All four species of Galápagos mockingbirds are endemic to the archipelago, meaning they are native to the islands and found nowhere else in the world. But exactly which islands do they inhabit, and how are they related to one another?

Your task is to map both the geographic distribution and the evolutionary relationships of the Galápagos mockingbirds. To solve this puzzle, use information from the List of Clues. Listen to instructions for help with color-coding your map and completing the family tree.

<table>
<thead>
<tr>
<th>Image Key</th>
<th>Name of Mockingbird Species</th>
<th>Notes</th>
</tr>
</thead>
</table>
| ![Scientific: Nesomimus macdonaldi](image) | Scientific: *Nesomimus macdonaldi* | • More closely related to bird on San Cristóbal than one on Santa Cruz  
• Dark throat stripe; spotted breast band  
• Sister group lives on San Cristóbal |
| ![Scientific: Nesomimus trifasciatus](image) | Scientific: *Nesomimus trifasciatus* | • Lives on one of the southern islands  
• Dark head; white patch behind eye  
• Endangered  
• Shares a recent common ancestor with *N. parvulus* |
| ![Scientific: Nesomimus parvulus](image) | Scientific: *Nesomimus parvulus* | • Shares a recent ancestor with Floreana mockingbird  
• More closely related to *N. trifasciatus* than to *N. melanotis*  
• Lives on Marchena: does not have a dark throat stripe |
| ![Scientific: Nesomimus melanotis](image) | Scientific: *Nesomimus melanotis* | • Lives on island that is located farthest to the east  
• Narrow neck collar; black throat stripe  
• Sister group lives on Española |

**Family Tree of the Galápagos Mockingbirds**  
Genus *Nesomimus*

- **Ancestor to all modern mockingbirds**
- **?** (closest continental relative)
- ***Nesomimus trifasciatus*** (Floreana mockingbird)
- **Nesomimus parvulus** (Galápagos mockingbird)
- **Nesomimus macdonaldi** (Española mockingbird)
- **Nesomimus melanotis** (San Cristóbal mockingbird)

- : scientific name of modern species
- *: indicates endangered status
- : lineage, a line of descent from a particular ancestor
- : node, the point where a single lineage diverges

Note: These two answers are interchangeable.