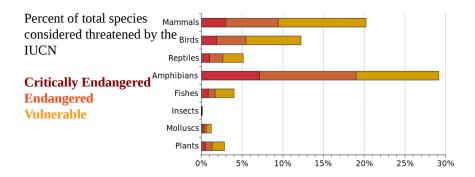
Biology 11	Name:	Date:
Rate of Evolutionary Change, Endangered Species & Extinction		
Rates of Evolutionary Change: Gradualism		
•		
•		
• Examples:		
Rates of Evolutionary Change: Punctuated Equilibrium	GE . CE	
•	86	Time
•	Morphological change	(b) Punctuated equilibrium model
•		
• Examples:		
Endangered Species		
•		
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Endangered Species & Extinction		
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North America	Mammals	Birds	Reptiles*	Amphibians	Fishes*	Molluscs*	Other Inverts*	Plants*	Total*
Canada	11	15	6	1	42	5	19	11	110
Saint Pierre and Miquelon	4	4	0	0	3	0	0	0	11
United States	35	77	37	56	247	301	276	379	1,408

Compare the graph of worldwide threatened species and the numbers of Canadian threatened species What group is most at risk worldwide? In Canada?

Why the difference?

Hypothesize why these groups are especially threatened?

Which group is least at risk? Why?

Extinction

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- •

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