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What can be inferred about the cyclops?

OdontocyclopsTemporal Range: Late Permian PreЄЄ O S D C P T J K Pg N Skull Scientific Classification Kingdom: Animalia Phylum: Chordata Clade: Therapsida Clade: †Dicynodontia Clade: †Cryptodont Genus: †OdontocyclopsKeyser and Cruickshank 1979 Odontocyclops : Greek: ondont-Greek tooth: kyklops- round eye, a kind of Greek mythological giant with one eye in the midline = toothy cyclops. Odontocyclops is an extinct genus dicynodonts in the dicynodont family. Dicynodonts are considered the first large team of terrestrial herbivores. Odontocyclop fossils were found in the Karoo Basin in South Arfricy and the Luangwa Valley in Zambia. The phylogenetic classification of Odontocyclops has long been under discussion, but most current studies place them as their own genus Dicynodonts and are very closely related to Rhachiocephalus and Oudenodon. The discovery and classification of the first skull, which was later named Odontocyclops, was discovered in 1913 by Fr. In 1938, additional specimens of Odontocyclops were discovered in the Luangwa Valley in Zambia. Using these specimens, and a few later collected skulls Cruickshank and Keyser in 1979 built a new genus of Dicynodonts to accommodate Odontocyclops. However, Culver and King did not believe that the diagnostic features listed by Cruickshank and Keyser (1979) distinguish Odontocyclops from the genus Dicynodon. This later led the King to classify Odontocyclops, not as his own genus, but as a synonym for Dicynodon. However, recent English studies have used cladistic data and presented the most recent suggested hypothesis that Odontocyclops represents its own genus Dicinodont and is very closely related to Rhachiocephalus and Oudenodon. Description Odontocyclops is distinguished from other dicynodonts by two autapomorphs: elongated nose bosses and a concave dorsal surface of the muss. [2] Odontocyclops also has a wide exposure of darks on the roof of the meantime skull, the presence of a postcaniniform crest, the absence of a lip fossa, and the presence of a dorsal process on the anterior ramus with a footrest soul. Skull Skull Skull Odontocyclops Skull Odontocyclops skull is large compared to other diocedons, measuring 60 cm and larger. Large dog fanies are found in some specimens, but not in others. However, the presence of fangs seems to be variable and not correlated with size. Therefore, it is justified that the presence of tusks is not sexual dimorphism for this kind. The overall shape of the skull is very similar to that of Rhachiocephalus. In dorsal view, the muzzle is particularly concave and is created by large nose heads, which design quatably above the muzzle. [2] The bone that forms these nose heads is with numerous small wells, suggesting the presence of a keratin shield. In addition, all known specimens lack pre-jaw teeth. This in combination with other evidence points to Odontocyclops having a keratin beak. Finally, odontocyclops vomers are connected and have a secondary palate that is relatively flat compared to other dicynodonts and contains low walls. The jaw jaw of the available specimen for examination is poorly preserved. The jaw, which has been examined for Odontocyclops, has only the behavior of the front part of the jaw. From this information available, it was determined that Odontocyclops lacks denara teeth but contains a lateral dental shelf. The presence of a lateral dental shelf in combination with tetrapods similar in morphology to other dicinodonts suggests that Odontocyclops uses a pro-anal sliding mechanism. [2] Pineal eye? Odontocyclops skull, showing pineal foramen His skull clearly had two normal eyes, but the wide open pineal openings shows that he also had the pineal eye. In reptiles, the pineal organ senses changes in temperature and light. Humerus There is only one left humerus available for the study of Odontocyclops. This humerus has largely dilated proximal and distal ends that are separated by a short shaft. The proximal and distal ends of the humerus are shifted by 40 degrees. The proximal part of the humerus is relatively flat, while the distal elixir is convex. The top of this bulge is located on the distal head of the humerus. Scapula Only one left spatula was available to examine Odontocyclops. This spatula is similar to that of other dicynodonts and consists of a long, curved, corrugated, dorsally extended blade that is formed from a solid, rounded base. The medial surface of the Odontocyclops spatula is relatively smooth and slightly concave. From this specimen there is no evidence that Odontocyclops had cleithrum. In addition, the spatula and coracoid remain separate and are not associative. This lack of fusion is a feature that is seen in other dicynodonts. Specimens of Paeloenvironment and paleobiology Environment Odontocyclops were found both in the Karoo basin in South Africa and in the Madumabisa Mudstone in the Luangwa Valley in Zambia. The Karoo basin was originally created in a late caravan as a result of a collision between a paleo-pacific plate and a Gondwanan plate. The Karoo basin and luangwa valley brought a large number of dicynodonts. Their ancient ecosystems occupied a region of low-lying floodplains cut by a series of vast braided river channels. [6] Madumabisa Mudstone, in which, Odontocyclops was found is a formation that is 700 meters thick. It is believed to be formed from the sediments of massive mud rock, deposited from sediment-rich rivers Lake. Mudstone Madumabisa is a gray/greenish color, but other colors ranging from brownish gray to dark green and red are present. Diet Dicynodonts are considered the first successful herbivorous land. Odontocyclops' diet most likely consisted of various seeds, leaves, stems and fleshy parts of plants. [8] It is likely that they had a nutritional behavior similar to that of one of their closest relatives, Oudenoden, who had a more upright posture and was moving quite slowly. Most likely, they had behavior during feeding, eating vegetation that was 20-100 cm above the ground. Their propalinal feeding sliding mechanism in combination with a sharp beak of keratin provided a sharp surface to effectively cut and grind the plant material. [9] Growth There is little information on specific growth patterns of Odontocyclops. However, by studying the overall growth patterns of dicinodont, understanding similar patterns can be inferred for Odontocyclops. Dicynodonts are characterized by the predominance of fibrolamellar bone tissue in the cortex. Fibroamellar bone is associated with rapid osteogenesis, which is why it is suggested that dicynodonts showed rapid bone growth. [10] Another pattern of growth in some dicynodonts, including the closest relatives of Odontocyclops, is rapid growth as juveniles and subsequent decline in growth rates with age. Once again, the available sample size is too small to draw conclusions about Odontocyclops growth patterns. However, one of the specimens considered juvenile does not have large nasal bosses, which suggests that this is a trait obtained later in life. [2] See also paleontology portal List of references to therapsids ^ a b c d Keyser, A. W. and A. R. I. Cruickshank. 1979. Origin and classification of Triassic Dicynodonts. Transactions of the Geological Society of South Africa, 12:1-35. 1 a b c d e f g h i j k l m n o p q Englishman, K. D. 2002. Redescription, phylogenetic position, and stratigraphic meaning of the genus dicinodont Odontocyclops (Synapsida: Anomodontia). Journal of Paleontology 76:1047–1059. ^ Cluver, M. A. and G.M. King. 1983. 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Paleogeography, Paleoclimatology, Paleoeecology, 102(3), 321-332. ^ a b Sullivan, C. S. (2000). The anatomy of the skull of the late diictodont permian diictodon, and its effect on aspects of taxonomy, paleobiology and phylogenetic relationships of sorts (Order No. MQ54209). Available from ProQuest Dissertations & Theses Global. (304663112). ^ a b Chinsamy-Turan, A. (2012). Mammalian precursors : Radiation, Histology, Biology (Life of the Past). Bloomington: Indiana University Press. External links The main groups of non-mammalian synapsids in the Mikko Philogeny Archive Downloaded from Read an excerpt from The Odyssey.Neither the answer nor the pity came from him, but in one step he grabbed my comrades and grabbed two in his hands like squirming puppies to beat their brains, splashing the floor. Then he dismembered them and made a meal, tearing and crunching like a mountain lion—everything: guts, flesh, and bone marrow. What can be inferred about cyclops? It is wild and brutal like a wild animal. Read this paragraph. Biology 101 with Professor Ramirez is the hardest course I've ever taken. While every inspiring class session involves gruelling notes and time-consuming work in the lab, I like the material. Funny lectures are insuchant, and all students remain engaged for an entire hour. Which paragraph confirms professor Ramirez's conclusion that he is a demanding teacher? Check everything that happens. challenge non-exhaustive notes taking time-consuming laboratory work Read the excerpt Odyssey.At it gave a powerful sobbing and rumbling: Now comes the odd on me, it is said about the old. The wizard, great and wonderful, lived here— Telemus, the son of Euryinus; many days he had in wizardry among the Cyclops, and these things foretold in time: my great eye lost, and in the hands of Odysseus. I've always meant a giant, armed with a gigantic force, will come up against me here. But it's you— small, pathetic, and twiggy — who put me off with wine, you blinded me. Come back, Odysseus, and I will treat you well, praying to the earthquake god to befriend you—his son I am because through his avowalfathered me, and if he will, he mayheal me with this black wound, he and no other all-happy gods or mortals of men.'Why would Cyclops invite Odysseus back to the island? He realizes that Odysseusz was about to take his eye. Odysseusz is summoned to adventure when _____ comes out of the house to join the Trojan War Use dictionary for tradition to respond to question.lorelore [lor] noun from old English leornian1. something you learn2. something you learn3. collection of traditions4. space between the eye and the bird bill5. space between the eye and mouth in a reptile or fishU use contextual clues to choose the sentence that best uses the third definition of the word lore. Jasmine's grandmother passed on the whole family tradition to the younger generation. Read an excerpt from Part 2 of Odyssey.his duties are sent, grabbed another people's brace to make his breakfast, and whisked his big door plate to let his sheep go through, but he, too, reset the stone as you can cap the quiver. Which statement best explains simile in this passage? Cyclops' effort to move the stone is compared to a simple task, showing its strength. Which homophone ends the sentence best? _____ won't believe what I just heard about the principal. Are you back with Penelope being part of Odysseus's epic journey? his return home What does Odysseus do on the island of Cicones, which best demonstrates the qualities of leadership? After he and his men land on the island and plunder for goods, Odysseus orders them to return quickly to the ship so that they can sail safely. What is an example of a direct offer? Dr. W. Wharton explains: Zeus was the king of the gods, the ruler of heaven, weather, law and fate. Read the excerpt odyssey.I won't see the earth's more expensive places, though I have been stopped long by Calypso,loveliest among the goddesses who kept me in her smooth caves to be her heart of delight, like the Circe of Aeaea, the enchantress,wanted me, and stopped me in her room. But in my heart, I never agreed. Where will a man find sweetness to outdo his own home and parents? On distant lands there will be, although he will find a house made of gold. What are the characteristics of Odysseus, the epic hero of this story, most shown in this passage? Character and loyalty In Odysea – Amphimедon, what motivates Odysseus to dress like a begive? He wants revenge on suitors. In The Odyssey – Elpenor, the rituals that Odysseus performs on the island show that the ancient Greeks respected and worshipped the dead. Why should the text in The Odyssey – Elpenor be marked as part of a trial journey? It shows Odysseus encountering supernatural beings. Read an excerpt from The Odyssey - Elpenor.By our night ship ran further towards the ocean of Bourne, the kingdom and the Men of Winter region, hidden in fog and the sea. Never flamingo Helios light on these menate in the morning when it climbs into the sky of stars, nor in descending earthly from the sky;a ruined night is rove over these wretched. For Odysseus and his people, the loss of Helios, the sun, symbolizes the loss of hope. Read the excerpt from - Elpenor.By nightship ran further towards the ocean bourne, kingdom and region of the Men of Winter, hidden in fog and snow. Never flamingo Helios light on these menate in the morning when it climbs into the sky of stars, nor in descending earthly from the sky;a ruined night is rove over these wretched. Which paraphrase of this passage is best? It is always dark where the People of Winter live. Odyseja – Elpenor is an epic poem because it contains a character summoning and talking to the dead. Read the paraphrase. Although I was sad to see my mother's dead spirit, I did not talk to her because I had to talk to another spirit. Which fragment of the Odyseja - Teiresias is paraphrasing? Seeing this spirit I regretted it, but held it, by pang on pang tears, until I should have known the presence of Teiresias. Read the passage from the Oder - Teiresias.Ale anguish awaits;god who thunders on earth prepares him, not to be shaken from the track, intransistly, in rancor for his son, whose eye dazzled. One narrow strait can get you through its blows: self-denial, the restraint of your fellow shipmates. When you first land on Thrinakia and throw the purple sea, the dark ones on land will find heliosba grazing barns, all of which are visible, all speech is known. Avoid these kine, stick to your intentions, and hard sailing brings everything to Ithaka.But if you raid the bees, I see destruction for the ship and crew. Which topic is reflected in the passage? Long-term goals are more important than short-term gains. In The Odyssey – Teiresias, when Teiresias describes the conflicts odysseusz will face, how do these conflicts relate to the subject of the story? Conflicts reveal the subject. Read an excerpt from the Odysias - Teiresias.One narrow strait can get you through his blows: denial of yourself, restraint of colleagues from the ship. When you first land on Thrinakia and throw the purple sea, the dark ones on land will find heliosba grazing barns, all of which are visible, all speech is known. Avoid these kine, stick to your intentions,and hard sailing brings everything to Ithaka.But if

you raid the bees, I see destruction for the ship and crew. Which passage best identifies the conflict that Teiresias predicts as partly a character-character conflict? restraint of colleagues from the ship Read the excerpt from Odyssey - Penelope.Ruses served my turnto to draw time outside, first close to the grainy web I had a happy thought to set weaving on my big loom in the hall. Which word in the passage best explains what the network represents in the passage? ruses Read an excerpt from Odyssey – Penelope.Ruses serve my turnto to draw time- first close to the grainy web I had a happy thought to set up weaving on my big loom in the hall. I said that day, ‘Young men—my suiters, now my me froze froze my weaving before i innia, or my thread will be spun in vain. It is a shroud and weave for Mr. Laerteswhen the cold death comes to put him on his bier. The wives of the country kept me in disgrace he, with all his fortune, lay uncovered.’I reached their hearts in this way, and they agreed. So every day I wove on the big loom, but every night by torchlight and unwove it;and so for three years I cheated Achaians.Which line from the passage best shows that Penelope is wise? and so for three years I cheated Achaians Read an excerpt from the Odyseja – Penelope. My lady, never a man around the world should have a mistake to find with you. Your name came out into the sky like the darling of some godly king who rules in equals over the strong: his black lands benie wheat and barley, fruit trees laden with bright new lambs at the time of lamb and deep seagives of great fish hauls by his good strategy, his folk fare well. Based on an epic simile, the reader should imagine Penelope as a queen who is conscientious. With Odyssey – Penelope, what can the reader predict about the future of Odysseus and Penelope's relationship? They will resume their marriage and happily rule over their kingdom together. United Kingdom.

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