

1974

## Publications

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## PUBLICATIONS

*The World of Carnivorous Plants* by James and Patricia Pietropaolo. Editor: Dr. Lorin I. Nevling, Jr., former curator and supervisor of the herbaria, Harvard University. Publisher: R. J. Stoneridge, Shortsville, New York 14458. Price: \$5.95. Eight chapters and over 60 photographs.

James Pietropaolo is a science teacher and chairman of the science department, Geneva High School, Geneva, New York. Patricia Pietropaolo is a biology instructor at the Community College of the Finger Lakes, Canandaigua, New York.

This book provides complete details for growing carnivorous plants from seeds to maturity and is based on the authors' 16 years experience with carnivorous plants.

### Contents:

Stories of the man eating trees.

Venus Fly Trap

Pitcher Plants (*Sarracenia*, *Nepenthes* & *Cephalotus*)

Sundews (*Drosera*, *Byblis* & *Drosophyllum*)

Butterworts

Bladderworts

Cobra Lily

Science projects and research ideas.

Glossary

### Contents of a sample chapter, Venus Fly Trap:

Discovery and short history.

Description of plant.

Complete cultural information; soil, watering, lighting (intensity and duration), when to repot, winter care, etc.

How to propagate sexually and asexually.

Trapping mechanism, why it closes and opens.

*The Language of Science*, an imaginative introduction to all of the sciences by Alan Mandell, Old Dominion University, Norfolk, Virginia.

Begins with word-attack schemes so simple they take the fear out of the terminology of science, then introduces each science through its particular "language" and its key characteristics. Follows up with suggestions for practicing the language of science in laboratory experiments which lead into mathematics and statistics as aids in doing science and in communicating the findings of science.

Written for the advanced student in high school but ideal for teach-

ers of interdisciplinary science or general science. Chapters include problems, questions and further references.

A much-needed reference with material from all of the sciences including: metric units, taxonomic terms, geologic time scale, table of the chemical elements, cloud types, crystal systems, space terminology, Greek alphabet and its uses in science, nomenclature of the hydrocarbons, table of chi-square values, terms derived from the names of famous scientists.

For ordering this publication write to the National Science Teachers Association, 1201 16th Street, N.W., Washington, D.C. 20036.