## The

VOL. XXXV.

## LONDON, AUGUST, 1903.

Canadian Kntomologist.

DESCRIPTION OF A NEW NORTH AMERICAN CULEX. BY FRED. V. THEOBALD, M.A., BRITISH MUSEUM, LONDON, ENGLAND.

Amongst a number of Culicidæ sent me by Professor Kellogg from California, collected by himse'f and the students of Leland Stanford Junior University, is a very distinct new Culex, which is here described as Culex Kelloggii.

The collection contained several interesting species besides this one, including a new Anopheles, called by Professor Kellogg Anopheles franciscanus ; specimens of the European Theobaldia annulata, Meigen, and the marked Theobaldia incidens, Thomson, and several others, which he will refer to elsewhere, including another new Culex. It may be here pointed out that Coquillett's Culex Curriei, now included in my new genus Grabhamia, is very closely allied to Grabhamia dorsalis, Mg. It is, however, a smaller and thicker set insect, and has the last hind tarsus white. This collection also included a series of Curriei, as well as Anopheles maculipennis, Mg., and A. punctipennis, Say. The A. maculipennis are smaller than they usually occur in Europe.

Culex Kelloggii, nov. sp.-Thorax brown, with rich reddish-brown scales showing linear arrangement, two small pale spots, some rows of gray scales behind and on the scutellum. Proboscis black, with a white band. Abdomen black, with basal white bands and lateral spots. Legs black; femora pale at base, with a white line or row of spots, also the tibiæ, with a line of white spots. Metatarsi and tarsi showing apical and basal white banding ; last hind tarsus with a black median band or all white. Wings unspotted.

Q .-- Head brown, clothed with narrow-curved gray scales in the middle and behind, white ones forming a border around the eyes, brown ones between ; at the sides small flat white scales, in the middle are numerous ochraceous upright forked scales, laterally the upright forked scales are black, two long brown bristles project forward between the eyes. Palpi black-scaled, with some large white scales at the apex, and some forming

No. 8