**CASTE, CLASS AND PREJUDICE IN THE USE OF LANGUAGE**

Flola L. Shepard
An intensified study of sociological factors in the use of language.

## NATURAL SCIENCES AND MATHEMATICS

### BIOLOGY

**FOUNDATIONS OF BIOLOGY**

Victor Sprague
(3 hrs. lect. and 4 hrs. lab.; 5 sem, hrs. credit)
Emphasis will be placed on the vital processes in their basic manifestations as seen at the protistan level of physical organization, employing as the principal illustrative material various Protozoa, Algae, bacteria and viruses. lab. fee $7.50.

**SURVEY OF THE INVERTEBRATES**

Victor Sprague
(6 hrs. combined lect. and lab.; 4 sem. hrs. credit)
Morphology and physiology of typical species of various invertebrate phyla. Lab. fee $7.50.

**BIOLOGY OF THE VERTEBRATES**

Victor Sprague
(10 hrs. combined lect. and lab.; 5 sem. hrs. credit)
Laboratory work will be concerned mainly with anatomy of typical chordates. Lectures will emphasize also physiology and evolution. Lab. fee $7.50.

**VERTEBRATE EMBRYOLOGY**

Victor Sprague
(10 hrs. combined lect. and lab.; 5 sem. hrs. credit)
Descriptive development of typical vertebrates. Lab. fee $7.50.

**ELEMENTS OF GENETICS**

Victor Sprague
(3 hrs. lect.; 3 sem. hrs. credit)
Introduction to the principles of heredity and variation.

**FACTORS IN DEVELOPMENT**

Victor Sprague
(3 hrs. lect.; 3 sem. hrs. credit)
Cell growth and division, chromosome cycles, cleavage, cell lineage, morphogenesis, regeneration, the dialectic of evolution.

**FIELD ZOOLOGY**

Victor Sprague
(2 hrs. lect. and 4 hrs. lab. and/or field trips; 4 sem. hrs. credit) Field trips on campus and vicinity and one trip of several days duration to the coast for studying marine biology. The work will consist of observing organisms in their natural habitats, collecting, studying, identifying, preserving, cataloging. Lab. fee $7.50.

**ANIMAL PARASITOLOGY**

Victor Sprague
(2 hrs. lect. and 4 hrs. lab.; 4 sem. hrs. credit)
Emphasis placed on morphology, life cycle and host-