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Estimated 400 million insects per acre

Estimated ratio of insects to humans is 200,000,000:1



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2. Short generation times fast population growth adapt and evolve rapidly evolution occurs over generations

bison: slow growth & reproduction = slow generation time grasshopper: rapid growth & reproduction = fast generations











Chewing mouthparts





7. Coevolution with angiosperms (flowering plants) diversity driving diversity evolutionary arms race use of plant chemicals







































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