

ODONATA COLLECTED IN BANFF NATIONAL PARK, ALBERTA, CANADA, DURING THE SEVENTH INTERNATIONAL SYMPOSIUM OF ODONATOLOGY

The Seventh International Symposium of Odonatology was held at Calgary, Alberta, Canada on 14-21 August 1983. During the post-symposium tour on 20-21 August collections were made at nearby Banff National Park; the following species list was compiled for inclusion in a report to Parks Canada on the odonatological activities of the tour.

Vermilion Pass (Continental Divide, Highway 93, alt. 1667 m). - A small lake on the eastern side of the Alberta/ British Columbia border was visited from 12.30-13.15 h on 20 August. The western end of this rock and *Carex* bordered lake produced low numbers of *Enallagma boreale* Sel., *Aeshma juncea americana* Bart. and *Somatochlora semicircularis* (Sel.).

"Precambrian Rock Outcrop" (3 km E. of Lake Louise, Highway 1A, alt. 1477 m).

Fifteen species were collected at this old beaver pond, now mostly filled with *Carex* and bog vegetation, from 14.00-15.15 h on 21 August. Most species were segregated according to the following habitats: A — open surface of large pond; B — *Carex* margins of large pond; C — flooded *Carex* stands, mostly at bog edges near trees and road; D — open bog with sparse, low vegetation of mosses, grasses and other monocots; E — puddles of water containing floating mats of algae (in area D). Relative abundance is indicated by a number from 1 (rare) to 5 (abundant). The taxa recorded are: *Lestes disjunctus* Sel., BC3; — *Coenagrion resolutum* (Hag.), B2 (late in flight season, pair in copula); *Enallagma boreale* Sel., B2; *Aeshma eremita* Scudd., AB3; *A. interrupta* Wlk., BC1; *A. juncea americana* Bart., B4; *A. palmata* Hag., C2 (pair in copula); *A. sitchensis* Hag., DE5 (pairs in copula); *A. subarctica* Wlk., C1; *Somatochlora albicincta* (Burm.), B3; *S. cingulata* (Sel.), A1 (female ovipositing); *S. franklini* Sel., C12; *S. semicircularis* (Sel.), C3;

S. whitehousei WIK, E3; — and *Sympetrum danae* (Sulz.), BC2.

Vermilion Lakes (Banff, alt. 1400 m). — Four species were observed along the *Carex* borders of these lakes between 16.00-16.30 h on 21 August: *Aeshna eremita* Scudd., *A. juncea americana* Bart., *A. palmata* Hag. and *Sympetrum danae* (Sulz.) were collected, *A. palmata* outnumbering all the other species combined.

On behalf of the International Odonatological Society (S.I.O.) and the Symposium Organizing Committee we thank Parks Canada for permitting the collection of Odonata in Banff National Park during the post-symposium tour and participants for providing specimen data.

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