Feeling bored while stuck at home?

Want to be a part of a scientific scavenger hunt— all from your backyard or while on a walk? Come join the Elizabeth River Project on a series of iNaturalist scavenger hunts!

The data YOU collect while playing this edu-taining game will help the Elizabeth River Project discover the biodiversity of our watershed that’s been living in your backyard (or neighborhood)!

**How does it work?**

If you find a species/item from the list posted each week, observe it! Take a pic and post it on our project page!

Please watch the iNaturalist video, “How to make an Observation on iNaturalist using our Mobile App” for instructions on how to make an observation.

[https://vimeo.com/162581545](https://vimeo.com/162581545)

Please comment/message me if you have any questions.

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<table>
<thead>
<tr>
<th>Name</th>
<th>Picture</th>
<th>Sounds Like</th>
<th>Frog Calls</th>
</tr>
</thead>
<tbody>
<tr>
<td>Southern Cricket Frog</td>
<td></td>
<td>Two Marbles Clicking Together</td>
<td>Southern Cricket Frog (Acris gryllus)</td>
</tr>
<tr>
<td>Oak Toad</td>
<td></td>
<td>Baby Chicks &quot;Chirp&quot;</td>
<td>Oak Toad (Anaxyrus quercicus)</td>
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<tr>
<td>Eastern Narrow Mouth Toad</td>
<td></td>
<td>Bleating Lamb- a long, nasal high-pitched &quot;waaaaaahah&quot;</td>
<td>Eastern Narrow Mouth Toad (Gastrophryne carolinensis)</td>
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<tr>
<td>Fowlers Toad</td>
<td></td>
<td>A sheep-like bleat lasting from 1-4 seconds; “waaaaah”</td>
<td>Fowler's Toad (Anaxyrus fowleri)</td>
</tr>
<tr>
<td>Green Tree Frog</td>
<td></td>
<td>A very Loud &quot;reenk reenk reenk&quot;</td>
<td>Green Treefrog (Hyla cinerea)</td>
</tr>
<tr>
<td>Pine Woods Tree Frog</td>
<td></td>
<td>Typewriter/ Morse-Code type sound</td>
<td>Pine Woods Treefrog (Hyla femoralis)</td>
</tr>
<tr>
<td>Barking Tree Frog</td>
<td></td>
<td>&quot;Donk&quot; or &quot;Tonk&quot; repeated every 1-2 seconds- similar to barking dogs</td>
<td>Barking Treefrog (Hyla gratiosa)</td>
</tr>
<tr>
<td>Squirrel Tree Frog</td>
<td></td>
<td>Chattering Squirrels</td>
<td>Squirrel Treefrog (Hyla squirella)</td>
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<tr>
<td>Bullfrog</td>
<td></td>
<td>&quot;Jug-o-rum&quot;</td>
<td>Bullfrog (Lithobates catesbeianus)</td>
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<tr>
<td>Southern Leopard Frog</td>
<td></td>
<td>A &quot;chuckling croak&quot; The sound when you rub your hand over a wet balloon</td>
<td>Southern Leopard Frog (Lithobates sphenocephalus)</td>
</tr>
<tr>
<td>Eastern Spadefoot Toad</td>
<td></td>
<td>A low-pitched &quot;waaah&quot;</td>
<td>Eastern Spadefoot Toad (Scaphiopus holbrookii)</td>
</tr>
</tbody>
</table>

Photos by J.D. Wilson; Frog/ Toad Calls from The Savannah River Ecology Lab, University of Georgia and Marshall University’s Herpetology Lab
Virginia is home to 28 species of frogs and toads!

Dusk is the best time to monitor

- Most frog/toad calls peak at dusk, but some species (e.g. peepers) will call during the day!
- This is especially true after rain

- Amphibians around the world synchronize their mating activity by the full Moon (BBC Earth News)
  - Consider taking a flashlight to explore at night during the full moon this week!

- Remain quiet and still while monitoring a habitat
- Calls can be heard best on still nights
  - Try to pick a day with little wind
- Be sure to verify the calls you heard by clicking on the hyperlinks under “Frog Calls”

Extra Resources

- Virginia Herpetological Society
- VDGIF- Virginia is for Frogs
- FrogWatch USA
- PARC Habitat Management Guidelines
- How to Make an Origami Jumping Frog
1) Download iNaturalist app on your smartphone and create an account.

2) Make sure your GPS is on and your photos are georeferenced

3) Make observations of items from the list!
   a. Take a photo of the frog/toad with the app camera or record a video with the sound
   b. View suggestions to choose what species you think you saw (or heard)
   d. Type the number and name of the scavenger hunt in the notes
   e. Share to our project!

***Remember***
Add Elizabeth River Project Scavenger Hunts to the project line

If you do not connect your observations to this project, we will not see it.

Don’t want to download the app? Print of the list and have a blast!

You do not have to be an expert to participate in citizen science projects like this one!
Take photos, compare to different species and learn as you go!