

extended without particular definiteness and extend deep into the wood or near the bark, and become much convoluted affairs. The result is a fatal girdling. Dark reddish-brown spots often form on the bark above where the tissue is riddled. Various species of birch are attacked. Mr. W. F. Turner records this species as infesting pecan. Burke states that it attacks poplars, cottonwoods, aspens and balm-of-gileads. Galls on branches of willow (Davis). On poplar leaves and ovipositing in trunk of living poplar (Frost). Where the references refer to birch and poplar, they are undoubtedly correct, but there is a possibility of *anxius* having been confused with other species where other food plants are mentioned.

A. acutipennis Mann.

Blanchard, Ent. Amer., Vol. V, p. 32, 1889.

Blanchard, Tr. Am. Ent. Soc., Vol. XVIII, p. 308.

Chittenden, Bul. 22, n. s., U. S. D. A., Div. Ent., p. 67, 1900.

On foliage of oak shrubs (Blanchard). On foliage of *Corylus americana* and red oak (Frost).

A. auricomus Frost.

Frost, Can. Ent., Vol. XLIV, p. 250, 1912.

A. couesii Lec.

Chittenden, Bul. 22, n. s., U. S. D. A., Div. Ent., p. 67, 1900.

Cockerell, Jour. N. Y. Ent. Soc., p. 150, 1897.

On *Mentzelia nuda* (Cockerell).

A. pulchellus Blanch.

Chittenden, Bul. 22, n. s., U. S. D. A., Div. Ent., p. 68, 1900.

Breeds in roots of *Erigeron* (Hubbard & Schwarz).

A. cephalicus Lec.

Knull, Ent. News, Vol. XXXI, p. 10, 1920.

Reared from sapwood of dead dogwood (*Cornus florida*) (Knull). On leaves of *Corylus americana* (Frost).

(To be continued.)

DR. SEYMOUR HADWEN.

It will be regretted by many Entomologists and others throughout Canada that Dr. Seymour Hadwen, Pathologist of the Health of Animals Branch, Dominion Department of Agriculture, tendered his resignation and left Ottawa about the middle of June. He is to be congratulated, however, on being appointed Chief Pathologist of the United States Biological Survey. Dr. Hadwen, accompanied by Dr. Nelson, Chief of the Biological Survey, sailed for Alaska, from Seattle, on July 1st, to undertake a series of studies on the diseases affecting the reindeer and caribou. Dr. Hadwen will have several technical assistants with him, and a complete laboratory outfit from Washington accompanied the party. Their headquarters will be about one hundred miles inland from Nome.—Adapted from the "Entomological Branch News Letter."