

15¢

\$5.50 A YEAR

June 29, 1963

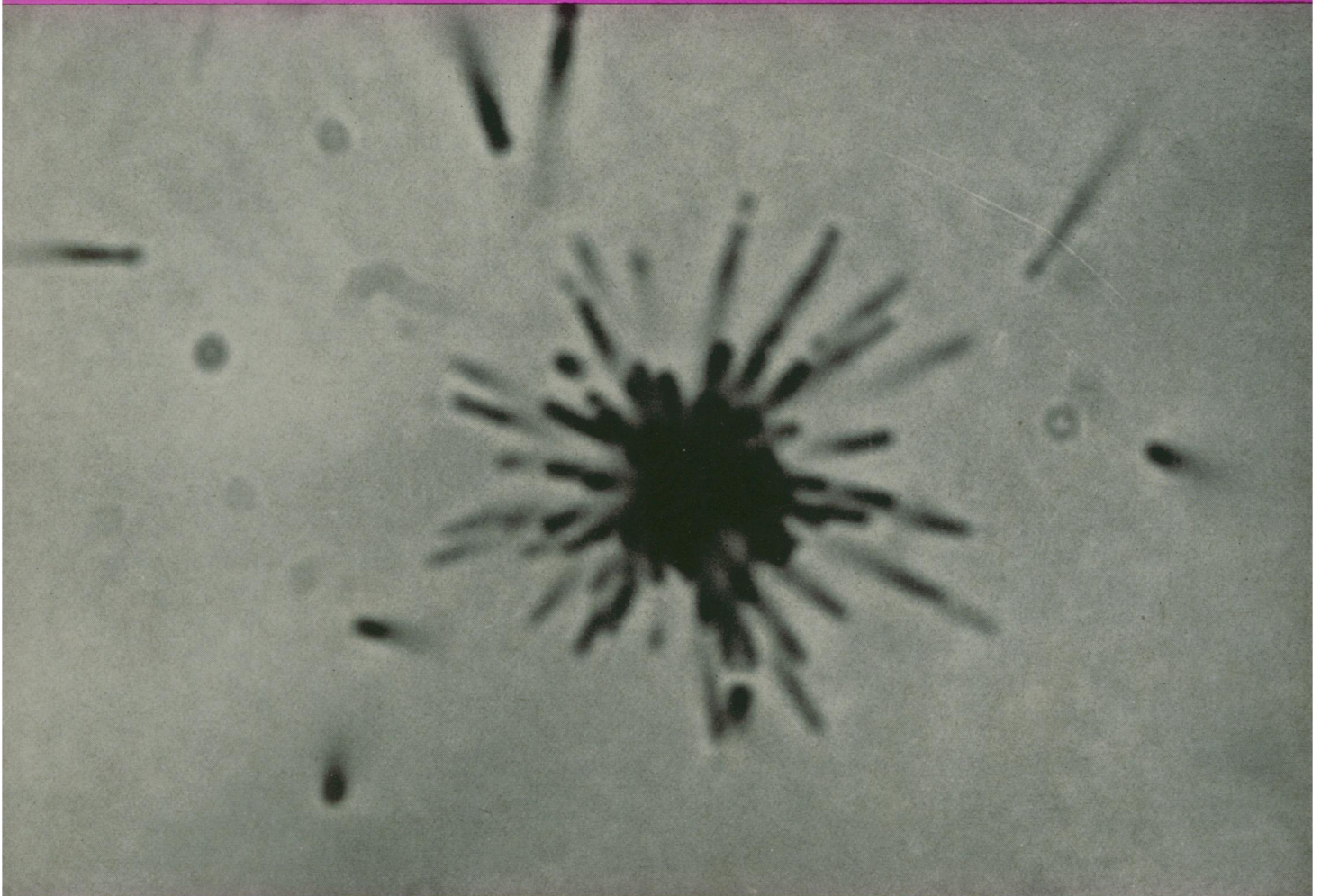
INDEX

VOL. 83, NO. 26 PAGES 401-410

SCIENCE NEWS LETTER

®

THE WEEKLY SUMMARY OF CURRENT SCIENCE



General Electric

"Fossil" Tracks
See Page 404

A SCIENCE SERVICE PUBLICATION

Give Young People a Head Start in Science

Each kit is self-contained and needs no parent or teacher instruction or aid for its use by young people as immature as age 8. They are suitable for summer "fun" use and will give advance science experimental experience for the fall. In school, these kits are excellent teaching aids for General and Elementary Science classes and are designed to facilitate experimental participation using the student's own expendable kit. A marvelous opportunity to stimulate and intensify interest in science with inexpensive THINGS of science experimental kits.

SCIENCE COLLECTION 10 Kits — \$5.60 postpaid

STATIC ELECTRICITY — Sparks from your fingertips when you walk across a carpet and touch metal? On a cold, dry day you can experiment with the phenomena of static using the materials in this kit. 17 experiments.

ASTRONOMY — Stars and constellations can be located with the aid of this star-finder. Planet table lets you locate other members of the solar system. Make a simple planetarium. A first step to astronomy study. 10 experiments.

COLOR TOP — Discover for yourself the laws of mixing colors. Usually science laboratories spend many dollars for apparatus with which to perform color experiments. 27 experiments.

TEST PAPERS — How to determine acidity or alkalinity of solutions with test papers, fruits, flowers and even vegetables . . . an introduction to chemical indicators. 26 experiments.

SOUND — A phenomenon which is one of the most important sources of information about the world. Materials provided for 24 experiments designed to introduce the fundamental principles of sound.

SEA SHELLS — Six specimens and 21 experiments with data on how shells grow, collecting and naming shells, reference books for the identification and habits of mollusks, information on local and national clubs.

SURFACE TENSION — Why rain beads on newly-waxed cars, why water is absorbed by a towel, how insects walk on water . . . an explanation of molecular forces. 28 experiments.

TASTE — What is it? Why do some foods appeal to some and not to others? Seven specimens of materials, 22 experiments test your sense of taste and demonstrate the four primary taste sensations.

MAPS AND CHARTS — Three types of maps, an aeronautical chart, model and diagram of geophysical terms, chart of topographic map symbols together with an explanatory booklet suggesting 41 experiments.

MARBLE — Eight specimens and 26 experiments bring you the fascinating story behind marble and its beauty . . . how time and chemistry have combined to produce this most beautiful rock.

MATHEMATICS COLLECTION 5 Kits — \$2.90 postpaid

STRAIGHT LINE — Can you draw it free-hand? Did you know that it is a curve? A fascinating assemblage of 30 pieces of material with which you can draw your own original straight line as well as other curves.

HEXAFLEXAGON — Do tricks with it and learn about mathematical forms. How to fold paper into startling structural patterns. Everything you need for 9 experiments.

GEOMETRIC MODELS — Developed to illustrate a variety of ideas and theorems from plane geometry. Contains 10 specimens needed to construct four flexible models.

PROBABILITY — Twenty-six experiments using the materials in this kit will provide an introduction to the complex mathematical theory of probability, and will help you understand its application to our daily living.

MATHEMATICAL PAPER FOLDING — Geometric principles and mathematical relationships are demonstrated clearly and more understandably with paper folding and paper models . . . 33 experiments.

COMBINATION OFFER — Both Collections (15 kits) for \$7.98

SINGLE KITS — 75¢ each

CLASS QUANTITIES — 40 kits for \$20.00



To: SCIENCE SERVICE, 1719 N Street, N.W.
Washington 36, D. C.

Please

ship: SCIENCE COLLECTIONS at \$5.60
 MATHEMATICS COLLECTIONS at \$2.90
 COMBINATION COLLECTIONS at \$7.98
 SINGLE KITS AT 75¢ each, as checked
 SINGLE KITS—40 for \$20.00, circle one

\$..... enclosed Please bill me

Name.....

Address.....