

open and seizes the fly with its mandibles. I have never seen the forceps used for this purpose. The food may be carried at once into the burrow, or

tucked under any convenient stone or chip.

1 Buckell E. R. 1930 Ent. Soc. B. C., 27: 22-23, also, Spencer G. J. 1926 Can. Ent. 58 (8): 183-184.

2 Bennett C. B. 1904 Psyche, II (3): 47-53.

NOTES ON VANCOUVER ISLAND AND WEST COAST COLEOPTERA

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The following notes concern certain coleoptera belonging to the families Carabidae, Lucanidae and Cerambycidae and include references to new locality records and to matters of biological or ecological significance.

CARABIDAE

Zacotus matthewsii LeC. As this handsome species is comparatively rare in collections, its occurrence is worth passing mention, particularly as in the present instance, when it was found in the crop of a screech owl taken on Goose Island, B. C., by G. J. Guiguet during the summer of 1948. Three specimens were extracted from the crop, all sufficiently well preserved to make identification certain. The crepuscular habit of this species is no doubt one reason why it is not more common in collections. Evidently the owl, whose appearance abroad coincides with that of the beetle, had no difficulty in finding it in numbers.

Z. matthewsii was originally described by LeConte in 1868 from specimens collected on Vancouver Island by Mr. Matthews, for whom the species was named. So far as I am aware the above is the first record for Goose Island and provides a considerable northern extension of the known range for the species. Goose Island lies off the mainland just south of parallel 52° and some 80 miles to the north of Cape Sutton, Vancouver Island.

LUCANIDAE

Ceruchus striatus LeC. Two speci-

mens of this characteristic species were taken from the crop of the same screech owl. While common, the mode of capture is somewhat unique. This is also a first record for Goose Island.

CERAMBYCIDAE

Plectrura spinicauda Mann. A wing case and head of this unusual Cerambycid were found in the crop of another screech owl collected at the same time and place. This species is reported along the coast from Alaska to California, though not known formerly from Goose Island.

Eumichthus oedipus LeC. A single specimen of this scarce beetle collected at Buttle Lake, Vancouver Island, on July 22, 1948, by E. G. Harvey of the Victoria Forest Insect Laboratory establishes a new locality record.

Dicentrus bluthneri LeC. One individual of this apparently very local British Columbia species was obtained on Valdez Island by E. G. Harvey, May 14, 1948. This constitutes a new locality record and to my knowledge, only the third for British Columbia. All three places are quite close together, Duncan, Valdez Island, and Pender Island. In connection with the last-named place, I have a note made from a conversation with G. R. Hopping, to the effect that he took it in numbers at Pender Harbour in May, 1926, where it was running about and pairing on poles of recently cut hemlock *Tsuga heterophylla*.