

to the editor

May Day demonstrations

If indeed the alleged "overwhelmingly repressive response" of the Government to the May Day demonstrators was one of "the major topics of conversation at the APA convention," as reported by Dr. Ziferstein (SN: 6/12/71, p. 396), their technical program must have been a barren one.

As President Nixon pointed out, "masses of individuals did attempt to stop the Government. They said in advance that is what they were going to do. They tried it, and they had to be stopped." In his opinion, which is widely shared, they were stopped with a minimum amount of force, and with a great deal of patience; the police showed much more concern for their rights than the lawbreakers showed for the rights of the people of Washington.

The "mental health" which the psychiatrists should worry about is that of those law breakers and of other idiots who think foreign policy can be perfected in the streets, rather than of police officers who are only doing their job. Anyone having "concern," if genuine, about military aggression con-

demns the totalitarian dictatorships that perpetrate it, rather than us and others who are making heavy sacrifices to block it.

Cyrus G. Dunkle
Silver Spring, Md.

Pulsar variations

The article "Long-term pulsar variations" (SN: 6/5/71, p. 386) is a well-written précis, containing all the major points of my paper.

May SCIENCE NEWS continue to inform people of the results of science.

H. Hesse
Mullard Radio Astronomy
Observatory, Cambridge, England

Environmental sensing

The article on our CARETS Project (SN: 6/19/71, p. 413) was well done. We appreciate your interest and hope that results to be achieved will match our expectations.

Arch C. Gerlach
Chief Geographer
U.S. Department of the Interior
Geological Survey
Washington, D.C.

films OF THE WEEK

COLLOIDS. 16mm, color, sound, 14½ min. Centrifugation and light dispersion are useful methods for distinguishing colloids from solutions. In this film models are used to show that the movement of colloid particles in a fluid suspension is due to Brownian motion. An electrolysis experiment shows that colloids do not settle out because the particles all carry a like electric charge. When these charges are neutralized, colloids coagulate. Colloids can exist as solids or liquids. Even living things, such as the cells of plants, animals and humans are composed of solid and liquid colloids. Audience: elementary, high school, college. Purchase \$200 or rental \$10 from BEA Educational Media, Dept. SN, 2211 Michigan Ave., Santa Monica, Calif. 90404.

CONTROLLED PHOTOSYNTHESIS. 16mm, color, sound, 24 min. Explains that photosynthesis is probably the most important chemical reaction that takes place on earth, for without it, there would be no plants, no animals, no life. The film then gives an introduction to the structure of leaves, chloroplasts, grana and lamellae; and describes the first part of the process of converting the sun's energy into chemical energy. The body of the film describes the injection of radioactive carbon 14 into the plant, and tells how this tracer technique is used to determine the series of chemical compounds the plant makes before producing food sugars. The film also describes some of the current research on enzyme reactions in plants. Audience: high school, adult. Purchase information from National Audiovisual Center, National Archives and Records Service, General Services Administration, Washington, D. C. 20409, or free loan information from Audiovisual Branch, Dept. SN, Department of Public Information, Atomic Energy Commission, Washington, D. C. 20545.

MASCULINE OR FEMININE: YOUR ROLE IN SOCIETY. 16mm, color or b&w, sound, 18½ min. A discussion starter for any group. From the moment the motorcycle roars into the schoolyard and a girl dismounts, to the heated comments of a construction worker revealing that his wife never had to work, viewers sense that this is a film that warrants reaction and comment. The producer interviews people from various segments of society to find out their opinions on masculine and feminine roles today. Their conflicting viewpoints reveal not only the stereotyped traits usually associated with the two sexes, but also that rigid concepts seem to be changing, replaced by emphasis on human qualities and values. The film lets the viewers draw their own conclusions and helps them define their roles. Audience: high school, college, adult. Purchase color \$245 or b&w \$122.50 from Coronet Films, Dept. SN, 65 E. South Water St., Chicago, Ill. 60601.

SOUTHERN ACCENTS, NORTHERN GHETTOS. 16mm, b&w, sound, 50 min. This case history of a black family dramatizes one of the great dilemmas facing our nation today: black families who flee Southern rural poverty for Northern cities only to be trapped on welfare in black inner city ghettos. Mrs. Prevo Basemore and her 11 children, the case in point, migrated to Chicago hoping to leave behind their subsistence life in Edmondson, Ark. The Basemores are now on home relief. Their predicament is examined from several views: historic, economic, legislative and psychological. Audience: high school, college, adult. Purchase \$300 or rental \$30 from Benchmark Films, Dept. SN, 145 Scarborough Rd., Briarcliff Manor, N. Y. 10510.

Listing is for readers' information of new 16mm and 8mm films on science, engineering, medicine and agriculture for professional, student and general audiences. For further information on purchase, rental or free loan, write to distributor.

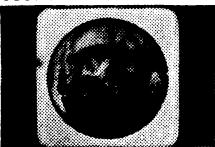
KEEP PACE WITH SPACE AGE! SEE MOON SHOTS—LANDINGS, SPACE FLIGHTS, CLOSE-UP! AMAZING SCIENCE BUYS for FUN, STUDY or PROFIT SCIENCE FAIR HDQRS.

SUPER Apollo Missions Films

Relive history in your home with 200 Spectacular feet of Official NASA Super 8 full color or b & w films of the Apollo shots—from breathtaking blast-off to touchdown. See Neil Armstrong's "1st step," Apollo 12's return, Alan Shepard's triumphant exploring of Fra Mauro. Fabulous entertainment. Future heirloom. Color—\$14.95 ea.; b&w—\$6.95 ea., all Ppd.

Moon-shot	Color #	B&W #
Apollo-11	41,475 Q	41,473 Q
Apollo-12	41,477 Q	41,476 Q
Apollo-14	41,479 Q	41,478 Q

JUST PRESS . . . and colors bloom!



Liquid crystal pressure discs put world of color under your thumb. Just press . . . and presto—full spectrum of colors magically bloom in ever changing shapeless patterns. More pressure—deeper the color. Change viewing angle—colors change again. The secret's the amazing liquid crystal.

crystals—sealed in vinyl & 3" sq. Plexiglas® disc. Look like liquid—have structure of crystal. Great conversation piece, fantastic coaster, your own portable "wet show." Stock No. 41,272Q (set of 2) \$2.25 Ppd.

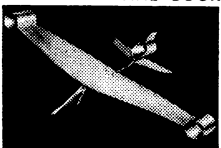
HELIUM BALLOONS MAKE A "BALL"

Anytime there's a balloon the air is festive. Especially when the "air" is helium, which makes a balloon perky and adventurous. Now here's 25 times the fun—25 various colored balloons of 4, 5, or 6" diameter when inflated. With them, a pressurized (300 lbs/sq. in.) can containing 25 liters of helium to inflate all 25. For adults or kids' parties, giveaways, bazaars or just demonstrating "lighter than air." Helium is a safe non-toxic inert gas. Stock No. 71, 289Q \$3.00 Ppd.



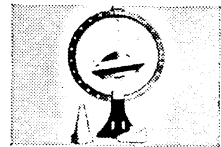
GREAT INT'L PAPER PLANE BOOK

Official fly-them-yourself book of paper airplanes from SCIENTIFIC AMERICAN'S "1st International Competition." Includes plans of all winning entries, time-aflot records, photos, technical data, commentaries. Has 20 unusual designs on perforated pages for easy tear-out. You won't believe how some of them fly! Amusing, entertaining. 128 pages. 9" x 11¼". Stock No. 9391Q \$2.95 Ppd.



BATTERY POWERED GYROSCOPE

For the first time—have the fun & enjoyment of a gyro without bother of constant string winding & pulling. 5" diam. flying-saucer shaped. Spins on its edge, upside-down, on your head, hanging from a string, drives rocket car, races around a ring . . . you'll be amazed at its performance. Even flipping switch to off is an experience—speeds up to a blur . . . for almost 3 minutes without power. Terrific accessories including rocket car, pedestal, 9" diameter, orbit ring, ring pedestal, cap, chain, loop, instructions. Uses 2 regular "C" batt., not incl. Stock No. 71,161Q \$6.00 Ppd.



MAIL COUPON FOR GIANT FREE CATALOG

148 Pages! More than 4,000 UNUSUAL BARGAINS!

Enormous variety of telescopes, microscopes, binoculars, magnets, magnifiers, photo components, lenses, prisms, optical instruments, parts, Science Fair kits, projects, and accessories. Write for Free Catalog "Q." Edmund Scientific Co., 300 Edscorp Building, Barrington, New Jersey 08007.



Name _____
Address _____
City _____ State _____ Zip _____

EDMUND SCIENTIFIC CO. 300 EDSCORP BLDG. BARRINGTON, NEW JERSEY 08007
ORDER BY STOCK NUMBER • SEND CHECK OR MONEY ORDER • MONEY-BACK GUARANTEE