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Review: Human Genetics and Its Foundations

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interviews on the campus of the cooperating university.

The committee spent considerable time in considering possible locations for the new office. Invitations for such a joint venture were received from Drake University, Iowa State University, State College of Iowa, and the University of Iowa. Several factors were considered in the choice of locations. These factors include: 1) geographical location, 2) cooperation with Department of Public Instruction enhanced with a state school, 3) facilities to be provided by cooperating university, and 4) duties expected for the appointee by the cooperating university.

After carefully considering the above factors, the committee recommends acceptance of the invitation of the University of Iowa as the cooperating university. This recommendation is made with the understanding that the specific interests of a prospective appointee may make alteration of this location desirable. However, the committee feels that it is desirable to begin the search for applicants with a specified description of a campus location and specific duties for the full time load. If another cooperating university is ultimately selected, the specific duties listed previously for the cooperating university may of necessity be altered slightly. Nonetheless, the relative responsibilities between Academy and university would remain the same.

Lester Earls
Leland Johnson
George Peglar (ex officio)
Robert Yager, Chm.

REVIEWS

Electronical Structure and Chemical Bonding, Donald K. Sebera, Blaisdell, 1966, \$3.50

This book is written that teachers desiring a more complete background in the elementary principles of atomic and molecular structure will find this very beneficial.

The modern ideas of chemical bonding are described through means of graphs in a non-mathematical manner.

The concepts are introduced with a brief discussion of spectra as related to Planck's relationships and Bohr's postulates. From this, the reader is lead to the development of the periodic table, size of atoms and ions, ionization potentials and electron affinity.

This is recommended for any chemistry teacher as a refresher text to update his background. It also is the type of book that can be used with advanced chemistry students at the high school level.

Reviewed by Sister Mary Leonarda Dougher, BVM, Regina Convent, Dubuque, Iowa.

Human Genetics and Its Foundations, Reinhold Publishing Co., New York, 1965. by Maurice Whittinghill

This text is to be highly recommended as an addition to the high school library. While the text itself is written at the college level, it would serve as an excellent reference source for both teacher and student.

The text itself is divided into four clearly definable sections. The first nine chapters deal with monohybrid genetic segregation from the point of view of the human population geneticist. The next five chapters deal with fractional expectations in regular chromosomal behavior; these chapters requiring some knowledge of simple statistical procedures for complete understanding, however. There are then six chapters on the biological and biochemical interactions of genes which lead to the final eight chapters on mutations and evolution.

Reviewed by Stephen Beisler, University of Iowa, Iowa City, Iowa.