

within our galaxy, normal external galaxies, radio galaxies and quasars.

**PROGRESS IN INFRARED SPECTROSCOPY**, Vol. 2—Herman A. Szymanski, Ed.—Plenum Press, 298 p., diagrams, \$12.50. Authoritative reference work for the experienced spectroscopist.

**PROCEEDINGS OF THE 1964 INSTITUTE IN TECHNICAL AND INDUSTRIAL COMMUNICATIONS**—Herman M. Weisman, Ed.—Inst. in Tech. & Indust. Communications, 133 p., illus., paper, \$6 direct to publisher, Colorado University, Fort Collins, Colo. Proceedings of one-week course and workshop for writers, editors, scientists, engineers and information specialists.

**PROJECTS: Botany**—Doris M. Stone—Wash. Square Press, 250 p., illus. by author, paper, 60¢. An accomplished botanist's guide to experiments in kitchen or basement, covering such subjects as plant breeding, effect of auxin, pollination, flowering and light-growth responses.

**ULTRASONIC CUTTING**—L. D. Rozenberg and others, transl. from Russian by J. E. S. Bradley; preface by Lewis Balamuth—Consultants, 142 p., illus., \$17.50. Presents basic information on mechanical vibrations and waves, the physical principles of ultrasonic machining, and deals in detail with ultrasonic machine tools and problems in impact grinding.

**REALMS OF PHILOSOPHY**—William S. Sahakian and Mabel Lewis Sahakian—Schenkman Pub. Co., 606 p., diagrams, \$8.95. Provides a thorough summary, explanation and critical evaluation of classics in philosophy, with appendix arranging philosophies chronologically according to schools of thought.

**SCIENCE EXPERIMENTER**—Thomas Dart and others—Arco Pub. Co., 192 p., illus., \$2.95. Describes many stimulating projects for the young experimenter, from building a \$3 polaroscope to making and breaking secret codes, testing meteorites or putting together an odor chamber for testing smells.

**SO YOU WANT TO BE A TEACHER**—Paul J. Gelinus—Harper, 184 p., \$3.50. A practical guide to the opportunities, qualifications and training for a wide range of jobs in the teaching profession.

**SPACE-AGE ACRONYMS: Abbreviations and Designations**—Reta C. Moser, foreword by Bill M. Woods—Plenum Press, 427 p., \$17.50. Compilation of more than 10,000 technical and industrial acronyms with more than 17,000 definitions, including Russian acronyms found in technical translations.

**STARS AND PLANETS**—Pincus Feld and Eta Richman—Vantage Press, 127 p., illus., \$3.50. A compendium of facts selected by two hobbyists.

**TRANSMETHYLATION AND METHIONINE BIOSYNTHESIS**—Stanley K. Shapiro and Fritz Schlenk, Eds.—Univ. of Chicago Press, 261 p., plates, diagrams, \$12.50. Papers and discussions of the 1964 symposium held at Argonne National Laboratory.

**THE VIEW FROM THE ROAD**—Donald Appleyard, Kevin Lynch and John R. Myer—M.I.T. Press, 64 p., 10" x 15", photographs, sketches, \$15. Monograph dealing with the esthetics of highways, the way they look to the driver, emphasizing the visual potential of engineering achievements as contrasted with current ugliness.

**THE WAR-PEACE ESTABLISHMENT**—Arthur Herzog—Harper, 271 p., \$4.95. A journalist's exploration of the most vocal U.S. groups and individuals concerned with the strategy of preserving world peace from advocates of massive deterrence, analysts, realists, experimentalists to peace research groups and absolute pacifists.

**WORLD PROSPECTS FOR NATURAL RESOURCES: Some Projections of Demand and Indicators of Supply to the Year 2000**—Joseph L. Fisher and Neal Potter—Resources for the Future (Johns Hopkins Press), 73 p., paper, \$1.50. Analyzes the case of the United States, world trends in resources and considers reserves and alternate supply possibilities.

• Science News Letter, 87:76 January 30, 1965

## PSYCHOLOGY

### Ask for Sales Curb On Morning Glory Seeds

► **CONTROLS** over the sale of morning glory seeds, accused of producing hallucinations and possibly addiction, are urged in the Journal of the American Medical Association.

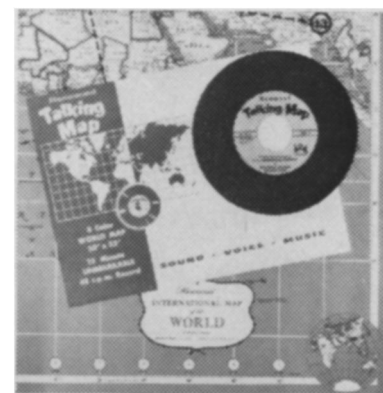
Dr. Albert L. Ingram Jr., Pennsylvania State University, reported that eating morning glory seeds "has increased in the past months and at least one suicide has resulted."

When eaten, morning glory seeds can produce a psychic reaction similar to that of LSD, d-lysergic acid diethylamide, a

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potent drug capable of causing hallucinations.

Dr. Ingram said that use of the seeds has perhaps been more noticeable on the college and university campus because the adolescent and young adult want to experiment.

"This poses a potential danger of some magnitude. As with LSD, latent psychoses can be activated and the neurotic can be physically addicted."

The LSD-like reaction of the seeds is most likely due, Dr. Ingram reported, to LSD-like alkaloids. Lysergic acids have been found in the seed but no pure LSD has yet been isolated.

The Food and Drug Administration has no immediate plans for federal controls but will review Dr. Ingram's findings.

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## Do You Know?

About three-fourths of prescriptions today are for drugs that were not known in 1950.

Radiation in living creatures is picked up through cosmic rays, from natural radiation of the earth and from food.

More than 12 million people in the United States have arthritis.

About 20,000 deaths each year are due to falls and this type of accident accounts for some 12 million injuries annually in our country.

Americans took an estimated 16 billion aspirin tablets in 1963.

• Science News Letter, 87:77 January 30, 1965