
Evolution in the Genus *Drosophila*. *J. T. Patterson and W. S. Stone.* Macmillan Company, New York. 1952. ix+610 pp. \$8.50.

The study of particular genera or species has in the past contributed valuable information concerning evolutionary processes at the level of speciation, and will undoubtedly contribute even more in the future. It seems unlikely, however, that any genus will be subjected to as intensive investigation from so many points of view as has the genus *Drosophila*. The taxonomy, comparative anatomy, embryology, comparative physiology, geographical distribution, ecology, cytology, and genetics of this genus have all been studied during the past thirty-five years, and all contribute to a structure of evolutionary knowledge surpassing that for any other genus. Only paleontological data are missing.

The authors of this volume have been among the leaders of this notable development, and they have made a signal contribution by bringing together in one place this immense body of knowledge. Their contribution goes farther than mere compilation, however, for their synthesis of this material constitutes an important contribution to the theory of evolution. This is a book which should prove of great value to experts and students alike for many years to come.

ALLEN S. FOX.