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MICRO-ADS

Equipment, supplies and services of special interest to scientists, science teachers and students, science-minded laymen and hobbyists. 25¢ per word, payable in advance. Closing date 3 weeks prior to publication (Saturday).

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OPTICAL EQUIPMENT

AMAZING PRICES, HIGH SCHOOL AND LABORATORY MICROSCOPES, precision binoculars. Thirty day trial. Catalogues free. Prentiss Importers, Mercury Bldg., West Los Angeles 25, Calif.

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TRANSLATIONS

FRENCH, GERMAN, ITALIAN, PORTUGUESE, Spanish to English; English to Spanish—Science, Medicine, Technology, Patents. Vega-Gomez, 3818 Chestnut Street, Philadelphia, Pennsylvania.

CHEMICALS AND APPARATUS

CHEMICALS IN SMALL QUANTITIES (one to eight ounces). Everything for your laboratory. Catalog 25¢. 26th year. John H. Winn Co., Inc., 124 West 23rd Street, Dept. 200, New York 11, N. Y.

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Questions

BIOLOGY—What change appeared in the red blood cells of guinea pigs suffering from scurvy? p. 279.

□ □ □

CHEMISTRY—How has pure liquid hydrogen been changed so that it can be used as the "perfect fuel"? p. 277.

□ □ □

MEDICINE — How was natural curare obtained? p. 275.

□ □ □

PHYSICS—What are some of the advantages to using H-Power as a source energy? p. 278.

□ □ □

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PLANT PHYSIOLOGY

Germination Chemical Discovered in Beans

► A PEPTIDE that may play a key role in giving pep to bean seeds has been discovered by U. S. Department of Agriculture scientists.

The chemical compound, identified as a peptide, is gamma-glutamyl-S-methyl-cyteine and consists of two amino acids linked together. Believed to be present in other beans, in addition to green and kidney beans in which it was found, the chemical is now undergoing tests to determine its role in germination and plant metabolism.

The material was isolated by USDA scientists Robert M. Zacharius, Clayton J. Morris and John F. Thompson.

Science News Letter, November 2, 1957

Do You Know?

The electric power industry continues to double in size every decade.

Fire is the worst enemy of eastern red cedar.

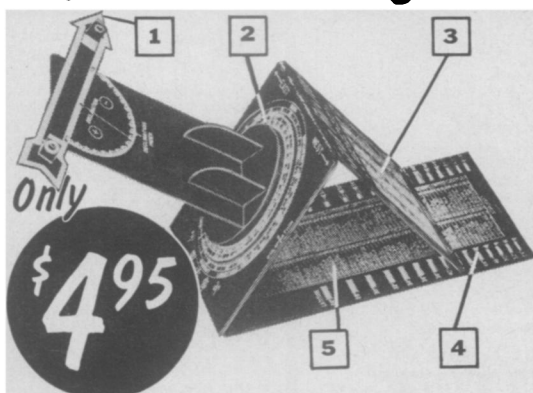
An explosion wave is a supersonic shock wave accompanied by a bright flame, and is often set up in jet and rocket engines by the combustion of fuel.

The characteristic taste of an orange, or any other fruit, is due to volatile materials it gives off, its "smell."

Life-size manikins will soon be X-rayed to find out exactly how much radiation is absorbed by the human body during diagnostic and therapeutic procedures.

If one of the fastest movie cameras in the world, used for taking high speed photographs, could photograph for a full second, it would take 14 hours to show the film in a motion picture theater.

NOW...A STAR FINDER THAT POINTS!



1 Pointer points directly at desired constellation. No guessing! Sights provided for accurate location of individual star.

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