

Ecology II



Name_____ Date____



Which organism carries out autotrophic nutrition?

- A frog
- **B** snake
- C plant
- **D** grasshopper



The **base** of an **energy pyramid** for this ecosystem would include a

- A frog
- **B** snake
- C plant
- **D** grasshopper





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Which **ecological term** includes **everything** represented in the illustration below?

- A ecosystem
- **B** community



In heterotrophs, energy for the life processes comes from the chemical energy stored in the bonds of

- A water molecules
- D consens malesule



PREVIEW



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- **B** decreased levels of carbon dioxide in the area
- C the lack of abiotic factors in the area
- **D** the process of ecological succession

- ecosystem
- can take in carbon dioxide and convert it into oxygen
- D convert molecules of dead organisms into permanent biotic parts of an ecosystem



An environment can support only as many organisms as the available energy, minerals, and oxygen will allow. Which term is best described by this statement?

- A biological feedback
- **B** carrying capacity
- C homeostatic control
- **D** biological diversity

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Which animal has modified ecosystems more than any other animal and has had the greatest negative impact on world ecosystems?

- A gypsy moth
- B zebra mussel
- C human
- **D** shark



Ecology II - Answer Key



Name Class Date Which organism carries out The base of an energy pyramid for this autotrophic nutrition? ecosystem would include a A frog A frog **B** snake **B** snake C C plant C plant D grasshopper D grasshopper Which ecological term includes everything In heterotrophs, energy for the life 3 represented in the illustration below? processes comes from the chemical energy stored in the bonds of A ecosystem A water molecules **B** community 5 B **PREVIEW** Please Sign In or Sign Up to download the printable version of this worksheet A ecosystem B decreased levels of carbon dioxide can take in carbon dioxide and convert it in the area into oxygen C the lack of abiotic factors in the area convert molecules of dead organisms into D the process of ecological succession permanent biotic parts of an ecosystem An environment can support only as many Which animal has modified ecosystems organisms as the available energy. more than any other animal and has had minerals, and oxygen will allow. Which term the greatest negative impact on world ecosystems? is best described by this statement? (C) A biological feedback A gypsy moth B zebra mussel **B** carrying capacity C homeostatic control C human **D** biological diversity **D** shark