

Response Statement - Nine-spotted Lady Beetle

January 11, 2017

Common Name: Nine-spotted Lady Beetle

Scientific Name: *Coccinella novemnotata*

Status assessment by the Committee on the Status of Endangered Wildlife in Canada (COSEWIC): Endangered

How the Minister of the Environment intends to respond to the assessment: The Minister of the Environment will forward the COSEWIC assessment of the Nine-spotted Lady Beetle to the Governor in Council as soon as possible following completion of the extended consultation period, and analysis as appropriate. During the extended consultation period the Minister of Environment will undertake consultations with the governments of British Columbia, Alberta, Saskatchewan, Manitoba, Ontario and Quebec, Indigenous Peoples, stakeholders, and the public on whether or not the Nine-spotted Lady Beetle should be added to the *List of Wildlife Species at Risk* (Schedule 1) under the *Species at Risk Act* as Endangered.

Once a species has been assessed by COSEWIC, further steps must be undertaken before it is added to Schedule 1 of the *Species at Risk Act*. For more information on this process, please view [The Species Listing Process Under SARA](#).

Reason(s) for status designation provided by COSEWIC: This species was once common and broadly distributed through southern Canada, from Vancouver Island through the prairies to southern Québec. It has since declined significantly and is now rarely seen. Despite targeted search efforts over the last decade, the species has decreased in abundance relative to other lady beetle species. Specific causes of the decline are unknown. Possible threats include introduction of non-native lady beetles, which could affect this native species through competition, intraguild predation, or introduction of pathogens. Other possible threats include decline in habitat quality through indirect effects of pesticide/chemical use associated with agriculture to control their prey species, urban expansion, and, abandonment and subsequent natural succession of farmland.

Occurrence: British Columbia, Alberta, Saskatchewan, Manitoba, Ontario, Quebec

Competent Minister(s):

Minister of Environment

Minister responsible for the Parks Canada Agency

Province(s) and territory (territories) to be consulted:

British Columbia

Alberta

Saskatchewan

Manitoba

Ontario

Quebec

Applicable federal legislation: When the species is found within national parks of Canada or other lands administered by the Parks Canada Agency, it is protected or managed under the *Canada National Parks Act* or through measures or management tools available to the Parks Canada Agency under other legislation.