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Reference

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***PTEROSTICHUS STRENUUS* PANZ.,
A NEWLY-DISCOVERED PALAEARCTIC SPECIES IN THE
VANCOUVER AREA (COLEOPTERA: CARABIDAE)**

There are about 17 species of palaeartic Carabids known to be introduced from Europe into British Columbia, largely to the Vancouver area. Most were known for some time but some were discovered only recently. Lindroth (1957), in his excellent treatise on faunal connections between Europe and North America, postulated that practically all of those species were introduced with ship's ballast (Scudder 1958). An attempt is being made by the Entomological Society of Canada in its Biological Survey Project to collect all the available data on the distribution of introduced *Carabidae* in this province. I hope to compile a detailed list of the species with their known places of occurrence in the near future. Thus, this note may be of interest.

To the list of introduced species compiled from Lindroth's monograph (1963-1969) and supplemented by my own collecting and observation during the past 29 years I am able to

add *Pterostichus strenuus* Panz., which has been taken recently in Vancouver.

The first specimen, a female, was collected on 8 June, 1968 on the marshy edge of a ditch, close to Beaconsfield Park in East Vancouver. All attempts to collect more specimens at the time were unsuccessful. Three more specimens, a male and two females, were collected by Prof. G. G. E. Scudder of UBC on 21 August, 1973 in a marshy area at the foot of Olympic Street in Vancouver (UBC Coll.). These specimens are at present the only records from the Pacific Coast of North America.

Pterostichus strenuus is distributed through the whole northern Palearctic. In North America it has been known since 1937, restricted to a small area of southeastern Newfoundland, where it is a species of open, moderately moist grassland, often close to the sea (Lindroth, 1955). In Vancouver it appears to be more hygrophilous and less common.

References

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