



### BRITISH COLUMBIA

**First North American Record of *Pandemis ribeana* (Hubner) at Victoria, B.C.**—During 1965 many native oaks, *Quercus garryana* Dougl., were raggedly defoliated by the activities of *Pandemis ribeana* (Hubner) (Lepidoptera: Tortricidae), a small leaf roller. This caused considerable concern among householders who value the oaks as ornamentals and shade trees. Most of the feeding occurred in early May when the leaves were small, and thus the damage became more apparent as the season progressed and the branches produced only tatters of leaves. Defoliation by the normally large and varied insect population on Garry oak later became unusually evident because so much foliage had already been destroyed by *Pandemis*. Although oak insects in the Victoria area have been studied intensively, only a single specimen of *P. ribeana* had previously been recovered (1964, first North American record), and the sudden appearance of such a large population was surprising. It is believed that the species must have been present on other host plants for some time. *P. ribeana* is a common European insect, feeding on a wide variety of plants, and occasionally causing damage. It would be relatively difficult to control because of its leaf rolling habit and its wide host range. To date, the 1966 population at Victoria continues at a high level with very erratic distribution, and it is being watched closely.—D. Evans.

### RECENT PUBLICATIONS

- Bird, F. T. The development of a cytoplasmic polyhedrosis virus in the spruce budworm, *Choristoneura fumiferana* (Clemens). Can. J. Microbiol. 12:337-339. 1966.
- Bloomberg, W. J. The occurrence of endophytic fungi in Douglas-fir seedlings and seed. Can. J. Botany 44: 413-420. 1966.
- Cauchon, René and G. B. Ouellette. Cultural characters of *Phlebia atkinsoniana* W. B. Cooke. Can. J. Botany 44: 527-528. 1966.
- Hubbes, Martin. Inhibition of *Hypoxyylon pruinaum* (Klotzche) Cke. by aspen bark meal and the nature of active extractives. Can. J. Botany 44: 365-386. 1966.
- Laut, John G. Cultural characteristics of three species of *Boletinus*. Can. J. Botany 44: 395-402. 1966.

Laut, John G., B. C. Sutton and J. J. Lawrence. Brown spot needle blight in Canada. Plant Disease Rept. 50: 208. 1966.

McLeod, J. M. The spatial distribution of cocoons of *Neodiprion swainei* Middleton in a jack pine stand. I. A cartographic analysis of cocoon distribution, with special reference to predation by small mammals. Can. Entomol. 98: 430-447. 1966.

Morris, Oswald N. RNA changes in insect tissue infected with a nuclear-polyhedrosis virus. J. Invertebrate Pathol. 8: 35-37. 1966.

Ouellette, G. B. On *Thyriopsis halepensis* and its conidial stage. Mycologia 58: 322-325. 1966.

Ouellette, G. B. and L. P. Magasi. *Lophomerum*, a new genus of Hypodermataceae. Mycologia 58: 275-280. 1966.

Powell, J. M. A white spored *Peridermium stalactiforme* in Alberta. Plant Disease Rept. 50: 144. 1966.

Quednau, F. W. A list of aphids from Quebec with descriptions of two new species (Homoptera: Aphidoidea). Can. Entomol. 98: 415-430. 1966.

Reid, James and Colin Booth. The genus *Flageoletia* (Sacc.) Höhn. Can. J. Botany. 44: 445-451. 1966.

Reid, R. W. and J. A. Watson. Sizes, distribution, and numbers of vertical resin ducts in lodgepole pine. Can. J. Botany 44: 519-525. 1966.

Shepherd, R. F. Factors influencing the orientation and rates of activity of *Dendroctonus ponderosae* Hopkins (Coleoptera: Scolytidae). Can. Entomol. 98: 507-518. 1966.

Shiroya, T., G. R. Lister, V. Slankis, G. Krotkov and C. D. Nelson. Seasonal changes in respiration, photosynthesis, and translocation of the  $^{14}\text{C}$  labelled products of photosynthesis in young *Pinus strobus* L. plants. Ann. Botany 30: 81-91. 1966.

Stairs, G. R. Quantitative differences in susceptibility to nuclear-polyhedrosis virus among larval instars of the forest tent caterpillar, *Malacosoma disstria* (Hubner). J. Invertebrate Pathol. 7: 427-429. 1965.