

Books of the Week

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BUYING SWEATERS FOR THE FAMILY—Shirley Johnstone—*U. S. Department of Agriculture, Home and Garden Bulletin No. 16*, 16 p., illus., paper, free upon request to publisher, Office of Information, Washington 25, D. C. Tells you what to look for and what to beware of in buying a sweater.

CARNEGIE INSTITUTION OF WASHINGTON YEAR BOOK No. 50—*Carnegie Institution of Washington*, 260 p., illus., paper, \$1.00, cloth \$1.50. Reports of the many scientific researches conducted during the year ending June 30, 1951.

CHANGING ATTITUDES THROUGH SOCIAL CONTACT: An Experimental Study of a Housing Project—Leon Festinger and Harold H. Kelley—*Institute for Social Research, (University of Michigan Press)* 83 p., paper, \$1.50. Showing how the attitudes of neighbors toward each other is altered by community activities in which the group has a common interest.

THE COOPERATIVE MOVEMENT AND SOME OF ITS PROBLEMS—Paul Hubert Casselman—*Philosophical Library*, 178 p., \$3.00. A Canadian labor economist writes on consumers' cooperation.

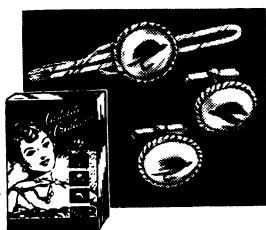
ELEMENTS OF THERMODYNAMICS AND STATISTICAL MECHANICS—E. O. Hercules—*Melbourne University Press (Cambridge University Press)*, 153 p., illus., \$3.75. A concise text for physics majors.

AN EXPERIMENT IN ARCHITECTURAL EDUCATION THROUGH RESEARCH—Gordon McCutchan and William W. Caudill—*Texas Engineering Experiment Station*, 64 p., illus., paper, free upon request to publisher, Texas A. and M. College System, College Station, Texas. Describing an experiment in which students were allowed to think out new solutions to problems and to experiment with various possible solutions.

FOOD AND NUTRITION—E. W. H. Cruickshank—*Williams & Wilkins*, 2d ed., 443 p., illus., \$6.50. Revised and brought up to date in this second edition.

Snappy Fish Fly Tie Clasp with Matching Cuff Links

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MANOMETRIC METHODS AS APPLIED TO THE MEASUREMENT OF CELL RESPIRATION AND OTHER PROCESSES—Malcolm Dixon—*Cambridge University Press*, 3d ed., 167 p., illus., \$2.00. A laboratory handbook useful to workers without special physico-chemical knowledge.

NERVOUS DISORDERS AND RELIGION: A Study of Souls in the Making—John G. McKenzie—*Allen and Unwin*, 183 p., \$2.25. Lectures delivered at Manchester College, Oxford, by a psychologist from Scotland.

ONE LITTLE BOY—Dorothy W. Baruch—*Julian Press*, 242 p., \$3.50. Relating the intimate happenings in psychotherapeutic sessions with a child whose unhappiness had its outlet in asthma. They are a guide to parents in dealing with the needs of normal children.

THE OTHER CHILD: The Brain-Injured Child—Richard S. Lewis, Alfred A. Strauss and Laura E. Lehtinen—*Grune & Stratton*, 108 p., illus., \$2.50. A writer who is the father of a brain-injured child joins two specialists in presenting to parents this little book on how to care for their little one who is so different from all normal children.

POPULATION GROWTH IN MALAYA: An Analysis of Recent Trends—T. E. Smith—*Royal Institute of International Affairs*, 126 p., \$3.00. A study of wider relevance than Malaya because the major populations are Malaysians and Chinese and findings in Malaya may be an indication of population prospects of these people elsewhere.

POSTURE AND PAIN—Henry O. Kendall, Florence P. Kendall and Dorothy A. Boynton—*Williams & Wilkins*, 204 p., illus., \$7.00. Describing and illustrating postural faults associated with disabling and painful conditions and offering therapeutic procedures to remedy them.

PROFILE OF SCIENCE—Ritchie Calder—*Allen and Unwin*, 326 p., \$3.75. A British science writer tells the stories of four great modern discoveries as biographies of the men connected with them.

PROSPECTING FOR URANIUM—U. S. Atomic Energy Commission and the U. S. Geological Survey—*Govt. Printing Office*, rev. ed., 128 p., illus., paper, 45 cents. In case you plan to spend your summer vacation seeking your fortune by hunting uranium, here are valuable suggestions and data.

PROTECTION AND ELECTRODEPOSITION OF METALS—Department of Scientific and Industrial Research—*HMSO*, 350 p., illus., \$6.75. Reports of research carried on during the war by the Ministry of Supply and the Ministry of Aircraft Production and now made public for the first time.

SCIENCE AND HUMANISM: Physics in Our Time—Erwin Schrodinger—*Cambridge University Press*, 67 p., \$1.75. This outstanding physicist examines the question, "What is the value of scientific research?"

SCIENCE SERVING THE FINE ARTS—Robert L. Feller—*Mellon Institute*, 4 p., illus., paper, free upon request to publisher, 4400 Fifth

Ave., Pittsburgh 13, Pa. What scientists can contribute in the way of providing the best materials for artistic purposes, preventing deterioration and detecting frauds.

SHEEP DISEASES—I. E. Newson—*William & Wilkins*, 352 p., illus., \$7.00. In the past ten years, the number of sheep has dropped in practically all countries; in the United States as much as 25 per cent. Principal cause is disease.

SOCIAL EVOLUTION—V. Gordon Childe—*Schuman*, 184 p., \$3.00. A search for the evidence in the archaeological remains of ancient peoples for an orderly series of steps in the cultural practices of man on his way toward civilization.

SOIL DEVELOPMENT—Edward H. Faulkner—*University of Oklahoma Press*, 232 p., \$3.00. Describing the author's experiments in building his soil as he grows his crops without plowing and without fertilizer.

SOURCES OF LIGHTWEIGHT AGGREGATES IN COLORADO—Alfred L. Bush—*Colorado Scientific Society*, 365 p., illus., paper, \$1.50. Recently developed needs for lighter weight concrete prompted this study of sources of materials.

SUMMER AND AUTUMN FLOWERS—Constance Spry—*Studio*, 116 p., illus., \$5.00. A beautifully illustrated book on flower arrangements.

THOMAS JEFFERSON: SCIENTIST—Edwin T. Martin—*Schuman*, 289 p., illus., \$4.00. Jefferson, best known as a statesman, found time in his busy life to contribute importantly to a number of branches of science which he termed "my supreme delight."

TODAY'S SCIENCE AND YOU—Lynn Poole—*McGraw-Hill*, 208 p., illus., \$2.75. Highlights of the programs on the Johns Hopkins Science Review television show.

Science News Letter, March 22, 1952

INVENTION

Weather Instrument Tells Local Conditions

► A METEOROLOGICAL indicator for predicting local weather conditions won patent number 2,587,946 for Louvan E. Wood, Baltimore. He assigned his patent to the Bendix Aviation Corp. The device combines barometric pressure readings with specific humidity measurements.

Science News Letter, March 22, 1952

The Heavens Are Telling

THE STORY OF THE SKY, BY URANA CLARKE

A treasure house of easy-to-understand information for parents, their inquisitive children, and beginning astronomers. Simply and accurately this profusely illustrated book explains in non-technical terms the great mysteries of the heavens. Enlightening chapters on sun, moon, eclipses, planets, comets, meteors, constellations, time, tide, weather. Brief biographies of early astronomers. Sky charts and directions for a study of the sky every season of the year.

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MEDICINE

Hint Cancer Due to Emotional Upsets

► A HINT that one kind of cancer in women may be due to emotional upsets appeared in reports to the Second National Cancer Conference in Cincinnati.

The kind of cancer is one doctors refer to as "carcinoma in situ" or "preinvasive cancer" of the cervix or neck of the womb.

Nuns almost never have this kind of cancer although they do have cancers of other organs of the body, Dr. Fabien Gagnon of Laval University, Quebec City, Canada, reported. In one group of over 3,000 nuns studied over a period of 20 years, Dr. Gagnon found 130 cancers of other organs but none attacking the cervix.

But nuns apparently are not subject to the emotional upsets and consequent variety of disorders of body functions that affect other women in our civilization, Dr. H. F. Nieburgs of the Medical College of Georgia at Augusta, Ga., pointed out.

Carcinoma in situ is about six times as common in women in a mental institution as in women in the general population, Dr. Nieburgs has found. A routine screening of women prisoners showed about four times as much carcinoma in situ as in the general population.

While his studies are "far from being concluded," Dr. Nieburgs raised the question of the relation between emotional upsets and this kind of cancer.

Dr. Gagnon's opinion is that the lack of cancer of the cervix among nuns shows "very clearly" that chronic inflammation of the cervix is a basic cause for this kind of cancer. Nuns, he pointed out, are protected more even than unmarried women in the general population may be from conditions that could cause irritation and chronic inflammation of the neck of the womb.

If chronic inflammation of the cervix is a basic cause for cancer of the cervix, systematic treatment and cure of the inflammation, Dr. Gagnon pointed out, "is the most efficient protection against cancer of the cervix."

Science News Letter, March 22, 1952

YOUR HAIR

Its Health, Beauty and Growth
By Herman Goodman, M.D.

A medical specialist tells you what to do to save and beautify your hair, stimulate healthier hair growth, and deal with many problems, as: Dandruff—gray hair—thinning hair—care of the scalp—baldness—abnormal types of hair—excessive oiliness—brittle dryness—hair falling out—infection—parasites—hair hygiene—glands—diet—hair coloring—and myriad other subjects concerning hair.

"Discusses the many problems of hair retention, re-growth and removal."—Science News Letter.

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Will you retire young enough to enjoy it?

Because there are still many places where you can stretch your dollars and live comfortably and leisurely, you can take life easy a lot sooner than you think, perhaps even right now. Whether your hobby is fishing, hunting, boating, gardening, or just plain loafing, I can help you find the ideal place to retire. And once you retire and start living the kind of life you always wanted to, the chances are you will enjoy better health, need visit the doctor less often, and live longer.

So I say to you that you don't have to be old or rich to retire. You can retire now if only you know where to retire. And I've made it my business to tell people just where they can retire now.

A retirement counselor known to millions through his coast to coast radio broadcasts, Mr. Ford constantly answers hundreds of letters like these from people who come to him for personal advice.

Where can I find a clean, friendly city with a climate that's mild and it's sunny the year around? My doctor says I must live at sea level. I like to play cards, grow flowers, fish. I must have reasonable living costs to go with this including a new 2-bedroom retirement home for less than \$700 down.

I want to buy a small retirement home in the country where I can sit by a log fire during the winter and experience that cosy feeling you can only know when there's a lot of snow outside. I can only pay \$3,500 for the 2-bedroom home I want. Where can I find my dream home?

Is it really true that you can buy a farm for only \$2,500? Where?

I'd like to open a filling station as a retirement business in a small Colorado community with good fishing nearby. Rents must be low. Where do you suggest?

I am always catching chills and colds and would like to retire in a warm, sunny state like California

Don't let inflation ruin your plans to retire

"Right now, as a result of reading your book," writes N. Humphreys from his small and attractive home on the west coast of Florida, "I am enjoying a wonderful retirement down here on just \$2 a day." Inflation has not stopped him from taking life easy.

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or Florida, but I want to be near my daughter who lives in San Antonio, Texas. Can you help me?

Is it possible to buy a rural 5-room cottage on an acre of ground near the southern Gulf Coast of Florida for \$3,000?

I have always wanted to retire on the scenic coast of Oregon but do not want to live more than 100 miles from a large city like Portland. I have \$2,000 to put down on a small home? Can I do it, and if so, where?

Could you suggest a quiet, modest, and inexpensive sea-coast town with a good beach and fishing where I could retire within 100 miles of New York City?

Like the men and women who wrote these letters to Norman D. Ford, perhaps you want to retire but have no idea how to go about it or where to get information. If you consulted Mr. Ford in his office or by letter you'd spend \$25 to get his advice. But he has put all the facts that answer these typical questions and hundreds more besides in a wonderful book, "WHERE TO RETIRE ON A SMALL INCOME."

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