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Expanding horizons... The first report of the genus *Mysmena* (Araneae, Mysmenidae) from continental North America, with the description of a new species[5]

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Abstract

Mysmena quebecana, a new species of the spider family Mysmenidae is here described. *Mysmena quebecana* was discovered in a spider bio-inventory survey of the Yamaska National Park (Québec, Canada). We therefore report the first occurrence of the family in this province, as well as the first member of the genus *Mysmena* for continental North America.

Key words: *Mysmena*, Yamaska National Park, Canada, bio-inventory

Mysmena quebecana, une nouvelle espèce d'araignée appartenant à la famille des Mysmenidae est décrite. Cette nouvelle espèce a été récoltée au Québec (Canada) et nous rapportons la première mention de cette famille dans la province, de même que le première espèce du genre sur le continent Nord-Américain. *Mysmena quebecana* a été découverte lors du bio-inventaire des araignées du Parc National de la Yamaska (Québec, Canada).

Introduction

An extensive spider bio-inventory of the Yamaska National Park (Québec, Canada) carried out in 2006–2007 resulted in the collection of ~ 10 000 adult spiders representing 234 species. This faunistic inventory used a well-balanced sampling effort using several complementary collecting methods: pitfall trapping, beating of the vegetation, Berlese extractions and water pans, in addition to samples collected in order to compare the robustness of the Coddington protocol (Coddington *et al.* 1991) and a new protocol proposed by PP and ND (in prep.). Several species records were new for the province (Paquin *et al.*, in press) and two new species of Linyphiidae were already described from this material (Dupérré & Paquin 2007). A surprising finding of this important collecting effort was the occurrence of a spider species of the family Mysmenidae. North American members of this spider family recently benefited from a review of their taxonomy, natural history and distribution (Lopardo & Coddington 2005), which facilitated the determination that the specimens found in the Québec province belong to a new species. Only six species representing five genera of this family of minute

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