

and has sent me several very interesting species. The following also deserve mention, who have found one species each: Messrs. John Morley, R. J. Crew, A. H. McKay, and Rev. G. W. Taylor. Of the 46 species cited, I have had the pleasure of studying 36. The bibliography given refers only to such works as make mention of British North American species.

COCCINÆ.

Eriococcus, Targ.-Tozz.

Eriococcus borealis, Ckll., 1899. (Native.) Found on willow (*Salix*) at Dawson City, 64° N. Lat., by Mr. John Morley.

Bibl.—CANADIAN ENTOMOLOGIST, Vol. xxxi. (1899), 370. Originally described from Dawson City, British North America.

Phenacoccus, Ckll.

Phenacoccus Dearnssi, n. sp. (Native.) Sac white, the sac wholly covering the body. ♀ dark red-brown. Boiled in caustic potash the derm is colourless. Legs and mouth-parts ochreous. Antennæ pale yellow, 9-jointed: 3 longest, although 2 + 3 are sometimes equal, 9 next and a little longer than 1, 5 + 8 next and equal, 6 + 7 are shortest and equal. The joints are quite variable in length, as will be seen from the following measurements:

Joint	1	2	3	4	5	6	7	8	9	
	40	56	60	28	44	36	36	32	60.	Formula (39)215(67)84.
	40	60	60	32	26	28	28	32	52.	" (23)915(48)(67).
	40	52	52	40	40	28	28	32	52.	" (239)(145)8(67).
	44	56	52	24	36	32	56	60	an 8-jointed form,	hardly adult.

Legs short, stout.

Middle leg: coxa, 80; fem. with troch., 180; tibia, 116; tarsus, 72; claw, 24.

Hind leg: " 88; " " 200; " 148; " 84; " 24.

Scattered over the body are several long thin hairs and short thick spines. The gland-pits are not numerous, and are very small. Caudal tubercles large, round, with two long setæ, and several long thin hairs; the tubercles are well covered with short, stout, spear-shaped spines. Young larva: Antennæ 6-jointed, measuring as follows: Joint—(1)24. (2)32. (3)40. (4)24. (5)24. (6)68.

Hab.—On an old hawthorn tree near London, Ontario, June, 1900. Collected by Mr. John Dearnss, to whom the insect is dedicated. This species is allied to *P. gossypii* and *P. helianthi*, but differs from both in the legs being much shorter, and in the colour of the legs and antennæ.

(TO BE CONTINUED.)