

New Deal for Women

In 1945 a Japanese baby girl could be expected to live 37 years. Today's female infant has an expectancy of 73.

Similar dramatic changes will occur all over the emerging world when women enjoy cultural development, says Japan's leading health statistician.

He theorizes that men are no longer killing their women by making them: Breast-feed, rear children, keep house and work the farm as well.

Dr. Takemune Soda, a graduate student at Johns Hopkins University 30 years ago, is now director of the Institute of Public Health in Tokyo, and a World Health Organization expert panelist on health statistics.

Japanese men have done well, too. Since 1945, their life expectancy has risen to 68. But the women's experience has been phenomenal.

"Men tend universally to have shorter lives," Dr. Soda says, but "in the underdeveloped countries the experience is reversed.

"Since the war, life became more favorable to women than to men, comparatively," he says. "I believe it is a cultural phenomenon."

In Vietnam, Cambodia, Ceylon and India, where there have been no significant cultural changes for women, Dr. Soda finds women's poor longevity persisting.

Japanese women had always been forced to work on farms while bearing the usual family responsibilities.

Rural Japanese women still do a lot of farming as their menfolk trudge to town for wages. "They still work too hard," Dr. Soda sympathizes.

Dr. Soda notes with concern WHO's report that despite progress in all fields, the health gap between developed and underdeveloped areas continues to widen. "It is our sincere wish that a more equitable situation will prevail in every aspect of people's lives," he says, pledging Japan's assistance to the less favored.

Commenting on Japan's success with family planning, he says, "Many governments see Japan as a country that has succeeded in controlling population growth. But our program was not developed to suppress births. Rather it has been an integral part of maternal and child health programs, with the specific aim of less burden on mothers and better health protection for children.

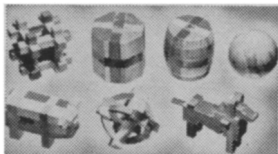
"The result has been that our population growth is maintained at a responsible balance. We are prepared to respond to requests to send specialists elsewhere."

David Alan Ehrlich

MAIL
ORDER

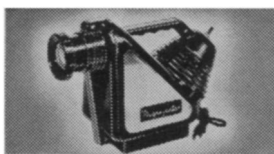
SHOPPING MART UNUSUAL VALUES

A selection of products available by mail for readers of SCIENCE NEWS
All merchandise sold on a money-back guarantee. Order direct by Stock No. Send check or M. O.



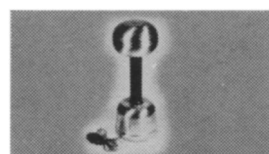
WOODEN SOLID PUZZLES

Here's a fascinating assortment of 12 different puzzles to provide hours of pleasure and stimulate ability to think and reason. Animals and geometric forms. Take them apart and reassemble them. Lots of fun for the whole family— young and old. Will test skill, patience and ability to solve problems. Order yours now. \$3.50 Ppd. Order No. 70,205Q. Edmund Scientific Co., Barrington, N.J. 08007.



AMERICAN MADE OPAQUE PROJECTOR

Projects illustrations up to 3" x 3 1/2"—enlarges them to 35" x 30" if screen is 6 1/2 ft. from projector, larger pictures if screen is further away. No film or negatives needed. Projects charts, diagrams, color or black-and-white. Operates on 115 volts A.C. current. . . 6 ft. extension cord and plug included. Size 12" x 8" x 4 1/2" wide. Weight 1 lb. 2 ozs. Plastic case \$7.95 Ppd. Order No. 70,199Q. Edmund Scientific Co., Barrington, N.J. C3007.



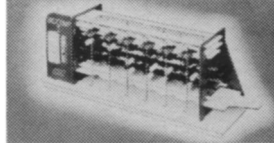
HI-VOLTAGE VAN DE GRAAFF GENERATOR

Electrostatic low-amp type. 200,000 volt potential, yet completely safe. Demonstrates lightning, St. Elmo's fire, repulsion of charges, electrostatic dust collection, many other electrical wonders. Meter, 110v., 60-cycle, A.C. Humidity range, 0-90%. Current, 1.5 to 2.5 microamps. Aluminum base, frame and charge collector. Unbreakable plastic. Insulating column. Ht. 17" dia. 6 3/4". Full instructions. \$43.50 Ppd. Order No. 70,264Q. Edmund Scientific Co., Barrington, New Jersey 08007.



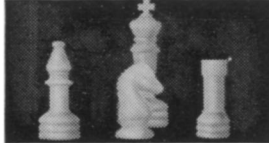
3" ASTRONOMICAL TELESCOPE

See the stars, moon, phases of Venus, planets close up. 60 to 180 power. Aluminized and over-coated 3" diameter f/10 primary mirror, ventilated cell. Equatorial mount with locks on both axes. Equipped with 60x eyepiece and mounted Barlow lens. 3x finder telescope, hardwood tripod. Included FREE: "STAR CHART"—272-page "HANDBOOK OF HEAVENS"; "HOW TO USE YOUR TELESCOPE" book \$29.95 ppd. Order No. 85,050Q. Edmund Scientific Co., Barrington, New Jersey 08007.



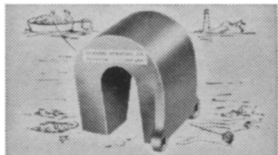
NEW MODEL DIGITAL COMPUTER

Solve problems, tell fortunes, play games with miniature version of giant electronic brain! Adds, subtracts, multiplies, shifts, complements, carries, memorizes. Colored plastic parts easily assembled. 12" x 3 1/2" x 4 3/4". Incl. step-by-step assembly diagrams, 32-p. instruction book covering operation, computer language (binary system) programming problems & 15 experiments. \$5.98. Ppd. Order No. 70,683Q. Edmund Scientific Co., Barrington, N.J. 08007.



AMAZING NEW HOLOGRAMS

Now evaluate tremendous impact of almost unbelievable new 3-D photo-technique for small cost. Simple transmission-type hologram (on film or glass) result of splitting laser beam. Dimension appears carved in stone. Cut in half repeatedly—parts still contain full scene. Fantastic future potential. Use slide projector light source or flashlight bulb filament. Filter incl. Film: 4" X 3 3/4". \$15.00 Ppd. Order #40,969Q. 2" X 1 7/8". \$4.50 Ppd. #30,574Q. Glass: (4" X 5") \$30.00 Ppd. #40,984Q. Edmund Scientific Co., Barrington, New Jersey 08007.



"FISH" WITH A MAGNET

Go treasure hunting on the bottom! Fascinating fun & sometimes profitable! Tie a line to our 5-lb. Magnet—drop it overboard in bay, river, lake or ocean. Troll it along bottom—your "treasure" haul can be outboard motors, anchors, other metal valuables. 5-lb Magnet is war surplus—Alnico V Type—Gov't cost \$50. Lifts over 150 lbs. on land—much greater weights under water. \$12.50 Ppd. Order No. 70,571Q. Edmund Scientific Co., Barrington, N.J. 08007.



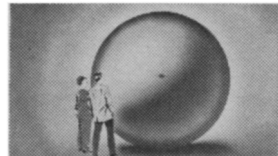
NEW CASTING AND EMBEDDING KIT

Fun galore! Use quick-hardening, crystal-clear liquid resin to create unusual and decorative shapes, designs; embed & preserve shells, coins, jewelry, flower petals, butterflies, etc. No heat. No mess. Use molds in kit plus any-shape containers. Kit contains 1 pt. resin, 2 molds, hardener, mold releaser, 3 grad. mixing cups, stirring sticks, ball point pen & holder, 2 fishing flies & instr. booklet. \$5.50 Ppd. Order No. 70,896Q. Extra pt. resin, 10 oz. hardener \$2.50 Ppd. No. 60,646Q. Edmund Scientific Co., Barrington, New Jersey 08007.



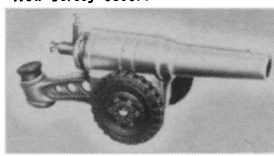
SLIDE MOTION POLARIZING SET

Most practical visual aid since the chalk board—at a tremendous saving! Actually see biological, physical, scientific processes in action. Specially prepared slides combined with rotating polarized disc simulates circular, horizontal and vertical continuous motion. Indispensable teaching aid—perfect for exhibits, demonstrations. 8—2" x 2" Slides illustrate fascinating concepts of ear, heart, elec. circuits, telescopes, geiger counters, sound reproduction, etc. Incl. polarizing disc, base & motor, instr. manual. \$9.00 Ppd. No. 70,893Q. Edmund Scientific Co., Barrington, New Jersey 08007.



GIANT WEATHER BALLOONS

"Balls of fun" for kids, traffic stoppers for stores, terrific for amateur meteorologists. Create a neighborhood sensation. Great backyard fun. Exciting beach attraction. Amateur meteorologists use to measure cloud heights, wind speed, and temp. Made of heavy duty neoprene. Inflate with vacuum cleaner or auto air hose; or locally available helium for high rise. 8' diam. \$2.00 Ppd. #60,588Q. 16' diam. \$7.00 Ppd. #60,632Q. Edmund Scientific Co., Barrington, N.J. 08007.



BIG BOOM & FLASH CANNON

Perfectly safe giant noisemaker for sports, games, the 4th and just plain fun produces brilliant flash and loud bang. Completely harmless—no gun powder, matches or recoil. Easily operated. Beautiful reproduction of regular Army 60 MM cannon in hefty cast iron. "Ammo" is pulverized Bangsite combined with water in cannon producing harmless gas. Cannot be ignited by hottest flame or heaviest concussion. Incl. ammo for 200 shots, instr. Wt. 2 1/4 lbs. \$5.75 Ppd. Order No. 70,898Q. Extra ammo (about 400 shots) \$1.00. No. P-41,005Q. Edmund Scientific Co., Barrington, N.J. 08007.



GIANT FREE CATALOG

Completely new 1967 Catalog. 148 pages packed with nearly 4,000 unusual bargains. Exciting new categories. Many new items. 100's of charts, illustrations. Many hard-to-get war surplus bargains. Enormous selection of telescopes, microscopes, binoculars, magnets, magnifiers, prisms, photo components, etc. For hobbyists, experimenters, workshops. Shop by mail. No salesman will call. Write for Catalog "Q" to Edmund Scientific Co., Barrington, N.J. 08007.