Speciation

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Reuniting

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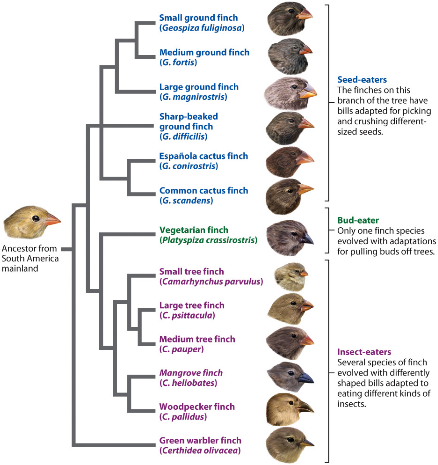

Figure 21.9 (Part 1)
Biology: How Life Works

- What patterns and processes allowed a single ancestor to diversify into >10 million species?

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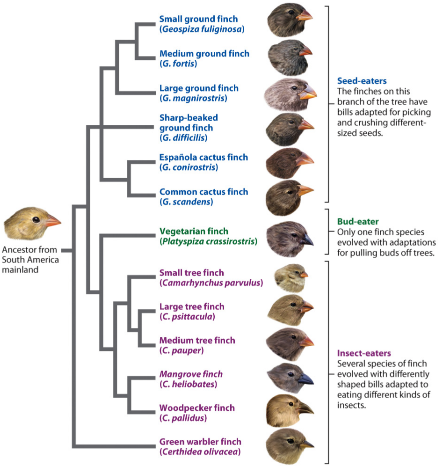

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Meadowlarks (preview)

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  - * Natural selection
    - * Different environments, or different adaptive responses to similar situations
- How can two populations of the same species be isolated from each other?

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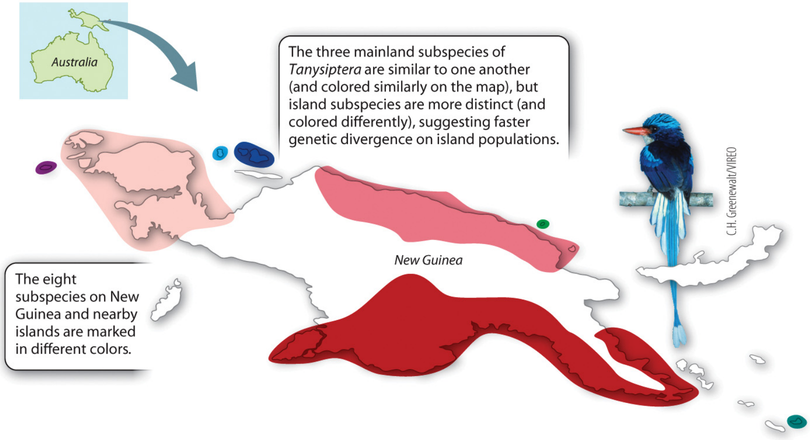

Figure 21.8
Biology: How Life Works

Outline

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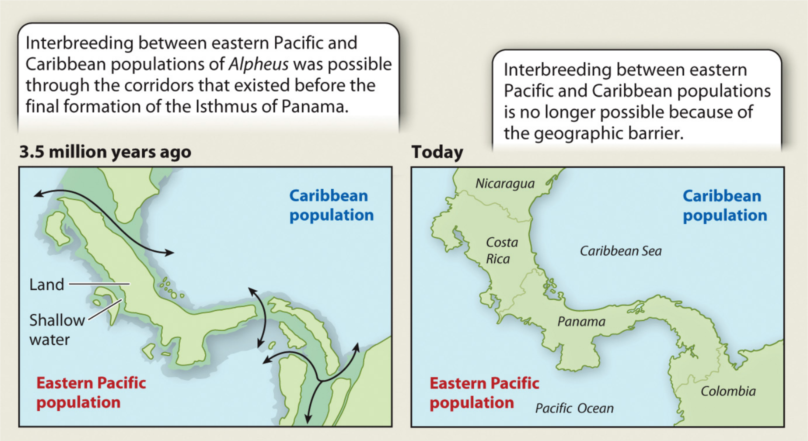

Figure 21.7 (Part 1)
Biology: How Life Works

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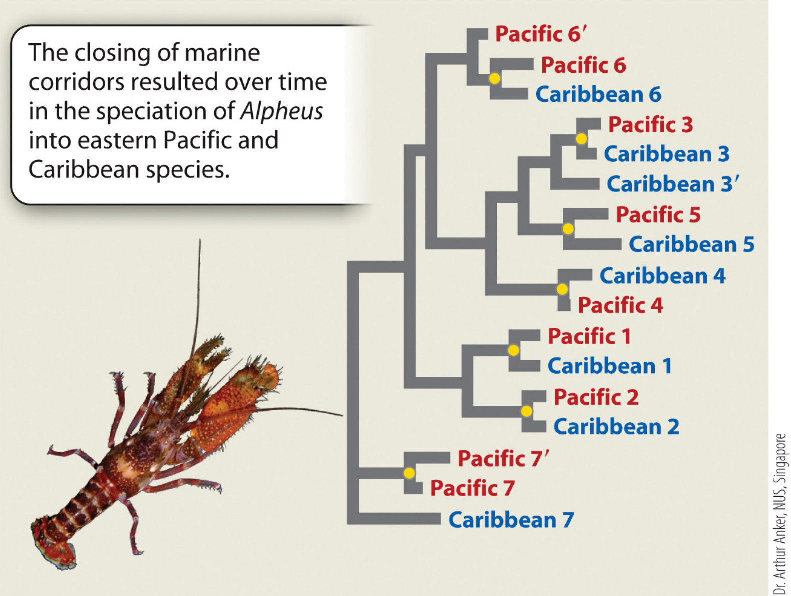
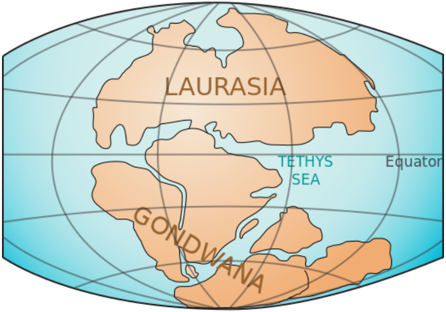


Figure 21.7 (Part 2)
Biology: How Life Works

Example: ratites



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200 million years ago

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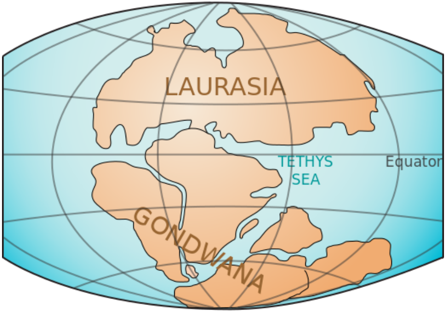

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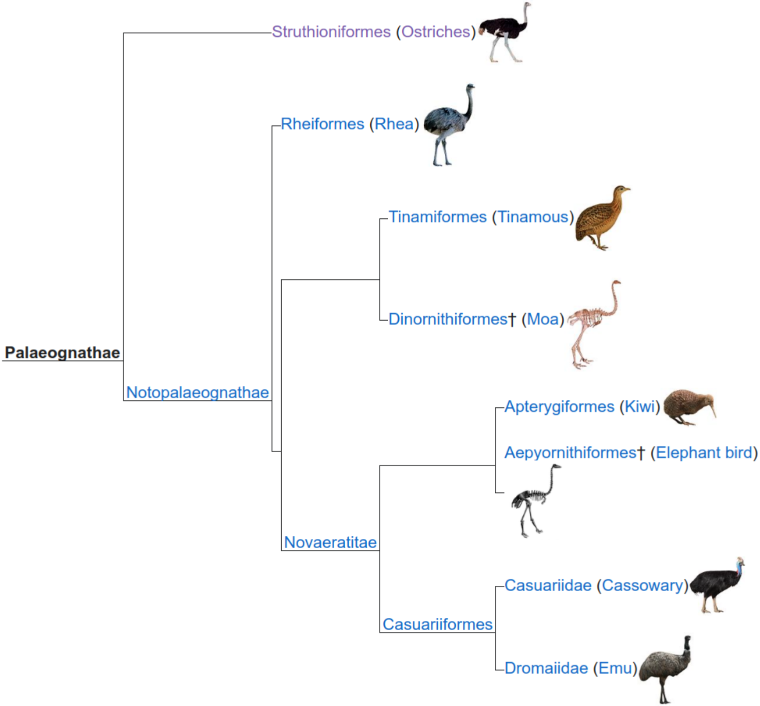
Struthioniformes (Ostriches)
Rheiformes (Rhea)
Tinamiformes (Tinamous)
Dinornithiformes† (Moa)
Palaeognathae
Notopalaeognathae
Apterygiformes (Kiwi)
Aepyornithiformes† (Elephant bird)
Novaeratitae
Casuariidae (Cassowary)
Casuariiformes
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wikipedia/humans

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