References

- Ae, S., 1960. A study of hybrids between Papilio xuthus and the P. polyxenes machaon group. Journ. lepid. soc. 14: 5-18, 2 pls.
- Clarke, C. A., & J. P. Knudsen, 1953. A hybrid swallowtail. Ent. rec. 65: 76-80, pls. 4-10.
- Clarke, C. A., & P. M. Sheppard, 1953. Further observations on hybrid swallowtails. Ent. rec. 65, suppl.: 12 pp., 7 pls.
- Jordan, K., 1908-09. 1. Family: Papilionidæ, swallowtails, in A. Seitz, The Macrolepidoptera of the world 9: 11-109.

Kirby, W. F., 1896. A hand-book to the order Lepidoptera. Part I. Butterflies, vol.2: xx + 332 pp., 31 pls. Edward Lloyd, London.

- Rainbow, W. J., 1907. A guide to the study of Australian butterflies. 272 pp., 1 col. pl. T. C. Lothian, Melbourne.
- Remington, C. L., 1956. Interspecific relationships of two rare swallowtail butterflies, Papilio nitra and Papilio hudsonianus. Amer. phil. soc. yearbook 1955: 142-146.

....., 1960. Wide experimental crosses between Papilio xuthus and other species. Journ. lepid. soc. 13: 151-164, 3 pls.

- Stride, G. O., & R. Straatman, 1962. The host plant relationship of an Australian swallowtail, Papilio ægeus, and its significance in the evolution of host plant selection. Proc. Linnean soc. New South Wales 87: 69-78, 4 figs.
- Talbot, G., 1939. Butterflies, Vol. 1, in The Fauna of British India, including Ceylon and Burma. 600 pp., 3 pls. Taylor & Francis Ltd, London. Waterhouse, G. A., & G. Lyell, 1914. The butterflies of Australia. A monograph
- of the Australian Rhopalocera. 239 pp., 43 pls. Angus & Robertson, Sydney.

Doa Estate, Private Mailbag, Port Moresby, PAPUA

BUTTERFLIES AT LIGHT IN NORTH CAROLINA AND PENNSYLVANIA

Two male Calycopis cecrops were taken at powerful lights near Asheville, North Carolina, July 18, 1960. A male Speyeria diana was taken at the same place June 27, 1961. All were taken between midnight and 2:00 a.m. and were nearly perfect. A perfect male Wallengrenia otho was taken at blacklight in suburban Philadelphia, August 18, 1961, a cool misty night.

CHRISTOPHER C. CURTIS, Cope House, Awbury Park, Philadelphia 38, Pa., U. S. A. WILLIAM F. BOSCOE, 5924 Devon Pl., Philadelphia 38, Pa., U. S. A.