University of California at Berkeley Museum of Paleontology (UCMP)

Teacher Survey - Spring 2004

Rockman *et al*, an independent firm specializing in the evaluation of technology and learning, is working with the University of California Museum of Paleontology (UCMP) to evaluate the effectiveness of its evolution website. The website aims to help teachers better understand evolution and offers strategies for teaching evolution.

Now that you've visited the website, please reflect on its content and organization. All responses will be kept confidential. No names will be used in our reports. This survey will take approximately 15 minutes.

Please remember to click the **Submit** button at the end of this survey.

Thank you for your time and honest feedback!

Use and Usefulness

1. Overall, how useful is th	ne website to you?			
Not at all useful O	Somewhat useful	O Useful O	Very useful ○	
Please explain your rating.				
2. Which of the following	describes how you h	ave used the website. Please	check all that apply.	
☐ Learn about the nature	of science (Process,	principles, characteristics, cul	tural context)	
☐ Learn about evolution t	topics (Evolution 101	: definitions, patterns, mecha	nisms, microevolution, speciation, macro	evolution)
☐ Learn about lines of evi	dence - or science of	- evolution (fossil evidence,	homologies, distribution in time and space	e, evidence by example)
☐ Learn about the relevan	ce of evolutionary bi	ology (medical science, agric	culture, conservation)	
☐ Learn about the history	of evolutionary tho	ught (pre-1800s to present, ea	arth's history, life's history, mechanisms, o	development and genetics)
☐ Investigate issues based	on personal curiosi	ty		
☐ Teach or facilitate less	ons from the website	with students in my classroon	m	
☐ Refer students to partic	cular lessons or conte	nt as homework assignments	or independent work (not guided by teach	ner)
☐ Create my own activitie	es or lessons from we	bsite material		
☐ Use for roles outside of	f classroom setting (e	e.g. staff training, mentoring,	department meetings)	
Other:				
3. How useful is the websit Not at all useful ○	te for teaching evolu Somewhat useful		Very useful ○	Not applicable O
Not at all useful	Somewhat userur	Osciui O	very userur	Not applicable \bigcirc
Please explain your rating.			0.55	
4a. Have you used any of the 4b. If no, you have not used		website with students? Yes	○ No ○	
Not appropriate Not	enough	access the lessons	Other:	
		e, were the lessons effective	? Yes O No O	
If no, why weren't the	hev effective?			
, ,				
4d. If yes, note the lessons	that you used and d	lescribe them below.		
Lesson:	•	esson:	Lesson:	Lesson:
Please check the boxes be that describe the lesson yo		ease check the boxes below at describe the lesson you used.	Please check the boxes below that describe the lesson you used.	Please check the boxes below that describe the lesson you used.
☐ Grade appropriate		Grade appropriate	☐ Grade appropriate	☐ Grade appropriate
Easy to use in your		Easy to use in your	Easy to use in your	Easy to use in your

	☐ Effective in teaching intended concepts	☐ Effective in teaching intended concepts	☐ Effective in teaching intended concepts		☐ Effective in ter- intended concepts	aching
	☐ High student engagement level	☐ High student engagement level	☐ High student engagement level		☐ High student e level	engagement
4e.]	Please add any additional co	omments about the lessons.				
5. P	lease read the following stat	ements and check the choices that best re	eflect your experience and intenti	ons. I have done	I plan to do	I do not plan
				this.	this.	to do this.
	re students vote on creationisn					
		evolution fundamentals: Variation, Inherita	nce, Selection, Time			
	ch alternative scientific theorie					
	re students distinguish between the chat life has been on earth f					
	ch that life on earth has chang	=				
ıca	en that me on earth has chang	ed over time				
6a.	What other resources suppo	ort your teaching about evolution? Check	all that apply.			
I us	e the following resources:					
	Textbooks					
	Printed materials (besides textbooks)					
	Internet (besides UCMP website)					
	Professional conferences					
	Colleagues					
	Field trips					
Oth	er:					
6b.	Describe how you envision u	using the UCMP evolution website in con	junction with the other resources	•		
			Impact			
						
	o what extent has the websitenfluence	e influenced your approach to teaching e Some influence ○	volution? Rate the level of influence Large influence			
NO 1		e website has, or has not, influenced your te			egies that	
	you have learned from the w	vebsite.				
	nfluence ○ Please comment on how the	e influenced your approach to teaching o Some influence O website has, or has not, influenced your te	Large influence	\circ		
	you learned from the websit	ε.				
. Pl	lease rate the following state	ements.				

Strongly Disagree Neutral Agree Strongly Not applicable disagree

I want to learn more about evolution. I am better prepared to teach evolution. I am more comfortable teaching evolution. My interest in teaching evolution has increased. I still have outdated information on evolution. I am aware of more resources related to teaching evolution. My interest in science has increased. I understand the relevance of evolution to my life. My students interest in evaluation has increased. Compare your comfort level prior to interacting with the website with your current comfort level in answering the questions below if asked a student or parent. How confortable would you feel answering the question today compared to before you viewed the website? of tential challenging questions asked by student or arrent Does evolution mean that God did not create man? Why don't you also teach about creationism? Does evolution mean that we descended from ages? How can we be certain that evolution occurred? How can we be certain that evolution occurred? How can scientists make conclusions about evolution when there are gaps in the fossil records. Characterize the overall tone of the website. Please check all that apply. Clear Unclear Too complicated Fasy to understand Sophisticated Lighthearted and fun Too scientific Just right Other: Characterize the overall organization of the website. Please check all that apply. Logical Confusing Easy to navigate Other:	I want to learn more about			\circ	\circ	\circ	\circ	\circ	\circ
I am better prepared to teach evolution. I am more comfortable teaching evolution. My interest in teaching evolution has increased. I still have outdated information on evolution. I am aware of more resources related to teaching evolution. My interest in science has increased. I understand the relevance of evolution to my life. My students interest in evaluation has increased. Compare your comfort level prior to interacting with the website with your current comfort level in answering the questions below if asked as attached re parent. How comfortable would you feel answering the question today compared to before you viewed the website? or comfortable and the relevance of evolution mean that God did not create man? Does evolution mean that God did not create man? Does evolution mean that we descended from apes? How can we be certain that evolution occurred? How can scientists make conclusions about evolution when there are gaps in the fossil records. Lease feel free to add comments related to how the website is helped you address challenging aspects of teaching volution. General Questions Characterize the overall tone of the website. Please check all that apply. Clear Unclear Too complicated Easy to understand Other: Just right Characterize the overall organization of the website. Please check all that apply.		t evolution.		\circ	\circ	\circ	\circ	\circ	\circ
I am more comfortable teaching evolution has increased. I still have outdated information on evolution. I am aware of more resources related to teaching evolution. My interest in science has increased. I understand the relevance of evolution to my life. My students interest in evaluation has increased. Compare your comfort level prior to interacting with the website with your current comfort level in answering the questions below if asked as attach or parent. How comfortable would you feel answering the question today compared to before you viewed the website? Compare your comfort level prior to interacting with the website with your current comfort level in answering the questions below if asked as a student or parent. How comfortable would you feel answering the question today compared to before you viewed the website? Comfortable Still not comfortable C	I am better prepared to tea	ach evolution.		0	\circ	_		0	0
My interest in teaching evolution has increased. I still have outdated information on evolution. I am aware of more resources related to teaching evolution. My interest in science has increased. I understand the relevance of evolution to my life. My students interest in evaluation has increased. Compare your comfort level prior to interacting with the website with your current comfort level in answering the questions below if asked as a student or parent. How comfortable would you feel answering the question today compared to before you viewed the website? Compare your comfort level prior to interacting with the website with your current comfort level in answering the questions below if asked as a student or parent. How comfortable would you feel answering the question today compared to before you viewed the website? Compare your comfort level prior to interacting with the website with your current comfort level in answering the questions below if asked as taddent or parent. How comfortable would you feel answering the question today compared to before you viewed the website? Contract challenging questions asked by student or comfortable comfortable work to be fore you viewed the website? Somewhat confortable comfortable	I am more comfortable tea	aching evolution.						_	
I still have outdated information on evolution. I am aware of more resources related to teaching evolution. My interest in science has increased. I understand the relevance of evolution to my life. My students interest in evaluation has increased. Compare your comfort level prior to interacting with the website with your current comfort level in answering the questions below if asked as attacent or parent. How comfortable would you feel answering the question today compared to before you viewed the website? Compare your comfort level prior to interacting with the website with your current comfort level in answering the questions below if asked as attacent or parent. How comfortable would you feel answering the question today compared to before you viewed the website? Compare your comfort level prior to interacting with the website with your current comfort level in answering the questions below if asked as taken and the prior to interacting with the website with your current comfort level in answering the questions below if asked as taken and the prior to interacting with the website? Somewhat comfortable comfortable with the website comfortable comforta	My interest in teaching ev	olution has increased.							
I am aware of more resources related to teaching evolution. My interest in science has increased. I understand the relevance of evolution to my life. My students interest in evaluation has increased. Compare your comfort level prior to interacting with the website with your current comfort level in answering the questions below if asked y a student or parent. How comfortable would you feel answering the question today compared to before you viewed the website? Still not comfortable Does evolution mean that God did not create man? Why don't you also teach about creationism? Why don't you also teach about creationism? Does evolution mean that we descended from apers? How can we be certain that evolution occurred? How can scientists make conclusions about evolution when there are gaps in the fossil records. I clear General Questions General Questions Characterize the overall tone of the website. Please check all that apply. Clear J Unclear Too complicated Too scientific J Just right Characterize the overall organization of the website. Please check all that apply. Clear J Unclear J Too scientific J Just right Characterize the overall organization of the website. Please check all that apply.	I still have outdated inform	nation on evolution.							
My interest in science has increased. I understand the relevance of evolution to my life. My students interest in evaluation has increased. Compare your comfort level prior to interacting with the website with your current comfort level in answering the questions below if asked y a student or parent. How comfortable would you feel answering the question today compared to before you viewed the website? Still not comfortable Does evolution mean that God did not create man? Why don't you also teach about creationism? Why don't you also teach about creationism? Does evolution mean that we descended from apes? How can we be certain that evolution occurred? How can scientists make conclusions about evolution when there are gaps in the fossil records. lease feel free to add comments related to how the website is helped you address challenging aspects of teaching volution. General Questions Characterize the overall tone of the website. Please check all that apply. Clear Unclear Too complicated Easy to understand Sophisticated Lighthearted and fun Too scientific Just right Characterize the overall organization of the website. Please check all that apply.	I am aware of more resour	rces related to teaching evolu	tion.	_					_
I understand the relevance of evolution to my life. My students interest in evaluation has increased. Compare your comfort level prior to interacting with the website with your current comfort level in answering the questions below if asked y a student or parent. How comfortable would you feel answering the question today compared to before you viewed the website? Somewhat more comfortable Does evolution mean that God did not create man? Why don't you also teach about creationism? Does evolution mean that we descended from apes? How can we be certain that evolution occurred? How can we be certain that evolution occurred? How can scientists make conclusions about evolution when there are gaps in the fossil records. Characterize the overall tone of the website. Please check all that apply. Clear Unclear Too complicated Easy to understand Sophisticated Lighthearted and fun Too scientific Just right Characterize the overall organization of the website. Please check all that apply.	My interest in science has	increased.							
My students interest in evaluation has increased. Compare your comfort level prior to interacting with the website with your current comfort level in answering the questions below if asked y a student or parent. How comfortable would you feel answering the question today compared to before you viewed the website? Somewhat more comfortable	I understand the relevance	e of evolution to my life.							
Compare your comfort level prior to interacting with the website with your current comfort level in answering the questions below if asked a student or parent. How comfortable would you feel answering the question today compared to before you viewed the website? Viewed the vebsite? Not a price to a student or parent. How comfortable would you feel answering the question today compared to before you viewed the website? Somewhat we will be comfortable would you feel answering the question to day compared to day compared to the price of the website? Somewhat we will you also teach about create man? Why don't you also teach about creationism? Does evolution mean that we descended from apes? How can we be certain that evolution occurred? How can we be certain that evolution occurred? How can scientists make conclusions about evolution when there are gaps in the fossil records. Characterize the overall tone of the website. Please check all that apply. Characterize the overall tone of the website. Please check all that apply. Characterize the overall organization of the website. Please check all that apply. Characterize the overall organization of the website. Please check all that apply.	My students interest in eva	aluation has increased.							
Does evolution mean that God did not create man? Why don't you also teach about creationism? Does evolution mean that we descended from apes? How can we be certain that evolution occurred? How can scientists make conclusions about evolution when there are gaps in the fossil records. Characterize the overall tone of the website. Please check all that apply. Clear Unclear Too complicated Easy to understand Sophisticated Lighthearted and fun Too scientific Just right Other: Characterize the overall organization of the website. Please check all that apply.	a student or parent. How contential challenging question	nfortable would you feel ans	wering the ques	stion today comp Somewhat more	ared to b More	efore yo	ou viewed Much mo	the webs	ite? Not
Does evolution mean that we descended from apes? How can we be certain that evolution occurred? How can scientists make conclusions about evolution when there are gaps in the fossil records. lease feel free to add comments related to how the website as helped you address challenging aspects of teaching volution. General Questions		God did not create	\circ					0	0
Does evolution mean that we descended from apes? How can we be certain that evolution occurred? How can scientists make conclusions about evolution when there are gaps in the fossil records. lease feel free to add comments related to how the website as helped you address challenging aspects of teaching volution. General Questions	Why don't you also teach	about creationism?	\circ)		\cap	
How can scientists make conclusions about evolution when there are gaps in the fossil records. case feel free to add comments related to how the website is helped you address challenging aspects of teaching olution. Characterize the overall tone of the website. Please check all that apply. Clear		we descended from	_					_	
evolution when there are gaps in the fossil records. lease feel free to add comments related to how the website as helped you address challenging aspects of teaching volution. General Questions	How can we be certain that	at evolution occurred?	\circ	\circ				0	\circ
General Questions	evolution when there are g		0	0)		0	0
Characterize the overall tone of the website. Please check all that apply. Clear	0.10	s related to how the website							
. Characterize the overall organization of the website. Please check all that apply.	as helped you address challeng								
	as helped you address challeng volution. Characterize the overall ton	ing aspects of teaching ne of the website. Please chec	ck all that apply	v. complicated □					
	as helped you address challeng volution. Characterize the overall ton Clear Sophisticated Sophisticated	ing aspects of teaching ne of the website. Please chec	ck all that apply	v. complicated □					
	as helped you address challeng volution. Characterize the overall ton Clear Sophisticated Other:	ing aspects of teaching ne of the website. Please chec Unclear Lighthearted and fun	ck all that apply Too	complicated scientific hat apply.	igate \Box				
	Characterize the overall ton Clear Sophisticated Other: Characterize the overall org Logical	ting aspects of teaching the of the website. Please checunclear Lighthearted and fun ganization of the website. Please checuncy and the website of the website. Please checuncy are the website of the website. Please checuncy are the website to colleagues? Yes	ck all that apply Too Too	complicated scientific hat apply. Easy to navi		Ju	st right [Other: [
ame: Email:	Sophisticated Other: Characterize the overall ton Clear Sophisticated Other: Logical Have you recommended the ame:	ganization of the website. Please check to colleagues? Yes	ck all that apply Too Too	complicated scientific hat apply. Easy to navi		Ju	st right [Other: [
Iame: Email: Email: Email:	as helped you address challeng volution. Characterize the overall ton Clear Sophisticated Other: Characterize the overall org Logical Have you recommended the lame:	ganization of the website. Please checulong and the website and fun and an	ck all that apply Too Too	complicated scientific hat apply. Easy to navi		Ju	st right [Other: [
	as helped you address challeng volution. Characterize the overall ton Clear Sophisticated Other: Characterize the overall org Logical Have you recommended the lame:	ganization of the website. Please checulong and the website and fun and an	ck all that apply Too Too	complicated scientific hat apply. Easy to navi		Ju	st right [Other: [
fame: Email: Email: Email:	as helped you address challeng volution. Characterize the overall ton Clear Sophisticated Other: Characterize the overall org Logical Have you recommended the lame: Jame: Jame:	ting aspects of teaching the of the website. Please checunclear Lighthearted and fun Ganization of the website. Please checuncy Confusing Ewebsite to colleagues? Yes Email: Email: Email:	ck all that apply Too Too	complicated scientific hat apply. Easy to navi es, may we conta		Ju for feed	st right [back? Ple	Other: (de:

5. Please explain any barriers or challenges to using the website.

6. Please share suggestions or	improving the website for teachers.		
We are interested in following number, and the best time to		ents. Please provide your current email address (import	tant for scheduling), phone
Email:	Tel::	Best time to contact:	
If you are not interested in beir	ng contacted for a brief telephone interview	(approximately 15-20 minutes), please check here	
UCMP will be launching a stud	lent centered website. Are you interested in	using the website with your students? Yes O No O	
Please feel free to share addit	ional comments.		//

THANK YOU!

If you have any questions or comments, contact $\underline{nicole@rockman.com}$

Please click the submit button once.

submit