

When Dinosaurs Roamed America – Chapter #3----- 6/8/08 3:05 PM

File name	Film Time In	Scene / Frame Description	Main Content Window	Secondary Content Window	BG	Design Template	Interactivity And <Tracking>	SOURCE
wdra_cl07		New Mexico 90 Million years ago	<p>Environment: Albuquerque was a tropical swamp? Hard to believe that there was once a shallow sea dividing the continent in two. To capture this type of terrain, filmmakers went to Dismals Canyon, Alabama.</p> <p>{Pix transition from Albuquerque today and Dismals Canyon}</p>		D/W	A closer Look		

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wdra_nrn03.swf		Zuniceratops grazing	<p>Witness history in the making! In this episode, there are three new species that have never before been visualized. Let's meet the first one...</p> <p>><</p> <p>Zuniceratops (zoo-nee-SER-uh-tops) The first of Zuniceratops' fossils were discovered Nov. 11,1996 in Western New Mexico by eight-year old Christopher Wolfe of Phoenix and his dad paleontologist Doug Wolfe.</p> <p>Christopher found a "blackish purple...shiny" brow horn of the dinosaur while his "mom stopped to rest at the bottom of the hill." He picked it up and asked his father if it was rock or bone.</p> <p>Besides the brown horn, Christopher and his father found jaw parts, the brain case, some teeth and other fossils. Jim Kirkland, as well as Christopher's father, decided to name the species after the boy.-- <i>Zuniceratops Christopheri</i></p>	<p>wdra_dd03.swf Dino Dimensions Zuniceratops {size of a cow} (cat) (man) (elephant)</p>		NRN	<3 buttons]>	

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wdra_nrn06.swf		Raptor lunging on carcass	<p>Birds of a Feather?</p> <p>For the first time we are able to see Raptors with feathers. In the past, there had been some speculation that Raptors and other Coelurosaurs might actually have had feathers since evidence shows they are related to birds.</p> <p>Recent discoveries in {---} have confirmed that some dinosaurs and these raptors did indeed have feathers.</p>			Scientific firsts		
wdra_bs05.swf		Coelurosaurs/ raptors eating dead carcass	<p>Fur or Feathers</p> <p>The feathers you see in this program are not what usually you might think. These feathers did have structure to them but they were more like 'proto-feathers', similar to what would appear on a young bird today. They were long, thin, and spiky.</p>	<p>{wdra_poll04.swf}</p> <p>What do you think?</p> <p>Dinosaurs with feathers-- Is this believable?</p> <p>[yes] [no]</p>		Behind the scenes	<p><[yes]></p> <p><[no]></p>	Interview with John Copeland

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wdra_sw04.swf		Raptor Inside Look	<p>Foul Play – putting it all together Creating the feathered Raptors required multiple steps. Click on the slider to view the process.</p> <p>><</p> <p>The face, hands, and feet of the raptor had to be generated separately from the rest of the body in order to successfully control the lighting effects.</p> <p>><</p> <p>The feathered body was created next. In order to achieve the proper lighting effects that would match the face and hands, the body was created twice its normal size. This made it easier to use 2 key lights instead of one to create the proper look of the down-like feathers.</p> <p>><</p> <p>The various elements were then married together in the compositing stage to create the feathered raptor.</p>			Resurrecting reptiles Use Scene Wizard	<[slider]>	

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wdra_nrn04.swf		Nothronychus	<p>(A pic of the mount)</p> <p>New Relic News</p> <p>Nothronychus (noth-ron-EYE-cuss)</p> <p>This plant eater has a long neck, but stands on two legs and has a shaggy coat. This is the first time a fossil like this has been discovered in America.</p> <p>The Discovery Channel is also the first to unveil the only mount in the world of this extremely rare fossil. Jim Kirkland discovered and named this unusual creature, and now you are the first to see it!</p>	<p>wdra_dd04.swf</p> <p>Dino Dimensions</p> <p>Nothronychus [Human] [house Cat] [elephant]</p>		New relic news	<[3 buttons]>	
wdra_xprt05.swf		Wolfe & Kirkland	<p>Meet the Experts</p> <p>DOUG WOLFE</p> <p>Douglas Wolfe is Principal Investigator and Director of the Zuni Basin Paleontological Project.</p> <p>He has discovered several new dinosaurs from the middle Cretaceous Period including <i>Zuniceratops christopheri</i>.</p> <p>He has a Bachelor of Arts and a Master of Science degree in paleontology from the University of Colorado and conducted PhD level research in Paleontology at the University of Nebraska, where he also instructed courses in Geology and Paleontology.</p>	<p>{wdra_la04.swf}</p> <p>Looking Ahead...</p> <p>Painting pixels with light at Meteor Studios.</p>		Meet the experts		

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		Bump out Break Bump In						
wdra_bs04.swf		Zuni's mating season	<p>Casting Shadows in the Forest Click the slider to view the lighting process.</p> <p>Lighting artist Jean-Pierre Riverin created a gobo that simulates the way lights spill through the trees of the forest.</p> <p>><</p> <p>A gobo is similar to a stencil that allows light to pass through the open areas. Animators place a gobo in front of their light source.</p> <p>><</p> <p>Light is then shot through the gobo. Which in turn places the image of the gobo, in an adjustable light, on any surface they project it on.</p> <p>They use gobos to paint with light to add reality and give depth to the image.</p>	<p>{wdra_dt06.swf}</p> <p>What does a coprologist study?</p> <p>(a) fossilized stomach remains (b) fossilized eggs (c) fossilized excrement (d) All of the above</p> <p>(That's right!) (Sorry that's incorrect)</p> <p>Dinosaur coprolites, although rare, offer scientists tantalizing clues about dinosaur diets.</p>		Behind the Scenes	<p><[slider]></p> <p><[choices]></p>	