




MVFN Lanark County Biodiversity

2021 Project Summary



MVFN - Lanark County Biodiversity

About

Members 60

The MVFN Lanark County Biodiversity is a citizen science project for MVFN members and friends to add to the biodiversity record of Lanark County. Also, the project is an effective way for MVFN members to share and learn from each other. So keep observing the natural world and sharing!

Read More > ⚙️ Your Membership

🌱 Edit Project 📅 Project Journal

Overview 17,454 OBSERVATIONS 2,762 SPECIES 1,596 IDENTIFIERS 56 OBSERVERS ⚡ Stats

<https://www.inaturalist.org/projects/mvfn-lanark-county-biodiversity>



MVFN Lanark County Project Summary

Overview	17,454 OBSERVATIONS	2,762 SPECIES	1,596 IDENTIFIERS	56 OBSERVERS
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Most Observations

ken_l_allison	4,183
windstonefarm	2,025
owenclarkin	1,665
nata_culhane	1,229
parasitengona	1,113
denisag2	1,034

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Most Species

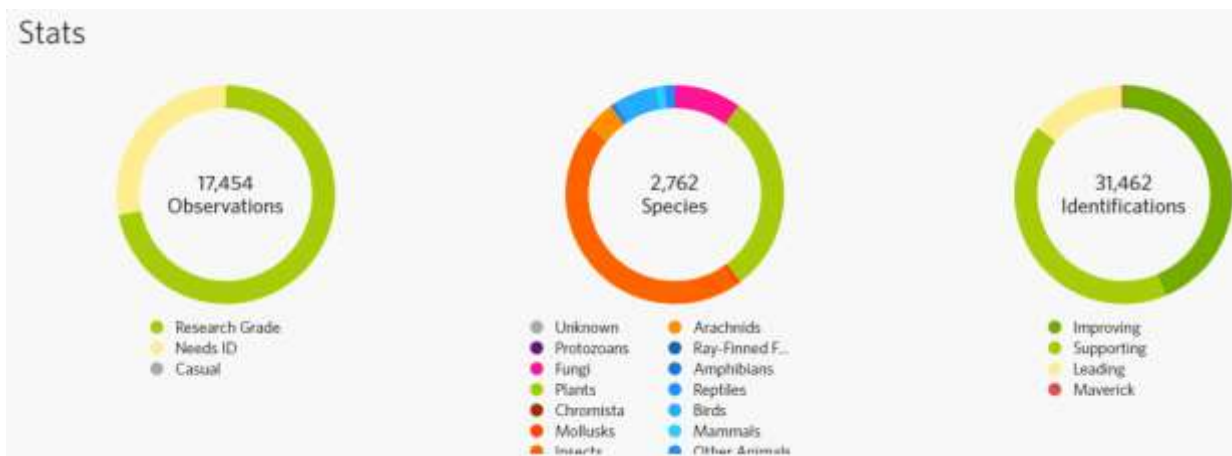
ken_l_allison	1,310
windstonefarm	809
parasitengona	757
nata_culhane	469
fergusnicoll	439
adam_kalab	435

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Most Observed Species

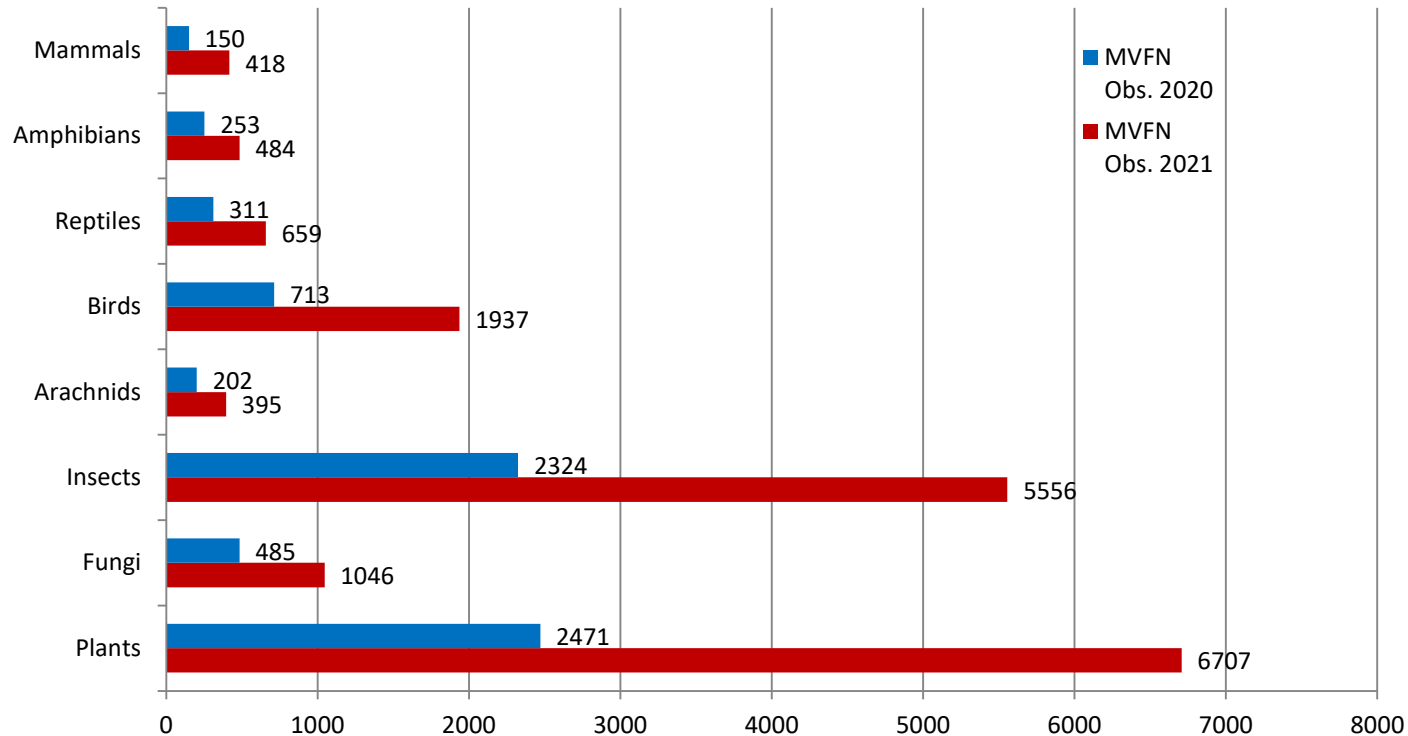
Painted Turtle	182
Rock Elm	129
Common Gartersnake	122
Eastern White Pine	119
Eastern White Cedar	115
Common Snapping Turtle	106

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Total MVFN Observations to the end of 2021 vs 2020

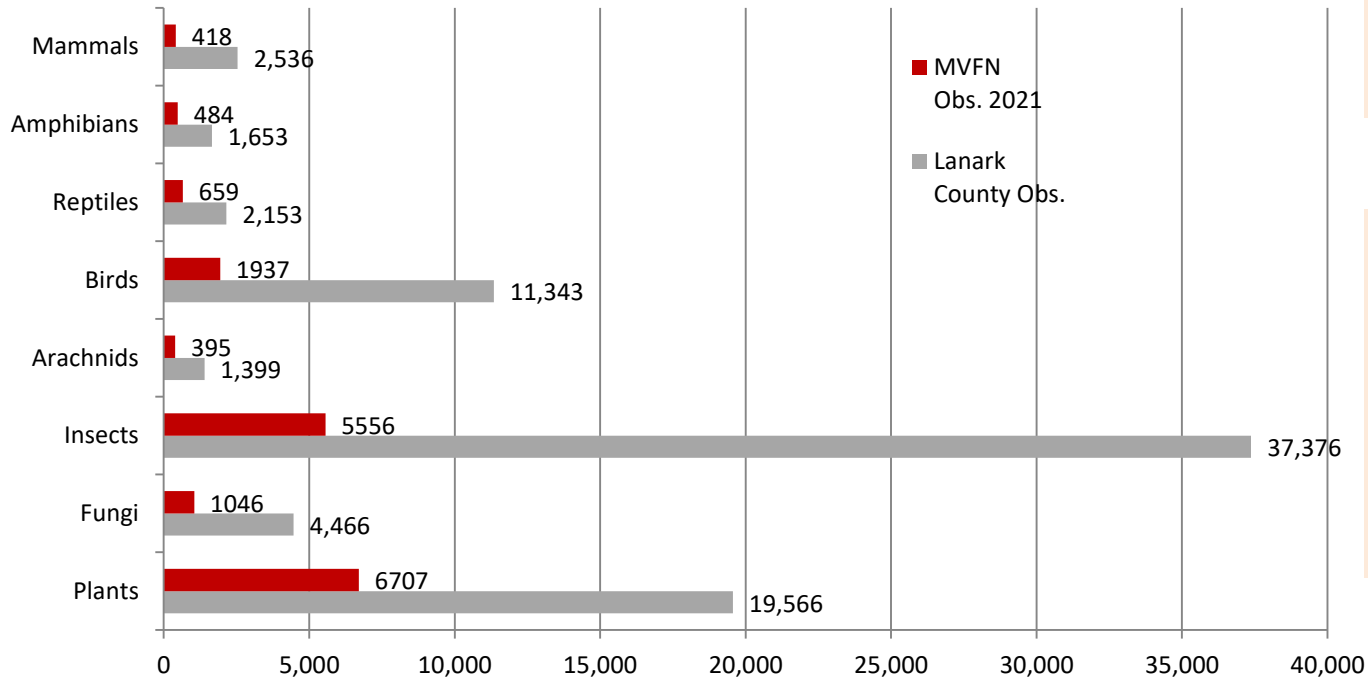


There was a large increase in observations posted in all categories.

- There was an overall observations increase of 149% from 2021 to 2020.
- The largest increase was for Mammals at 179%
- The smallest increase was for Amphibians at 91%



Total Observations by the MVFN project vs all of Lanark County observations to end of 2021



For the “MVFN Lanark County Biodiversity” project: [CLICK Here.](#)

For the open “Biodiversity of Lanark County” project: [CLICK Here.](#)

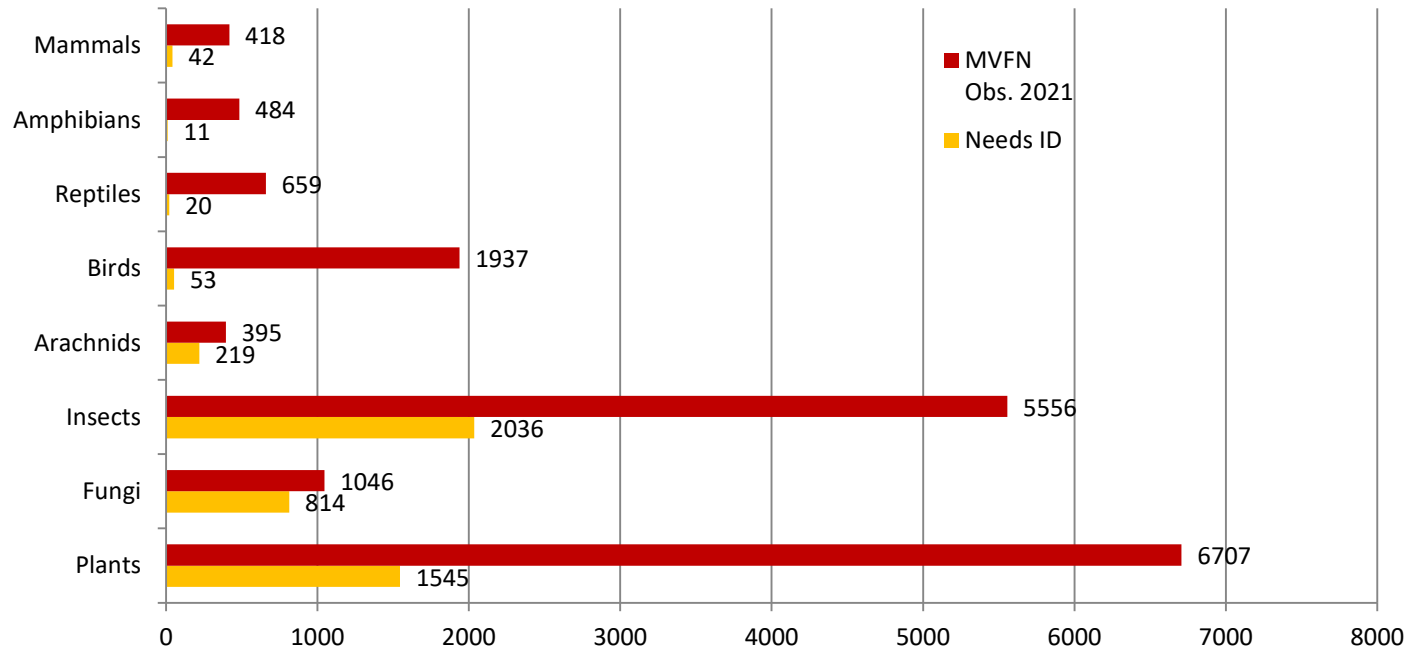
Note: The Biodiversity of Lanark County project is an open project that will contain all observations posted for the county (including the posting of the MVFN project).

The MVFN project has posted 21% of all Lanark County observations.

- MVFN’s Plants, Fungi, Arachnids, Reptiles, Amphibians are above the 21% average
- MVFN’s Fungi postings are at 23% of all Lanark County
- MVFN’s Insects, Birds, and Mammals are below the 21% average of all Lanark County



MVFN observation needing ID confirmations

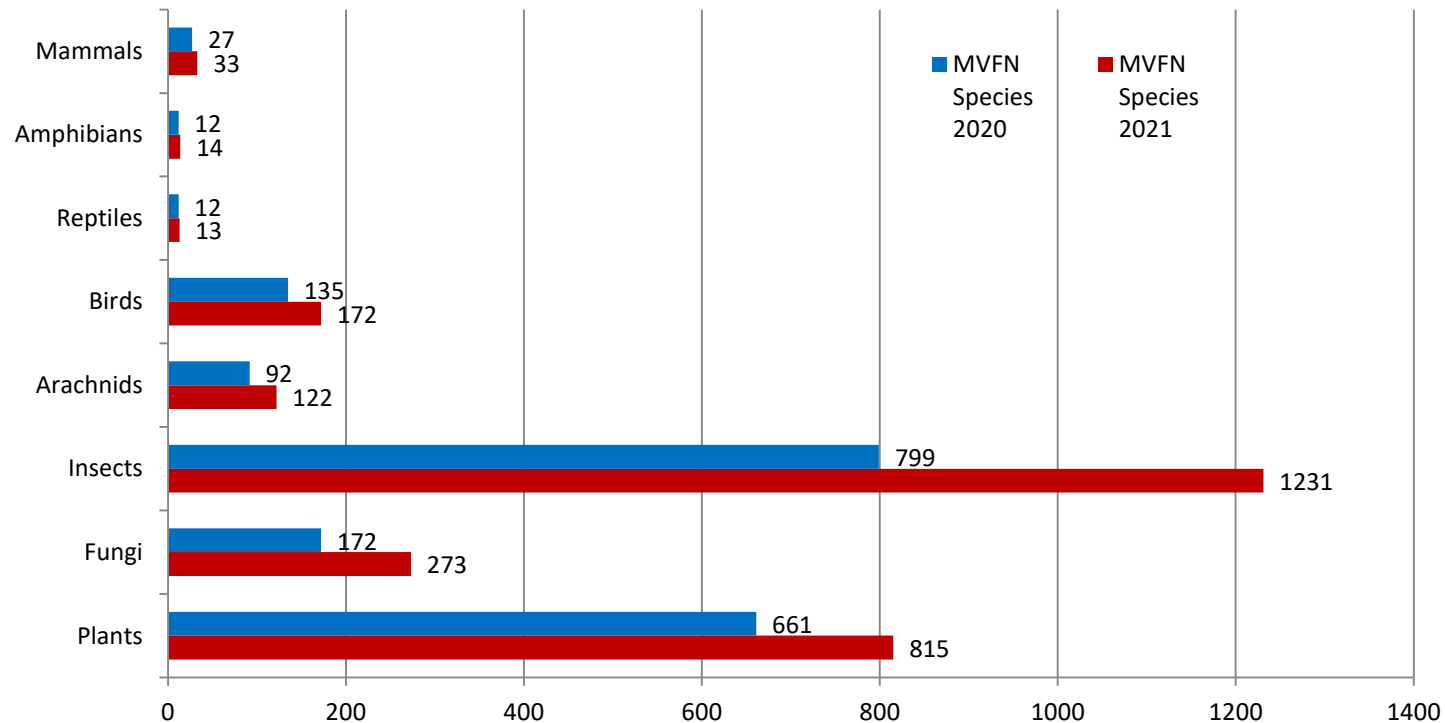


The categories that need the most species ID confirmation are Fungi and Arachnids.

- 78% of MVFN's Fungi postings still need ID confirmations
- 55% of MVFN's Arachnids (i.e. spiders) postings still need ID confirmations
- Insects and Plants are the next two categories that would be great to improve the IDs



Total Species to the end of 2021 vs 2020

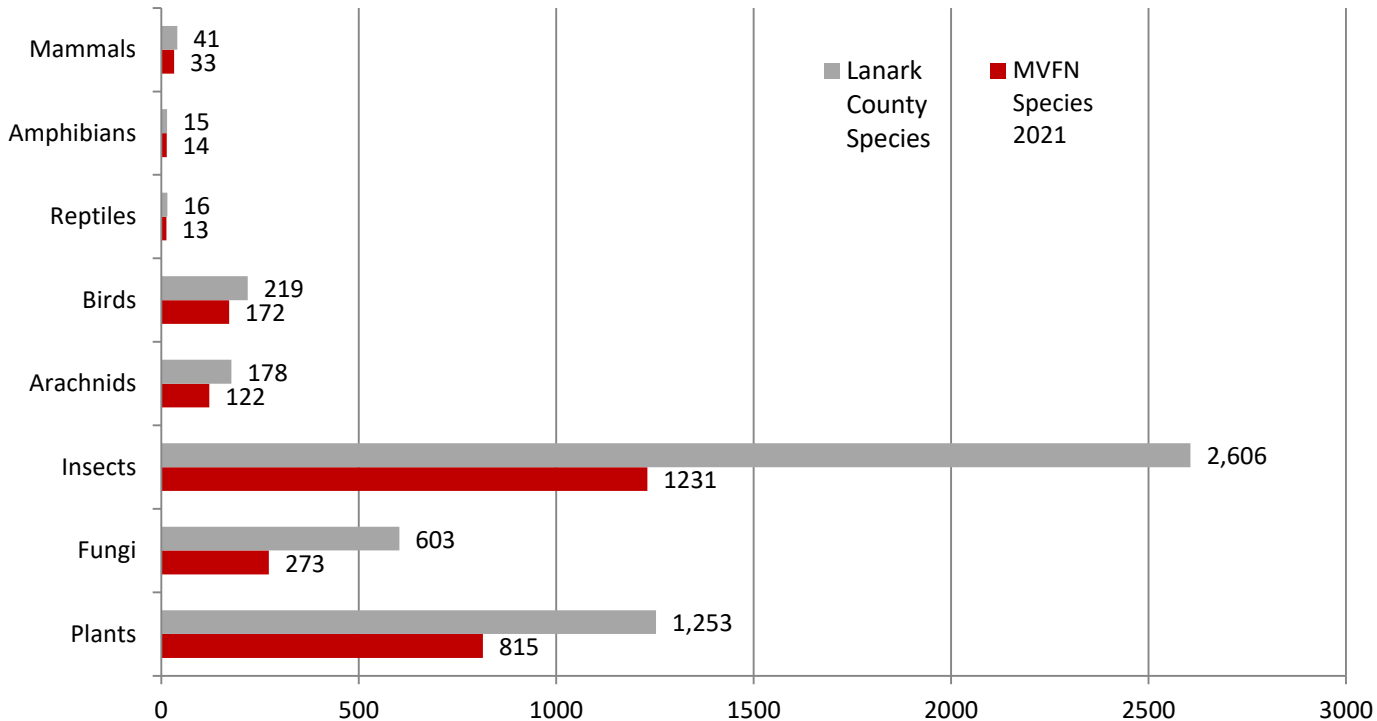


There was a good increase in species observed in all categories.

- The total species count increased by 41% from 2021 to 2020.
- The largest increase was for Fungi at 59%
- The smallest increase was for Reptiles at 8%



Total Species by the MVFN project vs all of Lanark County observations to end of 2021

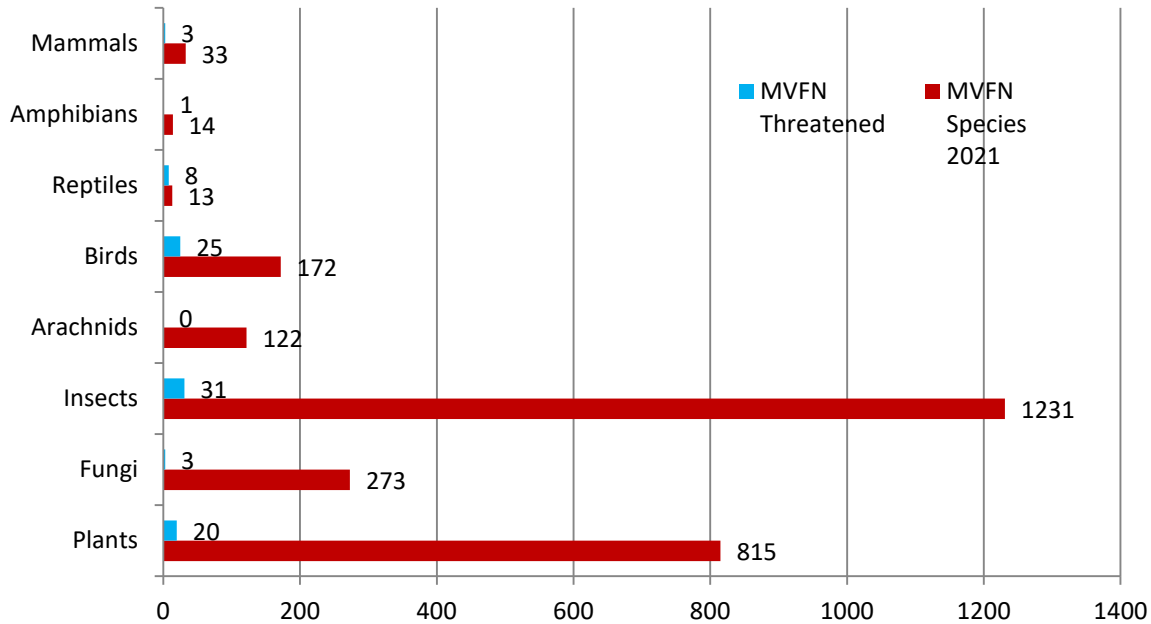


The MVFN project has observed 54% of all species posted to Lanark County.

- MVFN is at 80%+ for Birds, Reptiles, Amphibians, and Mammals
- Plants and Arachnids are above the 54% average
- The MVFN project is a bit further behind on Fungi (45%) and Insects (47%) species observed (vs all species observed in Lanark County to date)



MVFN project Threatened species (species automatically highlighted by iNaturalist)



E. Musk Turtle (D. Gallant)



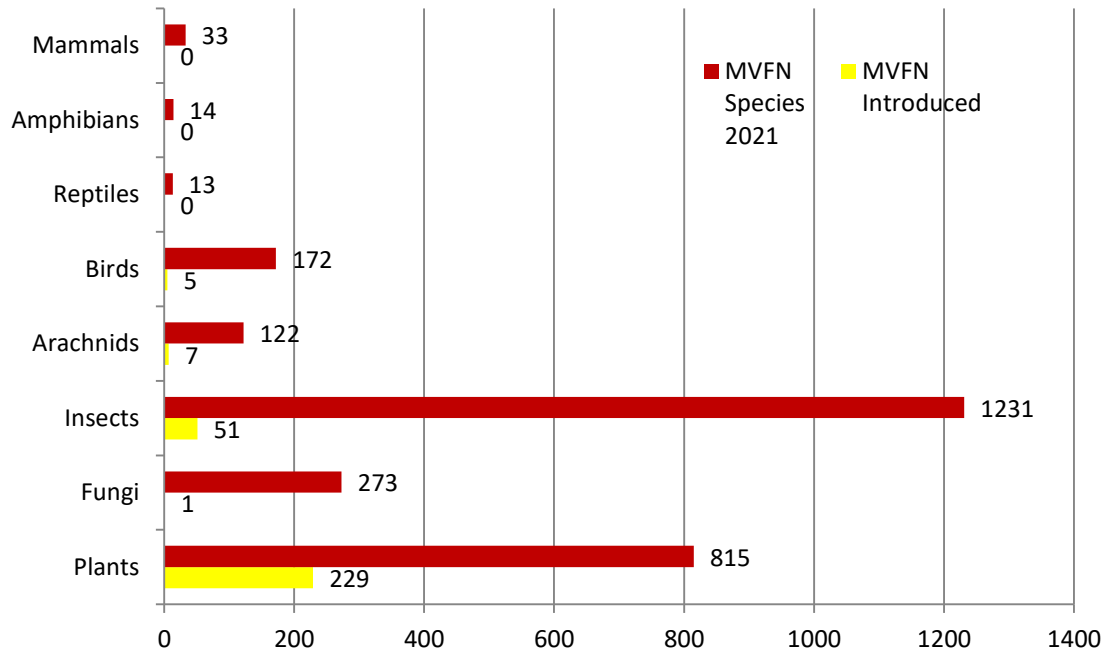
Monarch (K. Allison)

The above graph shows the number of Threatened species vs MVFN Lanark County species observed to end of 2021.

- Reptiles posted are the highest Threatened category at 8 species (61% of total species observed).
- Birds are the next highest Threatened category at 25 species (14% of total species observed).
- Link to all Threatened species in the MVFN project: [Click Here](#)



MVFN project Introduced species (species automatically highlighted by iNaturalist)



Monarch (K. Allison)



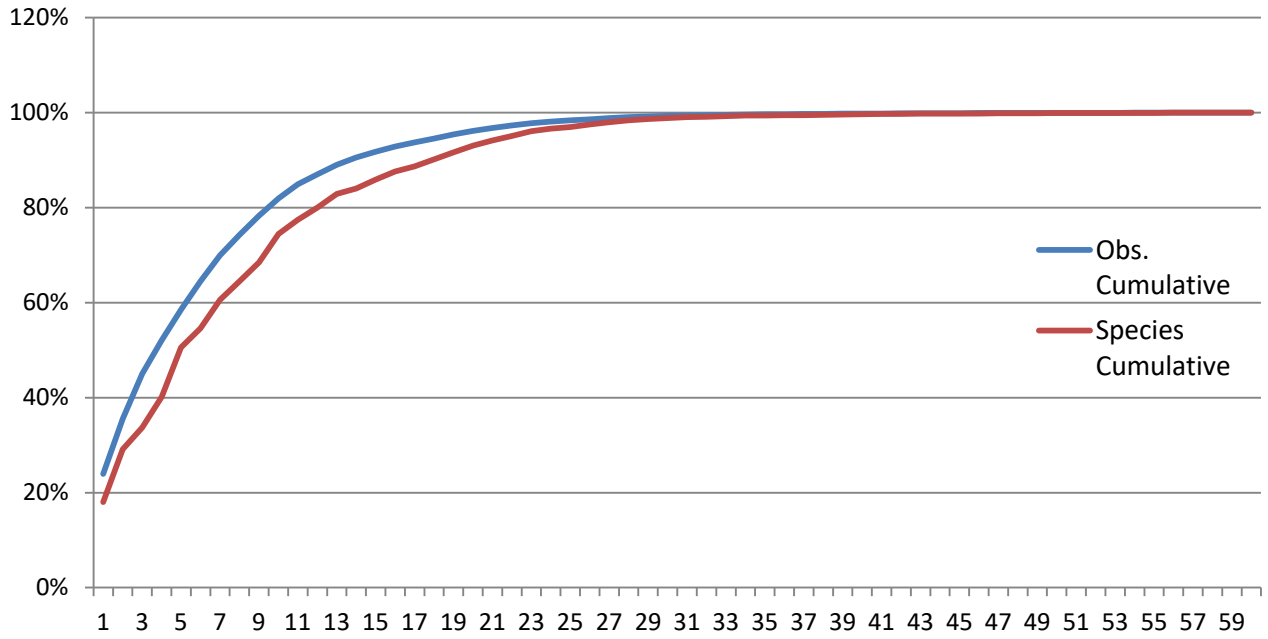
Cypruss Spurge (S. Miller)

The above graph shows the number of Introduced species vs MVFN Lanark County species observed to end of 2021.

- For foreign species observed, Plants are the major category with 229 Introduced species (28% of total species observed).
- Link to all Introduced species in the MVFN project: [Click Here](#)



MVFN project members and observers/contributors



31Dec2021
Total MVFN Postings:
17,454
Total MVFN Species:
2,762

31Dec2021
Total MVFN members:
60
Total MVFN Observers:
56

The above chart shows the cumulative contribution by the 56 project observers.

- The MVFN project by the end of 2021 had a total of 56 observers (i.e. members posting 1 or more obs.)
- Note that the top 10 observers have contributed up to 80% of all observations
- And almost 100% of all project observations are reached by the top 30 observers
- The MVFN Lanark County project has a total 60 people/members registered (i.e. sign-up)
 - Of the 60 members, maybe half are MVFN members and the other half are friends of MVFN and Lanark County.
 - **Thanks to all for contributing to the biodiversity record of Lanark County!**



Summary 2021

- The MVFN project has significantly added to the biodiversity record of Lanark County in 2021.
 - 149% increased in postings (vs 2020)
 - 41% increased in observed species (vs 2020)
- The project has also gained in members and observers.
 - Project membership increased from 43 to 60 in 2021
 - Observers (contributors to project) grew from 33 to 56 in 2021
- The MVFN biodiversity project would be more complete with more coverage in two categories:
 - Fungi and Insects (same as last year)
- The MVFN project would benefit from ID specialist/s for observations in two categories:
 - Fungi and Arachnids (same as last year)
- How to grow the project even more?
 - Encourage more MVFN members (and friends) to join iNaturalist and post their nature observations
 - Reach out to project members with low postings (or inactivity) to see if they need any kind of assistance (and feedback on using iNaturalist)



E. White Pine, Gemmill Park
photo D. Gallant



MVFN – Lanark County Biodiversity Project

iNaturalist 2021 Project Summary – v1.2 (Jan 17, 2022)

Project admin – Denis Gallant

Project curator and journal contributor – Ken Allison

(as Project curator, Ken has provides many species IDs for members)



Yellow Trout Lily



Barred Owl