Living Fossils: Tree of Life
Scavenger hunt

Search through the Fossil Collection, the UBC Herbarium, the Timeline Exhibit, and the Marine Invertebrates Collection to complete the scavenger hunt.

1) The largest known flying insect was *Meganeura*, whose wingspan could reach __________ cm. Sketch it below!

2) The Ginkgo tree, *Ginkgo biloba* became prominent __________ to __________ million years ago.

3) The earliest known fossil sponges are __________ sponges, Hexactinellida, dating back over 500 million years. Scientists thought they disappeared over 30 million years ago, but in 1987 vast glass sponge reefs were discovered off the BC coast!

4) The oldest known fossils resembled ____________________, but likely weren't the first life, as these single-celled organisms are quite ________________.

5) Take a picture of the devil's toenails, *Gryphaea* sp.

6) *Metasequoia*, which also goes by the name of ____________________________, existed 50 million years ago, and still exists today in China.

7) Take a picture of the stromatolite. Stromatolites are built by layers of blue-green algae, and living ones still exist today.

8) What extinction is referred to as “The Great Dying,” and features the only known mass extinction of insects?

9) The garden weed called horsetail, *equisetum arvense*, can be used to scrub your dishes when camping! Sketch it below, and keep an eye out for it in our courtyard on your way out.