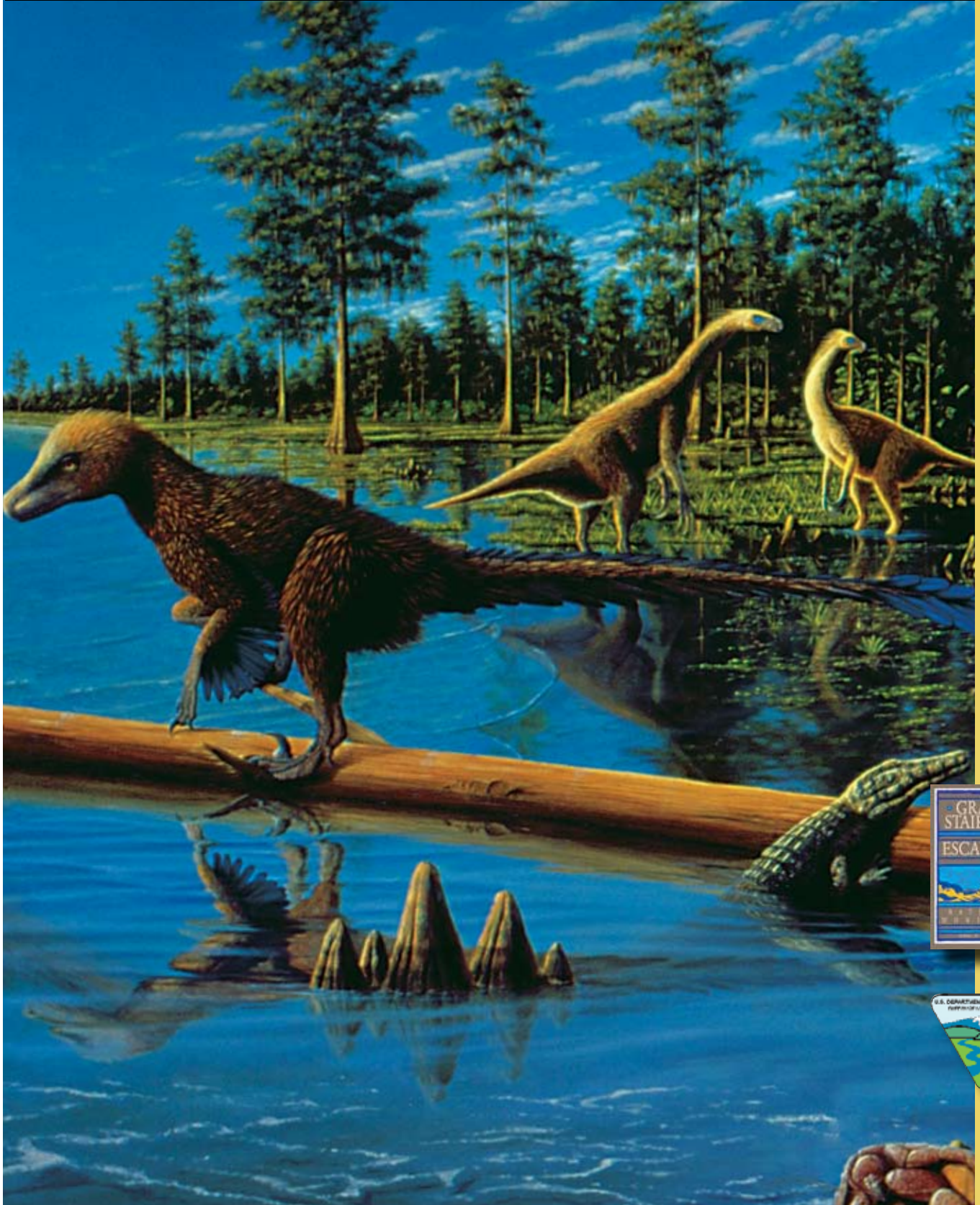


# Sizing Up Cretaceous Critters

BLM

## Student Questions



Grand Staircase-Escalante National Monument



# Sizing Up Cretaceous Critters

Question 1

Table of Cretaceous Critter Calculations

Name of Cretaceous Critter	String Measurement	Life-Size Dimension <sup>◇</sup>	Life Size Dimension in Meters	Estimated Weight <sup>□</sup>
	L	L	L	
	H	H	H	
	W	W	W	
	L	L	L	
	H	H	H	
	W	W	W	
	L	L	L	
	H	H	H	
	W	W	W	
	L	L	L	
	H	H	H	
	W	W	W	
	L	L	L	
	H	H	H	
	W	W	W	
	L	L	L	
	H	H	H	
	W	W	W	
	L	L	L	
	H	H	H	
	W	W	W	

Remember to include **units** of measurement!

<sup>◇</sup> Formula for Life Size Dimensions = Length, Height or Width X Scale

<sup>□</sup> Formula for weight = Replica weight x scale x scale x scale

*Question 2*

Name of Cretaceous Critter	Actual length of Cretaceous Critter (meters)	Actual height of Cretaceous Critter (meters)	Item(s) of comparable size to Cretaceous Critter

*Question 3*

Name of Cretaceous Critter	Length of animal (meters)	Divided by average human size	Size difference	Multiplied by daily human caloric requirement	Approximate daily caloric requirement
		÷1.7 meters	=	X 2,000	
		÷1.7 meters	=	X 2,000	
		÷1.7 meters	=	X 2,000	

*Question 4*

Name of Cretaceous Critter	Approximate daily caloric requirements	Number of Jelly Donuts per day