



Backyard Bioblitz Program: SALAMANDER PROTOCOL



Salamanders will only be out in the open at dusk during rainfall - especially during the spring mating season. Otherwise, they are found hiding under moist cover like logs, rocks, and leaf litter. To increase your chances of finding salamanders on your property make sure to keep fallen logs and leaves on the ground in forested. Also, you can always put down old pieces of wood on the ground to provide extra cover. *Scan the QR code at the top of the page go to The Land Between Backyard Bioblitz Program homepage.*

Before participating in the Backyard Bioblitz program, please make sure that you have completed all of the steps and safety training on our website! When going out to look for salamanders, ensure you are dressed appropriately for the elements and have gathered all the equipment listed below. Like all of our other Backyard Bioblitz protocols, please make sure you have downloaded the iNaturalist app and have joined the 'The Land Between Backyard Bioblitz Program' project. *Scan the QR code to the right to join our iNaturalist project or to visit the page.*



PROTOCOL

Take at least 15-30 minutes to go for a walk around your property or community to find and flip over any natural cover or cover boards you have placed in your area. NOTE: any new cover boards that you have placed must sit for around a month before you are likely to find any salamanders under them. When flipping cover, take photos of any salamanders you find, or any snakes or skinks (these creatures will also use cover boards to hide under)! Make note of how much time you spent searching and how many cover pieces you have flipped over. Ensure that you replace any cover in the exact position it was in before you flipped it *and* that any animals that were under the board have moved out of the way before you put the cover back - so you do not injure them!

EQUIPMENT

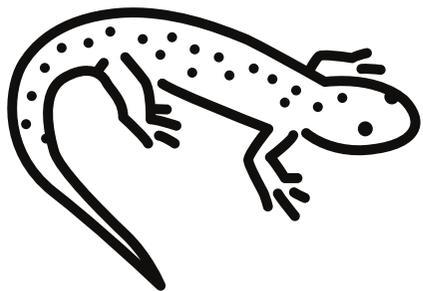
- Cell phone (or camera with GPS)
- Printed data entry sheet (if you can't directly submit to iNaturalist)
- Pencil or pen
- Gloves

TIPS FOR YOUR SEARCH

- Watch for wasps and hornets flying out from under cover before you flip!
- Do not put your hand under any cover because you do not know what may be underneath
- If you need to handle any salamanders wear clean gloves or rinse your hands with water because any soaps, moisturizers, or oils may harm them.



Safety Note:
Please read our Snake Supervisor safety protocols regarding venomous snake safety, QR on left





Backyard Bioblitz Program: SALAMANDER DATA SHEET



Welcome to our Salamander Data Sheet! Scan the QR code on the top left or visit <https://www.thelandbetween.ca/backyard-bioblitz/> to find our featured salamanders for this season! This sheet is designed for those who would like to keep paper documentation of their observations or learn more about different habitats and those who are unable to use iNaturalist while conducting their Bioblitz outside. After adding the information to this datasheet please submit your images and information to our iNaturalist project (if you are unable to do this you can send the data directly to us at info@thelandbetween.ca)! You can find our iNaturalist project titled *The Land Between Backyard Bioblitz Program* by searching for the project on iNaturalist or by scanning the QR code to the right.

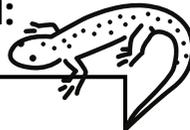


Survey Date:

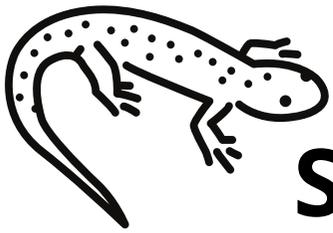
Start Time:

End Time:

Number of Cover Objects Flipped:



Description	Species ID	Cover type (Rock, log, board)	Cover size (Length width)	Other animals found under object	Location (ex: 45.231144, -78.303301)



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