost -Caxton, \$3.

THE STORY OF ASTRONOMY—Arthur Draper and Marian Lockwood-Dial, \$3.

SUNDIALS: How to Know, Use, and Make Them-R. Newton and Margaret L. Mayall --Hale, \$2.

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BIOLOGY FOR PHARMACEUTICAL STUDENTS-Maughan and Bockley-Williams & Wilkins, \$6.50.

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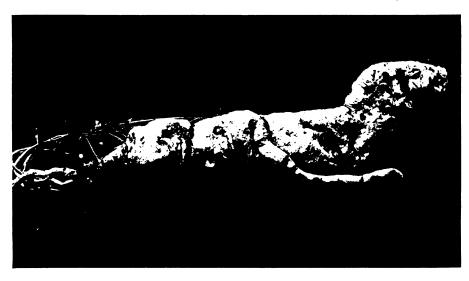
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THE AUTH

MEDICINE

Major Scourge

• "Malaria is one of the most important diseases of man. Only a few years ago Manson remarked that malaria causes more deaths, and more predisposition to death by inducing cachectic states predisposing to other affections, than all the parasites affecting mankind together. Another great scientist, Osler, referred to malaria as the greatest single destroyer of the human race. Today, with all the accumulated information as to its etiology, treatment and prevention, malaria remains a major scourge, exceeding all other diseases in reducing the vitality, and in impeding the industrial development and political progress of the inhabitants of many tropical and subtropical countries." — James Stevens Simmons and others in Malaria in PANAMA (Johns Hopkins Press).

Science News Letter, April 22, 1939

Want To Reduce?

"The variations of gravity at different places on the earth's surface are so small that they are neglected in ordinary affairs; but if one could go to the moon, his weight would be about onesixth that on the earth. A bantam athlete weighing 100 lb. here would weigh only 15 lb. on the moon, and he could do a high jump of 36 ft. On the sun he would weigh more than a ton; on the planet Jupiter, a paltry 260 lb. If our bantam athlete should visit the smallest asteroid (or small planet) yet discovered, he would be able to jump over a skyscraper with the greatest of ease!"-Oswald H. Blackwood in Introductory College Physics (Wiley).

Science News Letter, April 22, 1939

ENGINEERING

Not Practical

• "Powers of nature such as solar heat and the energy of the tides have been explored, but they require large outlay for plant, they are necessarily restricted as to area, and are intermittent in action, so that they could not become more than ancillary to, say, a grid system. The production of electrical energy from light by the selenium cell is still further in the background and suffers from the same drawbacks. The pro-



posal to get heat from the interior of the earth, to details of which Sir Charles Parsons gave close attention in 1904, has hardly been pushed far enough for an opinion to be formed as to its practicability. As long as our fossil fuel lasts, these latter expedients will not engage concentrated attention, but when the fuel is gone they will come again to the front."—H. W. Dickinson in A Short HISTORY OF THE STEAM ENGINE. Cambridge (Macmillan).

Science News Letter, April 22, 1939

BIOLOGY

Seaside Life

 "While the visitor is puzzling over his first sea anemone, a score of crabs may scurry away at his footfall or may rear up and offer battle in defense of life and liberty. When he turns to watch the crabs he may see a bed of urchins, their bristling spines half concealed by bits of seaweed and shell. He may stoop to pick up a snail, only to have the creature roll from the rock at the approach of his hand, tumble into a pool, and scramble away at a very unsnaillike pace. He hears scraping sounds and clicks and bubblings, perhaps sharp cracks like tiny pistol shots. Jets of water shoot up. Everywhere there is color, life, movement."-Édwards F. Ricketts and Jack Calvin in Between Pacific Tides (Stanford).
Science News Letter, April 22, 1939

HEREDITY

Improving Humans

• "No radical change in the genetic make-up of human beings can be expected for a long, long time. Nor are we justified, with what little we now know about our genes and their workings, and with our uncertain and short-sighted viewpoint, to plan any drastic change. We can and should try to root out the most serious of the 'black' genes which do not appear to have a single point in their favor; we can and should restrain reproduction of individuals who at any stage of civilization would be considered undesirable; and we can and should encourage propagation among all peoples, who by every broad rule of human existence can be considered fit and desirable."—Amram Scheinfeld in You AND Heredity (Stokes).

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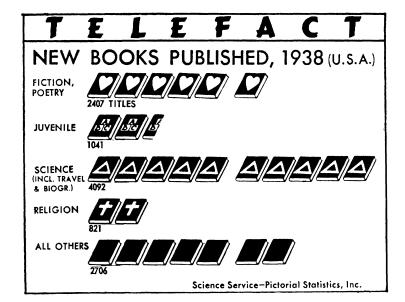
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