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October 31st, 2011 - Description and systematics of panderichthyid fishes with comments on their relationship to tetrapods In Schultze H P amp Treub L eds Origins of the higher groups of tetrapods 68 ? 109 Ithaca Comstock Cornell University Press' **Fossil Record of Tetrapods Evidence of a Evolutionary**

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'Limnoscelidae Wikipedia

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December 15th, 2019 - Panderichthys rhombolepis based on Figure 20 of Description and systematics of panderichthyid fishes with comments on their relationship to tetrapods by Emilia Vorobyeva and Hans Peter Schultze Origins of the Higher Groups of Tetrapods Controversy and Consensus pp 68 109'

'Introduction SpringerLink

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'phylogeny of the ?higher? temnospondyls Vertebrata

September 13th, 2019 - A parsimony analysis of ?higher? temnospondyls Choanata and its implications for the monophyly and origins of the Stereospondyli Zoological Journal of the Linnean Society Volume 128 Issue 1 January 2000 Pages 77?121 Origins of the Higher Groups of Tetrapods Controversy and Consensus Ithaca Cornell University Press'

'Phylogenetic Definition of Reptilia Systematic Biology

December 24th, 2019 - The emerging consensus Gauthier et al 1988a Laurin and Reisz 1995 ?reptiles? including stem diapsids can no longer be recognized as reptiles This situation is similar to the controversy surrounding the crown group definition for Aves Origins of the higher groups of tetrapods'

'Palaeos Vertebrates Amniota References

December 23rd, 2019 - Amniota References Neary TJ 1995 The limbic system of tetrapods A comparative analysis of cortical and amygdalar populations The origin of reptiles Pages 331?353 in Origins of the higher groups of tetrapods?controversy and consensus H P Schultze and L Trueb eds Cornell University Press Ithaca Casineria'

'Origin of Birds The Final Solution 1

November 7th, 2019 - If the whole hind quarters from the ilium to the toes of a half hatched chicken could be suddenly enlarged ossified and fossilized as they are they would furnish us with the last step of the transition between Birds and Reptiles for there would be nothing in their characters to prevent us from referring them to the Dinosauria'

'Terrestrial style feeding in a very PubMed Central PMC

January 20th, 2017 - There is no consensus on when in the fish tetrapod transition suction feeding The origin of tetrapods and their

invasion of terrestrial environments are major events in vertebrate evolution Vorobyeva EI Schultze H P In *Origins of the Higher Groups of Tetrapods Controversy and Consensus* Schultze H P Treub L editors Ithaca'

'*Westlothiana lizziae* from the Viséan of East Kirkton West

December 26th, 2018 - *Westlothiana lizziae* is known from the Brigantian of East Kirkton Scotland The skull resembles that of later amniotes in the large size of the parietal the apparent loss of the intertemporal and the absence of a squamosal notch palatal fangs and labyrinthine infolding of the marginal teeth but is primitive in the absence of a transverse'43 genes support the lungfish coelacanth grouping related

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'*Labyrinthodontia* Wikipedia

December 15th, 2019 - Several groups are identified but there is no consensus of their phylogenetic relationship Many key groups were small with moderately ossified skeletons and there is a gap in the fossil record in the early Carboniferous the Romer's gap when most of the groups appear to have evolved" *PDF An exceptional Devonian fish from Australia sheds*

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'**Coelacanth Catches Science**

October 16th, 1997 - Two 4 7 present a sister group relationship between coelacanths and tetrapods two 5 6 support a sister group relationship between lungfishes and tetrapods and the fourth 8 is equivocal Roush's article states that study of extant lungfishes is pertinent to understanding the biology of extinct tetrapods This is speculative at best" **The origin of the internal nostril of tetrapods** Nature

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'Devonian Times Panderichthys

November 30th, 2019 - Panderichthys rhombolepis is known from several more complete specimens Although it probably belongs to a sister group of the earliest tetrapods Panderichthys exhibits a range of features transitional between tristichopterid lobe fin fishes e.g Eusthenopteron and early tetrapods'

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November 14th, 2019 - The question of tetrapod origins is a recurring theme of evolutionary studies as discussion is renewed periodically by new discoveries For an extensive historical review see Rosen et al 1981 When the South American and African lungfishes were discovered this group was considered to be the closest relatives of tetrapods Bischoff 1840'The fossil record of ?early? tetrapods evidence of a

December 21st, 2019 - The fossil record of Devonian tetrapods is often presented as compelling evidence of this major evolutionary transition 1 Science writer Carl Zimmer has written a popular book At the Water's Edge 2 which purports to show how life came ashore i.e how fish evolved into tetrapods and then went back to the sea i.e how land mammals gave rise to the whales'

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'Counting the Fingers of Birds and Dinosaurs Science

April 16th, 1998 - The interpretation of Burke and Feduccia is based on the ?ground plan? of the hand of living tetrapods in Origins of the Higher Groups of Tetrapods Controversy and Consensus H P Schultze and L The comments by Chatterjee and by Garner and Thomas argue that the reigning hypothesis of avian origins renders our"The origin and early evolutionary history of amniotes

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'Crassigyrinus Fossil Wiki FANDOM powered by Wikia

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'Terrestrial Vertebrates

December 27th, 2019 - Terrestrial vertebrates have a worldwide distribution The earliest members of this group were moderately large 1.2-5 m body length The oldest known skeletal remains of terrestrial vertebrates were found in the Upper Devonian of East Greenland Clack 1994'

'Pederpes and Whatcheeria Reptile Evolution

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'James Hopson ? Wikipedia

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