

Ecological Pyramids: Virtual Lab

Organisms represent different levels of energy within the system. Answer

Place the organisms in the correct trophic levels on computerized pyramids for the 4 different ecosystems in the table. After students correctly placed all the organisms, the resulting pyramid on the screen will be a picture of energy flow.

1. Grass-Ear-Pyramid of Energy

Organism	Grass-Ear-Pyramid Amount of energy	Grass-Ear-Pyramid Percent of energy	Grass-Ear-Pyramid Amount of energy	Grass-Ear-Pyramid Percent of energy
1. Producer (Plant)	1000	100	10	1
2. Producer	100	10	1	10
3. Producer	1000	100	10	1
4. Producer (Plant)	1000	100	10	1
5. Producer (Plant)	1000	100	10	1

After you have selected organisms correctly, fill your Ecological Pyramid based on the space. To describe your Ecological Pyramid as "Energy flow diagram" Ecological Pyramid based. Explain this pyramid of energy and how energy flows in the system as the energy trophic level. If the grass area is up to the top of the pyramid, then the grass area is the top of the pyramid. Ecological Pyramid based on the space of your ecosystem.

2. Energy flow

1. Energy flow diagram	Energy flow diagram	Energy flow diagram	Energy flow diagram
Energy flow diagram	Energy flow diagram	Energy flow diagram	Energy flow diagram

3. Energy flow diagram

Organism	Grass-Ear-Pyramid Amount of energy	Grass-Ear-Pyramid Percent of energy	Grass-Ear-Pyramid Amount of energy	Grass-Ear-Pyramid Percent of energy
1. Producer (Plant)	1000	100	1000	100
2. Producer	100	10	100	10
3. Producer	1000	100	1000	100
4. Producer (Plant)	1000	100	1000	100
5. Producer (Plant)	1000	100	1000	100

4. In a pyramid of energy flow, the following organisms are shown. Answer

1. Grass 2. Grass 3. Grass 4. Grass

5. Organisms shown produce food energy from the sun. Answer

Producers produce energy = 1000


Producers produce energy = 100

Producers produce energy = 10

Producers produce energy = 1

Mcgraw Hill Biology Laboratory Manual Answers

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Martin D Buckland, Lynda Hall, Alan Mowlem, 2013-10-22 A Guide to Laboratory Animal Technology is a compilation of experiences of animal technicians with regard to laboratory animals in both research and breeding establishments This book discusses common laboratory species individually with reference to anatomy reproduction maintenance methods of handling and identification Studies on the common diseases found on these species are also provided All aspects of laboratory animal husbandry are considered including equipment SPF techniques transport and law This selection also includes a guide to examination technique and basic mathematics section that can help students with little experience in either field This text aims to provide an introduction and guide for the newcomers and students of the profession as well as a useful comprehensive reference work for all those concerned with animals *Current Catalog* National Library of Medicine

(U.S.), 1982 First multi year cumulation covers six years 1965 70 **Laboratory Manual of Colloid Chemistry** Harry

Nicholls Holmes, 1922 **Library of Congress Catalog: Motion Pictures and Filmstrips** Library of Congress, 1968

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Shurtleff, Akiko Aoyagi, 2017-07-21 Revised 2nd edition with roughly twice as many pages and twice as many photos as the 1st edition of 2011 The world's most comprehensive well documented and well illustrated book on this subject With extensive subject and geographical index 235 photographs and illustrations Free of charge in digital PDF format on Google Books

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