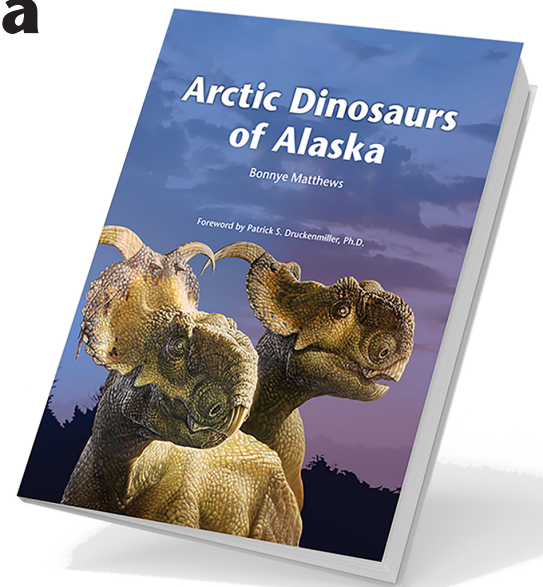
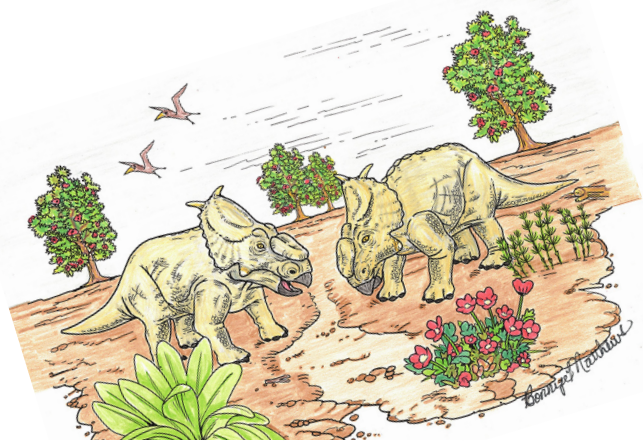


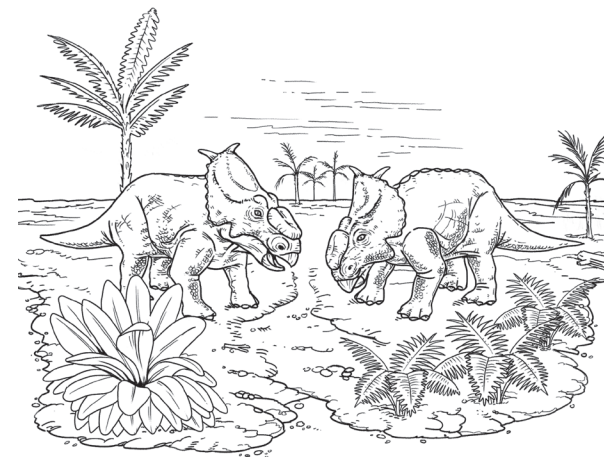
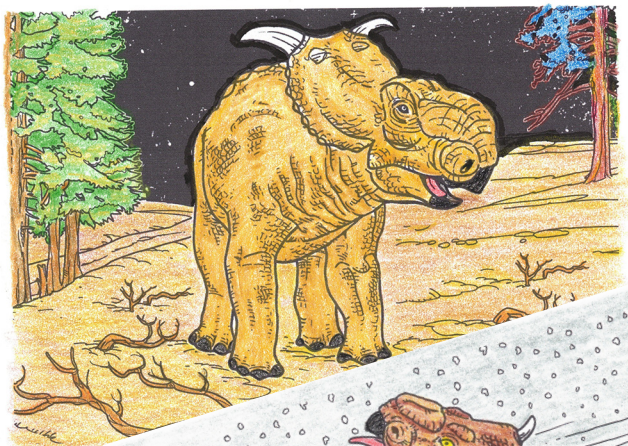
Arctic Dinosaurs of Alaska

Coloring and Activity Pages

Bonnye Matthews



6 Arctic Dinosaurs of Alaska



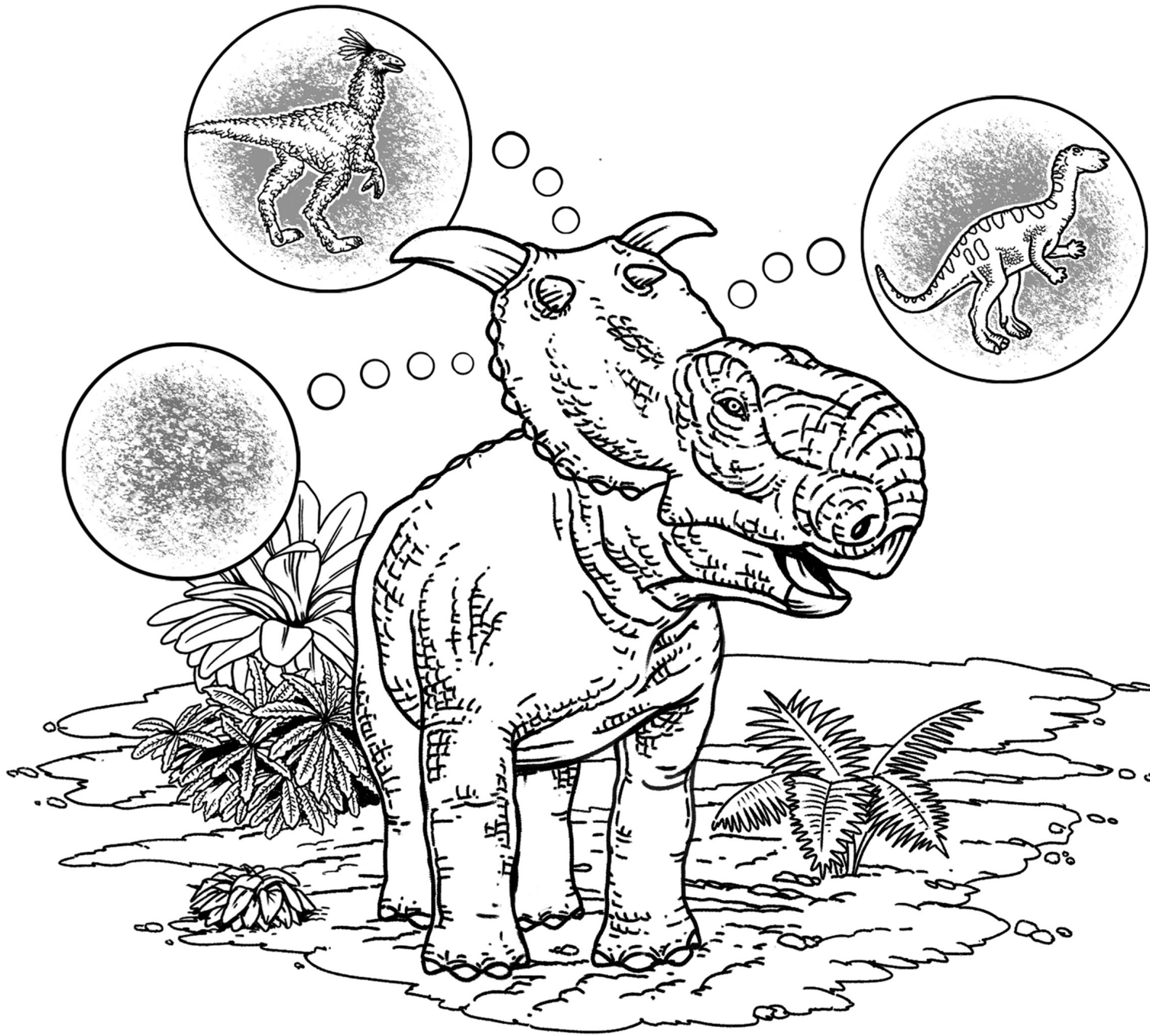
Pakky and Ranny awaken slowly aware of a change in environment.

Now the ground shook slightly. The little pachyrhinosaurus knew it was Matriarch stomping her front foot to alert the sleeping group to arise.

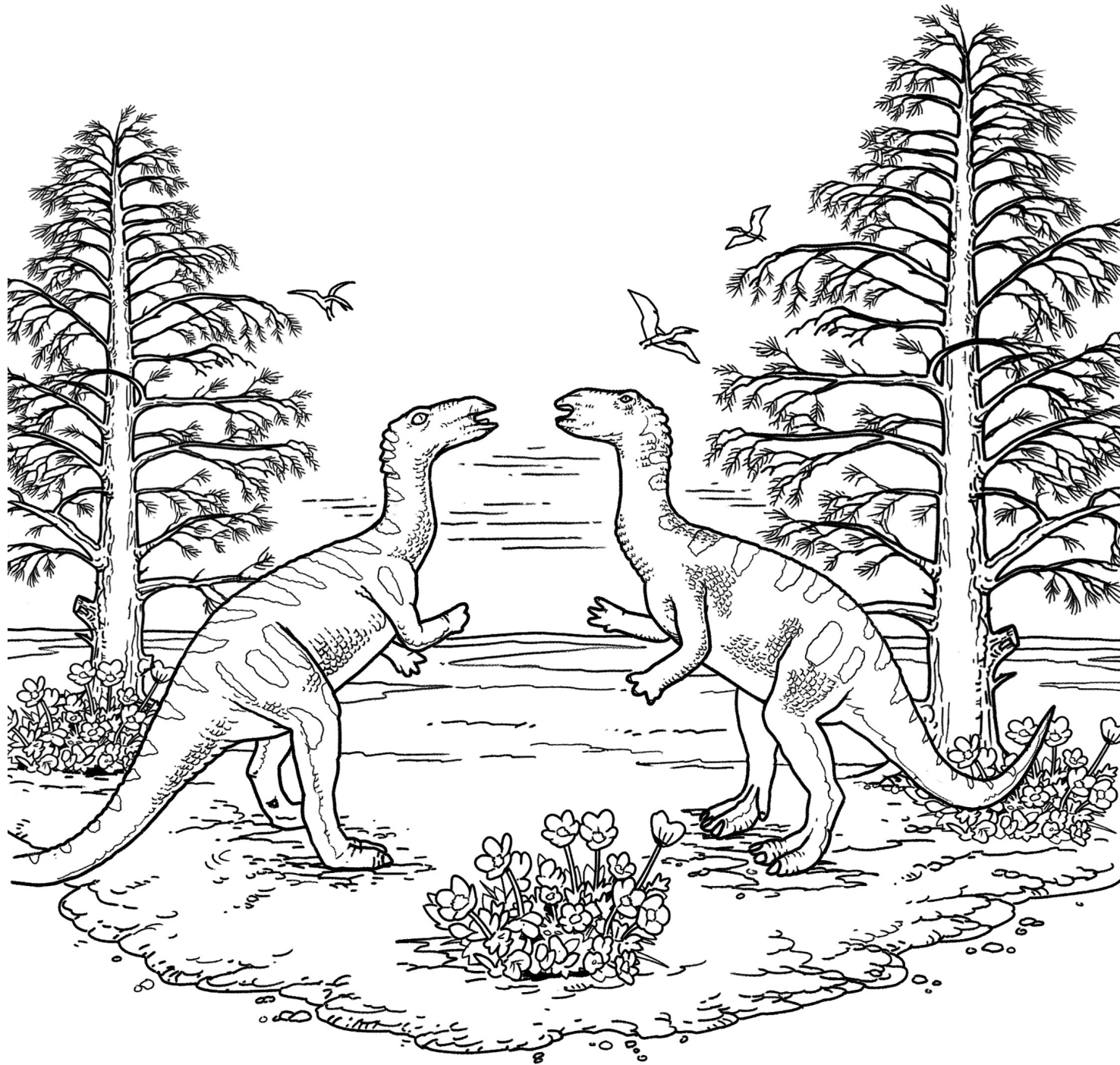
Matriarch had recently replaced the former leader. When an old conifer had fallen in a strong wind, it took the life of the ancient one. The herd grieved and remained at the site until Matriarch forced them from the body to their gathering ground near the lake. Though she was young, Matriarch became the new leader. She had her first clutch to protect, and now she had a more serious responsibility—to lead the entire pachyrhinosaurus group.

The stomp gave Pakky permission to stretch, move, and rise. As a greeting, Pakky's mother, Matriarch, nuzzled her with her beak. Matriarch repeatedly made a throat-clearing sound. Pakky nuzzled back, returning the sound. Pakky observed her mother emitted a faint scent indicating she was mildly troubled. Pakky stretched out, bumping into her brother, Ranny. She yawned, struggled to her feet, opened her right eye, and blinked. Some dry vines hung in her frill horns. They interfered with her sight. She shook her head and the vine strands fell to the side.





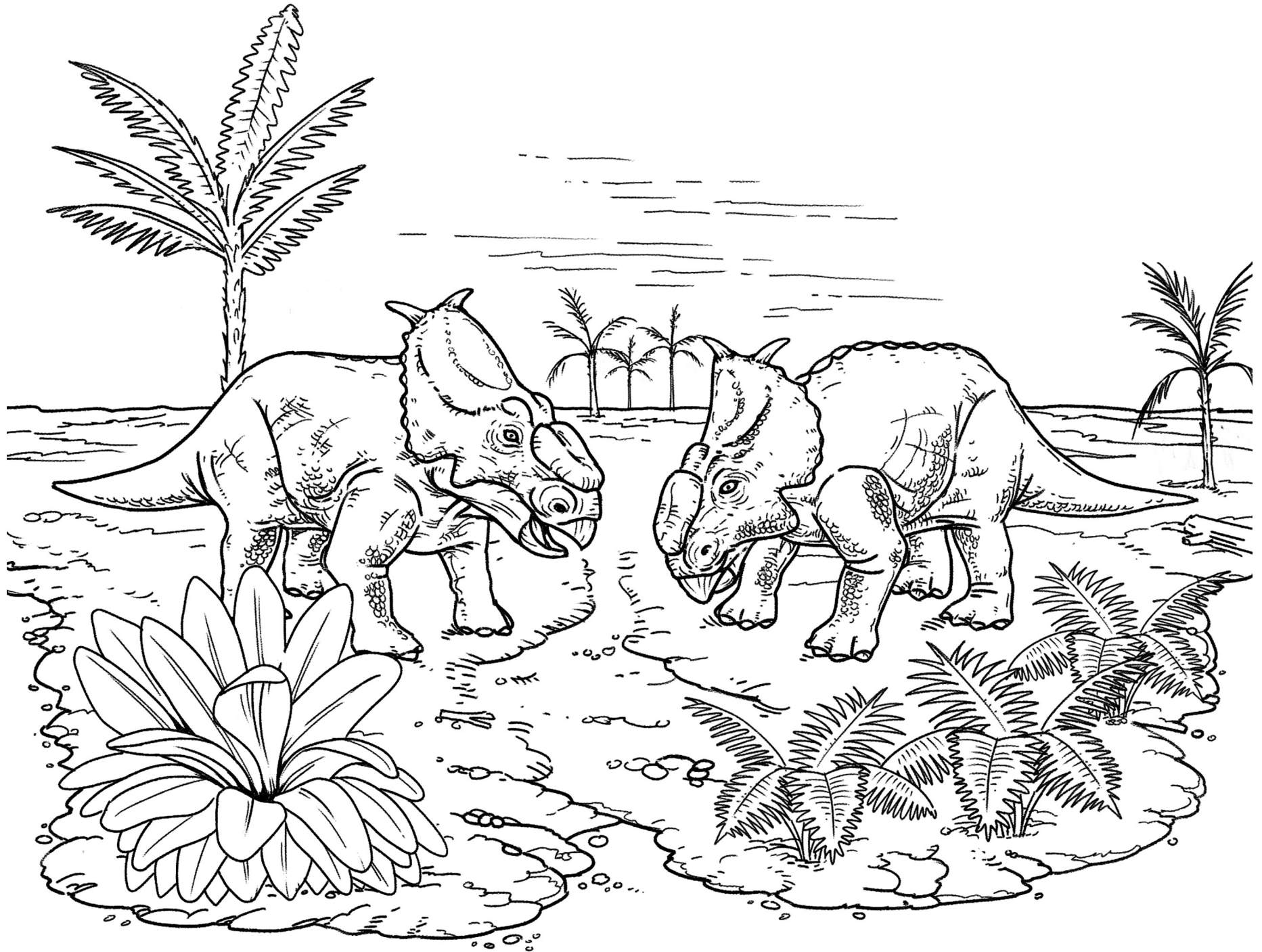
Pachyrhinosaurus Matriarch ponders her worrisome scent-memory image.



Thescelosaurus awaken still carrying their scents of hibernation.



Ornithomimosauruses pranced about as they readied for the day.

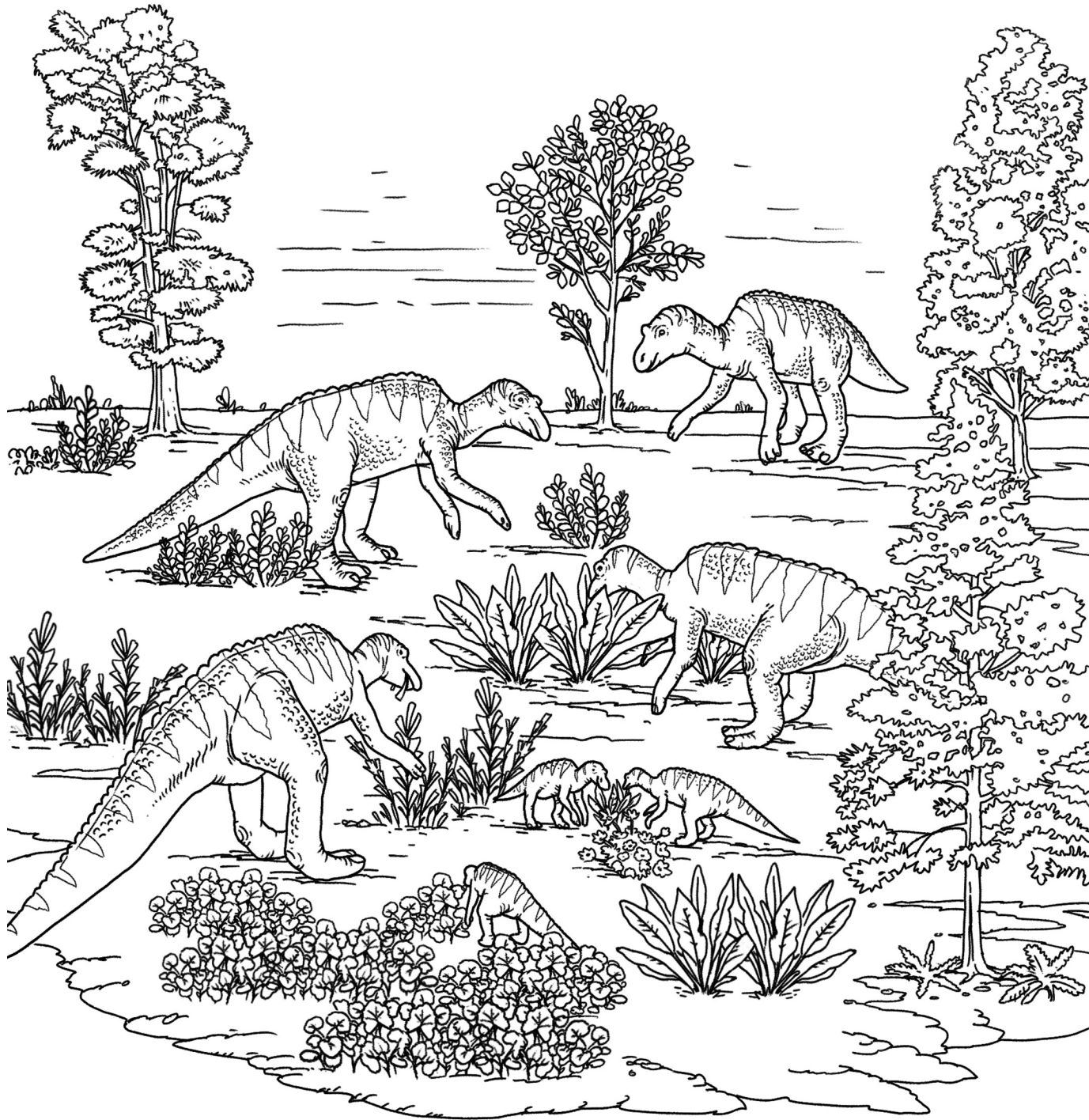


Pakky and Ranny awaken slowly aware of a change in environment.



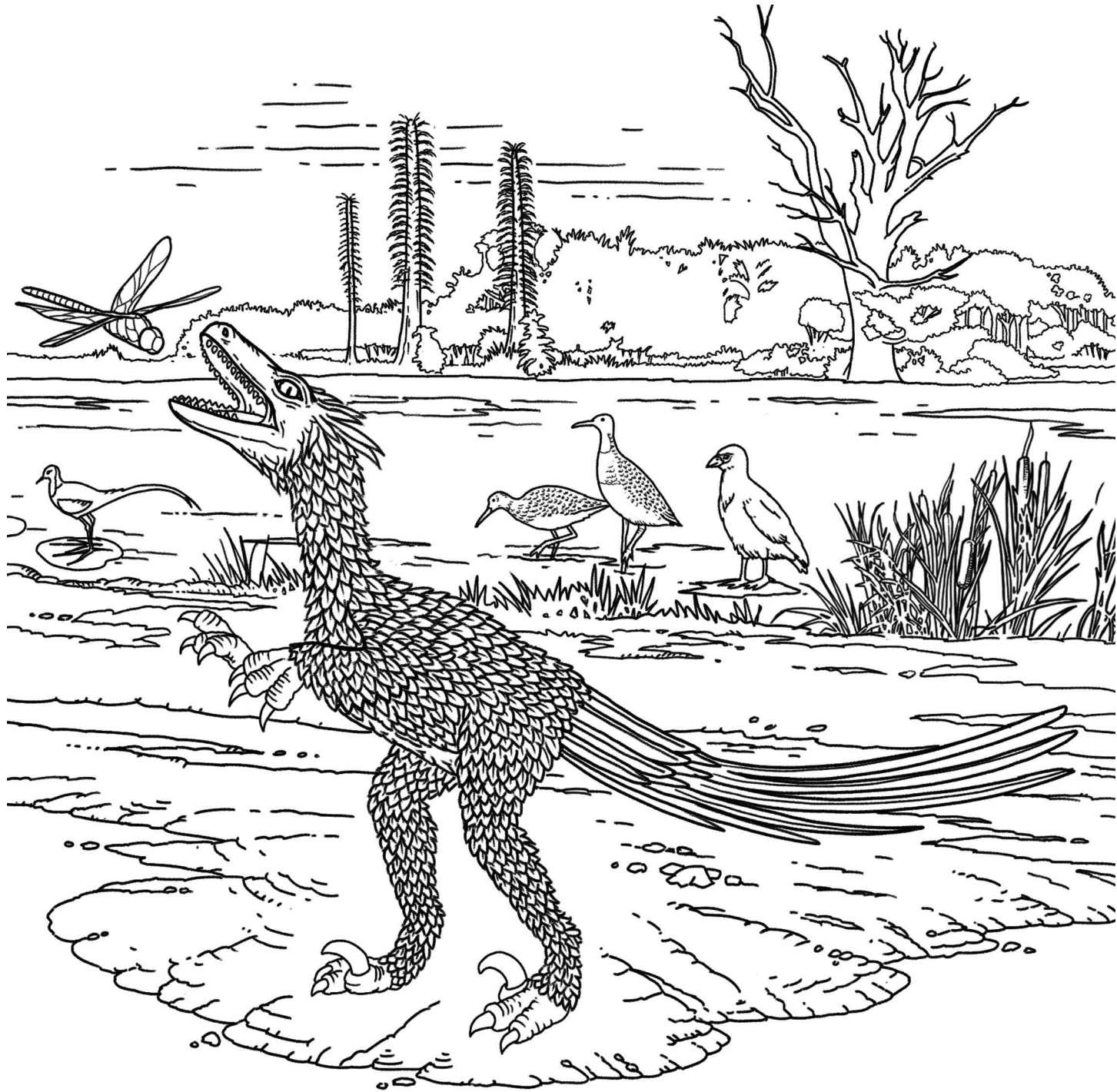
Matriarch's scent-memory image of nanuqsaurus comes together.

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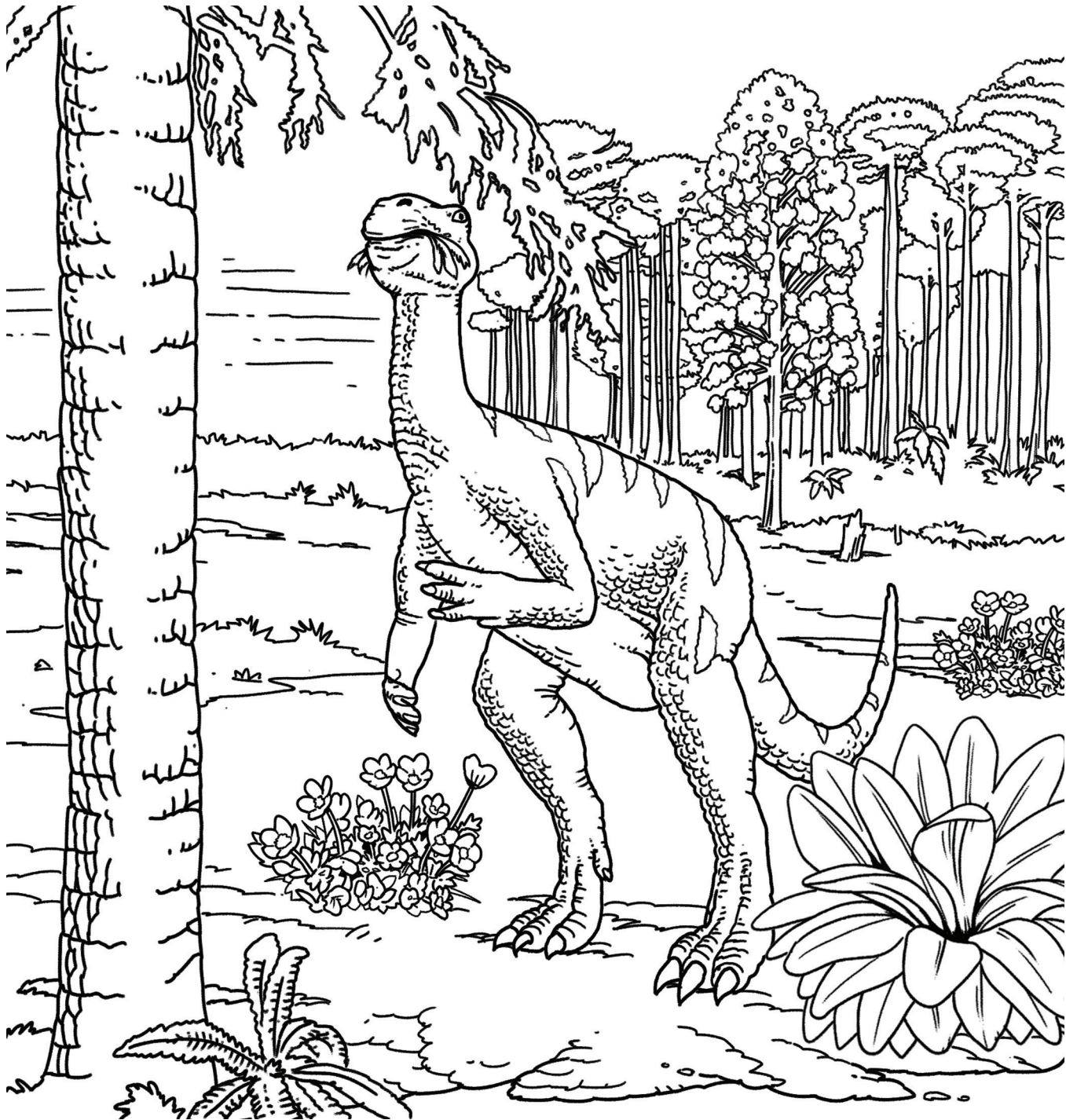


Ugrunaaluk territory buzzes with activity.

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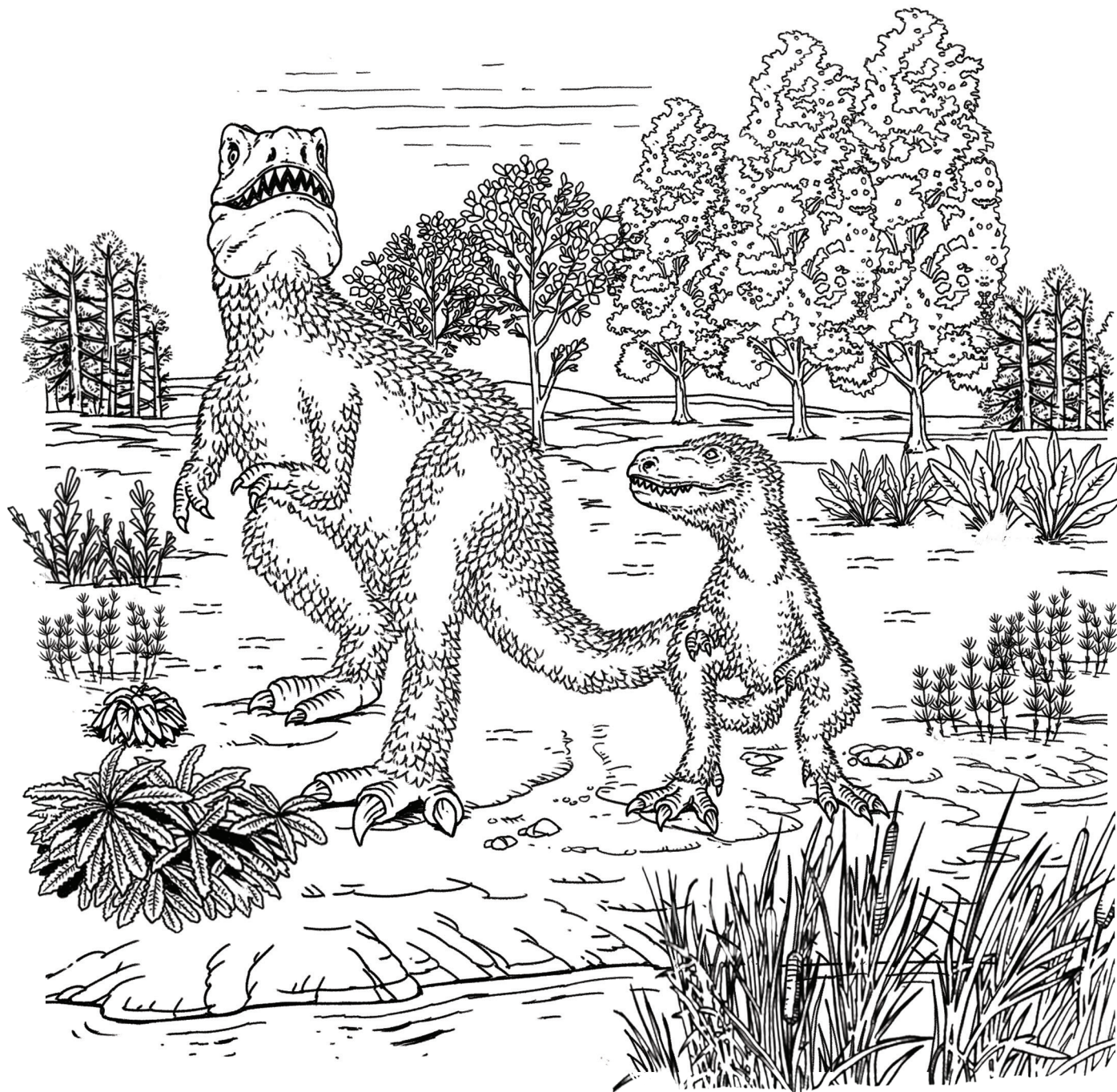
Dromaeosaurus catches dragonfly.



Thescelosaurus grazes displaying puffy cheeks.



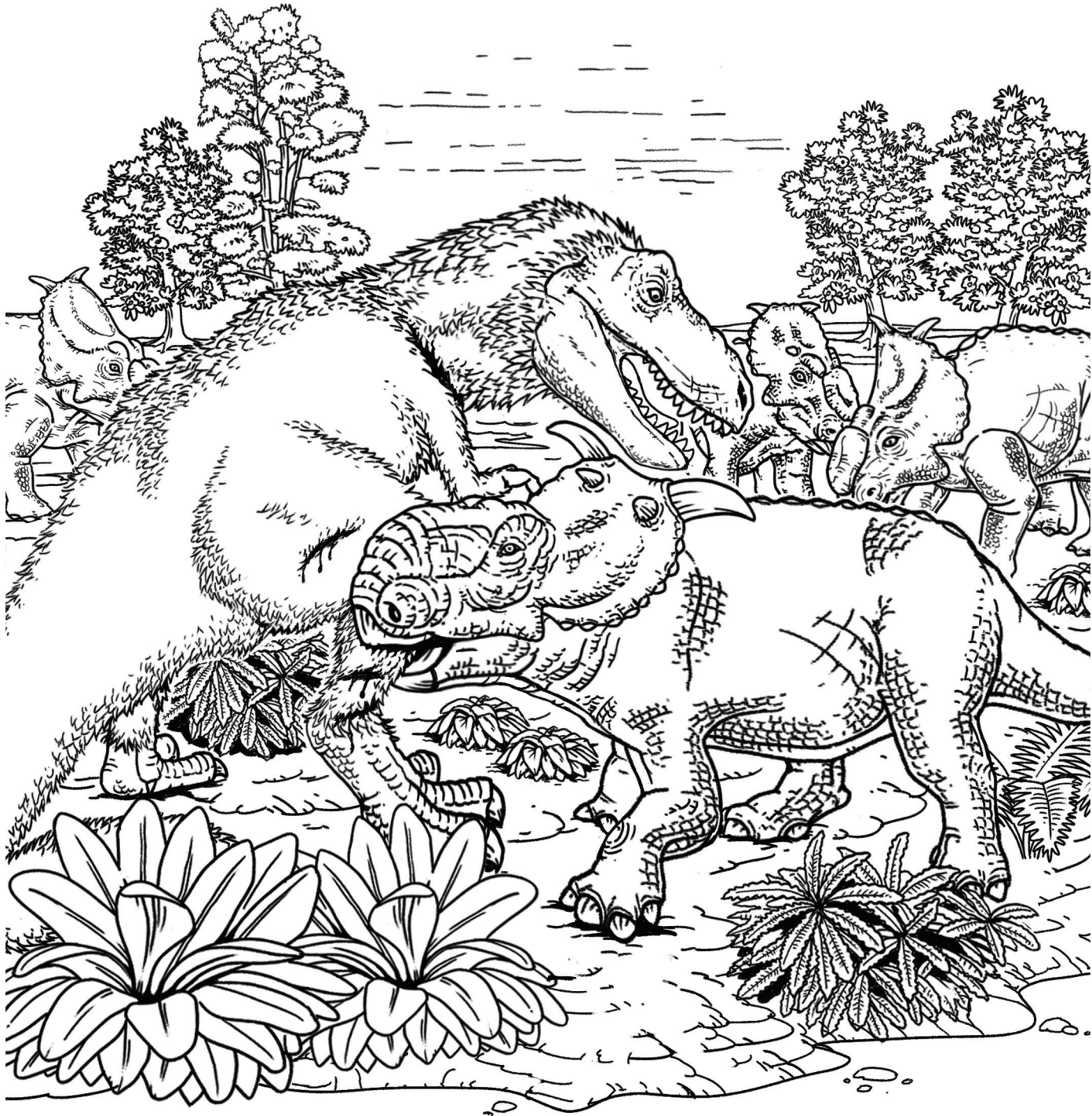
Pachyrhinosaurus form the protective circle.



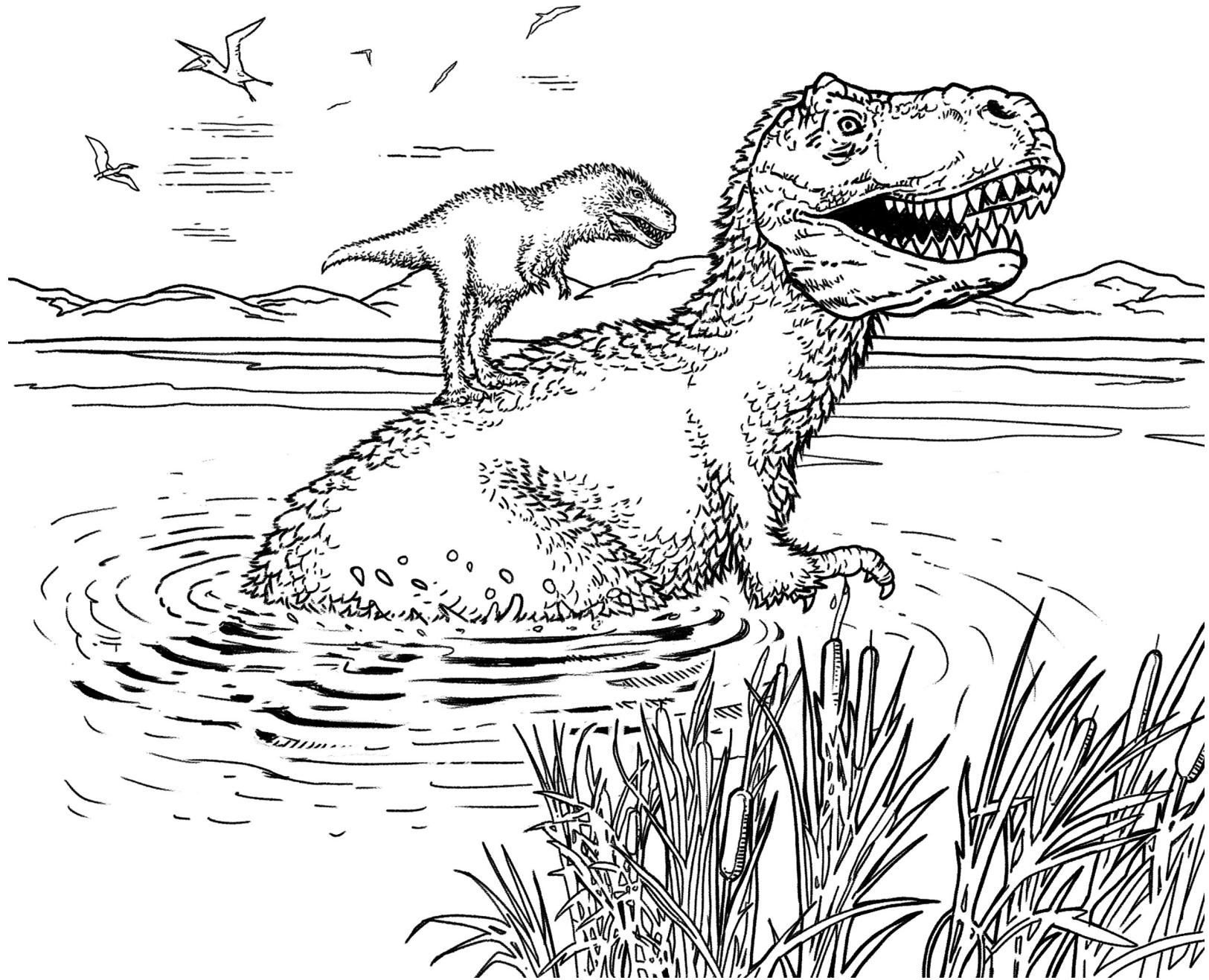
Nanuqsaurus prepares to attack.



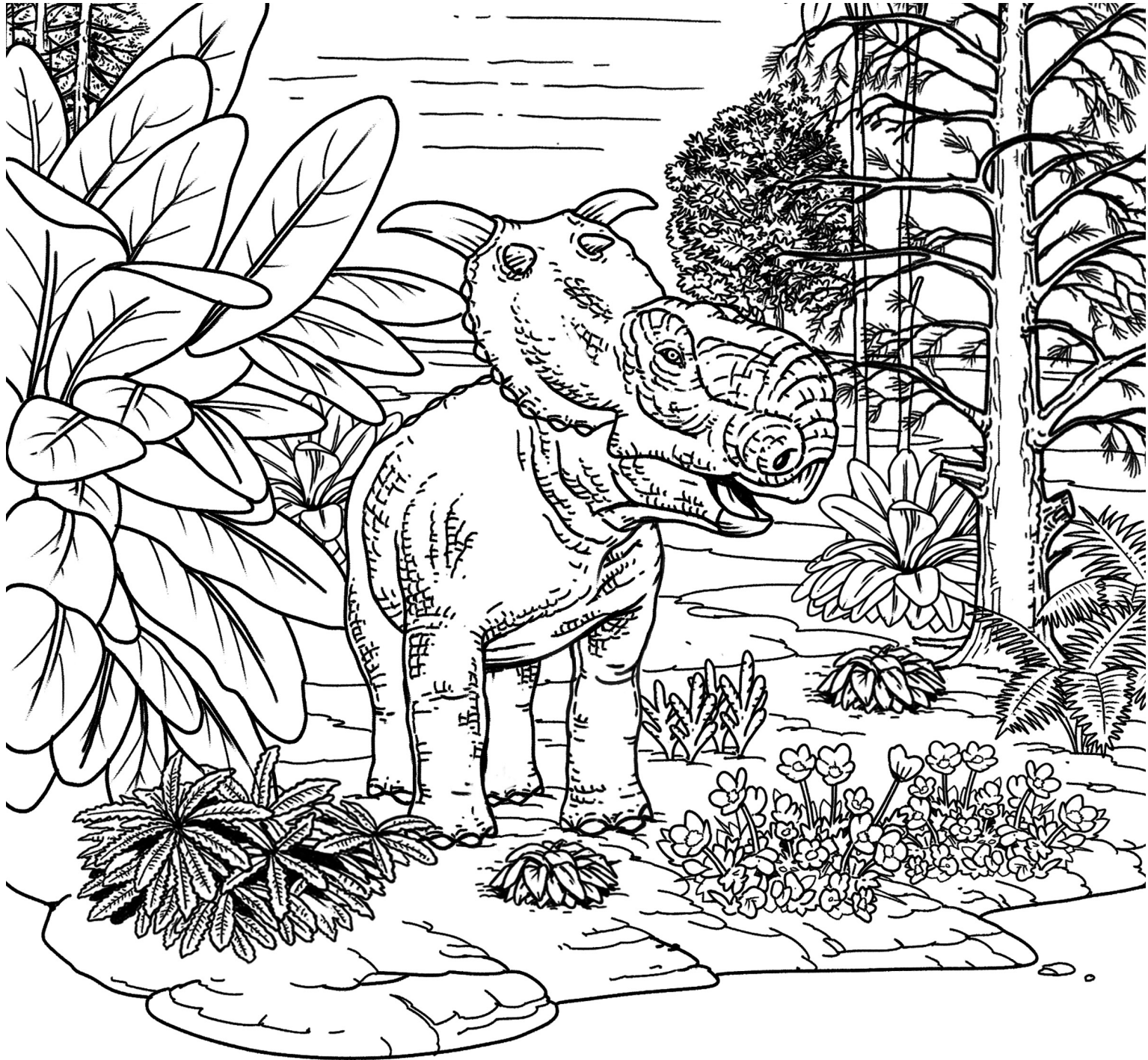
Pterosaurs and shorebirds feeding.



Pachyrhinosaurus attacks nanuqsaurus leg.

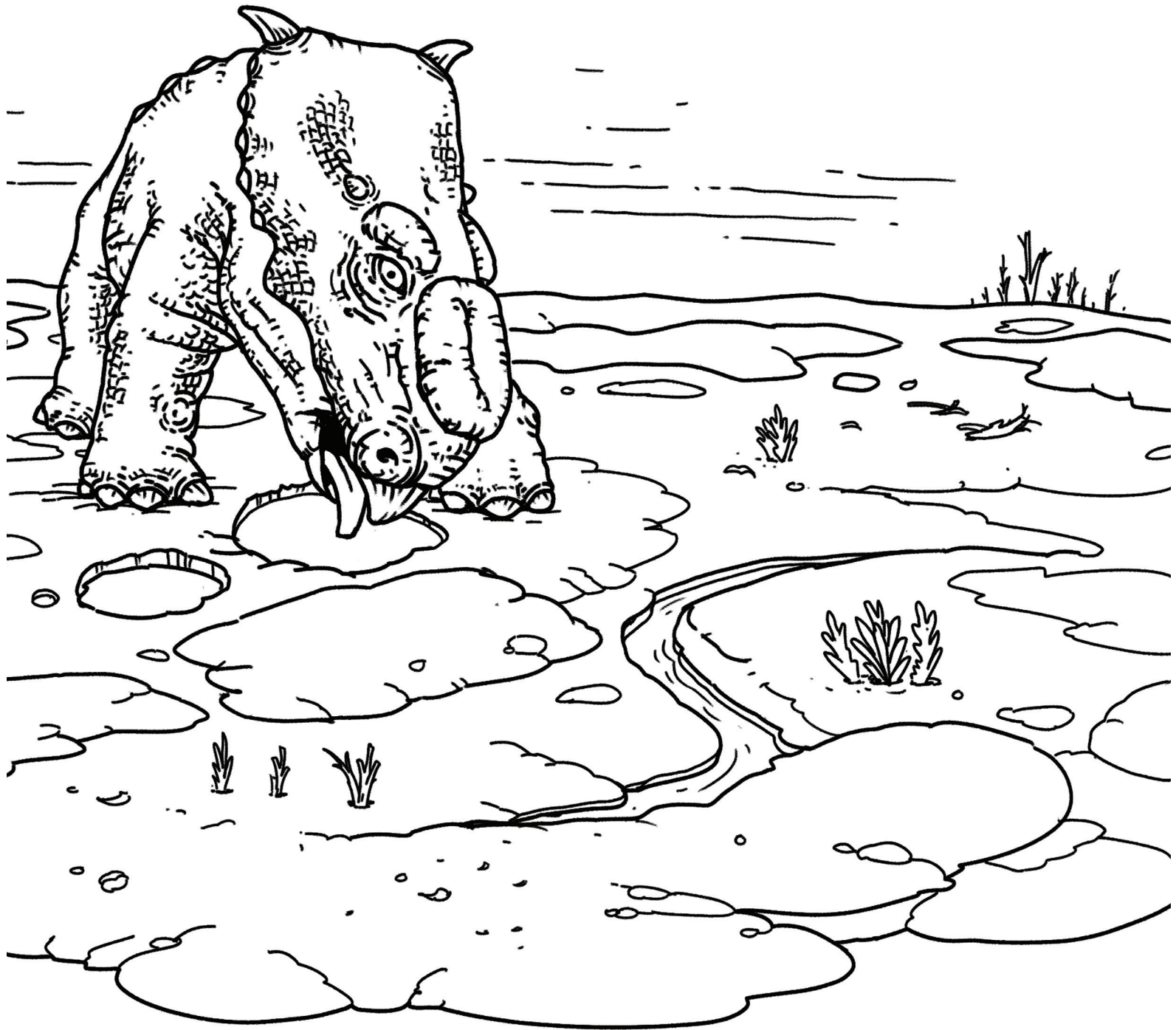


Nanuqsauruses sink in quicksand.

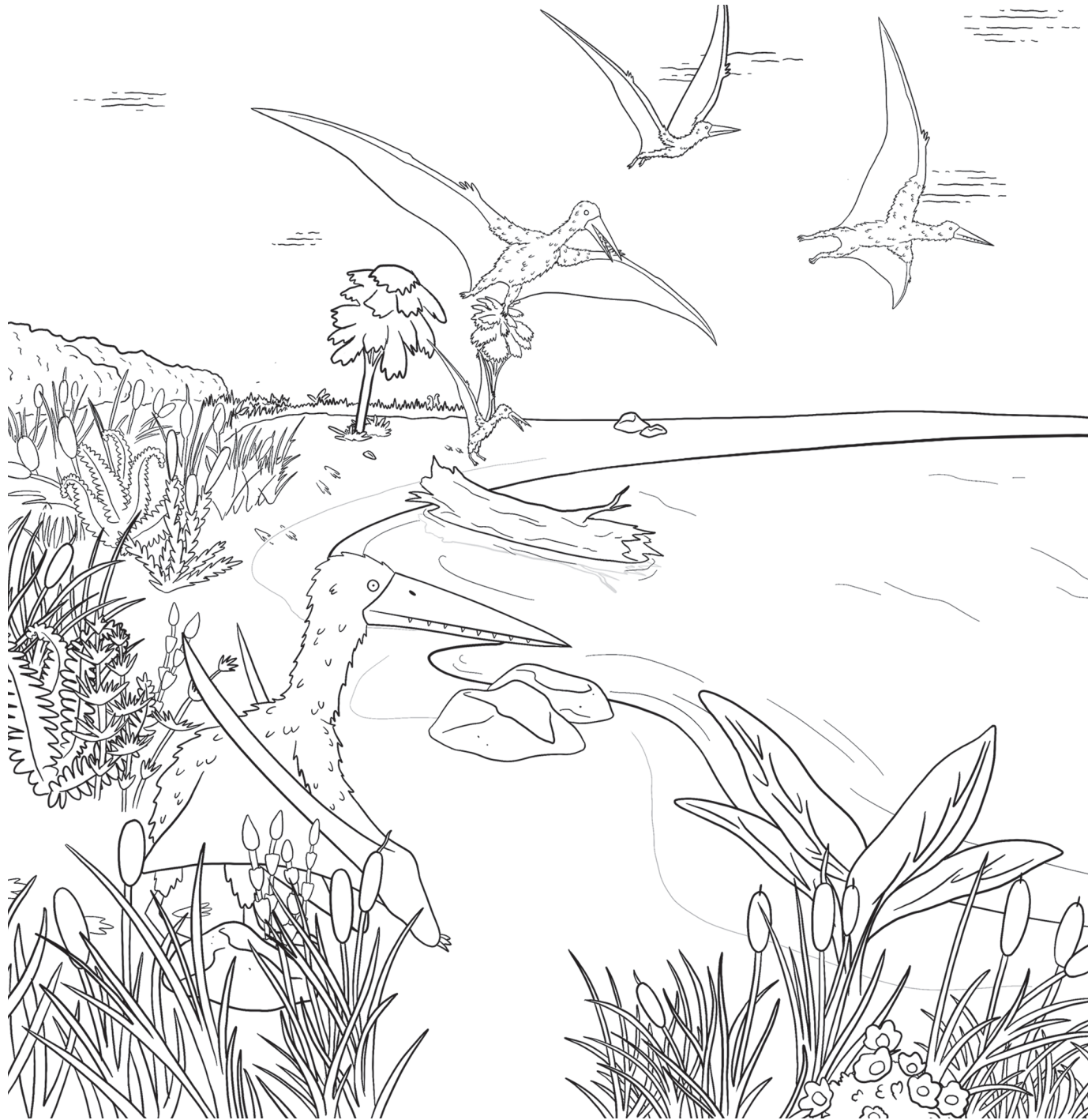


Matriarch recognizes the signal to migrate.

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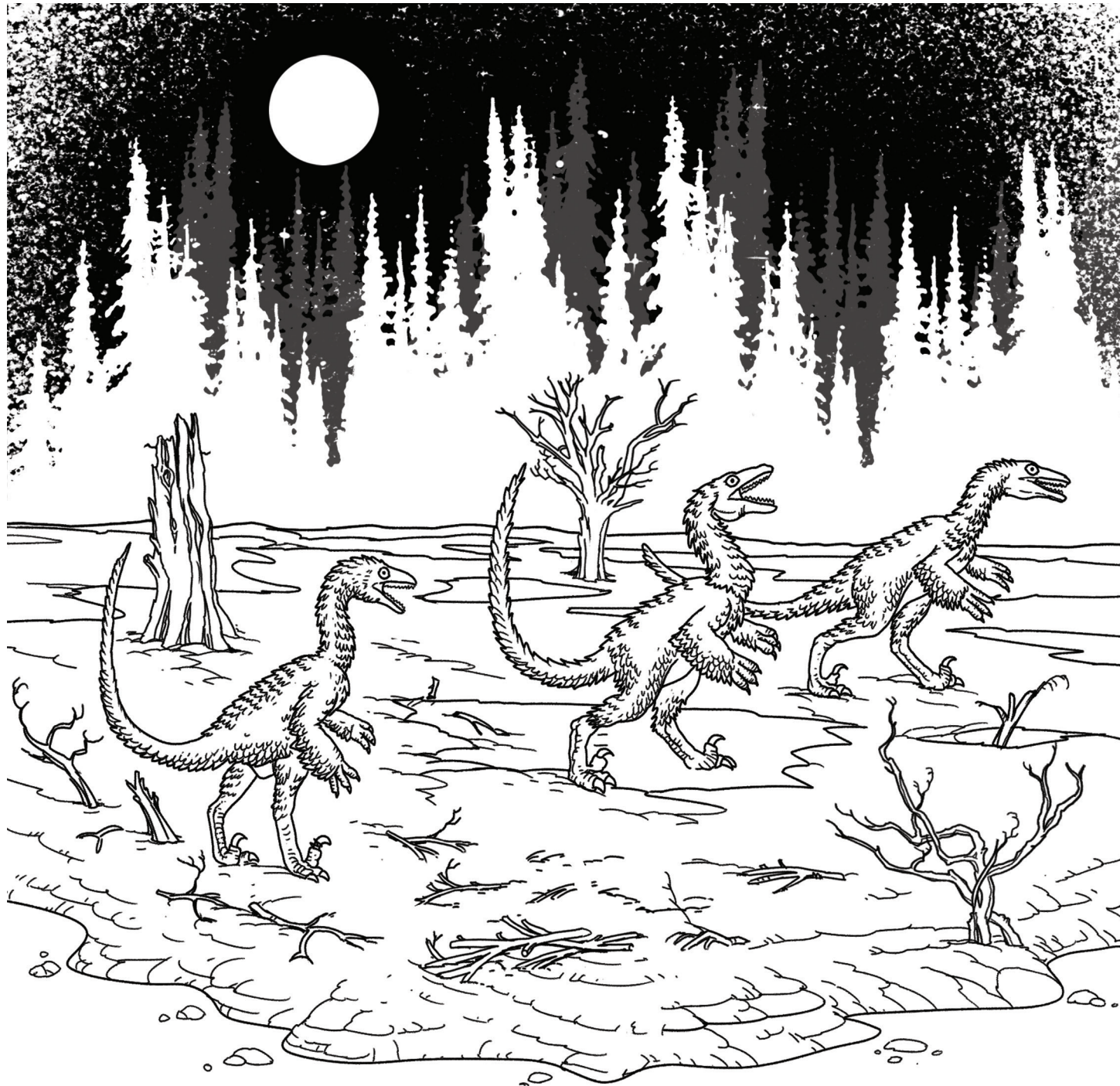
Pakky discovers hard water.



Pterosaurs take flight.



Alaskacephales join migration.



Troodons join migration at dark.



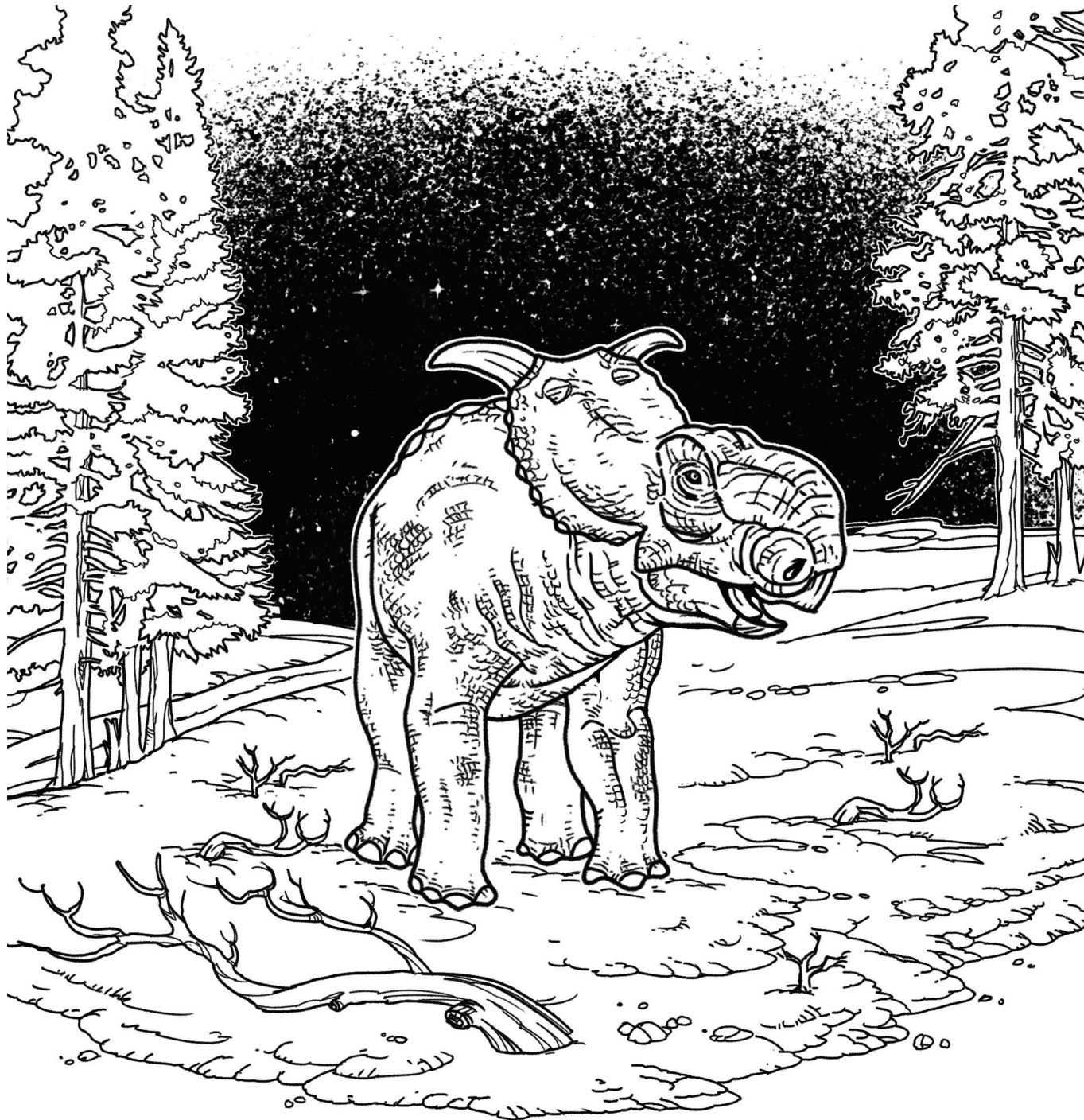
A rockshelter overlooks the pachyrhinosaurus valley.



Pakky taste tests water feathers.



Pakky listens to fighting from the safety of the cave.



Matriarch sees greater responsibility during the constant dark.

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Paky and Ranny eat dried vegetation.



Pakky learns plants can fly.



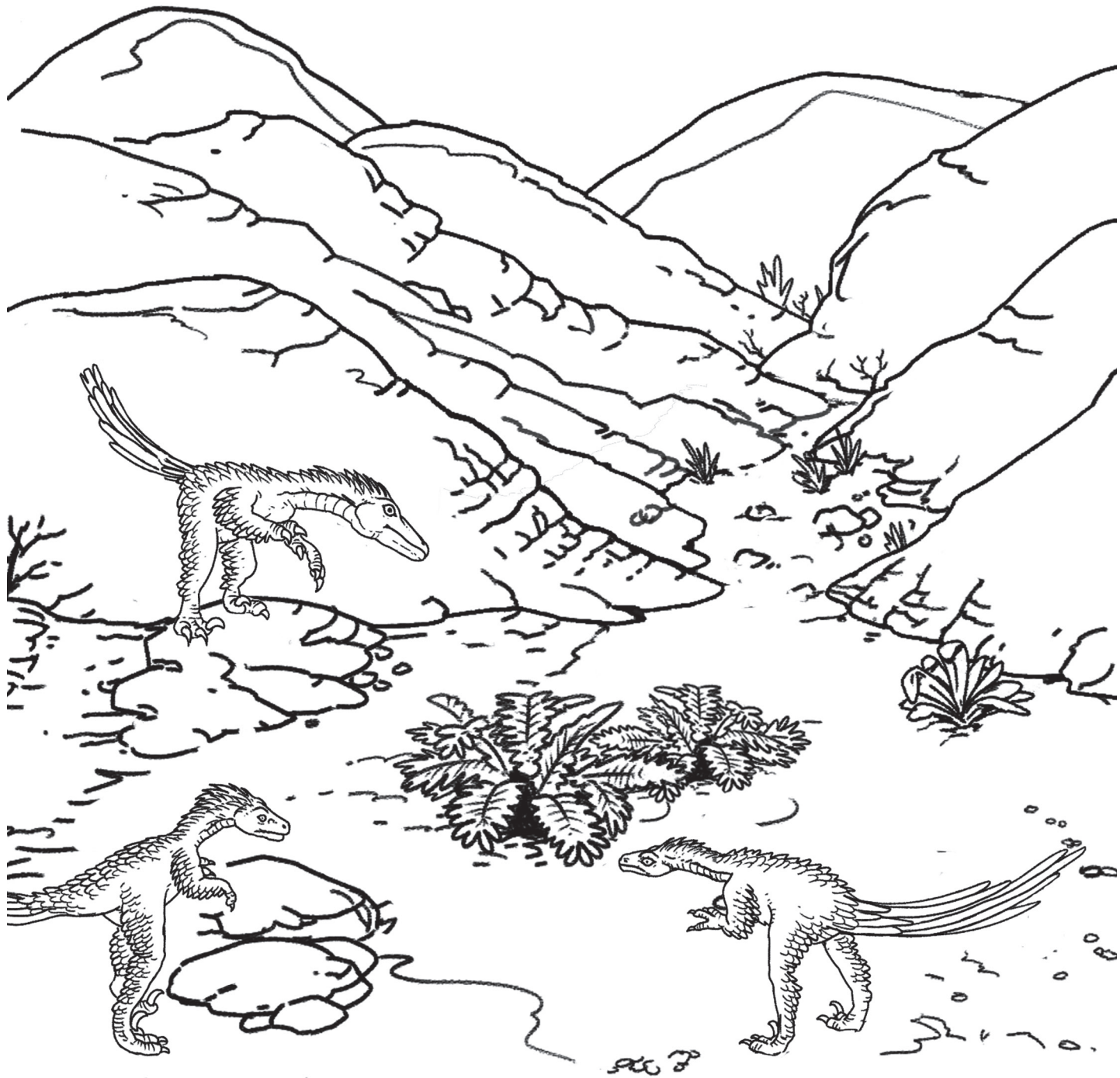
Trilobites catch the scent of hibernating thescelosauruses.



Dromaeosauruses near nanuqsaurus carcass.



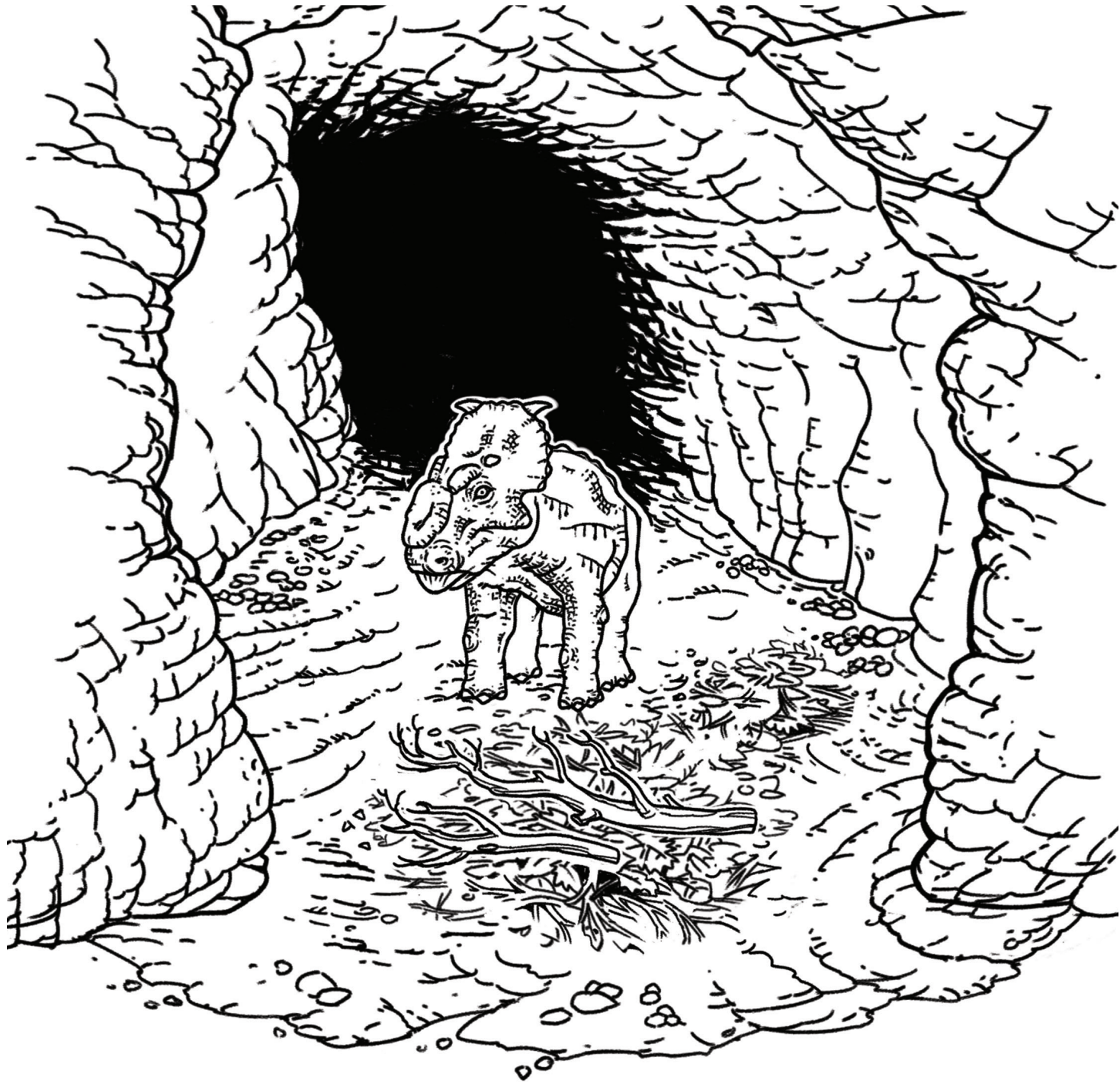
Birds land on nanuqsaurus carcass.



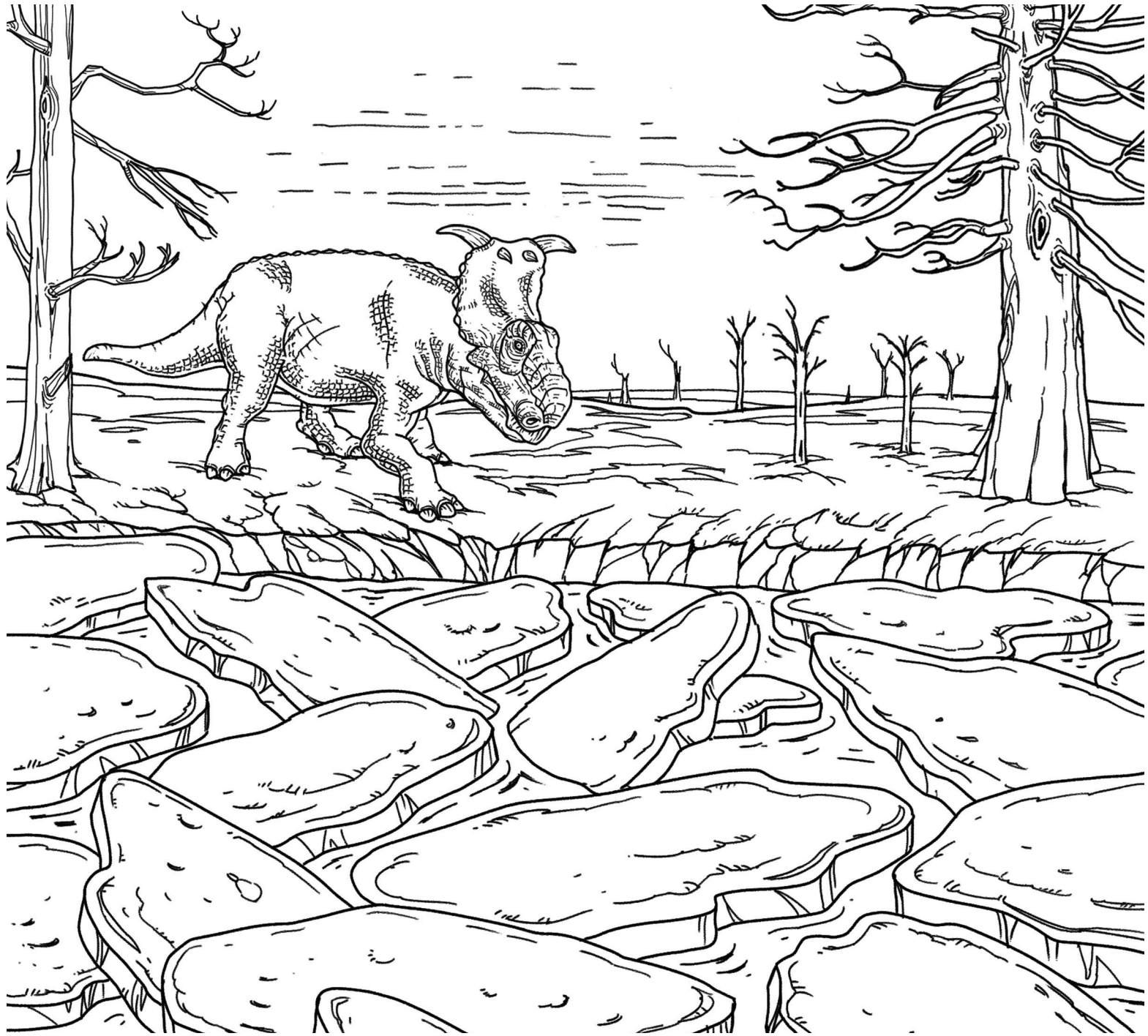
Dromaeosaurus enter the *pachyrhinosaurus* valley.



Dromaeosaurus attack Paky.

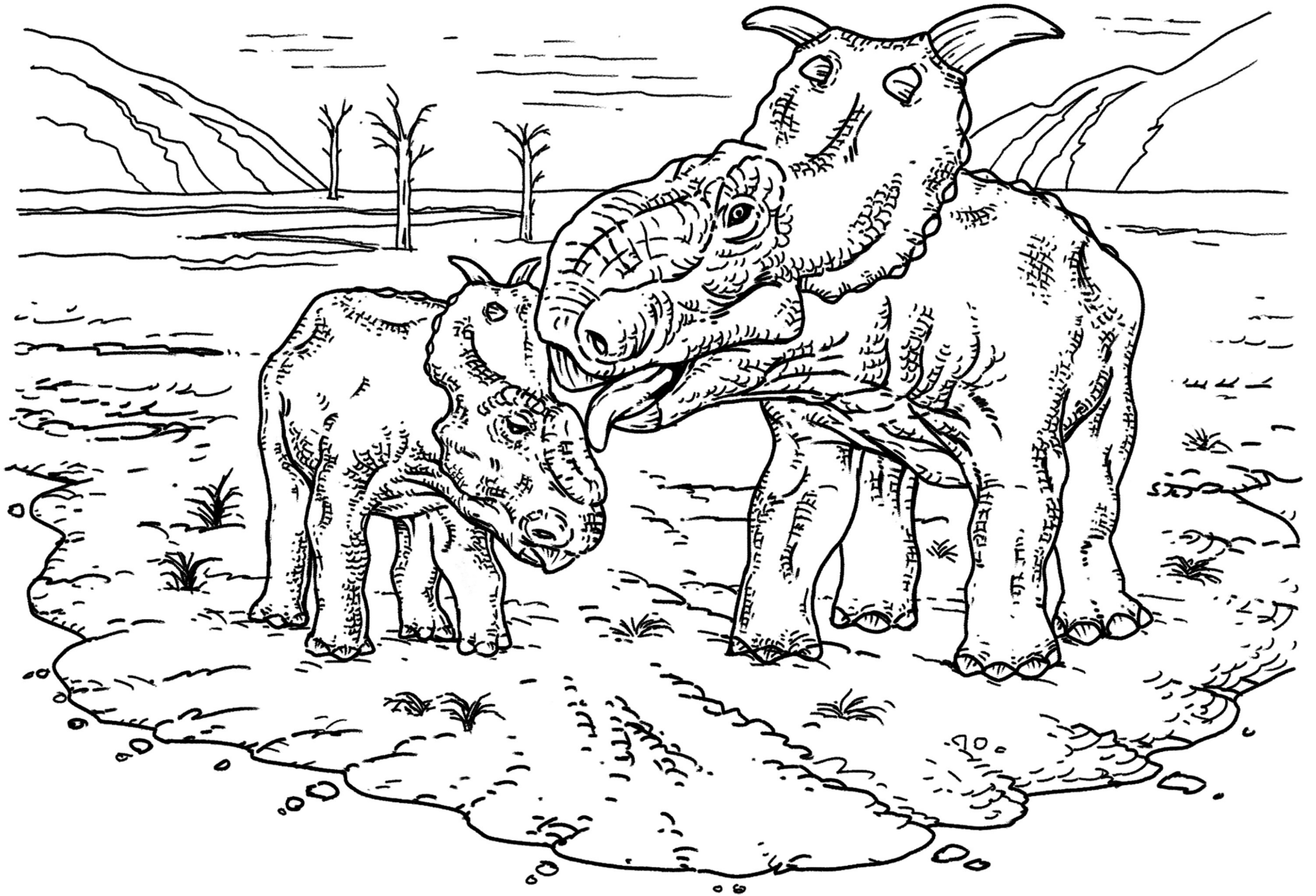


Pakky rests to heal from the aromaeosaurus bites.

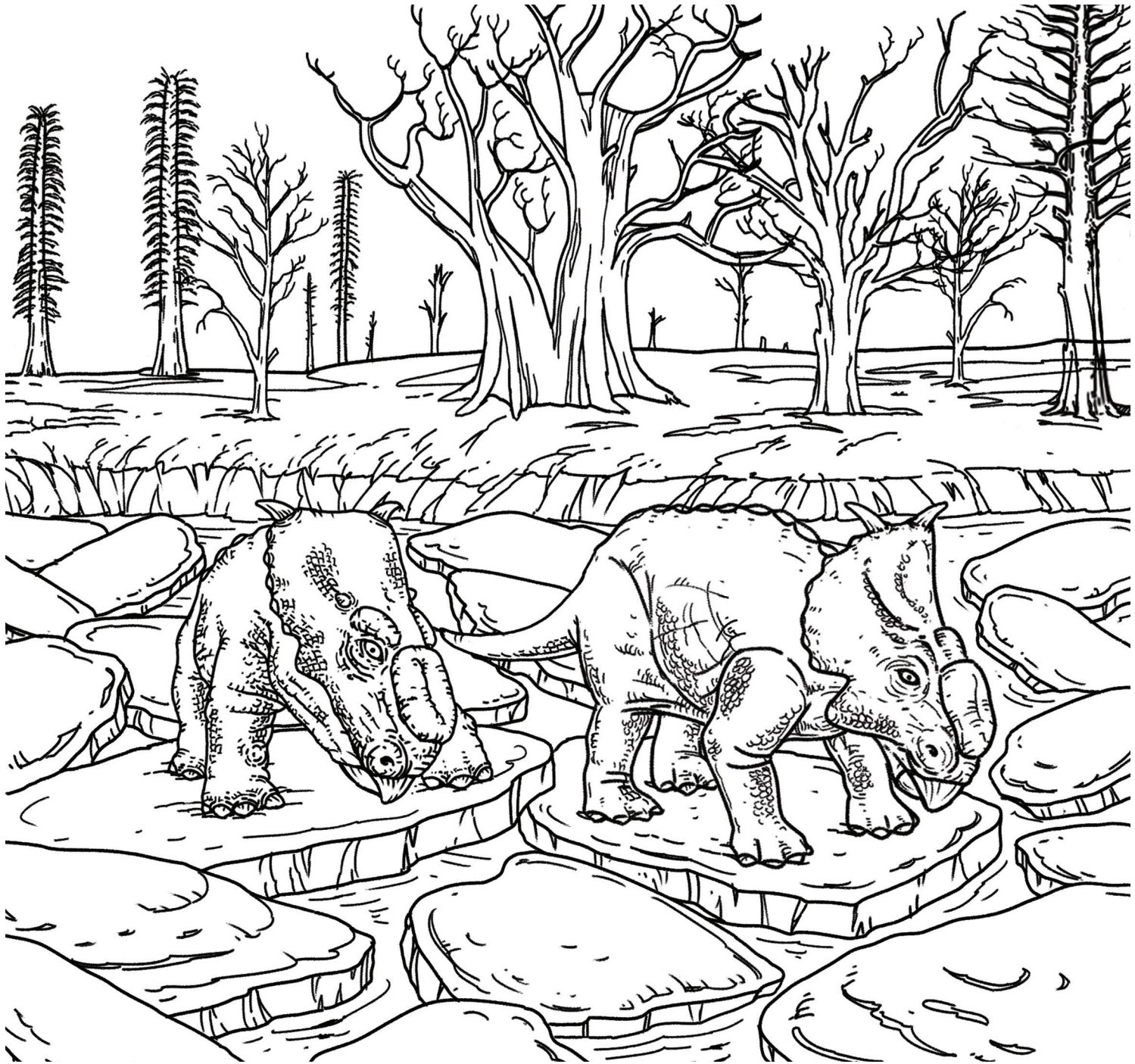


Matriarch calls for return to their territory of light.

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Matriarch tends Pakky's wound.



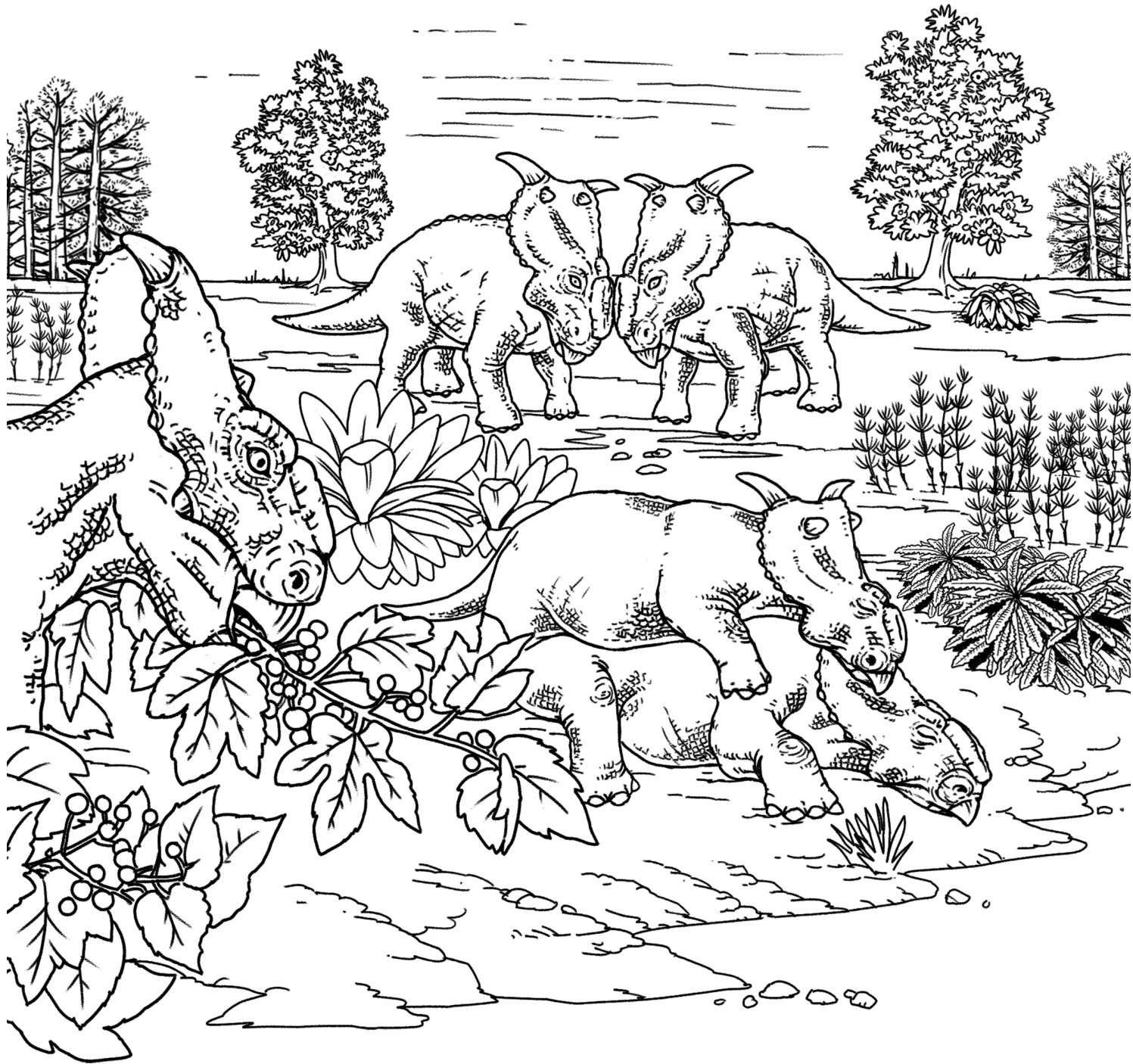
Rammy leads the smallest pachyrhinosaurus through the hard water on the river.



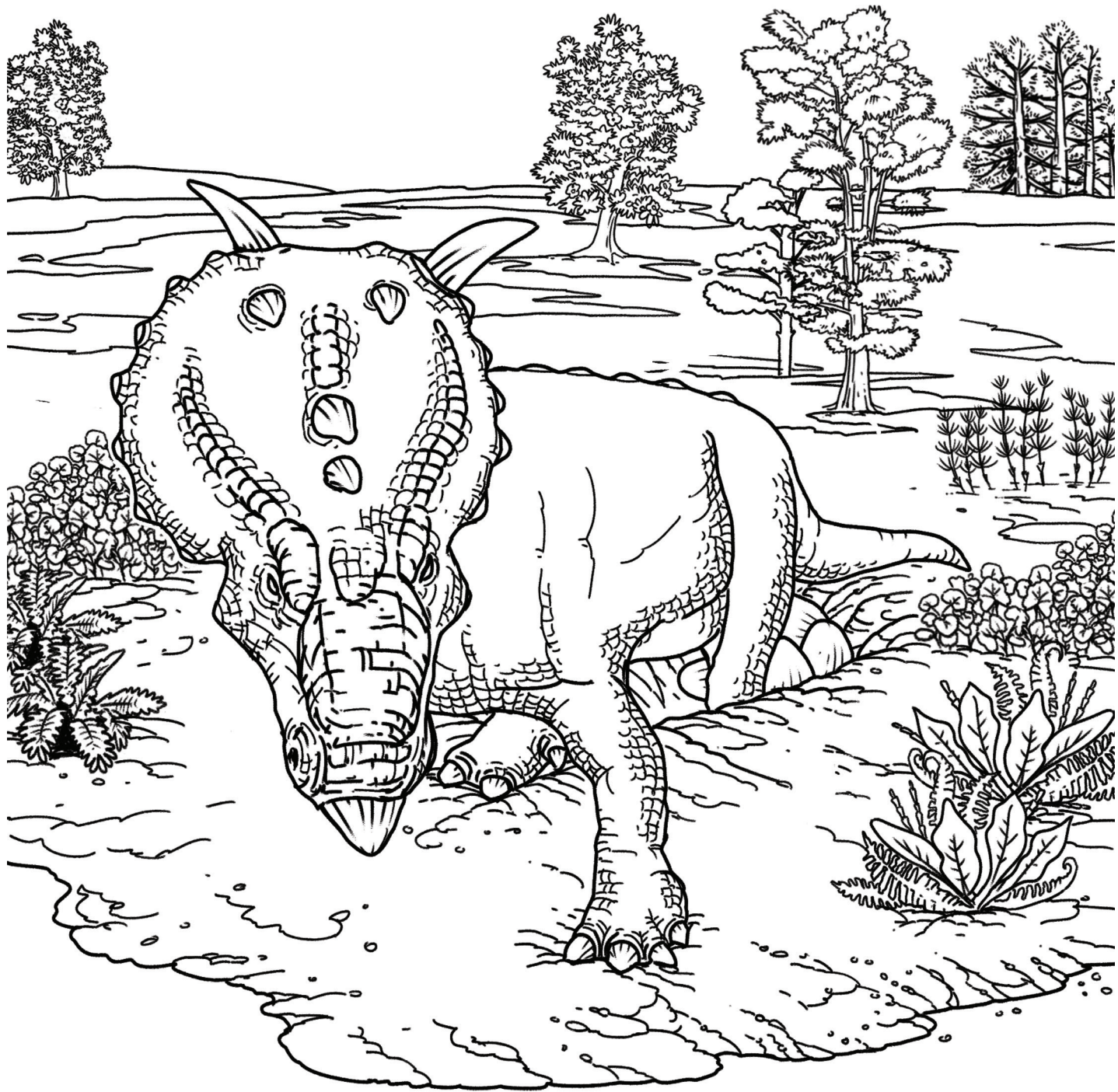
Hard water sweeps Ranny away.



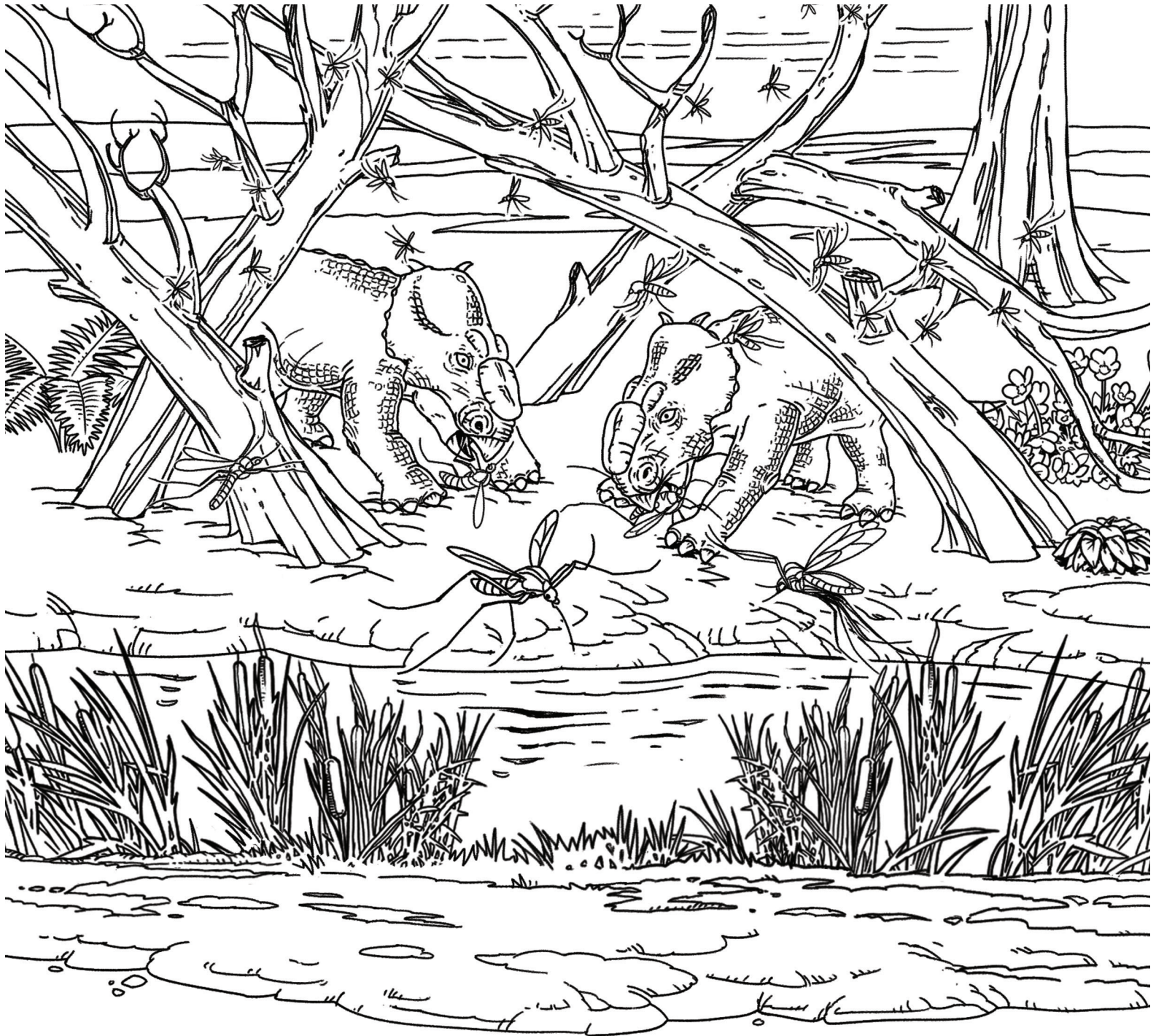
As storm approaches, they seek shelter under a fallen tree.



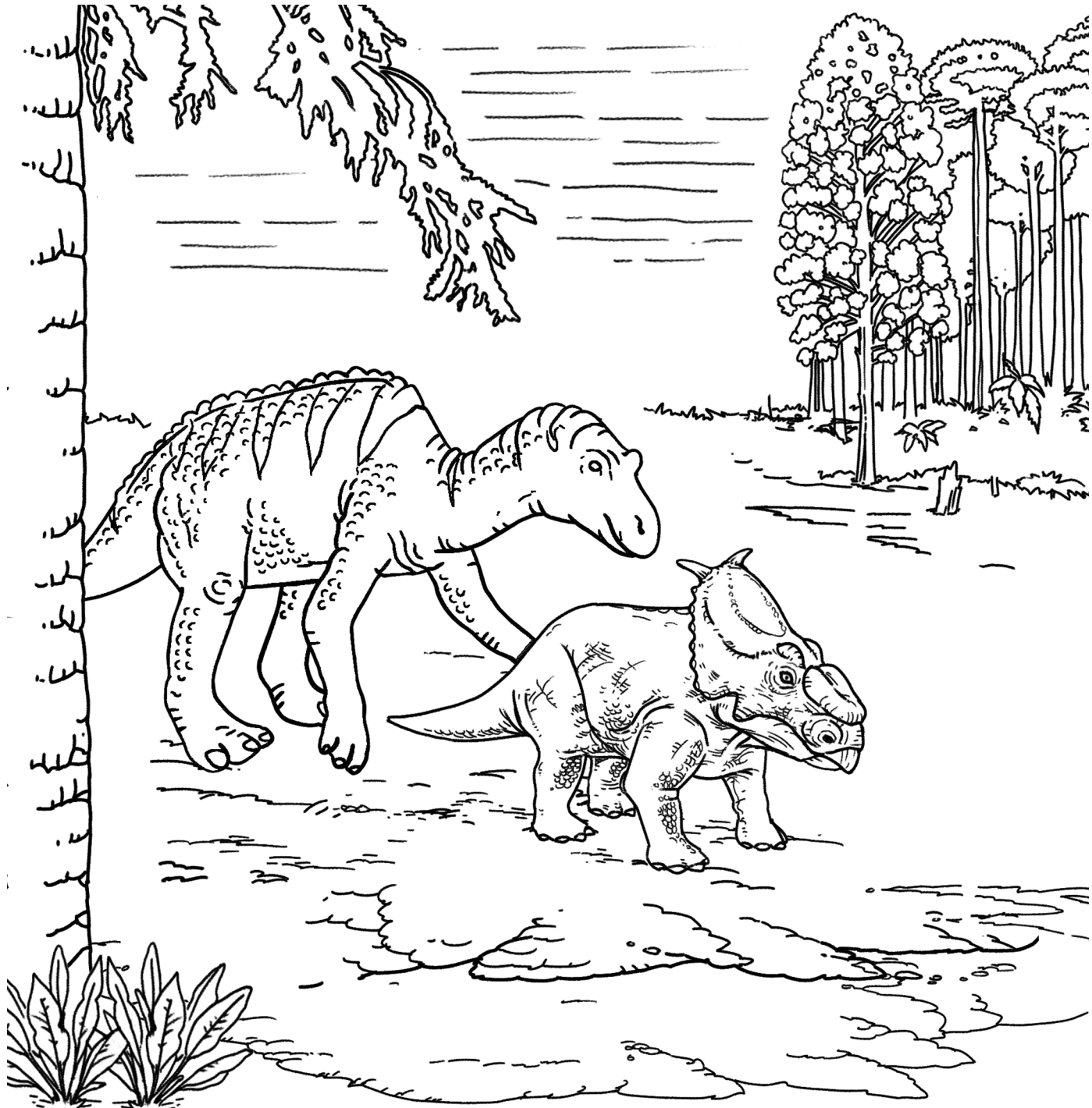
Pakky observes adults behaving strangely.



Matriarch lays a clutch of eggs beginning a new generation of life.



Hatchlings learn to eat bugs.



Ranny and ugrunaaluk matriarch return.

Crossword Puzzles

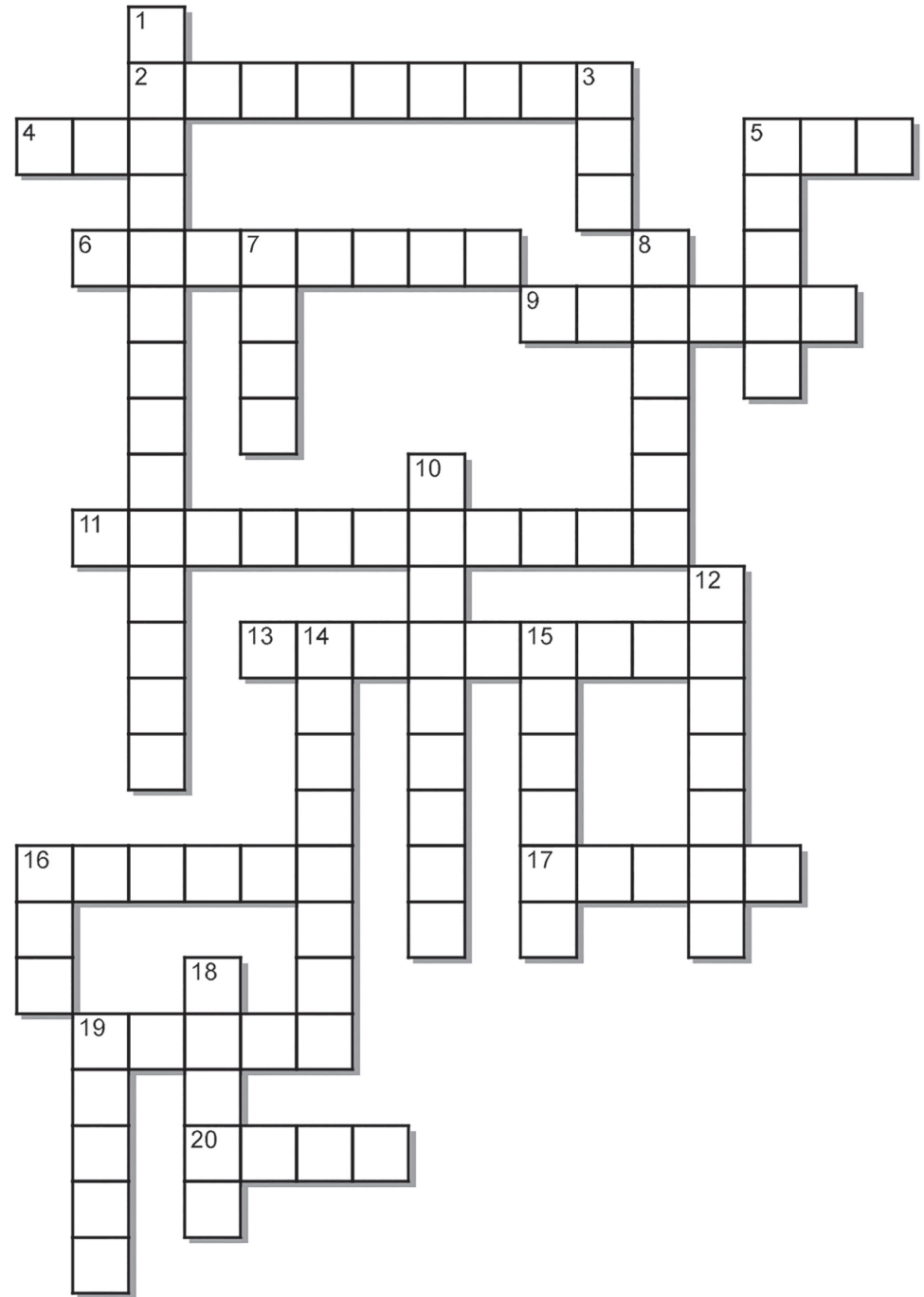
Crossword #1

Across

- 2 One way to survive the Arctic cold.
- 4 It clogged rivers in winter.
- 5 What pterosaurs did that Arctic dinosaurs couldn't do.
- 6 The type of earth environment referred to as ____ earth began 2.58 million years ago.
- 9 Pachyrhinosaurus in the story use what geometric shape for defense?
- 11 Dinosaur that strayed into the community looking for flesh to feed her daughter and herself.
- 13 These creatures could do something Arctic dinosaurs couldn't do.
- 16 What thescelosaurus cheeks did when they ate?
- 17 Fallen ____ protected hatchlings from predators flying overhead.
- 19 A large number of these animals together might be able to stand up against larger dinosaurs.
- 20 The sound organ we have both internally and externally that dinosaurs only had internally.

Down

- 1 The only Arctic dinosaur scientists think may have hibernated.
- 3 This held a dinosaur until it was ready for the world.
- 5 Headgear for pachyrhinosaurus.
- 7 Paky thought of ice as ____ water.
- 8 Name of mountain range where dinosaurs in the story migrated to avoid winter's wind.
- 10 The name of the pachyrhinosaurus leader.
- 12 Quicksand ____ the nanuqsaurus and her daughter, saving the community.
- 14 These dinosaurs may have done well at night and in winter with their large eyes.
- 15 Memory triggers.
- 16 A butting tool on the face of a pachyrhinosaurus.
- 18 What plant element Paky thought moved to the aurora in winter.
- 19 The location of the sun ____ the horizon causes dark in the Arctic.



Crossword Puzzles

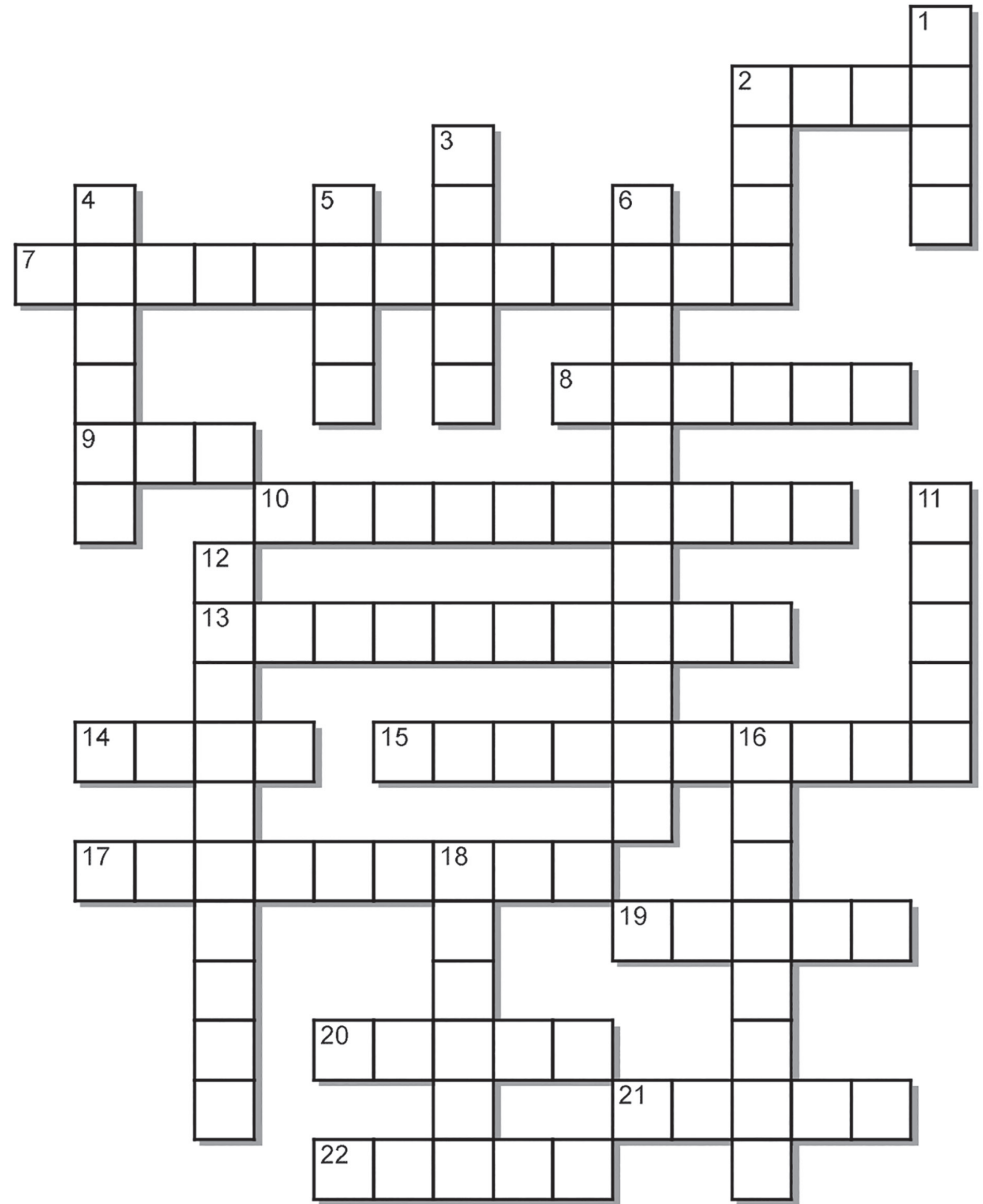
Crossword #2

Across

- 2 Where did Pakky have to rest after being injured by dromaeosaurs?
- 7 Dinosaur known as "head banger."
- 8 City with climate most similar to what the Arctic Dinosaurs experienced.
- 9 How many times in the story did pachyrhinosauruses have to cross the river to return to their territory of light?
- 10 When Matriarch prevented Pakky from going with her as usual in the story, how did Pakky feel?
- 13 The earth environment during which the dinosaurs lived.
- 14 How many dromaeosauruses attacked Pakky in the winter valley?
- 15 As soon as the newly hatched pachyrhinosauruses reached their territory in the story, they began to learn to eat what insects?
- 17 An insect that Arctic dinosaurs saw that we can still see in quantity and various colors in Alaska today.
- 19 The relation of sun to Alaska's horizon in summer is ____ the horizon, making living things sleep in daylight.
- 20 This protected the tender neck of pachyrhinosauruses when the nanuqsaurus in story tried to bite one behind the head.
- 21 It was ____ who accompanied the injured ugrunaaluks leader back home
- 22 ____ is not a character in Arctic Dinosaurs of Alaska, but it's responsible for where they live and when they do what they do.

Down

- 1 In the story, alaskacephales were so hungry they tried eating ____, but it didn't make them feel good.
- 2 Pakky was astonished to see thescelosauruses disappear into a ____.
- 3 Pakky started to understand life cycles when she saw this color peeking from plants in their grazing ground.
- 4 Food for featherless Arctic dinosaurs.
- 5 What the pterosaur bodies were covered with.
- 6 At the entrance to the pachyrhinosaur valley, who killed some of the pachyrhinosaur guards?
- 11 When the sky was free of clouds in the time of dark, the dinosaurs could count on light from ____.
- 12 Dinosaur known as "ancient grazer."
- 16 These dinosaurs feasted off hibernating thescelosauruses.
- 18 Pakky thought plants had this skill that dinosaurs lacked when she saw the wind transport a tangle of plants through the air.



Crossword Puzzles

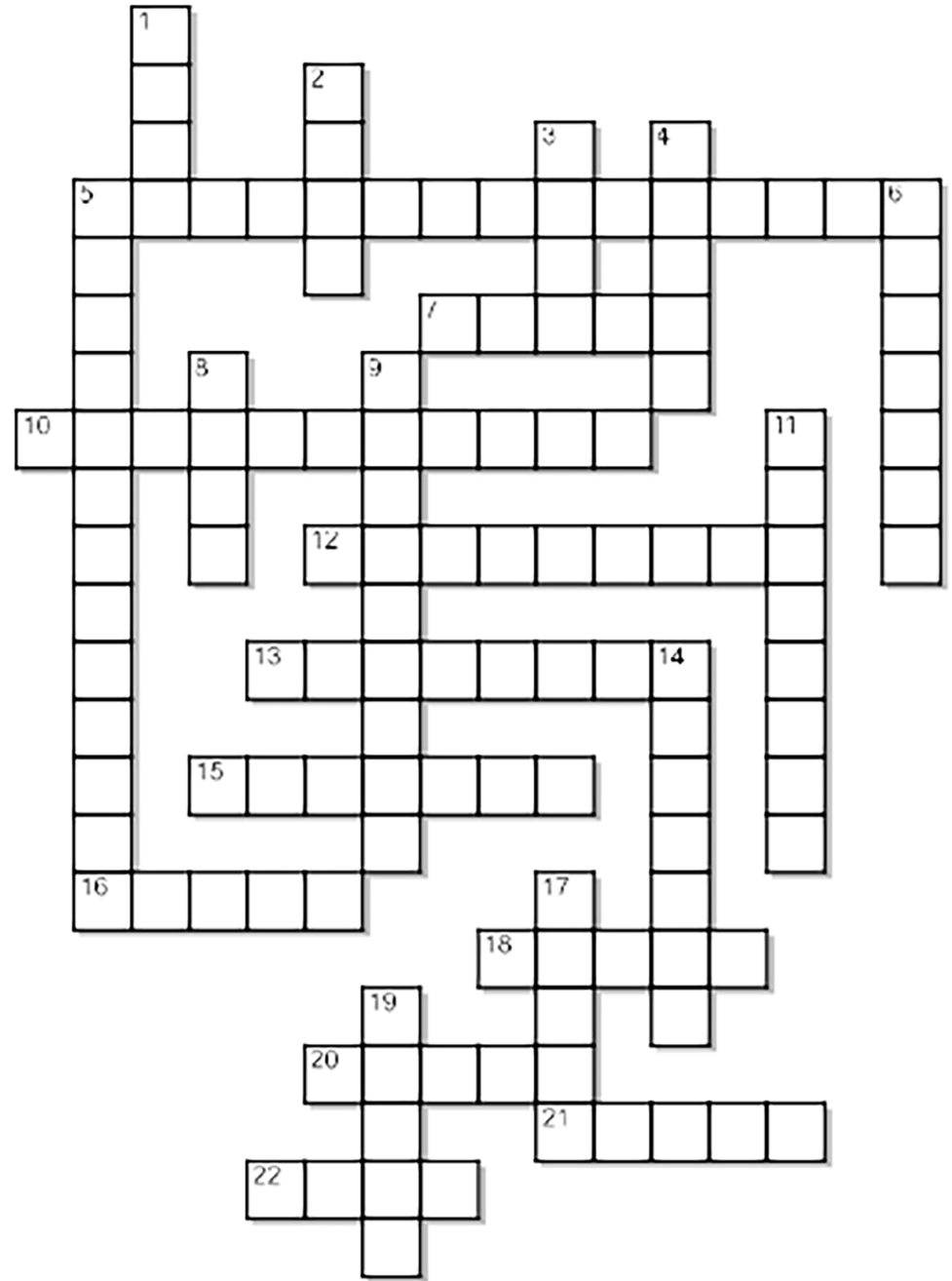
Crossword #3

Across

- 5 After the troodonts in the story, the __ discovered the nanuqsaurus carcass.
- 7 When they returned to their territory of light, Paky learned that she no longer fit under the __ where she used to sleep. She found that was protection for new hatchlings to keep them safe from flying predators.
- 10 T-rex of Alaska.
- 12 Paky learned that some friends, such as dromaeosauruses, could in some circumstances become unfriendly. She learned that dromaeosauruses are what?
- 13 When snow began to fall, Paky's memory image considered the flakes as water __.
- 15 Robert _____ found the first fossils of the Prince Creek Formation group of Arctic dinosaurs.
- 16 The sense that was heavily relied on by dinosaurs was the sense of _____.
- 18 Dinosaurs in story found fruit on _____ in grazing area.
- 20 The sun in Alaska shines overhead in summer afternoons. True or False?
- 21 In crossing the broken hard water, the juvenile that helped the runt was _____.
- 22 The walls of tall hills in the pachyrhinosaurus winter place protected these dinosaurs from cold winter _____.

Down

- 1 What Paky felt when the earthquake hit.
- 2 Paky used her strong _____ to rip off tough leaves or bark to eat.
- 3 Pterosaurs in the story could fish in the local _____.
- 4 A plant we associate with grazing, _____, didn't evolve until 55 million years ago, long after dinosaur extinction.
- 5 Dinosaur known as "running lizard."
- 6 Arctic dinosaurs of Alaska lived _____ million years ago.
- 8 These creatures provided plant-eating dinosaurs food while they waited for plants to green up.
- 9 Who looked after the ugrunaaluk after their leader was swept away in the breaking up of the ice?
- 11 What helped pachyrhinosauruses protective circle in the story hold together when nanuqsaurus threatened?
- 14 As the dinosaurs headed back to their territory of light, how did they look?
- 17 In the story, the dinosaurs follow the __ to the mountains.
- 19 In the story, he went from a timid juvenile to a hero.

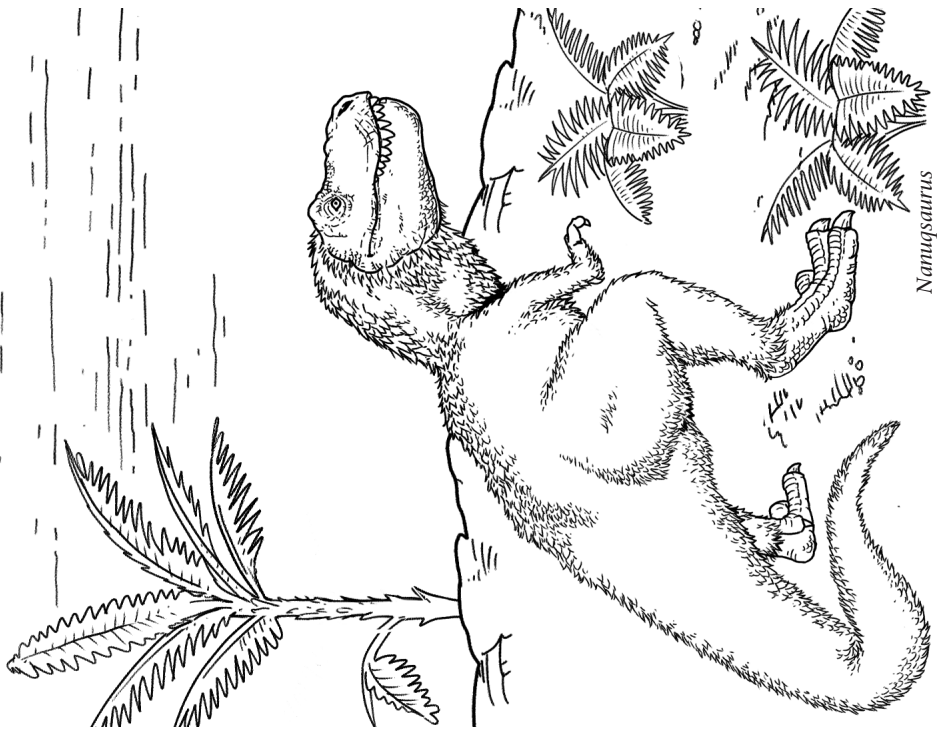


Words in a Word

See how many words you can build from each dinosaur name. Create as many words as you can before checking the lists at fathompublishing.com/solutions.

Alaskacephale
Dromaeosaurus
Nanuqsaurus
Ornithomimosaurus

Pachyrhinosaurus
Thescelosaurus
Troodon
Ugrunaaluk



Nanuqsaurus



Thecosaurus



Pachyrhinosaurus

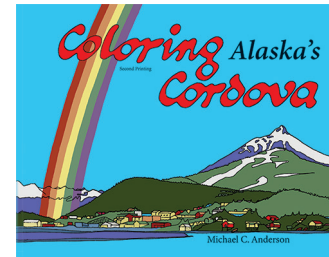
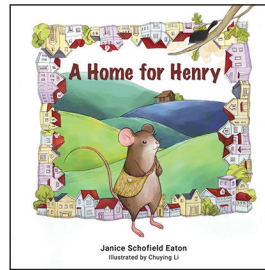
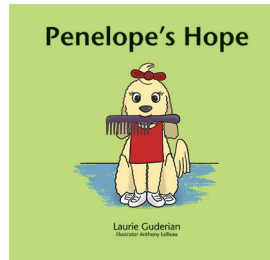
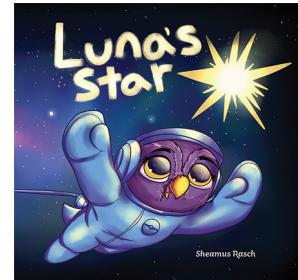
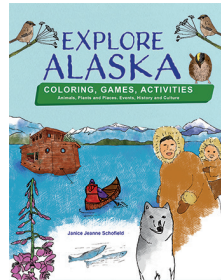
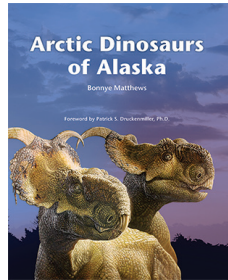


Pachyrhinosaurus

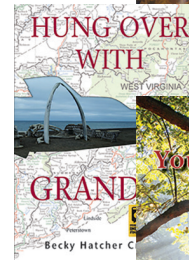
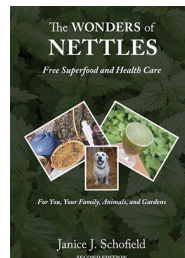
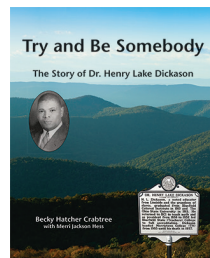
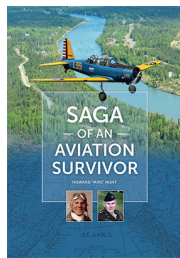
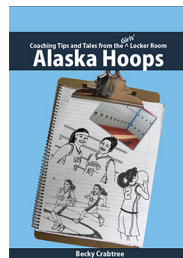
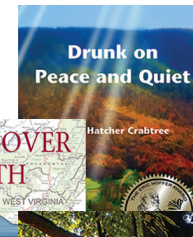
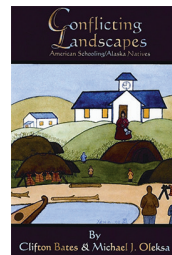
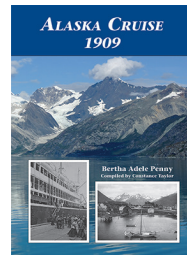
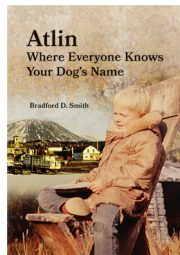
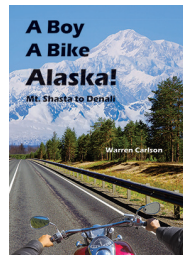
My Dinosaur Book

Fold in quarters and color.
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