

SCIENCE

29 March 1957

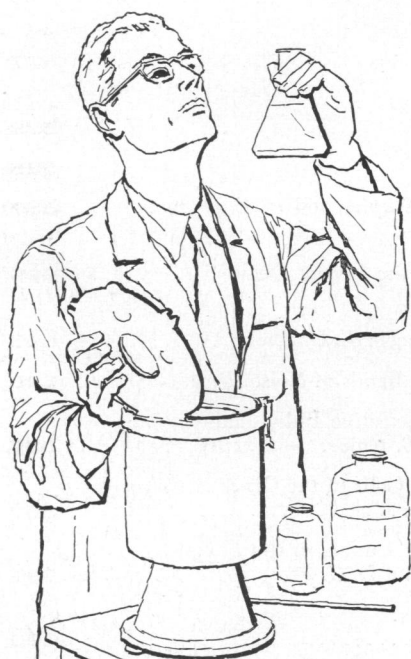
Volume 125, Number 3248

Editorial	Have Magic Screen, Will Travel	577
Articles	Russian Translation: <i>R. E. O'Dette</i>	579
	Penalty of Isolationism: <i>S. A. Waksman</i>	585
	Similarity of Albomycin and Grisein: <i>E. O. Stapley</i> and <i>R. E. Ormond</i>	587
News of Science	News Articles and Briefs; Scientists in the News; Recent Deaths	590
Reports	Biological Equilibrium and the Origin of Cancer: <i>L. C. Strong</i>	595
	Auditory and Aversion Thresholds of Rats for Bands of Noise: <i>B. A. Campbell</i>	596
	Antibodylike Factor in Serums of Ragweed-Sensitive Individuals Shown <i>in vitro</i> : <i>A. H. Sehon, J. Gordon, B. Rose</i>	597
	Formation of Lentoids by Dissociated Retinal Cells of the Chick Embryo: <i>A. Moscona</i>	598
	Thermoperiods and Production of Apothecial Initials in the Fungus <i>Sclerotinia trifoliorum</i> : <i>T. Sproston, Jr., and D. C. Pease, Jr.</i>	599
	Dissociation of Human Serum Macroglobulins: <i>H. F. Deutsch and J. I. Morton</i>	600
	Effects of Zinc and Amino Acid on Cell Division in <i>Ustilago</i> : <i>E. Spoerl, A. Sarachek, N. Puckett</i>	601
	Influence of Gibberellins on Stem Elongation and Flowering of Endive: <i>J. F. Harrington, L. Rappaport, K. J. Hood</i>	601
	Preparation of Tritiated 7,12-Dimethylbenz(a)anthracene: <i>G. R. Clements and W. T. Hill</i>	603
	Suppression of Radiation Interference in Flame Photometry by Protective Chelation: <i>J. D. Wirtschafter</i>	603
	Evaluation of Chloroform Activation of Human Plasminogen: <i>W. Baumgarten et al.</i>	604
Book Reviews	<i>Chemical Engineering Practice; Wire Brush Surgery; Population Genetics: the Nature and Causes of Genetic Variability in Populations; The Future of Arid Lands</i> ; Books Reviewed in <i>The Scientific Monthly</i> , April; New Books; Miscellaneous Publications	605
Meetings and Societies	Physics Teachers; Meeting Notes; Forthcoming Events	608
	Letters	613
	Equipment News	615

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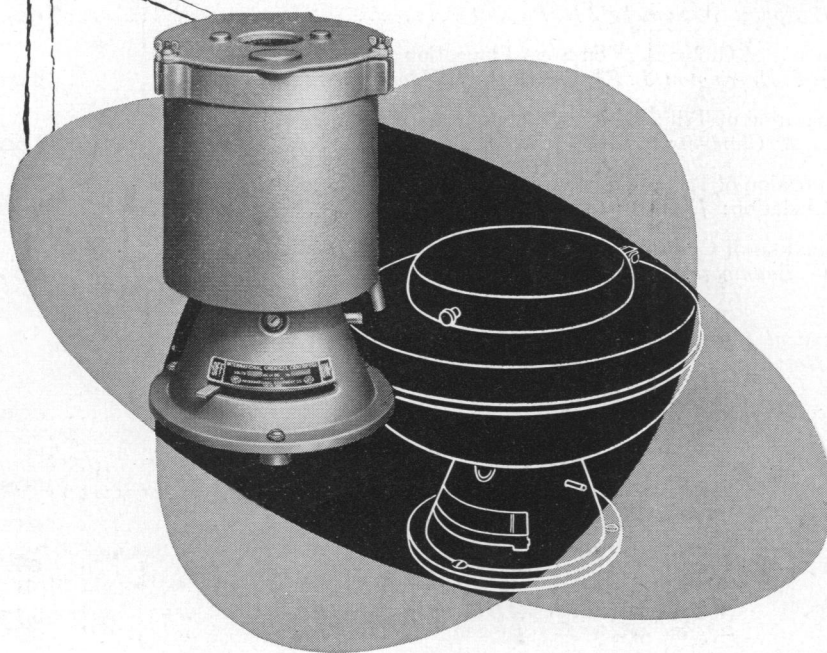
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SCIENCE, VOL. 125

ing our ability to modify plant and animal strains to make them better adapted to desert conditions. Thus, there is, in some fields, room for a great deal of effective work.

The collection of conference papers is a welcome contribution to efforts to educate people in the problems of our use of the arid lands. For those who must deal with the vexing problems of arid-land administration, it can provide no solace beyond that found in the old saying that "misery loves company." Nevertheless, this conference has taken a look at many important considerations, which could be pursued.

For example, should we try to enforce the same social, economic, and political framework in the arid-land regions as has been developed naturally in areas of greater climatic stability? If we do not do so, what pattern should the new framework take? Would the different patterns in arid- and humid-land areas be compatible?

Another line of fruitful inquiry would be, how do we deal with the people involved. This appears to be the crux of the matter. Which has the greatest influence on the erosion problem—a knowledge of whether a drouth has a 5-year or a 10-year recurrence interval or existence of a society that measures its wealth in numbers of cattle, irrespective of quality or salability? What is the minimum standard of living to be expected in desert areas, and what happens when the standard of living of adjacent areas is raised?

All of these were barely touched at the Socorro conference. It would seem that something along these lines might well be the subject of discussion at the next conference.

THOMAS MADDOCK, JR.
U.S. Bureau of Reclamation

Books Reviewed in

The Scientific Monthly, April

A Life of Sir William Ramsay, M. W. Travers (Arnold). Reviewed by R. Multhauf.

Science and Civilisation in China, J. Needham (Cambridge Univ. Press). Reviewed by W. C. Boyd.

Biological Treatment of Sewage and Industrial Wastes, J. McCabe and W. W. Eckenfelder, Jr., Eds. (Reinhold). Reviewed by I. E. Wallen.

A Space Traveler's Guide to Mars, I. M. Levitt (Holt). Reviewed by R. Fleischer.

The Old Stone Age, M. C. Burkitt (New York Univ. Press). Reviewed by R. F. Herzfeld.

The World of Mathematics, J. R. Newman (Simon and Schuster). Reviewed by H. W. Syer.

The Earth We Live On, R. Moore (Knopf). Reviewed by J. Kaikow.

On Freedom and Free Enterprise, M. Sennholz, Ed. (Van Nostrand). Reviewed by A. E. Burns.

New Books

Canon Photography. A working manual of 35 mm photography with the Canon V and IVS2. Jacob Deschin. Camera Craft, San Francisco; Fountain Press, London, 1957. 192 pp. \$5.95.

Intelligence in the United States. A survey—with conclusions for manpower utilization in education and employment. John B. Miner. Springer, New York, 1957. 180 pp. \$4.25.

The Importance of Overweight. Hilde Bruch. Norton, New York, 1957. 438 pp. \$5.95.

Integration. Edward J. McShane. Princeton University Press, Princeton, N.J., reprint, 1944. 394 pp. Paper, \$2.95.

Quelques Problèmes de Chimie Minérale. Rapports et discussions publiés par les Secrétaires du Conseil sous les auspices du Comité Scientifique de l'Institut. Institut International de Chimie Solvay. R. Stoops, 76-78 Coudenberg, Bruxelles, 1956. 544 pp. Paper, F. 590; Cloth, F. 675.

Logic without Metaphysics. And other essays in the philosophy of science. Ernest Nagel. Free Press, Glencoe, Ill., 1956. 433 pp. \$6.

A Natural Science of Society. A. R. Radcliffe-Brown. Free Press, Glencoe, Ill. 1957. 156 pp. \$3.50.

The Calculation of Atomic Structures. Based on lectures given under the auspices of the William Pyle Fund of Haverford College, 1955. Douglas R. Hartree. Wiley, New York; Chapman & Hall, London, 1957. 181 pp. \$5.

The Criminal, the Judge, and the Public. A psychological analysis. Franz Alexander and Hugo Staub. New chapters by Franz Alexander. Original edition translated by Gregory Zilboorg. Free Press, Glencoe, Ill. rev. ed., 1956. 239 pp. \$4.

Advances in Geophysics. vol. 3. H. E. Landsberg, Ed. Academic Press, New York, 1956. 378 pp. \$8.80.

Archaeology and Its Problems. Sigfried J. De Laet. Translated by Ruth Daniel. Macmillan, New York, 1957. 136 pp. \$4.50.

Bones for the Archaeologist. I. W. Cornwall. Macmillan, New York, 1956. 255 pp. \$10.

International Code of Botanical Nomenclature Adopted by the Eighth International Botanical Congress, Paris, July 1954. J. Lanjouw, chairman of editorial committee. International Bureau for Plant Taxonomy and Nomenclature of the International Association for Plant Taxonomy, Utrecht, Netherlands, 1956. 388 pp.

Aerodynamic Components of Aircraft at High Speeds. vol. VII, *High Speed Aerodynamics and Jet Propulsion*. A. F. Donovan and H. R. Lawrence. Princeton University Press, Princeton, N.J., 1957. 845 pp. \$17.50.

Introduction to the Geometry of Complex Numbers. Roland Deaux. Translated by Howard Eves. Ungar, New York, 1956. 208 pp. \$6.50.

Anleitung Zum Praktischen Gebrauch der Laplace-Transformation. Gustav Doetsch. Oldenbourg, München, Germany, 1956. 198 pp. DM. 22.

Scientific Inference. Harold Jeffreys. Cambridge University Press, New York, ed. 2., 1957. 236 pp. \$4.75.

Theory of Lie Groups. I. Claude Chevalley. Princeton University Press, Princeton, N.J., 1946. 213 pp. Paper, \$2.75.

Introducing Astronomy. J. B. Sidgwick. Macmillan, New York, 1957. 259 pp. \$3.50.

The Physiology of Nerve Cells. John C. Eccles. Johns Hopkins Press, Baltimore, 1957. 270 pp. \$5.75.

Demographic Analysis. Selected readings. Joseph J. Spengler and Otis D. Duncan. Free Press, Glencoe, Ill., 1956. 819 pp. \$9.50.

The Dentition of the Australopithecinae. Transvaal Museum Memoir No. 9. J. T. Robinson, Transvaal Museum, Pretoria, S.A., 1956. 179 pp.

Miscellaneous Publications

(Inquiries concerning these publications should be addressed, not to Science, but to the publisher or agency sponsoring the publication.)

Report of the Explosion at the Metallurgical Laboratory of Sylvania Electric Products, Inc. on 2 July 1956. Submitted to Governor Averell Harriman by the Council on the Use of Nuclear Materials. State of New York, Albany, N.Y., 1957. 50 pp.

A Reconnaissance of the Ceramic and Refractory Clays of Western Australia. Div. of Industrial Chemistry Tech. Paper No. 2. R. W. Cox, A. C. Frostick, W. G. Garrett, W. O. Williamson. Commonwealth Scientific and Industrial Research Organization, Melbourne, Australia, 1956. 92 pp.

Genetic Studies with Bacteria. Publ. 612. M. Demerec et al. Carnegie Institution of Washington, Washington, 1956. 136 pp. \$1.

Contributions on Partially Balanced Incomplete Block Designs with Two Associate Classes. NBS Applied Mathematics Ser. No. 47. Willard H. Clatworthy. National Bureau of Standards, Washington 25, 1956 (order from Supt. of Documents, GPO, Washington 25). 69 pp. \$0.45.

Office Noise Studies at Hill Air Force Base. WADC Tech. Note 56-58. ASTIA Document No. AD 110645. Leo L. Beranek et al. 1956. 64 pp. *A Compilation of Turbojet Noise Data*. WADC Tech. Rept. 54-401. Norman Doelling, Derwent M. A. Mercer, et al. 1957. 126 pp. Wright Air Development Center, Air Research and Development Command, United States Air Force, Wright-Patterson Air Force Base, Ohio (order from ASTIA Document Service, Knott Building, Dayton 2, Ohio).

Central Laboratories for Scientific and Industrial Research, Hyderabad. Annual report. The Laboratory, Hyderabad, India, 1956. 80 pp.