

WHAT COULD I BRING ON MY ADVENTURE?

Here is what you could bring on your next adventure and what it will help you learn about local nature.

Water Quality Test Kit

- A great introduction to water testing!
- Your kit could include:
 - a thermometer to measure water and air temperature
 - 10 test strips to measure pH (how acidic or basic the water is)
 - guides to understand test results



Source: Getty Images

Waterproof Notebook

- Write down what you find while outside and in the field! Draw and take notes of what you see, smell, and hear.



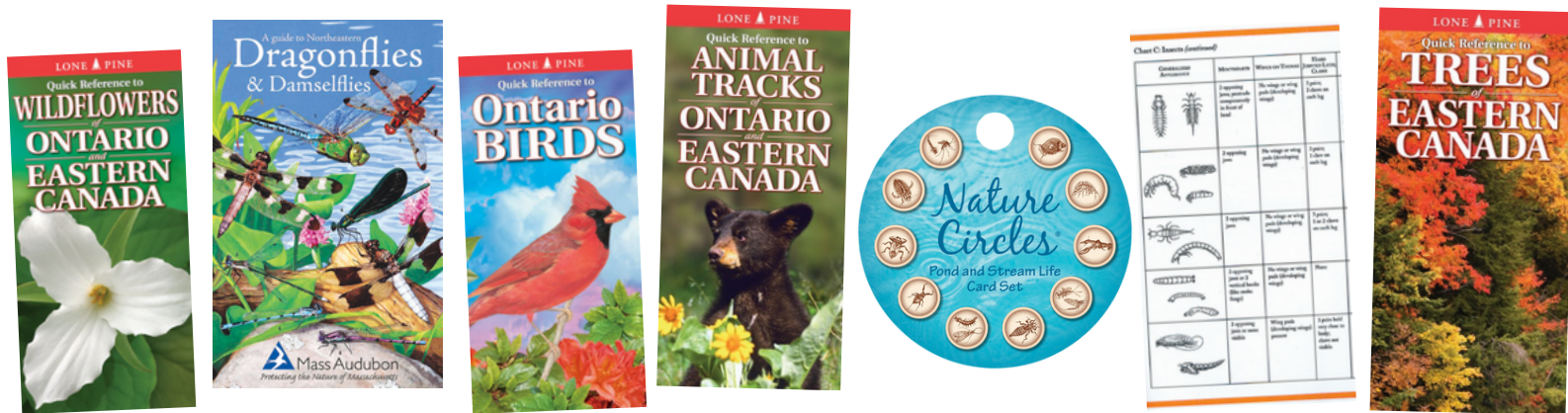
Binoculars

- What does "8x21mm" mean? These binoculars help you see things 8 times closer. The lens are 21mm wide. Turn the knob to make it clearer to see.
- Use a cleaning cloth if you need to clean the lenses (glass).



Observation Tools

- Use a collection jar to closely look at small aquatic invertebrates (they have no backbone) and insects.
- To find invertebrates, try dragging a net along the surface of the water or just below the surface (not through the mud bottom).



Identification Guides

Use identification guides, like the ones pictured above, to learn more about different types of local biodiversity like wildflowers, trees, dragonflies, damselflies, birds, reptiles, amphibians, and aquatic invertebrates. Each type of guide shows photos and information about each species like their size, where they live (their habitat), and what sounds they make. See how many you can find and identify around your area!