

Red Lily Beetle Reporting Initiative Saskatchewan's iMapInvasives

The Saskatchewan Conservation Data Centre (SKCDC) administers an invasive species mapping and data management tool, *iMapInvasives*, which provides a platform for open data exchange and communication between regional invasive species efforts. By providing a central data repository for invasive species information, the SKCDC provides easily accessible, up-to-date information for researchers, land managers, and citizen scientists.

Partnering with the South Saskatchewan Lily Society, the SKCDC will manage information on the distribution of the Red Lily Beetle, *Lilioceris lili*, in Saskatchewan.



Please email observation and photos records to:

invasives.imap@gov.sk.ca

Or enter them directly into iMapInvasives:

<https://imapinvasives.natureserve.org/imap/login.jsp>

Please mail specimens to:

Beryl Wait

Saskatchewan Conservation Data Centre

Saskatchewan Ministry of Environment

102-112 Research Drive

Saskatoon, SK, S7N 3R3

For more information on *iMapInvasives*, including a step-by-step guide for new users, visit:

<http://www.imapinvasives.org/help-documents-toolbox>

For additional guidance, contact Beryl Wait at (306) 933-6436 or invasives.imap@gov.sk.ca



iMapInvasives
Sharing information
for strategic management

All observation records should include:

- Name of Observer
- Contact information for observer (email preferred)
- Date of observation
- Location of sighting
GPS coordinates, land location, address, etc.
- Habitat description
Was it found in cultivated or natural areas? What species was it found on? Etc.
- Any additional details that were recorded/observed
How many adults were observed? Did you use any control methods? What was the damage? Did you observe larvae?
- Please include a photograph (preferred) or specimen sample for identification purposes

Observations that are submitted to the SKCDC will remain unconfirmed unless they are accompanied by photographs or specimen collection.

Photographs:

Photographs will be used to confirm species identification, so please make sure that they are good quality, in-focus shots. Please include close-up top and side/bottom-view photographs.

Specimen collection:

A suggested method for preserving samples is to store them in a small vial, in hand sanitizer

Please label the vial/container with: location, observer, date of observation.

See how-to-guides on how to preserve specimens in hand sanitizer:

- 1) <https://thedragonflywoman.com/2011/02/21/hand-sanitizer-preservation/>
- 2) <http://www.slideshare.net/sdroege/how-preserve-insect-specimens-in-hand-sanitizer>

Note: it is not necessary to go through the “bubble removing” stage for the purpose of identification. Simply preserving dried beetle specimens in hand sanitizer will suffice.

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