<table>
<thead>
<tr>
<th>ERA</th>
<th>PERIOD/SYSTEM</th>
<th>MILLIONS YEARS AGO</th>
<th>PREDOMINANT ROCK TYPES IN INDIANA</th>
<th>PRINCIPAL FOSSIL TYPES IN INDIANA</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRECAMBRIAN</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4,600</td>
<td>Granite, marble, gneiss, and other igneous and metamorphic rock types*</td>
<td>Microbes</td>
</tr>
<tr>
<td>PALEOZOIC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CENozoic</td>
<td>QUATERNARY</td>
<td>2.6</td>
<td>Unconsolidated deposits - glacial till, sand, gravel, silt, marl, clay, and peat deposited during and after continental glaciation</td>
<td>Mastodon, mammoth, peccary, dire wolf, saber-toothed cat, gastropods, pelecypods, plants, and pollen</td>
</tr>
<tr>
<td></td>
<td>TERTIARY</td>
<td>65.5</td>
<td>Unconsolidated sediment consisting of clay, mud, gravel, sand, and silt</td>
<td>Short-faceted bear, peccary, camels, snakes, rodents, fishes, birds, and turtles</td>
</tr>
<tr>
<td></td>
<td>CRETACEOUS</td>
<td>145.5</td>
<td>None present</td>
<td>None present</td>
</tr>
<tr>
<td></td>
<td>JURASSIC</td>
<td>199.6</td>
<td>None present</td>
<td>None present</td>
</tr>
<tr>
<td></td>
<td>TRIASSIC</td>
<td>251</td>
<td>None present</td>
<td>None present</td>
</tr>
<tr>
<td></td>
<td>PERMIAN</td>
<td>299</td>
<td>None present</td>
<td>None present</td>
</tr>
<tr>
<td></td>
<td>PENNSYLVANIAN</td>
<td>318.1</td>
<td>Shale, sandstone, mudstone, clay, coal, limestone, and conglomerate</td>
<td>Lycops, Calamites, seed ferns, true ferns, Cordaites, and amphibians</td>
</tr>
<tr>
<td></td>
<td>MISSISSIPPIAN</td>
<td>359.2</td>
<td>Shale, sandstone, siltstone, limestone, and gypsum</td>
<td>Crinoids, brachiopods, cephalopods, corals, molluscs, trilobites, brachiozoans, fishes, arthropods, and foraminifera</td>
</tr>
<tr>
<td></td>
<td>DEVONIAN</td>
<td>416</td>
<td>Upper part: carbonaceous shale</td>
<td>Corals, brachiopods, cephalopods, trilobites, pelecypods, and brachiozoans</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lower part: limestone, dolostone, and shale</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SILURIAN</td>
<td>443.7</td>
<td>Dolostone, limestone, siltstone, and shale</td>
<td>Corals, stromatoporoids, brachiozoans, brachiopods, trilobites, gastropods, pelecypods, crinoids, and eurypterids</td>
</tr>
<tr>
<td></td>
<td>ORDOVICIAN</td>
<td>488.3</td>
<td>Upper part: shale and limestone</td>
<td>Cephalopods, trilobites, brachiopods, brachiozoans, crinoids, pelecypods, and gastropods</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lower part: limestone, dolostone, and sandstone*</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CAMBRIAN</td>
<td>542</td>
<td>Sandstone and dolostone*</td>
<td>Trilobites, brachiopods, and sponges</td>
</tr>
</tbody>
</table>

* Present only in the subsurface

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