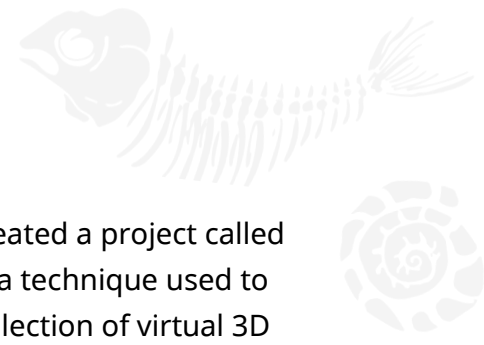


Resource: Virtual 3D Fossil Models



Introduction:

The Paleontological Research Institution in Ithaca, New York, has created a project called [the Digital Atlas of Ancient Life](#). This project used photogrammetry, a technique used to create 3D models from 2D images, to put together an interactive collection of virtual 3D fossil specimen models. You can read more about the project [here](#).

Whether you are using the physical or digital teaching kit, the Atlas models are a great resource to engage students. Models from the Digital Atlas of Ancient Life that are similar to some of the physical specimens in the teaching kit are listed in the table below. Students and teachers are encouraged to check out the whole Atlas collection.

| | Collection (if available) | Example |
|----------------------------------|--|---|
| #1 in kit Trilobite | Trilobita | Trilobite: Elrathia kingii https://skfb.ly/6RtyU Trilobites: Homotelus bromidensis https://skfb.ly/6ABqL |
| #2 in kit Gastropod | Class Gastropoda | Gastropod: Platystoma lineata https://skfb.ly/owUTG Gastropods: Turritella sp. https://skfb.ly/6V6sw |
| #3 in kit Brachiopod | Phylum Brachiopoda | Brachiopod: Platystrophia cypha https://skfb.ly/6UQVP |
| #4 in kit Shark Tooth | Fishes | Vertebrate: Carcharocles megalodon https://skfb.ly/6AFxu |
| #5 in kit Horned Coral | Rugose Corals (Rugosa) | Heliophyllum sp. https://skfb.ly/6RrpO |
| #6 in kit Plant | Kingdom Plantae | Pinophyta: Metasequoia occidentalis https://skfb.ly/6RGXP |
| #7 in kit Foraminifera | Foraminifera | Foraminifera: Fusulina sp. https://skfb.ly/6Rsyv |
| #8 in kit Ammonite | Subclass Ammonoidea | Cephalopod: Dactyloceras commune https://skfb.ly/6APHs |

| | Collection (if available) | Example |
|--|---|---|
| | | Cephalopod: Baculites compressus https://skfb.ly/6AyI8 |
| #9 in kit Heteromorph Ammonite | n/a | Cephalopod: Diplomoceras maximum https://skfb.ly/6AvQV |
| #10 in kit Bivalve | Class Bivalvia | Bivalves: Cyclorismina marwicki https://skfb.ly/6RTyn |
| #11 in kit Crab | n/a | n/a |
| #12 in kit Burrow | n/a | Trace fossil: Teredolites sp. https://skfb.ly/6RLp9 |
| #13 in kit Dinosaur Bone | Dinosaurs and Birds | Hadrosaur toe bone https://skfb.ly/6RFJY |
| #14 in kit Petrified Wood | Permineralized and Petrified Wood | Permineralized or petrified wood https://skfb.ly/6AMpB |