

frons black; body brownish; small off-white subdorsal patches at anterior margin of each body segment; black irregular V patch containing each abdominal spiracle continuous forming V's on venter of abdominal segments; off-white patch anterior to each spiracle.

**S. teucaria** Stkr. *Quercus garryana*; southern Vancouver Island. **Larva:**  $\frac{3}{4}$  inch; dull lime-green, wide pale subdorsal stripes; yellow spiracular line; ventral and anal prolegs marked with crimson.

**S. setonana** McD. *Juniperus scopulorum*; southern Interior. **Larva:** 1 inch; greenish head, may have light brown herringbone pattern; white patch on either side of frons containing seta ii (Dyar); body, green (apparently there is also a grey phase); subdorsal stripe broken, irregular; small blackish spot at intersegmental area on dorsum; black V patch through spiracles; white patch anterior to spiracle and rusty patch below; four white lines on venter.

**S. neptaria** Gn. *Salix* spp.; southern and central Interior, Vancouver Island. **Larva:** 1 inch; head, reddish brown with curved brown band above frons; body, yellow-brown; broken white addorsal lines; brownish patch under abdominal segment 2.

**S. hebetata** Hlst. *Salix* spp.; Canal Flats, Connell Creek, Manson Creek, LeJeune Lake and at various points in the Yukon between miles 916 and 1190 on the Alaska Highway. **Larva:** 1 inch; head, brownish with black transverse lines above and below frons; body, dark purplish-pink with banded appearance; broken, off-white or yellowish addorsal line and subspiracular stripe; blackish patches about spiracle.

**S. continuata** Wlk. *Tsuga heterophylla*, *Thuja plicata*; southern Coast. **Larva:**  $\frac{1}{2}$  inch; head, large and green; body, bright green with cedar-twigg-like pattern; broken white lines; pale spiracular line.

### BOOK REVIEW

Annual Review of Entomology, Vol. 3. (E. A. Steinhaus and R. F. Smith, editors). 1958. Annual Reviews, Inc. Palo Alto, Calif., pp. vii - 520.

A slightly astringent reviewer of entomological books for the Quarterly Review of Biology, Prof. George C. Wheeler, complained (*Ibid* 32 (2): 191) that Vol. 1 of this series "might have been more appropriately entitled an 'Annual Review of Applied Entomology' since 70 per cent of its pages are devoted to that branch". His criticism is no longer valid; Vol. 2 had about 45 per cent economic content, and Vol. 3 has a mere 30 per cent. In this reviewer's opinion, the balance is now about right. Much of the support for the parent society and the Annual Review comes from applied entomologists, entitling them to their one-third share, even to the section on air-blast spraying which seemed particularly to irritate the critic mentioned. Since some of the best current work is applied, or at least economically motivated, the editors can scarcely reduce the economic papers below their present level and still claim to represent the profession.

The volume seems to be top-heavy with U.S. contributions in the proportion of 15 to 8 for the rest of the world. Origins of the latter are: the U.K. 3, Canada 3, Australia 1, and France 1. The non-English

speaking world seems to be poorly represented. Of the 64 papers in the first 3 volumes, only 2 have come from Continental Europe, none from Scandinavia, India or Russia. Would not an occasional review by region as well as by topic be acceptable? A chapter entitled, for example, Entomology in the U.S.S.R. would be read with considerable interest.

Two minor irritants persist in Vol. 3, both concerning the citation of literature. In soliciting a review, could not the editors suggest that the names of authors cited be left out of the text, except when discussing differences of opinions as in A. J. Nicholson's "Dynamics of Insect populations"? The text is more swiftly read without them, and the reputation of the reviewer himself should be the guarantee that only the best contributions in the field are being surveyed. The second criticism follows from the first.

In a review, the sources are of prime interest, hence it is no more than courteous to list them alphabetically so that they are quickly available. Fortunately, only 9 of the 23 reviews have non-alphabetic references, not including the largest list with 285 titles.

The authors and topics for Vol. 4 have been announced. It appears that the high standards are to be maintained.

H. R. MacCarthy.









*Printed by*  
CHAPMAN & WARWICK LTD.  
VANCOUVER, B.C.