New records and additional data on the distribution of some species of *Hydroporus CLAIRVILLE* (Coleoptera: Dytiscidae)

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Abstract

New data on the distribution of 13 Palearctic and Nearctic species of *Hydroporus CLAIRVILLE* (Coleoptera: Dytiscidae) are provided.

**Key words:** Coleoptera, Dytiscidae, *Hydroporus*, faunistics, new records, Palearctic Region, Nearctic Region.

Introduction

The genus *Hydroporus CLAIRVILLE* is a speciose Holarctic genus of diving water beetles. It includes 162 species (NILSSON 2001, 2003a, SHAVERDO 2003). The distribution of some species is still not well known.

I have studied a large set of material from different collections mentioned below and discovered some new faunistic data for several *Hydroporus* species from the Nearctic and the Palearctic Regions. Most of these records are from areas contiguous with known distributions of the taxa.

Material and methods

Specimens were identified using relevant taxonomic literature and with reference to authoritatively identified specimens and types. The recently published "Catalogue of Palaearctic Coleoptera" (NILSSON 2003b) was used to get information on the distribution of Palearctic species. For data on the ranges of Nearctic species LARSON et al. (2000) and GORDON (1969) were consulted. All specimen data are quoted as on the locality labels. Label text is cited using quotation marks separating different labels. Comments in square brackets are those of the author. The specimens were studied from the following museums and private collections:

CAS California Academy of Sciences, San Francisco (D.H. Kavanaugh, R. Brett)
CGC coll. G. Challet, California
CGW coll. G. Wewalka, Vienna
CHS coll. H. Shaverdo, Vienna
CNC Canadian National Collections of Insects, Arachnids, and Nematodes, Eastern Cereal and Oilseed Research Center, Research Branch, Ottawa (A. Davies)
JBWM J.B. Wallis Museum, University of Manitoba, Winnipeg (R.E. Roughley)
MSU Moscow State University (P. Petrov)
MSUB Montana State University in Bozeman, Bozeman (M. Ivie)
NMW Naturhistorisches Museum Wien, Vienna (M.A. Jäch)
OSU Oregon State University, OSU Systematic Entomology Laboratory, Department of Entomology, Corvallis (N. Anderson, G.L. Peters)
ZISP Zoological Institute, Russian Academy of Sciences, St.-Petersburg (A.G. Kirejtshuk)
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Faunistic notes

**Hydroporus aurora** Larson & Roughley [*striola* group]

CANADA: Yukon Territory: "Y.T., British Ms. Firth R., 250 m 69°13', 140°04' J.M. Campbell", "18.VI.1984 84-8, treading around edge of small pond" – 2 δ σ, 5 φ φ (CNC). First record from Yukon Territory.

**Hydroporus carri** Larson [*transpunctatus* group]


USA: Washington: "Monroe Wash. VII, 4-14, 05" – 1 φ (CAS). First record from Washington.


**Hydroporus fuscipennis** Schaum [*fuscipennis or planus* group]


The species was recorded from Michigan by Gordon (1969), but his records are in need of confirmation since they might refer to *H. larsoni* Nilsson too.


**Hydroporus klamathensis** Larson & Roughley [*transpunctatus* group]

The species was recently described and reported from south-western Oregon: Klamath County and northern California: Sonoma County (LARSON et al. 2000). The present records show that *H. klamathensis* is wide spread in Oregon and northern California.

**Hydroporus larsoni** NILSSON  
[fuscipennis or planus group]  

**Hydroporus occidentalis** SHARP  
[appalachius group]  
USA: Wyoming: "USA, Wyoming, 120 km S Jackson, 30 km S Afton leg. Wewalka, 17.7.1996 (9)" – 1 σ (CGW).  
The species was recorded from Oregon and Wyoming by GORDON (1969).

**Hydroporus pubescens** (GYLLENHAL)  
[fuscipennis or planus group]  

**Hydroporus rufinasus** MANNERHEIM  
[puberulus group]  
USA: Minnesota: "USA, Minnesota Mille Lacs, 28.9.89 leg. Wewalka" – 1 σ, 2 exs. (CGW). First record from Minnesota.

**Hydroporus sinuatipes** FALL  
[sinuatipes group]  
The species is known from California, Oregon, Washington, and south-western British Columbia. According to the present record the species probably occurs through southern British Columbia to southern Alberta.

**Hydroporus striola** (GYLLENHAL)  
[striola group]  
The species was recorded from Oregon by GORDON (1969).

**Hydroporus tristis** (PAYKULL)  
[tristis group]  
USA: Minnesota: "USA, Minnesota Mille Lacs, 28.9.89 leg. Wewalka" – 2 exs. (CGW).
The species was recorded from Minnesota by Gordon (1969).

**Hydroporus transpunctatus CHANDLER**

**[transpunctatus group]**


**Hydroporus uenoi NAKANE**

**[tristis group]**


**References**


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