



Welcome to Pterosaurs: The Card Game!

Pterosaurs were flying reptiles that lived during the age of dinosaurs — and the first vertebrates to fly under their own power.

Pterosaurs: The Card Game uses images and information from the vast collections of the American Museum of Natural History in New York City, especially the 2014 special exhibition *Pterosaurs: Flight in the Age of Dinosaurs*. The game was co-designed with teenagers in the Museum's #scienceFTW program and with game designer Nick Fortugno, based on an existing biodiversity card game, Phylo (Phylogame.org).

Much about pterosaurs is still unknown, and scientific research is ongoing. While **Pterosaurs: The Card Game** is based on the latest findings, it also involves educated guesses. For example, we can't always know exactly what an animal ate about 66–220 million years ago.

Making Your Cards

What You'll Need:

- printer
- regular paper
- light card stock (optional)
- scissors

What To Do:

1. Print the instructions (p.1-2 of PDF) on regular paper.
2. Print the cards (p.3-11) on light card stock or regular paper.
3. Optional: If you'd like, print the pattern (p.12) on the back of the cards.
4. Cut the cards using scissors. There are 51 cards in this deck.
5. Grab a friend and play!

Card Elements

Trophic level: Its place in the food chain. Can only eat one immediately below it.

Name: *Tupuxuara leonardii*

Points: The value of this card if still in play, and facing you, at the end of the game.

Flight: Animals that fly can also move diagonally.

Period: When this animal or plant lived. At least one must match to be played.

Extinct/Extant: If it is extinct or still alive today.

Rarity: Some cards are common, some rare, and some augmented. See if you can figure out which is which.

Terrain: Where it lives or feeds. At least one must match to be played.

FLIGHT of 2

CRETACEOUS

TERRAIN:

Tupuxuara means "long crested" and has been found along South American coasts. Scientists are not sure if they ate fruit or fish. (extinct)

Illustration by David Martin © AMNH

Sample Layout After a Few Turns

Draw Pile

Discard Pile

HOME CARD

Draw Pile: A stack of cards with a green top card showing a pterosaur.

Discard Pile: A stack of cards with a purple top card showing a pterosaur.

HOME CARD: A card with a green background and a pterosaur illustration.

Other cards visible: A card with a blue background and a pterosaur illustration, a card with a purple background and a pterosaur illustration, a card with a green background and a pterosaur illustration, a card with a blue background and a pterosaur illustration, a card with a purple background and a pterosaur illustration, a card with a green background and a pterosaur illustration.

Cards with the diamond symbol can come to life with a special mobile app! Download the free app for iPhone or iPad at amnh.org/PterosaursGame.



How To Play

Number of Players: 2

Objective: Place and keep on the table as many plants and animals as you can by building up their food chains and disrupting your opponent's food chains. The person with the most points at the end of the game wins.

Setup: Place the two Home Cards in the center of the table. Every card played should face its owner. Shuffle the remaining cards, deal each player five cards, face down, and place the rest on the side as the Draw Pile, also face down. Youngest player begins the game.

Taking A Turn: Each player takes a card from the top of the Draw Pile. Then he or she must choose three of these 5 actions (players can use the same action more than once in a turn):

- 1. Start a food chain:** Place a Level 1 card next to any card. (A Trophic Level is an organism's place on a food chain. 1 is lowest and 3 is highest.) The card must face you.
- 2. Add to a food chain:** Place a Level 2 or 3 card in an empty space next to a card already in play (including your opponent's). You can only place a card next to a card that meets the following conditions:
 - It's one trophic level lower on the chain.
 - It shares at least one time period (e.g., Jurassic) and one terrain (e.g., ocean). Note: a card does not need to match ALL surrounding cards but must match at least ONE.
- 3. Play an Event Card:** Event cards disrupt another player. Follow the instructions on the card. Note: Some cards can be played during an opponent's turn.
- 4. Move a Card:** If an opponent has played a card that disrupts your card's food chain, you must reconnect it to another food chain. You can only move it one square into an open space, either horizontally or vertically. Animals that fly can also move diagonally. If the card cannot find food by the end of your next turn, you must remove it from the board.
- 5. Discard a card:** Place a card from your hand face up on the Discard Pile (next to the Draw Pile) and take three cards from the top of the Draw Pile. These cards may be played on the turn in which they were drawn.

End game: The game ends when there are no cards left in the Draw Pile. Players count up the point value of every card facing them on the table. The player with the most points wins!

Acknowledgments

- Thank you to everyone in the Museum's #scienceFTW program: Daniel, Gio, Cedric, David, Katie, Ruida, Javier, Michael Christopher, John, and Marc; its instructors, Julia, Nick (Playmatics), Shepard, and Barry.
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- Thanks to all of the artists who worked to make their images available or provided them online under Creative Commons.
- Thanks to David Ng, Haley Fiege and the rest of the **Phylo** community. Special credit to Honorah O'Neill for principal development of the Phylo game rules. Thanks also to the Michael Smith Laboratories, UBC, whose financial support helped make this game possible. For free access to more Phylo cards and information, please visit <http://phylogame.org>



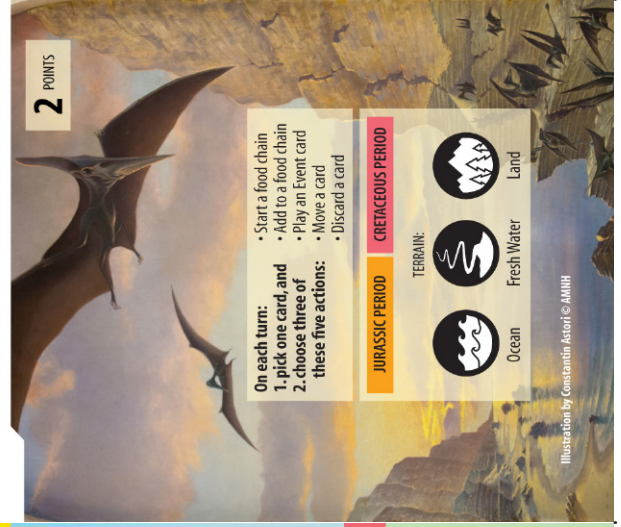
HOME CARD

American Museum of Natural History's
Pterosaurs: The Card Game



HOME CARD

American Museum of Natural History's
Pterosaurs: The Card Game



Pterodaustro guinazui

3 4 2 1
POINTS



FLIGHT of 1

This pterosaur's name comes from the Greek word "pteron" (wing) and the Latin word "auster" (south wind). It may have used its thousands of bristle-like teeth to strain crustaceans, plankton, and other small aquatic animals. (*extinct*)

Illustration by Raul Martin © AMNH 2014

CRETACEOUS



Tupuxuara leonardii

3 5 2 1
POINTS



FLIGHT of 2

Tupuxuara means "long crested" and has been found along ancient South American coasts. Scientists are not sure if they ate fruit or fish. (*extinct*)

Illustration by Raul Martin © AMNH 2014

CRETACEOUS



Jeholopterus ningchengensis

3 4 2 1
POINTS



FLIGHT of 1

Jeholopterus was named after a city near where it was found in Northeastern China. It lived in the forest, hunted insects, and is the only known species in its genus. (*extinct*)

Illustration by Raul Martin © AMNH 2014

JURASSIC



Pteranodon longiceps

3 5 2 1
POINTS



FLIGHT of 2

Pteranodon is one of the most famous pterosaurs, having appeared in movies such as *King Kong*. Its name means "wing without tooth" and its fossils have been found in western Kansas. Scientists think it may have dived for fish. (*extinct*)

Illustration by Raul Martin © AMNH 2014

CRETACEOUS





<p>3 5 POINTS 2 1</p> <p><i>Dimorphodon macronyx</i></p>  <p>FLIGHT of 2 JURASSIC TERRAIN:  <i>Dimorphodon macronyx</i> was discovered near Lyme Regis, England, on what is now called the Jurassic Coast. <i>Dimorphodon</i> means "two-form tooth," which refers to its two distinct types of teeth. <i>Macronyx</i> refers to its large claws. (extinct) <small>Illustration by Raul Martin © AMNH 2014</small></p>	<p>3 7 POINTS 2 1</p> <p><i>Quetzalcoatlus northropi</i></p>  <p>FLIGHT of 3 CRETACEOUS TERRAIN:   SPECIAL RESTRICTION: MUST BE PLAYED ADJACENT TO TWO DIFFERENT LEVEL 2 CARDS. Named after both the Aztec air god Quetzalcoatl and the Northrop Corporation, this Texan pterosaur had a wingspan of roughly 33 feet (the size of a 2-person airplane) and a height of 16-18 feet! (extinct) <small>Illustration by Raul Martin © AMNH 2014</small></p>
<p>3 4 POINTS 2 1</p> <p><i>Tapejara wellnhoferi</i></p>  <p>FLIGHT of 1 CRETACEOUS TERRAIN:   <i>Tapejara</i> means "old being" and has been found in Northeast Brazil. The tip of its lower jaw is turned downward. It may have been a fruit eater, or skimmed the surface of the ocean for fish. (extinct) <small>Illustration by Raul Martin © AMNH 2014</small></p>	<p>3 4 POINTS 2 1</p> <p><i>Nyctosaurus gracilis</i></p>  <p>FLIGHT of 1 CRETACEOUS TERRAIN:  <i>Nyctosaurus</i> means "night lizard." It has been found in the Niobrara Formation of the mid-western United States. <i>Nyctosaurus</i> possessed an extraordinarily large antler-like crest, which is surprising given how small the pterosaur was. (extinct) <small>Illustration by Raul Martin © AMNH 2014</small></p>
<p>3 4 POINTS 2 1</p> <p><i>Pterodactylus antiquus</i></p>  <p>FLIGHT of 1 JURASSIC TERRAIN:  These were the first pterosaurs ever to be identified, found in 1784 by the German scientist Cosimo Alessandro Collini for the wonder cabinet he curated. (extinct) <small>Illustration by Raul Martin © AMNH 2014</small></p>	<p>3 4 POINTS 2 1</p> <p><i>Rhamphorhynchus muensteri</i></p>  <p>FLIGHT of 1 JURASSIC TERRAIN:  <i>Rhamphorhynchus</i> means "beak snout." This pterosaur has been found in Germany. It had a very long tail, and its long, needle-like teeth helped it catch fish over open water. (extinct) <small>Illustration by Raul Martin © AMNH 2014</small></p>



<p>Ammonite</p> <p>3 2 1</p> <p>3 POINTS</p>		<p>CRETACEOUS</p> <p>TERRAIN: </p> <p>Despite their large shells that could grow up to seven feet across, these predatory, squid-like shellfish were capable of swimming. <i>(extinct)</i></p> <p>PTERO TIDBIT Pterosaurs are close cousins of dinosaurs, but evolved on a separate branch of the reptile family tree.</p> <p>Photo © AMNH/J.M. Stanley</p>	<p>Cockroach</p> <p>3 2 1</p> <p>2 POINTS</p>		<p>JURASSIC CRETACEOUS</p> <p>TERRAIN: </p> <p>Cockroaches existed before pterosaurs and dinosaurs. The first fossils of modern cockroaches appeared in the Early Cretaceous period. <i>(extant)</i></p> <p>PTERO TIDBIT When scientists find a small pterosaur they try to determine whether it was a juvenile or an adult member of a small species of pterosaur.</p> <p>Illustration by Constantin Acari © AMNH</p>
<p>Dsungaripterus weii</p> <p>3 2 1</p> <p>5 POINTS</p>		<p>CRETACEOUS</p> <p>TERRAIN: </p> <p>FLIGHT of 2</p> <p><i>Dsungaripterus</i> was first found in China in the Junggar Basin. Its jaw was not designed to catch and eat fish, but rather to dig up clams along the beach and crush them with its large flat teeth. <i>(extinct)</i></p> <p>Illustration by Paul Martin © AMNH 2014</p>	<p>Ammonite</p> <p>3 2 1</p> <p>3 POINTS</p>		<p>CRETACEOUS</p> <p>TERRAIN: </p> <p>Despite their large shells that could grow up to seven feet across, these predatory, squid-like shellfish were capable of swimming. <i>(extinct)</i></p> <p>PTERO TIDBIT Pterosaurs are close cousins of dinosaurs, but evolved on a separate branch of the reptile family tree.</p> <p>Photo © AMNH/J.M. Stanley</p>
<p>Anhangera blittersdorffi</p> <p>3 2 1</p> <p>5 POINTS</p>		<p>CRETACEOUS</p> <p>TERRAIN: </p> <p>FLIGHT of 2</p> <p><i>Anhangera</i> means "Old Devil." The bumps on the tip of its bill may have helped it stabilize its head when snatching fish as they leapt out of the water! <i>(extinct)</i></p> <p>Illustration by Paul Martin © AMNH 2014</p>	<p>Scaphognathus</p> <p>3 2 1</p> <p>4 POINTS</p>		<p>CRETACEOUS</p> <p>TERRAIN: </p> <p>FLIGHT of 1</p> <p><i>Scaphognathus</i> means "fat snout" in Latin. It has been found in Germany and may have had a good sense of sight. <i>(extinct)</i></p> <p>Illustration by Paul Martin © AMNH 2014</p>



<p>3 2 1 POINTS</p> <p>Cockroach</p> <p>JURASSIC CRETACEOUS</p> <p>TERRAIN: </p> <p>PTERO TIDBIT Cockroaches existed before pterosaurs and dinosaurs. The first fossils of modern cockroaches appeared in the Early Cretaceous period. (<i>extant</i>)</p> <p>When scientists find a small pterosaur they try to determine whether it was a juvenile or an adult member of a small species of pterosaur.</p> <p>Illustration by Constantin Asorri © AMNH</p>	<p>3 2 1 POINTS</p> <p>Dragonfly</p> <p>JURASSIC CRETACEOUS</p> <p>TERRAIN: </p> <p>FLIGHT of 1 Dragonflies are among the fastest and most ancient flying insects in the world! (<i>extant</i>)</p> <p>PTERO TIDBIT Pterosaurs were neither birds nor bats. They were flying reptiles that lived between ~220 and ~66 million years ago.</p> <p>Illustration by Paul Martin © AMNH 2014</p>
<p>3 2 1 POINTS</p> <p>Dragonfly</p> <p>JURASSIC CRETACEOUS</p> <p>TERRAIN: </p> <p>FLIGHT of 1 Dragonflies are among the fastest and most ancient flying insects in the world! (<i>extant</i>)</p> <p>PTERO TIDBIT Pterosaurs were neither birds nor bats. They were flying reptiles that lived between ~220 and ~66 million years ago.</p> <p>Illustration by Paul Martin © AMNH 2014</p>	<p>3 2 1 POINTS</p> <p>Water Strider</p> <p>JURASSIC CRETACEOUS</p> <p>TERRAIN: </p> <p>The water strider's long and slender legs, with several thousand hairs, enable them to walk on water. (<i>extant</i>)</p> <p>PTERO TIDBIT Pterosaurs left no descendants—only fossils.</p> <p>Photo © AMNH/AM Stanley</p>
<p>3 2 1 POINTS</p> <p>Lycopera</p> <p>JURASSIC CRETACEOUS</p> <p>TERRAIN: </p> <p>Fossils of these small freshwater fish have been found in large groups, suggesting they congregated in sandbars. (<i>extinct</i>)</p> <p>PTERO TIDBIT Pterosaurs were the first animals after insects to evolve powered flight—not just leaping or gliding, but flapping their wings to generate lift.</p> <p>Illustration © Ivy Ruckey (1990)</p>	<p>3 2 1 POINTS</p> <p>Ischyodus</p> <p>JURASSIC CRETACEOUS</p> <p>TERRAIN: </p> <p>The long spine attached to the dorsal fin of the <i>Ischyodus</i> may have been venomous. (<i>extinct</i>)</p> <p>PTERO TIDBIT No one knows exactly what pterosaurs looked like. The pterosaur colors and patterns on these cards are inferred from animals living today that have similar lifestyles.</p> <p>Illustration © Ivy Ruckey (1990)</p>



<p>3 2 1 POINTS</p> <p><i>Obaichthys</i></p>  <p>CRETACEOUS TERRAIN:  </p> <p>PTERO TIDBIT Obaichthys is a primitive garfish, whose fossils have been found in Brazil. (extinct) More than 150 species of pterosaurs have been discovered in excavations around the globe.</p> <p>Illustration © Ivy Ruckey (1996)</p>	<p>3 2 1 POINTS</p> <p><i>Aspidorhynchus</i></p>  <p>JURASSIC CRETACEOUS TERRAIN: </p> <p>PTERO TIDBIT Aspidorhynchus was a speedy two-foot-long fish, with tooth-lined, elongated jaws. (extinct) Pterosaurs were the first vertebrates (animals with backbones) to have powered flight.</p> <p>Illustration © Ivy Ruckey (1996)</p>
<p>3 2 1 POINTS</p> <p><i>Waterscorpion</i></p>  <p>JURASSIC TERRAIN:  </p> <p>PTERO TIDBIT Waterscorpions are insects, but are not closely related to true scorpions. (extant) Pterosaurs were closely related to dinosaurs but had streamlined bodies, narrow jaws, and long forelimbs—adaptations for life in the air.</p> <p>Photo © Scott Morrison</p>	<p>3 2 1 POINTS</p> <p><i>Waterscorpion</i></p>  <p>JURASSIC TERRAIN:  </p> <p>PTERO TIDBIT Waterscorpions are insects, but are not closely related to true scorpions. (extant) In 1809, French zoologist Georges Cuvier was the first to identify a pterosaur. Cuvier called it a flying reptile and he named it ptero-dactyle, meaning "wing finger."</p> <p>Photo © Scott Morrison</p>
<p>3 2 1 POINTS</p> <p><i>Waterscorpion</i></p>  <p>JURASSIC TERRAIN: </p> <p>PTERO TIDBIT Waterscorpions are insects, but are not closely related to true scorpions. (extant) The earliest known pterosaurs were roughly the size of a seagull.</p> <p>Photo © Scott Morrison</p>	<p>1 2 1 POINT</p> <p><i>Nymphaeales (Water Lily)</i></p>  <p>CRETACEOUS TERRAIN: </p> <p>PTERO TIDBIT Water lily fossils have been found from as early as the Cretaceous period. (extant) Pterosaurs may have traveled in flocks or gathered at the same spots to feed.</p> <p>Photo by Skyprints (CC-BY-SA-2.0)</p>



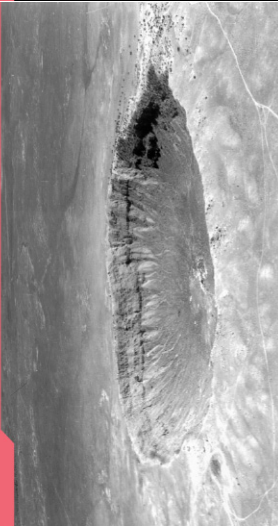
<p>1 POINT</p> <p>3 2 1</p> <p><i>Nymphaeales (Water Lily)</i></p> 	<p>CRETACEOUS</p> <p>TERRAIN: </p> <p>Water lily fossils have been found from as early as the Cretaceous period. (<i>extant</i>)</p> <p>PTERO TIDBIT Pterosaurs may have traveled in flocks or gathered at the same spots to feed.</p> <p>Photo by Skybirds (CC-BY-SA-2.0)</p>
<p>1 POINT</p> <p>3 2 1</p> <p><i>Aeger elegans</i></p> 	<p>JURASSIC</p> <p>TERRAIN: </p> <p><i>Aeger elegans</i> is a species of shrimp that was found in the Solnhofen limestone of Germany. (<i>extinct</i>)</p> <p>PTERO TIDBIT Pterosaurs all had the same basic body plan, but species varied dramatically.</p> <p>Photo by Masar (CC-BY-SA-2.0)</p>
<p>1 POINT</p> <p>3 2 1</p> <p><i>Ginkgo</i></p> 	<p>CRETACEOUS</p> <p>TERRAIN: </p> <p>The fan-shaped leaves of this ancient ginkgo tree, now extinct, are similar to modern ginkgo leaves. (<i>extant</i>)</p> <p>PTERO TIDBIT When pterosaurs walked, they tucked in their wings. The fourth finger was connected to the hand by a roller joint, so the wings could fold like umbrella spokes.</p> <p>Photo by Kevin (CC-BY-SA-3.0)</p>
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<p>1 POINT</p> <p>3 2 1</p> <p><i>Ginkgo</i></p> 	<p>CRETACEOUS</p> <p>TERRAIN: </p> <p>The fan-shaped leaves of this ancient ginkgo tree, now extinct, are similar to modern ginkgo leaves. (<i>extant</i>)</p> <p>PTERO TIDBIT When pterosaurs walked, they tucked in their wings. The fourth finger was connected to the hand by a roller joint, so the wings could fold like umbrella spokes.</p> <p>Photo by Kevin (CC-BY-SA-3.0)</p>
<p>1 POINT</p> <p>3 2 1</p> <p><i>Clam</i></p> 	<p>CRETACEOUS</p> <p>TERRAIN:  </p> <p>The organs of clams are surrounded by watery blood that contains nutrients and oxygen. (<i>extant</i>)</p> <p>PTERO TIDBIT Pterosaurs began life on the ground, hatching from eggs.</p> <p>Illustration by Raul Martin © AMNH 2014</p>



<p>Clam</p> <p>1 POINT</p> <p>3 2 1</p> 	<p>CRETACEOUS</p> <p>TERRAIN:</p>  <p>The organs of clams are surrounded by watery blood that contains nutrients and oxygen. (<i>extant</i>)</p> <p>PTERO TIDBIT</p> <p>Pterosaurs began life on the ground, hatching from eggs.</p> <p>Illustration by Paul Martin © AMNH 2014</p>
<p>Brachyphyllum</p> <p>1 POINT</p> <p>3 2 1</p> 	<p>JURASSIC CRETACEOUS</p> <p>TERRAIN:</p>  <p>These coniferous trees lived all over the globe during the Jurassic and Cretaceous periods. (<i>extinct</i>)</p> <p>PTERO TIDBIT</p> <p>In the Jurassic period a new group of pterosaurs emerged. They had shorter tails, longer hands and neck bones, and bony crests on top of their heads.</p> <p>Photo © AMNH</p>
<p>Brachyphyllum</p> <p>1 POINT</p> <p>3 2 1</p> 	<p>JURASSIC CRETACEOUS</p> <p>TERRAIN:</p>  <p>These coniferous trees lived all over the globe during the Jurassic and Cretaceous periods. (<i>extinct</i>)</p> <p>PTERO TIDBIT</p> <p>In the Jurassic period a new group of pterosaurs emerged. They had shorter tails, longer hands and neck bones, and bony crests on top of their heads.</p> <p>Photo © AMNH</p>
<p>Paleomattea</p> <p>1 POINT</p> <p>3 2 1</p> 	<p>CRETACEOUS</p> <p>TERRAIN:</p>  <p>The name of this shellfish means "ancient delicacy" and is derived from the Latin word <i>delicosa</i> which means delicious. (<i>extinct</i>)</p> <p>PTERO TIDBIT</p> <p>A wide variety of pterosaurs lived during the Cretaceous period, including the largest known pterosaurs.</p> <p>Photo © AMNH</p>
<p>Gnatales</p> <p>1 POINT</p> <p>3 2 1</p> 	<p>CRETACEOUS</p> <p>TERRAIN:</p>  <p>Gnatales are an evolutionary step between cone-bearing conifers and modern flowering plants, displaying BOTH cones and flowers. (<i>extant</i>)</p> <p>PTERO TIDBIT</p> <p>Baby pterosaurs were very independent. With long wings and toothy jaws, they could probably live on their own right after hatching, even able to find their own food.</p> <p>Illustration by Ivy Rusky © AMNH</p>
<p>Beurlenia</p> <p>1 POINT</p> <p>3 2 1</p> 	<p>CRETACEOUS</p> <p>TERRAIN:</p>  <p>This extinct shrimp is named after the German paleontologist Karl Beurlen (1901-1985), who studied fossils in Brazil. (<i>extinct</i>)</p> <p>PTERO TIDBIT</p> <p>The earliest pterosaurs were relatively small and robust, with long tails, short necks and jaws lined with teeth.</p> <p>Photo © AMNH</p>
<p>Brachyphyllum</p> <p>1 POINT</p> <p>3 2 1</p> 	<p>JURASSIC CRETACEOUS</p> <p>TERRAIN:</p>  <p>These coniferous trees lived all over the globe during the Jurassic and Cretaceous periods. (<i>extinct</i>)</p> <p>PTERO TIDBIT</p> <p>In the Jurassic period a new group of pterosaurs emerged. They had shorter tails, longer hands and neck bones, and bony crests on top of their heads.</p> <p>Photo © AMNH</p>
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EVENT : Meteorite Crash



A meteorite has crashed, disrupting the entire ecosystem!

PLAY on any level 1 or 2 card.

EFFECT Destroy the selected card and each card lower than it on its food chain. Discard this card.

Photo © AMNH



EVENT : Climate Change



The climate has shifted.

PLAY on any level 1 or 2 card.

EFFECT Leave this event card on the table and permanently change the terrain of the card underneath to land, sea or ocean. (Remove at end of game so opponent can collect the points underneath.)

Photo © AMNH



EVENT : Theropod Attack



In Morocco, scientists found the tracks of a theropod (a type of carnivorous dinosaur) among those of pterosaurs. Did dinosaurs pose a threat to pterosaurs? Evidence is scarce, but some fossils suggest they did.

PLAY on one pterosaur to remove it from the game and leave this card in its place.

Photo © AMNH



EVENT : Theropod Attack



In Morocco, scientists found the tracks of a theropod (a type of carnivorous dinosaur) among those of pterosaurs. Did dinosaurs pose a threat to pterosaurs? Evidence is scarce, but some fossils suggest they did.

PLAY on one pterosaur to remove it from the game and leave this card in its place.

Photo © AMNH



EVENT : I Don't Think So



HA HA HA

NO.

PLAY this card on your opponent's turn when they use an event card against you.

EFFECT Stop the effect of their event card and discard this card.

Image © AMNH



EVENT : I Don't Think So



HA HA HA

NO.

PLAY this card on your opponent's turn when they use an event card against you.

EFFECT Stop the effect of their event card and discard this card.

Image © AMNH





EVENT : Dead Pterosaur



Pterosaurs aren't immune to this fact of life: death!

PLAY on any pterosaur card and leave it there.

EFFECT The pterosaur group lives on but has been reduced in number, with a point value reduced by 2.

Photo © AMNH

EVENT : Volcano



A volcano has erupted, wiping out larger reptiles in this land or water area.

PLAY on any level 1 or 2 card.

EFFECT Destroy the selected card, discard this one, and freeze movement for all adjacent cards for one round (only horizontal and vertical).

Photo © AMNH

EVENT : Migration



The season has changed. Time to move!

PLAY on any level 3.

EFFECT Turn any level 3 card around and take control of it. Then discard this card.

Photo © AMNH

