

Appleton-Century-Crofts (Meredith), New York, 1966. 877 pp. Illus. \$12. Century Psychology Series, edited by Richard M. Elliott, Gardner Lindzey, and Kenneth MacCorquodale. Nineteen papers.

**Pattern Recognition: Theory, Experiment, Computer Simulations, and Dynamic Models of Form Perception and Discovery.** Leonard Uhr, Ed. Wiley, New York, 1966. 405 pp. Illus. Paper, \$5.95. Twenty-two papers on the following topics: Conceptual Framework: The Psychology and Philosophy of Perception and Discovery (4 papers); Empirical Background, Summaries, Reviews, and Integrations of Experimental Findings (4 papers); Theoretical Developments (4 papers); Experimental Results from Neurophysiology and Psychology that are Pertinent to Model Building (4 papers); and Computer Simulations of Complex Models (6 papers).

**Poverty Amid Affluence.** A report on a research project carried out at the New School for Social Research. Oscar Ornati. Twentieth Century Fund, New York, 1966. 224 pp. Illus. Paper, \$3.25.

**Progress in Experimental Personality Research.** vol. 2. Brendan A. Maher, Ed. Academic Press, New York, 1965. 341 pp. Illus. \$9.50. Six papers: "Research in the personal construct theory of George A. Kelly: Role construct repertory test and basic theory" by J. C. J. Bonarius; "Cognitive complexity and impression formation" by Walter H. Crockett; "An interpersonal approach to personality" by Paul F. Secord and Carl W. Backman; "Personality and audience influence" by Allan Paivio; "The study of ordinal position: Antecedents and outcomes" by Edward E. Sampson; and "Toward a theory of classical conditioning: Cognitive, emotional, and motor components of the conditional reflex" by Roscoe A. Dykman.

**Science and Economic Development: New Patterns of Living.** Richard L. Meier. M.I.T. Press, Cambridge, Mass., ed. 2, 1966. 295 pp. Illus. Paper, \$2.45.

**Social Change in Developing Areas.** A reinterpretation of evolutionary theory. Herbert R. Barringer, George I. Blanksten, and Raymond W. Mack, Eds. Schenkman, Cambridge, Mass., 1965. 334 pp. Paper, \$2.95; cloth, \$7.95. Twelve papers on the following topics: Theories of Social Evolution (3 papers); Studies of Political and Social Change (5 papers); and Economic Development, Technological Change, and Evolutionary Theory (4 papers).

**The Social System of Science.** Norman W. Storer. Holt, Rinehart, and Winston, New York, 1966. 192 pp. Illus. Paper, \$3.95.

**The Structure of Associations in Language and Thought.** James Deese. Johns Hopkins Press, Baltimore, 1966. 232 pp. Illus. \$6.50.

**Technological Change: Its Conception and Measurement.** Lester B. Lave. Prentice-Hall, Englewood Cliffs, N.J., 1966. 250 pp. Illus. \$6.95. Prentice-Hall Series in Mathematical Analysis of Social Behavior, edited by James S. Coleman and James March.

**A Textbook of Psychology.** Donald Olding Hebb. Saunders, Philadelphia, ed. 2, 1966. 369 pp. Illus. \$5.75.

**The Tropical World: Its Social and Economic Conditions and Its Future Status.** Pierre Gourou. Translated from the French edition by S. H. Beaver and E. D. Laborde. Wiley, New York, ed. 4, 1966. 208 pp. Illus. \$5.

**Ulithi: A Micronesian Design for Living.** William A. Lessa. Holt, Rinehart, and Winston, New York, 1966. 130 pp. Paper, \$1.75. Case Studies in Cultural Anthropology, edited by George Spindler and Louise Spindler.

**Unobtrusive Measures: Nonreactive Research in the Social Sciences.** Eugene J. Webb, Donald T. Campbell, Richard D. Schwartz, and Lee Sechrest. Rand McNally, Chicago, 1966. 239 pp. Paper, \$3.50. Rand McNally Sociology Series.

**Vyzkumné metody v sociologii: Teorie a praxe sociologických výzkumu.** Frantisek Kahuda. Státní Pedagogické Nakladatelství, Prague, 1965. 389 pp. Illus. Paper, CK. 17.30.

**Word Associations of Young Children.** Doris R. Entwisle. Johns Hopkins Press, Baltimore, 1966. 611 pp. Illus. \$12.50.

## Miscellaneous Publications

**The Annals of Applied Biology.** Index to volumes 1 to 50. Compiled by D. Akenhead. Cambridge Univ. Press, New York, 1965. 240 pp. 40s. Indexes arranged by author and by subject.

**Catalogue of Radioactive Products.** The Radiochemical Centre, Amersham, England, 1965. 203 pp.

**Digital Logic Laboratory Workbook.** Barbera W. Stephenson. Digital Equipment Corp., Maynard, Mass., 1965. 137 pp. Illus. Paper, \$5.

**Evolution of Physical Control of the Brain.** José M. R. Delgado. American Museum of Natural History, New York, 1965. 58 pp. James Arthur Lecture on the Evolution of the Human Brain.

**Glossary of Terms Frequently Used in Cosmology.** Harold H. Rogers, Ed. American Inst. of Physics, New York, 1966. 17 pp. Paper, \$1.

**InterDok.** vol. 1, No. 8, April 1966. InterDok Corp., White Plains, N.Y., 1966. By subscription, \$38 per year. A list of currently available published proceedings of conferences, meetings, symposia, and congresses. The following entries are typical: "June, 1964. Congress on Antibiotics: *Biogenesis of Antibiotic Substances*; Prague, Czechoslovakia. [Publisher] Czechoslovakia Academy of Sciences, Prague, Czechoslovakia. \$14." and "November, 1965. Nuclear Power, Seminar on; New York, N.Y. [Publisher] Atomic Industrial Forum, 850 Third Avenue, New York, N.Y. \$7.50."

**The Krater and the Grail: Hermetic Sources of the Parzival.** Henry Kahane and Renée Kahane. Univ. of Illinois Press, Urbana, 1965. 270 pp. Paper, \$6.50. Illinois Studies in Language and Literature, No. 56.

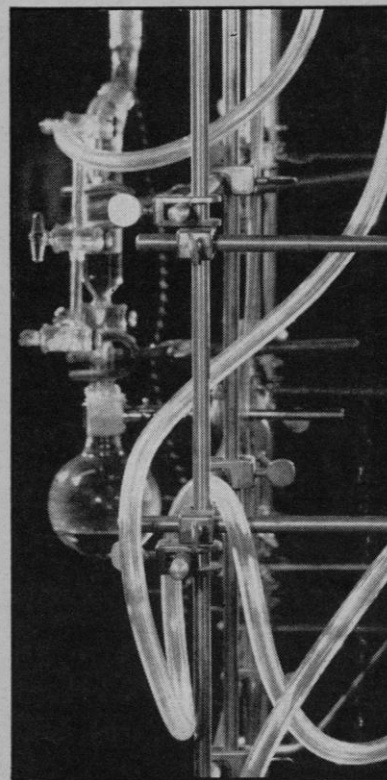
**Rainfall in Burma.** Robert E. Huke. Geography Publications, Dartmouth College, Hanover, N.H., 1965. 93 pp.

**Space Electronics.** S. H. Fairweather and J. E. Mortimer and others. Radio Corp. of America, Camden, N.J., 1965. 72 pp. Sixteen papers.

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ISI Quiz Number Two

# A SHORT QUIZ ON A SUBJECT OF INTEREST TO SCIENTISTS

**1** According to Lotka's Law, the most prolific 10% of the world's scientists produce

- a. 10% of the literature
- b. 50% of the literature
- c. 90% of the literature

**2** The scientific paper most frequently cited in 1965 was

- a. J. D. Watson and F. H. C. Crick, "Molecular Structure of Nucleic Acids—A Structure for Deoxyribose Nucleic Acid," *Nature*, 171, 737-738 (1953).
- b. C. Shannon, "The Mathematical Theory of Communication," *Bell System Technical Journal*, 27, 379-423, 623-656 (1948).
- c. O. H. Lowry et al., "Protein Measurement with the Folin Phenol Reagent," *Journal of Biological Chemistry*, 193, 265-275 (1951).

**3** What indexing system is a self-organizing system which continually integrates the newly reported literature with the old

- a. MEDLARS
- b. CC (Current Contents)
- c. UDC (Universal Decimal Classification)
- d. SCI (Science Citation Index)
- e. CA (Chemical Abstracts)

Answers: 1-b, 2-c, 3-d. Supporting data available upon request. Write Department 29-11.

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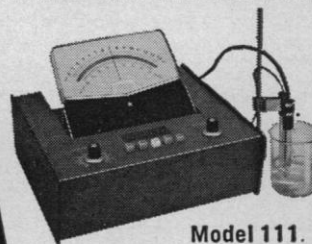
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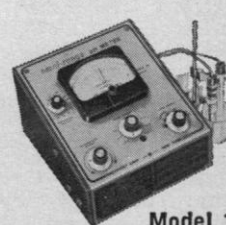
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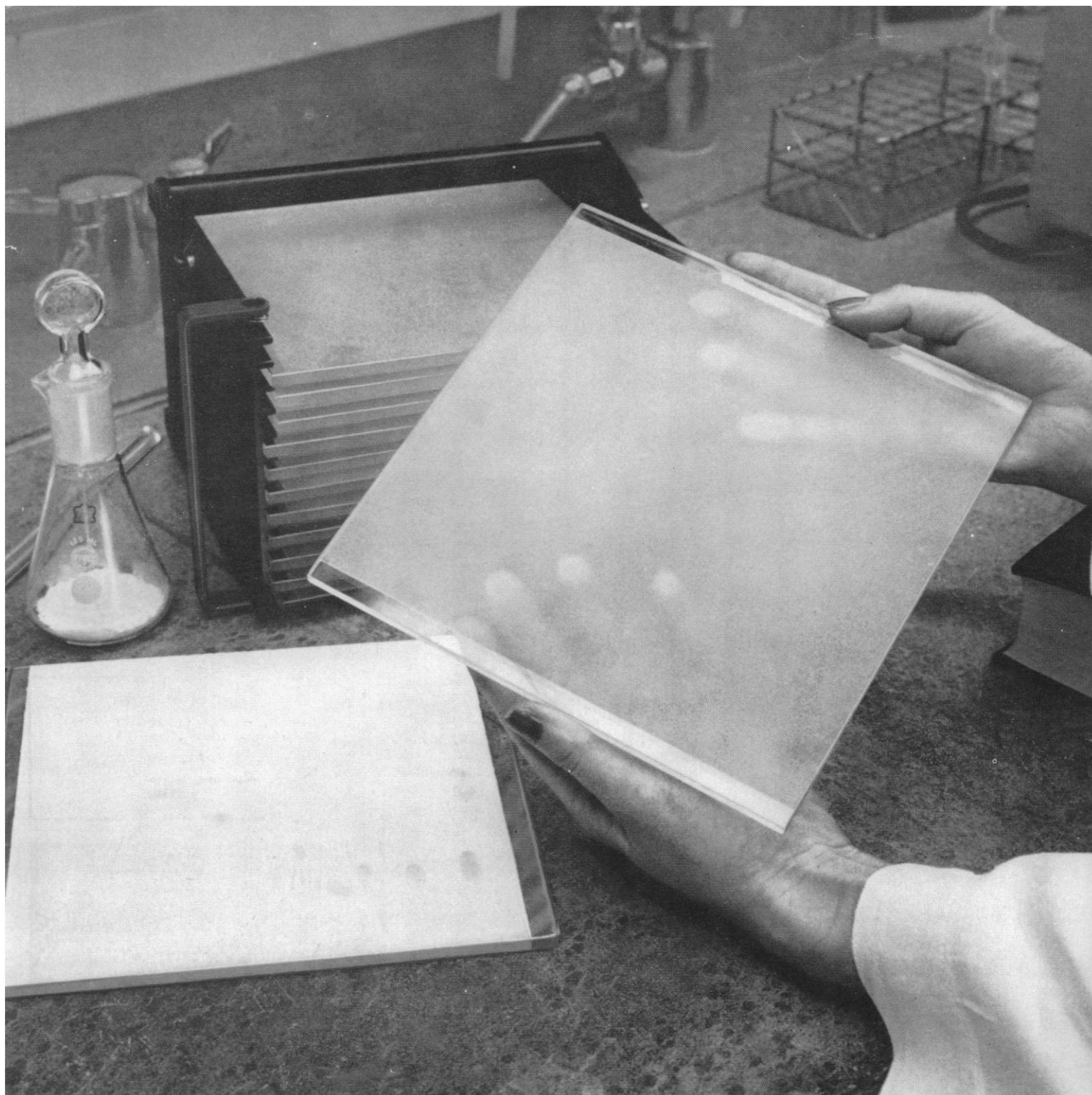
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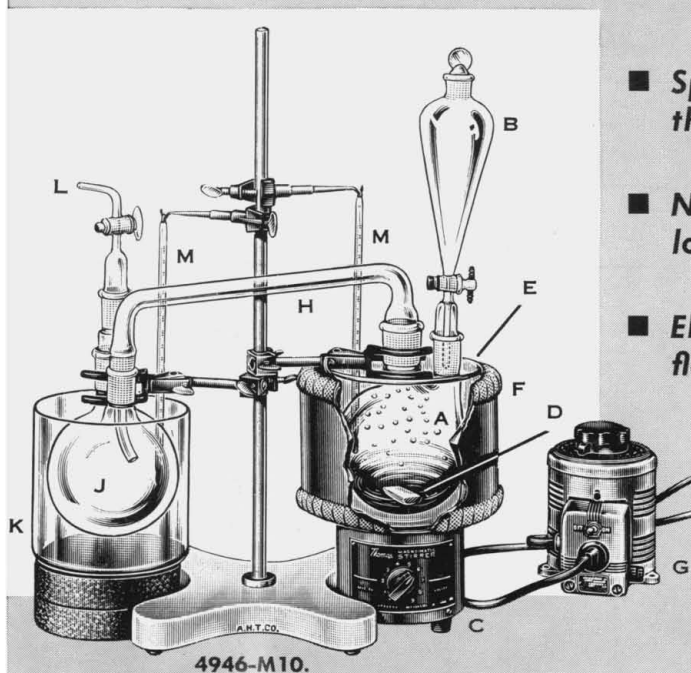
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