18. **Vireo huttoni.**


Supra sordide olivaceus, piceo paullo cinerascence; oculis sordide albo conspicillatiis; alis et cauda fuscio-nigris dorsi colore limbatis, illis albo bifasciatis; subitus dilutior, abdomine medio albicantio; rostro corneo, pedibus plumbeis. Long. tota 4-6, alae 2-5, cauda 1-85, rostri a rictu 0-6, tarsi 0-72. (Deser. maris ex Volcan de Fuego, Guatemala. Mus. nostr.)

*Hab. North America,* California——Mexico, Monterey (Couch 4), alpine region of Vera Cruz (Sumichrast 6), valley of Mexico (le Strange), Cosamaloapan, Cinco Señores, and La Parada (Boucard); Guatemala, Volcan de Fuego (O. S. 8).

According to Prof. Sumichrast, **Vireo huttoni** is resident in the alpine regions of the State of Vera Cruz in Mexico; and the same is probably the case throughout its Mexican range, and also in Guatemala. As to the latter country nothing positive can be said on this point, as we only know of its existence in that country from a specimen having been obtained by Salvin at Calderas in the Volcan de Fuego at an altitude of about 7300 feet above the sea. This specimen was a male, and was shot on October 10th, 1873.

**Vireo huttoni** was first described by Cassin from specimens obtained near Monterey, in California; and it has since been found in that State in winter up to the 38th parallel; so that everywhere throughout its range this species would appear to be a much more sedentary bird than is usual with members of its family.

Of its nest and eggs Brewer, when compiling his account of the bird, was only able to quote a note of Mr. Xantus, who says he found a nest with eggs on May 8th at Fort Tejon, in California; the former was a foot from the ground, loosely put together, and suspended from three stems of weed under the high trees.

19. **Vireo carmioli.** (Tab. XII. fig. 3.)


Supra olivaceus, oculis flavo conspicuus conspicillatissimae, alis et cauda nigricantibus olivaceo limbatis, illis flavido-albo bifasciatis; subitus later flavius, gula albicantior; rostro et pedibus plumbeis. Long. tota 4-5, alae 2-55, cauda 1-85, rostri a rictu 0-55, tarsi 0-75. (Deser. exempl. ex Volcan de Irazu, Costa Rica. Mus. nostr.)

*Hab. Costa Rica,* Dota Mountains (Carmiol 1), Volcan de Irazu (Rogers); Panama, Volcan de Chiriqui (Arcé).

Of this species but little is known. Two specimens obtained by Carmiol in the