WHAT ARE FOSSILS?
Fossils are the remains or impressions left by plants or animals that lived a very long time ago.

HOW OLD ARE FOSSILS?
Most fossils are 10,000 years to several billions of years old.

HOW ARE FOSSILS MADE?
Fossils can form in a variety of ways.

- **PRESERVED ORIGINAL REMAINS**—Bones, teeth, scales, and shells found in ice, tar, amber, mud, or rock
- **CASTS**—Something fills with sediments and hardens
- **MOLDS**—Leaves a three dimensional imprint
- **CARBONIZATION**—Carbon remains when other organic material decomposes
- **PETRIFICATION**—Bone or wood are replaced with minerals
- **TRACE**—Evidence of life: tracks, trails, and droppings

This license entitles the holder to hunt, pursue, and match said fossils to the chart below: