### Number of Families Shared with Other Zoogeographic Provinces

<table>
<thead>
<tr>
<th>Zoogeographic Province</th>
<th># Families</th>
<th>Rank in #</th>
<th># Endemics</th>
<th>% Endemic</th>
<th>Rank in %</th>
<th>Palaearctic</th>
<th>Nearctic</th>
<th>Neotropical</th>
<th>Ethiopian</th>
<th>Oriental</th>
<th>Australian</th>
<th># other prov sharing &gt; 1 families</th>
<th>Rank in # prov sharing fam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palaearctic</td>
<td>28</td>
<td>2</td>
<td>---</td>
<td>many</td>
<td>1</td>
<td>22</td>
<td>19</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Nearctic</td>
<td>24</td>
<td>4</td>
<td>many</td>
<td>---</td>
<td>4</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>Neotropical</td>
<td>32</td>
<td>16</td>
<td>1</td>
<td>4</td>
<td>---</td>
<td>0</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Ethiopian</td>
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<td>12</td>
<td>22</td>
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<td>0</td>
<td>---</td>
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<tr>
<td>Oriental</td>
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<td>8</td>
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<td>0</td>
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</tr>
</tbody>
</table>

What do the three most diverse provinces have in common geographically? 

Compare and contrast the province having the most connections to others with the one having the least.

What do the two provinces with the greatest percentage of endemism share geographically and geologically? Check out [http://jan.ucc.nau.edu/~rcb7/paleogeographic.html](http://jan.ucc.nau.edu/~rcb7/paleogeographic.html) for hints, looking at the Late Cretaceous, Eocene, and Miocene.

How do patterns of endemism and shared families relate to such geographical factors as sheer size, distance from other provinces, and physical barriers, today and since the Late Cretaceous? You might want to phrase your findings as one sentence rules.

Modified from Susan L. Woodward, Radford University GEOG 335, Biogeography class lab on zoogeographic provinces  

Itself based on data from Philip Darlington, Biogeography, 1957.

C.M. Rodrigue, CSULB GEOG 442, Biogeography, 2008

Your name:
Zoogeographic Realms

Nearctic

Palaearctic

Ethiopian

Oriental

Neotropical

Australasian
Tom Patterson, U.S. National Park Service
"Natural Earth"