

INSECTS (OR NEAR RELATIVES) OF ECONOMIC IMPORTANCE RECENTLY NOTED IN BRITISH COLUMBIA

One of our members, Mr. A. D. Heriot, has pointed out the value of records of economically important insects, or near relatives, of recent discovery in British Columbia. Such lists have been published in the Proceedings from time to time and have been most useful for reference. The Secretary, therefore, has compiled the following list from reports sent in by various members. The name of the member, or other person reporting, appears in parentheses at the end of each citation.

Orthoptera

- Gryllus domesticus** L., Vancouver, Oct. 1934 (J. K. Jacob).
Periplaneta australasiae (Fabr) Trail, 1935 (H. B. Leach from P. A. Watts).
Stenopelmatus longispina Brunner, Vancouver, in wholesale fruit section, probably imported in California fruit. (G. J. Spencer from A. F. Barss, University of B.C.).

Thysanoptera

- Taeniothrips gladioli** M. & S. (*Gladiolus* thrips), first appearance, 1933, now over lower Fraser Valley (R. Glendenning).
Taeniothrips inconsequens (Uzel), Vernon district, 1931, on pear (A. D. Heriot).

Homoptera

- Chermes abietis** L., Vernon district, 1934, on Norway spruce (A. D. Heriot).
Chermes cooleyi Gill., Vernon district, 1934, on Douglas fir and Engelmann spruce (A. D. Heriot). This species has been present for a long time.
Pineini (Chermes) coloradensis Gill., Vernon district, 1934, on lodgepole pine and yellow pine (A. D. Heriot).
Dialeurodes chittendeni Laing, Victoria, April 16, 1934, host Rhododendron (W. Downes).
Empoasca abbreviata De Long, Vernon district, 1932, on cover crop alfalfa (A. D. Heriot).
Gossypia spuria (elm scale) Vancouver, 1933, European and American elms became heavily infested. Mode of introduction unknown (R. Glendenning).
Pseudococcus maritimus Ehrhorn, Cowichan, April 1934; host passion vine and many greenhouse plants (W. Downes).

Typhlocyba pomaria McAtee, Vernon district, 1932, on apple (A. D. Heriot).

Coleoptera

Byturus unicolor Say, Grand Forks, 1935, a Dermestid beetle breeding in raspberries (M. H. Ruhmann).

Criocerus asparagi L. (asparagus beetle), Vancouver, B.C., June 1, 1933 (J. K. Jacob), Vancouver, 1934, (W. G. Mathers), 1935 (R. Glendenning and R. A. Cumming). Present range unknown.

Hylastinus obscurus Marsh (clover-root borer) Saanichton, Sept. 20, 1935, host clover (W. Downes).

Mezium americanum Lap., Victoria, July 17, 1934, in stored products (W. Downes).

Phloeosinus sequoiae Hopk., Vancouver, 1934, damaging Lawson's cypress in a nursery (R. Glendenning). A native of B.C. quite common in western red cedar (G. R. Hopping).

Tachypterellus quadrigibbus Say (apple curculio) Salmon Arm, attacking young pears (E. R. Buckell).

Lepidoptera

Depressaria herachana (parsnip webworm) Coldstream, Vernon district, 1935, apparently the first record for this region (E. P. Venables).

Dichomeris marginella Fab., Victoria, June 15, 1934, host, spiny junipers (W. Downes), Summerland, 1934, defoliating junipers (R. Glendenning); Vancouver, 1934, on spruce in a cemetery (R. Glendenning).

Laspeyresia nigricana (pea moth). This insect became a pest of serious importance in 1933 in the Sumas area. Its presence in the Province before is doubtful.

Laspeyresia piperiana Kft. (yellow pine-cone moth), May 11, 1935, Vernon district (A. A. Dennys).

Hymenoptera

Coelopisthia nematicida Pack., Fernie district, 1934, an important parasite of *Lygaeonematus erichsonii* Hartig (European larch sawfly) (G. R. Hopping).

Lygaeonematus erichsonii Hartig, Fernie district, first reported in 1933, but evidently present for at least four years previously, host *Larix* (G. R. Hopping, through the B.C. Forest Service).

Mesoleius tenthredinis Morley, shipments from Eastern Canada liberated in 1934. Field recoveries made in 1935, host European larch sawfly (R. Hopping, H. B. Leech).

Prospattella aurantii (Howard) Vernon district, 1933, host *Aspidiotus ostreaeformis* Curtis (A. D. Heriot).