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BOOK REVIEW

ANNUAL REVIEW OF ENTOMOLOGY, Vol. 24, 1979. T. E. Mittler, F. J. Radovsky, and V. C. Resh, Editors. Annual Reviews Inc. Palo Alto, CA 94306. 579 pp. \$17.00 from the Entomological Society of America.

Unlike most volumes in this series, Vol 24 has little to interest culicidologists. Last year there was a noteworthy review of "Mosquito-Virus Relationships of American Encephalitis" by J. McLintock. This year there

is a review of tangential interest by K. H. Rothfels entitled "Cytotaxonomy of Black Flies (Simuliidae)." Studies of the salivary gland chromosomes have revealed the existence of taxonomically unresolved sibling species and have contributed to a more complete understanding of phylogenetic relationships. To a considerable extent the close cooperation between cytologists and taxonomists has resulted from the fact that black flies are very resistant to laboratory culture.—W. E. Bickley