

# References for literature research. Evaluating the predicted extinction risk of living amphibian species with the fossil record

## Key Reference

---

- 1 Alroy, J. (2016). Fossilworks. Gateway to the Paleobiology Database.  
<http://fossilworks.org>.
- 2 Gardner, J.D. (1999). New albanerpetontid amphibians from the albian to Coniacian of Utah, Usa—Bridging the gap. *J. Vertebr. Paleontol.*, 19, 632–638.
- 3 Fox, R.C. & Naylor, B.G. (1982). A reconsideration of the relationships of the fossil amphibian Albanerpeton. *Can. J. Earth Sci.*, 19, 118–128.
- 4 Gardner, J.D. (2000). Albanerpetontid amphibians from the Upper Cretaceous (Campanian and Maastrichtian) of North America. *Geodiversitas*, 22, 349–388.
- 5 Sanchiz, B. (1998). *Encyclopedia of Paleoherpetology 4: Salientia*. Gustav Fischer Verlag, Stuttgart.
- 6 Henrici, A.C. *et al.* (2013). *Aerugoamnis paulus*, new genus and new species (Anura: Anomocoela): first reported anuran from the Early Eocene (Wasatchian) Fossil Butte Member of the Green River Formation, Wyoming. *Ann. Carnegie Mus.*, 81, 295–309.
- 7 Gardner, J.D. (1999). The amphibian Albanerpeton arthridion and the Aptian–Albian biogeography of albanerpetontids. *Palaeontology*, 42, 529–544.
- 8 Böhme, M. (2010). Ectothermic vertebrates (Actinopterygii, Allocaudata, Urodela, Anura, Crocodylia, Squamata) from the Miocene of Sandelzhausen (Germany, Bavaria) and their implications for environment reconstruction and palaeoclimate. *Paläont. Z.*, 84, 3–41.
- 10 Wiechmann, M.F. (2004). Albanerpetontidae (Lissamphibia) aus dem Mesozoikum der Iberischen Halbinsel und dem Neogen von Süddeutschland. PhD thesis..
- 11 Venczel, M. & Gardner, J.D. (2005). The geologically youngest Albanerpetontid amphibian, from the Lower Pliocene of Hungary. *Palaeontology*, 48, 1273–1300.
- 12 Böhme, M. & Ilg, A. (2003). fosFARbase. Database of Vertebrates: fossil Fishes, Amphibians, Reptiles, Birds. [www.wahre-staerke.com/](http://www.wahre-staerke.com/).
- 14 Roček, Z. (2013). Mesozoic and Tertiary Anura of Laurasia. *Palaeobiodivers. Palaeoenviron.*, 93, 397–439.
- 15 Estes, R. (1981). *Handbook of Paleoherpetology - Part 2: Gymnophiona, Caudata*. München.
- 16 Chantell, C. (1971). Fossil amphibians from the Egelhoff local fauna in north-central Nebraska. *Contributions from the museum of paleontology*, 23, 239–246.
- 19 Holman, J. (1987). Herpetofauna of the Egelhoff site (Miocene: Barstovian) of north-central Nebraska. *J. Vertebr. Paleontol.*, 7, 109–120.

- 18 Tihen, J.A. & Chantnell, C.J. (1963). Urodele remains from the Valentine Formation of Nebraska. *Copeia*, 1963, 505–510.
- 25 Holman, J.A. (2003). *Fossil frogs and toads of North America*. Indiana University Press, Bloomington; Indianapolis.
- 26 Carroll, R.L. *et al.* (2000). *Amphibian Biology, Volume 4. Paleontology, the evolutionary history of amphibians*. Surrey Beatty & Sons, Chipping Norton, Australia.
- 30 Gardner, J.D. *et al.* (2003). New albanerpetontid amphibians from the Early Cretaceous of Morocco and Middle Jurassic of England. *Acta Palaeontol. Pol.*, 48, 301–319.
- 31 Long, R.A. & Murry, P.A. (1995). Late Triassic (Carnian and Norian) tetrapods from the southwestern United States. *New Mexico Museum of Natural History and Science*, 4, 20–23.
- 33 Estes, R. (1972). The first fossil record of caecilian amphibians. *Nature*, 239, 228–231.
- 34 Holman, J.A. (1977). Amphibians and reptiles from the Gulf Coast Miocene of Texas. *Herpetologica*, 33, 391–403.
- 35 Evans, S. & McGowan, G. (2002). Lissamphibian remains from the Purbeck Limestone Group, southern England. *Sp. Pap. Palaeontol.*, 68, 103–119.
- 36 Rocek, Z. & Nesson, L.A. (1993). Cretaceous anurans from central Asia. *Palaeontogr. Abt. A.*, 226, 1–54.
- 37 Schoch, R.R. & Milner, A.R. (2000). *Encyclopedia of Paleoherpetology 3B: Stereospondyli*. Verlag Dr. Friedrich Pfeil, München, Germany, München.
- 38 Gao, K.-Q. & Shubin, N.H. (2003). Earliest known crown-group salamanders. *Nature*, 422, 424–428.
- 40 Sullivan, C. *et al.* (2014). The vertebrates of the Jurassic Daohugou Biota of northeastern China. *J. Vertebr. Paleontol.*, 34, 243–280.
- 41 Špíňar, Z.V. (1972). *Tertiary Frogs from Central Europe*. Academia, Prague, Czechoslovakia.
- 42 Schoch, R.R. & Milner, A.R. (2014). *Handbook of Paleoherpetology - Part 3A2: Temnospondyli I*. Verlag Dr. Friedrich Pfeil, München, Germany, München, Germany.
- 45 Nesson, L.A. (1988). Late Mesozoic amphibians and lizards of Soviet Middle Asia. *Acta Zool. Cracov.*, 31, 475–486.
- 49 Worthy, T.H. (1987). Osteology of Leiopelma (Amphibia: Leiopelmatidae) and descriptions of three new subfossil Leiopelma species. *J. Roy. Soc. New Zeal.*, 17, 201–251.
- 53 Auffenberg, W. (1961). A new genus of fossil salamander from North America. *Am. Midl. Nat.*, 66, 456–465.
- 56 Naylor, B.G. & Krause, D.W. (1981). Piceoerpeton, a giant early Tertiary salamander from western North America. *J. Paleontol.*, 55, 507–523.

- 61 Warren, A.A. & Hutchinson, M.N. (1983). The last labyrinthodont? A new brachyopoid (Amphibia, Temnospondyli) from the early Jurassic Evergreen Formation of Queensland, Australia. *Philos. Trans. Royal Soc. B*, 303, 1–62.
- 62 Gao, K.Q. & Shubin, N.H. (2001). Late Jurassic salamanders from northern China. *Nature*, 410, 574–577.
- 63 Goin, C. & Auffenberg, W. (1955). The fossil salamanders of the family Sirenidae, 113, 497–514.
- 64 Henrici, A.C. (2009). Reassessment of *Scaphiopus neuter* (Anura: Pelobatoidea: Pelobatidae), based on new material from Anceney, Montana (Early Barstovian). *Ann. Carnegie Mus.*, 78, 273–287.
- 67 Venczel, M. (2004). Middle Miocene anurans from the Carpathian Basin. *Palaeontographica Abteilung A*, 271, 151–174.
- 68 Cogălniceanu, D. *et al.* (2014). Age and body size in populations of two syntopic spadefoot toads (genus *Pelobates*) at the limit of their ranges. *J. Herpetol.*, 48, 537–545.
- 70 Gardner, J. (2012). Revision of *Piceoerpeton meszoely* (Caudata: Scapherpetontidae) and description of a new species from the late Maastrichtian and early Paleocene of western North America. *B. Soc. Geol. Fr.*, 183, 611–620.
- 71 Brusatte, S.L. *et al.* (2015). A new species of *Metoposaurus* from the Late Triassic of Portugal and comments on the systematics and biogeography of metoposaurid temnospondyls. *J. Vertebr. Paleontol.*, e912988.
- 73 Green, M. & Holman, J. (1977). A late Tertiary stream channel fauna from south Bijou Hill, South Dakota. *J. Paleontol.*, 51, 543–547.
- 74 Holman, J.A. (1996). Glad Tidings, a Late Middle Miocene herpetofauna from Northeastern Nebraska. *J. Herpetol.*, 30, 430–432.
- 77 Evans, S.E. *et al.* (2014). New material of *Beelzebufo*, a hyperossified frog (Amphibia: Anura) from the Late Cretaceous of Madagascar. *PloS one*, 9, e87236.
- 78 Gardner, J.D. & Averianov, O. (1998). Albanerpetontid amphibians from the Upper Cretaceous of Middle Asia. *Acta Palaeontol. Pol.*, 43, 453–467.
- 82 Parmley, D. (1992). Frogs in hemphillian deposits of Nebraska, with the description of a new species of *Bufo*. *J. Herpetol.*, 26, 274–281.
- 85 Estes, R. & Tihen, J. (1964). Lower vertebrates from the Valentine Formation of Nebraska. *Am. Midl. Nat.*, 72, 453–472.
- 88 McGowan, G. (1998). The development and function of the atlanto-axial joint in albanerpetontid amphibians. *J. Herpetol.*, 32, 116–122.
- 89 Mörs, T. *et al.* (2000). Die erste Wirbeltierfauna aus der miozänen Braunkohle der Niederrheinischen Bucht (Vile-Schichten, Tagebau Hambach). *Paläont. Z.*, 74, 145–170.

- 93 Olson, E.C. & Barghusen, H. (1962). Permian vertebrates from Oklahoma and Texas. Part I.—Vertebrates from the Flowerpot Formation, Permian of Oklahoma. *Oklahoma Geological Survey Circular*, 59, 5–48.
- 94 Evans, S. & Borsuk-Bialynicka, M. (2009). The Early Triassic stem-frog *Czatkobatrachus* from Poland. *Palaeontol. Pol.*, 65, 79–105.
- 96 Evans, S. *et al.* (1990). A discoglossid frog from the Middle Jurassic of England. *Palaeontology*, 33, 299–311.
- 97 McGrew, P.O. (1959). The geology and paleontology of the Elk Mountain and Tabernacle Butte Area, Wyoming. *B. Am. Mus. Nat. Hist.*, 117, 123–176.
- 98 Báez, A.M. *et al.* (2009). Anurans from the Lower Cretaceous Crato Formation of northeastern Brazil: implications for the early divergence of neobatrachians. *Cretaceous Res.*, 30, 829–846.
- 100 Goin, C.J. & Auffenberg, W. (1958). New salamanders of the family Sirenidae from the Cretaceous of North America. *Fieldiana Geol.*, 10, 449–459.
- 101 Wilson, L.E. (2008). Comparative taphonomy and paleoecological reconstruction of two microvertebrate accumulations from the Late Cretaceous Hell Creek Formation (Maastrichtian), Eastern Montana. *Palaio*, 23, 289–297.
- 102 Fox, R. (1989). The Wounded Knee local fauna and mammalian evolution near the Cretaceous-Tertiary boundary, Saskatchewan, Canada. *Palaeontographica Abteilung A*.
- 103 Estes, R. *et al.* (1969). Lower vertebrates from the Late Cretaceous Hell Creek Formation, McCone County, Montana. *Breviora*, 337, 1–33.
- 104 Krause, D.W. (1980). Early Tertiary amphibians from the Bighorn basin, Wyoming. *University of Michigan Papers on Paleontology*, 24, 69–71.
- 105 Szentesi, Z. & Venczel, M. (2010). An advanced anuran from the Late Cretaceous (Santonian) of Hungary. *N. Jb. Geol. Paläont. Abh.*, 256, 291–302.
- 106 Holman, J.A. (1966). A small Miocene herpetofauna from Texas. *Quarterly journal of the Florida Academy of Sciences*, 29, 267–275.
- 108 Evans, S. *et al.* (1996). Sirenid salamanders and a gymnophionan amphibian from the Cretaceous of the Sudan. *Palaeontology*, 39, 77–95.
- 109 Venczel, M. (2001). Anurans and squamates from the Lower Pliocene ( MN 14 ) Osztramos I locality ( Northern Hungary ). *Fragm. Palaeont. Hung.*, 19, 79–90.
- 112 Evans, S. *et al.* (1988). The earliest known salamanders (Amphibia, Caudata): a record from the Middle Jurassic of England. *Geobios*, 21, 539–552.
- 114 Skutschas, P.P. (2009). Re-evaluation of *Mynbulakia* Nesov, 1981 (Lissamphibia: Caudata) and description of a new salamander genus from the Late Cretaceous of Uzbekistan. *J. Vertebr. Paleontol.*, 29, 659–664.

- 115 Rage, J.-C. *et al.* (1993). Enigmatic Caudata (Amphibia) from the Upper Cretaceous of Gondwana. *Geobios*, 26, 515–519.
- 118 Eberth, D.A. & Brinkman, D.B.D.B.D.B. (1997). Paleoecology of an estuarine, incised-valley fill in the Dinosaur Park Formation (Judith River Group, Upper Cretaceous) of southern Alberta, Canada. *Palaios*, 12, 43–58.
- 119 Brinkman, D.B. (1990). Paleoecology of the Judith River Formation (Campanian) of Dinosaur Provincial Park, Alberta, Canada: evidence from vertebrate microfossil localities. *Palaeogeogr. Palaeoclimatol. Palaeoecol.*, 78, 37–54.
- 120 Carpenter, K. (1979). Vertebrate fauna of the Laramie Formation (Maestrichtian), Weld County, Colorado. *Rocky Mountain Geology*, 17, 37–48.
- 121 Breithaupt, B.H. (1982). Paleontology and paleoecology of the Lance Formation (Maestrichtian), east flank of Rock Springs Uplift, Sweetwater County, Wyoming. *Rocky Mountain Geology*, 21, 123–151.
- 122 Estes, R. (1964). Fossil vertebrates from the Late Cretaceous Lance Formation, eastern Wyoming. *University of California Publications in Geological Sciences*, 49, 1–180.
- 123 Database, U. (n.d.). UCMP collections database.
- 124 Pearson, D.A. *et al.* (2002). Vertebrate biostratigraphy of the Hell Creek Formation in southwestern North Dakota and northwestern South Dakota, 145–167.
- 125 Sullivan, R.M. (1991). Paleocene Caudata and Squamata from Gidley and Silberling quarries, Montana. *J. Vertebr. Paleontol.*, 11, 293–301.
- 126 Báez, A. & Rage, J. (1998). Pipid frogs from the upper Cretaceous of In Beceten, Niger. *Palaeontology*, 41, 669–691.
- 127 Hossini, S. & Rage, J. (2000). Palaeobatrachid frogs from the earliest Miocene (Agenian) of France, with description of a new species. *Geobios*, 33, 223–231.
- 128 Estes, R. *et al.* (1967). Paleocene Amphibians from Cernay, France. *Am. Mus. Novit.*, 2295, 1–25.
- 129 Csiki, Z. *et al.* (2008). The Budurone microvertebrate site from the Maestrichtian of the Hateg Basin—flora, fauna, taphonomy and paleoenvironment. *Acta Palaeontol. Rom.*, 6, 49–66.
- 132 Anderson, J. (2002). Revision of the aistopod genus *Phlegethontia* (Tetrapoda: Lepospondyli). *J. Paleontol.*, 76, 1029–1046.
- 133 Meszoely, C.A.M. (1967). A new cryptobranchid salamander from the early Eocene of Wyoming. *Copeia*, 1967, 346–349.
- 134 Holman, J.A. (1961). A New Hylid Genus from the Lower Miocene of Florida. *Copeia*, 1961, 354–355.
- 135 Sahni, A. (1972). The vertebrate fauna of the Judith River formation, Montana. *B. Am.*

- Mus. Nat. Hist.*, 147, 323–412.
- 136 Armstrong-Ziegler, J. (1978). An aniliid snake and associated vertebrates from the Campanian of New Mexico. *J. Paleontol.*, 52, 480–483.
- 137 Friant, M. (1944). Caractères anatomiques d'un batracien oligocène de la Limagne le *Prodiscoglossus Vertaizoni* nov. gen. nov. spec. *Comptes rendus hebdomadaires des séances de l'Académie des sciences*.
- 139 Chantell, C. (1964). Some Mio-Pliocene hylids from the Valentine formation of Nebraska. *Am. Midl. Nat.*, 72, 211–225.
- 140 Gut, H. & Ray, C. (1963). The Pleistocene vertebrate fauna of Reddick, Florida. *Quarterly Journal of the Florida Academy of Sciences*, 26, 315–328.
- 141 Warren, A. & Black, T. (1985). A new rhytidosteid (Amphibia, Labyrinthodontia) from the Early Triassic Arcadia Formation of Queensland, Australia, and the relationships of Triassic temnospondyls. *J. Vertebr. Paleontol.*, 5, 303–327.
- 143 Rage, J.-C. (1988). Le gisement du Bretou (Phosphorites du Quercy, Tarn-et-Garonne, France) et sa faune des vertebres de l'Eocene superieur; 1. Amphibiens et reptiles. *Palaeontogr. Abt. A.*, 205.
- 144 Lillegraven, J. & Eberle, J. (1999). Vertebrate faunal changes through Lancian and Puercan time in southern Wyoming. *J. Paleontol.*, 73, 691–710.
- 146 Zweifel, R.G. (1956). Two pelobatid frogs from the Tertiary of North America and their relationships to fossil and recent forms. *Am. Mus. Novit.*, 1762, 1–45.
- 149 Kluge, A. (1966). A new Pelobatine frog from the Lower Miocene of South Dakota: With a discussion of the evolution of the *Scaphiopus-spea* complex. *Contributions in Science*, 113.
- 150 Holman, J. & Harrison, D. (2002). A new *Thaumastosaurus* (Anura: Familia Incertae Sedis) from the Late Eocene of England, with remarks on the taxonomic and zoogeographic relationships of the genus. *J. Herpetol.*, 36, 621–626.
- 151 Carvalho, I. de S. (2004). *Uberabasuchus terrificus* sp. nov., a new Crocodylomorpha from the Bauru Basin (Upper Cretaceous), Brazil. *Gondwana Res.*, 7, 975–1002.
- 152 Skutschas, P.P. & Krasnolutskii, S.A. (2011). A new genus and species of basal salamanders from the Middle Jurassic of Western Siberia, Russia. *Proceedings ZIN*, 315, 167–175.
- 153 Sweetman, S. & Gardner, J. (2012). A new albanerpetontid amphibian from the Barremian (Early Cretaceous) Wessex Formation of the Isle of Wight, southern England. *Acta Palaeontol. Pol.*, 58, 295–324.
- 154 Voorhies, M. (1990). Vertebrate paleontology of the proposed Norden Reservoir Area, Brown, Cherry and Keya Paha counties, Nebraska. *Technical Report, Division of*

- Archeological Research, Department of Anthropology, University of Nebraska*, 82–90.
- 155 Green, M. (1985). Micromammals from the Miocene Bijou Hills local fauna, South Dakota. *Dakoterra*, 2, 141–154.
  - 156 Cope, E.D. (1896). The reptilian order Cotylosauria. *Proc. Am. Phil. Soc.*, 34, 436–457.
  - 160 Sanchiz, B. (1998). *Encyclopedia of Paleoherpetology 4: Salientia*. Gustav Fischer Verlag, Stuttgart.
  - 163 Whitmore, J.L. & Martin, J.E. (1986). Vertebrate fossils from the Greasewood Creek locality in the Late Cretaceous Lance Formation of Niobrara County, Wyoming. *Proceedings of the South Dakota Academy of Sciences*, 65, 33–50.
  - 164 Olson, E. (1952). Upper Value and Choza: 6 Diplocaulus. *Fieldiana: Geology*, 10, 147–166.
  - 165 Evans, S. & McGowan, G. (2002). An amphibian assemblage from the Purbeck Limestone Group. *Sp. Pap. Palaeontol.*, 68, 103–119.
  - 166 Rage, J.-C. & Dutheil, D.B. (20008). Amphibians and squamates from the Cretaceous (Cenomanian) of Morocco. *Palaeontogr. Abt. A.*, 185, 1–22.
  - 167 Bonett, R.M. *et al.* (2013). Biogeography and body size shuffling of aquatic salamander communities on a shifting refuge. *Proc. Royal Soc. B*, 280, 20130200.
  - 171 Winkler, D.A. *et al.* (1989). Vertebrate paleontology of the Trinity Group, Lower Cretaceous of central Texas. In: *Field guide to the vertebrate paleontology of the trinity group, lower cretaceous of central texas* (eds. Winkler, D.A. *et al.*). Institute for the study of earth; man, southern methodist university, Austin, Texas, USA, pp. 1–22.
  - 173 Chantell, C. (1971). Fossil amphibians from the Egelhoff local fauna in north-central Nebraska. *Contributions from the museum of paleontology*, 23, 239–246.
  - 174 Connor, C.W. (1991). The Lance Formation - petrography and stratigraphy, Powder River Basin and nearby basins, Wyoming and Montana. *U.S. Geological Survey Bulletin*, 1, 1–117.
  - 176 Gunnell, G.F. (1994). Paleocene Mammals and faunal analysis of the chappo type locality (Tiffanian), Green River Basin, Wyoming. *J. Vertebr. Paleontol.*, 2, 21–39.
  - 177 Harsen, J. *et al.* (1961). New Miocene Formation in South Dakota. *Miscellaneous Investigations University of South Dakota*, 3, 1–11.
  - 178 Brown, B. (1907). The Hell Creek beds of the Upper Cretaceous of Montana: their relation to contiguous deposits, with faunal and floral lists, and a discussion of their correlation. *B. Am. Mus. Nat. Hist.*, 23, 823–845.
  - 180 Averianov, A. & Sues, H.-D. (2012). Skeletal remains of Tyrannosauroida (Dinosauria: Theropoda) from the Bissekty Formation (Upper Cretaceous: Turonian) of Uzbekistan. *Cretaceous Res.*, 34, 284–297.

- 181 Evans, S.E. *et al.* (2008). A giant frog with South American affinities from the Late Cretaceous of Madagascar. *Proc. Natl. Acad. Sci. U.S.A.*, 105, 2951–2956.
- 184 Chen, J. *et al.* (2016). A burrowing frog from the late Paleocene of Mongolia uncovers a deep history of spadefoot toads (Pelobatoidea) in East Asia. *Sci. Rep.*, 6, 19209.
- 185 Wescott, W.a. & Diggins, J.N. (1998). Depositional history and stratigraphical evolution of the Sakamena Group (Middle Karoo Supergroup) in the southern Morondava Basin, Madagascar. *J. Afr. Earth Sci.*, 27, 461–479.
- 186 Vaughn, P.P. (1963). The age and locality of the Late Paleozoic vertebrates from El Cobre Canyon, Rio Arriba County, New Mexico. *J. Paleontol.*, 37, 283–286.
- 187 Damiani, R. (2004). Cranial Anatomy and Relationships of *Microposaurus casei*, a Temnospondyl from the Middle Triassic of South Africa. *J. Vertebr. Paleontol.*, 24, 533–541.
- 188 Shishkin, M. *et al.* (1996). A new lydekkerinid (Amphibia: Temnospondyli) from the Lower Triassic of South Africa: implications for evolution of the early capitosauroid cranial pattern. *Philos. Trans. Royal Soc. B*, 351, 1635–1659.
- 189 Haughton, H. (1925). Investigations in South African fossil reptiles and Amphibia (Part 13). *Annals of the South African Museum*, 22, 227–261.
- 190 Maganuco, S. *et al.* (2009). An exquisite specimen of *Edingerella madagascariensis* (Temnospondyli) from the Lower Triassic of NW Madagascar; cranial anatomy, phylogeny, and restorations. *Memorie della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano*, 36, 1–72.
- 191 Kitching, J.W. (1977). The distribution of the Karroo vertebrate fauna : with special reference to certain genera and the bearing of this distribution on the zoning of the Beaufort beds. PhD thesis. University of the Witwatersrand.
- 192 Shishkin, M. & Rubidge, B. (2000). A relict rhinesuchid (Amphibia: Temnospondyli) from the Lower Triassic of South Africa. *Palaeontology*, 43, 653–670.
- 193 Schoch, R.R. & Rubidge, B.S. (2005). The amphibamid *Micropholis* from the *Lystrosaurus* assemblage zone of South Africa. *J. Vertebr. Paleontol.*, 25, 502–522.
- 194 Sweetman, S.C. & Insole, A.N. (2010). The plant debris beds of the Early Cretaceous (Barremian) Wessex Formation of the Isle of Wight, southern England: their genesis and palaeontological significance. *Palaeogeogr. Palaeoclimatol. Palaeoecol.*, 292, 409–424.
- 196 Sidor, C. a *et al.* (2010). Tetrapod fauna of the lowermost Usili Formation (Songea Group, Ruhuhu Basin) of southern Tanzania, with a new burnetiid record. *J. Vertebr. Paleontol.*, 30, 696–703.
- 197 Sinclair, W. (1917). A new labyrinthodont from the Triassic of Pennsylvania. *Am. J. Sci.*, 43, 319–321.



- 198 Henrici, A.C. *et al.* (2011). An ostodolepid 'microsaur' (Lepospondyli) from the Lower Permian Tambach Formation of central Germany. *J. Vertebr. Paleontol.*, 31, 997–1004.
- 199 Cosgriff (1974). Lower Triassic Temnospondyli of Tasmania. *Geol. S. Am. S.*, 149, 1–130.
- 200 Benton, M. *et al.* (1994). A review of the British Middle Triassic tetrapod assemblages. In: *In the shadow of the dinosaurs* (eds. Fraser, N.C. & Sues, H.D.). Cambridge University Press, Cambridge, UK, pp. 131–160.
- 201 Averianov, A.O. *et al.* (2008). Amphibians from the Middle Jurassic Balabansai Svita in the Fergana Depression, Kyrgyzstan (Central Asia). *Palaeontology*, 51, 471–485.
- 202 Böhme, M. (2008). Ectothermic vertebrate (Teleostei, Allocaudata, Urodela, Anura, Testudines, Choristodera, Crocodylia, Squamata) from the Upper Oligocene of Oberleichtersbach (Northern Bavaria, Germany). *Cour. Forsch. Senck.*, 260, 161–183.
- 203 Estes, R. & Sanchíz, B. (1982). Early Cretaceous Lower Vertebrates from Galve (Teruel), Spain. *J. Vertebr. Paleontol.*, 2, 21–39.
- 204 Milner, A. & Sequeira, S. (1994). The temnospondyl amphibians from the Visean of East Kirkton, West Lothian, Scotland. *T. Rse. Earth*, 84, 301–308.
- 205 Carroll, R.L. & Gaskill, P. (1978). The order Microsauria. *Mem. Am. Philos. Soc.*, 126, 1–211.
- 206 Jones, M.E.H. *et al.* (2003). Early Cretaceous frogs from Morocco. *Ann. Carnegie Mus.*, 72, 65–97.
- 207 Thayer, D.W. (1985). New Pennsylvanian lepospondyl amphibians from the Swisshelm Mountains, Arizona. *J. Paleontol.*, 59, 684–700.
- 208 Schoch, R.R. (1999). Comparative osteology of Mastodonsaurus giganteus from the Middle Triassic of Germany. *Stuttgarter Beiträge zur Naturkunde Serie B*, 278, 1–175.
- 209 Sulej, T. & Majer, D. (2005). The temnospondyl amphibian Cyclotosaurus from the upper Triassic of Poland. *Palaeontology*, 48, 157–170.
- 210 Olson, E.C. (1970). New and little known genera and species of vertebrates from the Lower Permian of Oklahoma. *Fieldiana: Geology*, 18, 359–434.
- 211 Olson, E.C. (1955). Fauna of the Vale and Choza: 10. *Fieldiana: Geology*, 10, 225–274.
- 212 Schoch, R.R. (2008). A new stereospondyl from the German Middle Triassic, and the origin of the Metoposauridae. *Zool. J. Linn. Soc-lond.*, 152, 79–113.
- 213 Daly, E. (1973). A Lower Permian Vertebrate Fauna from Southern Oklahoma. *J. Paleontol.*, 47, 562–589s.
- 215 Milner, A. (2008). The tail of Microbrachis (Tetrapoda; Microsauria). *Lethaia*, 41, 257–261.
- 216 Olson, E.C. (1951). Diplocaulus: A study in Growth and Variation. *Fieldiana: Geology*, 11.
- 217 Polley, B. (2011). A new Lower Permian trematopid (Temnospondyli: Dissorophoidea) from Richards Spur, Oklahoma. PhD thesis..
- 218 Gardner, J.D. (2015). An edentulous frog (Lissamphibia; Anura) from the Upper

- Cretaceous (Campanian) Dinosaur Park Formation of southeastern Alberta, Canada. *Can. J. Earth Sci.*, 52, 569–580.
- 219 Schaeffer, B. & Gregory, J.T. (1961). Coelacanth fishes from the Continental Triassic of the Western United States. *Am. Mus. Novit.*, 2036, 1–18.
- 221 Warren, A. *et al.* (2011). Tupilakosaur-like vertebrae in *Bothriceps australis*, an Australian brachyopid stereospondyl. *J. Vertebr. Paleontol.*, 31, 738–753.
- 222 Warren, A.A. *et al.* (1997). The last last labyrinthodonts? *Palaeontogr. Abt. A.*, 247, 1–24.
- 223 Shishkin, M. a *et al.* (2004). Re-evaluation of *Kestrosaurus haughton*, a capitosaurid temnospondyl amphibian from the Upper Beaufort Group of South Africa. *Russ. J. Herpetol.*, 11, 121–138.
- 224 Hunt, A.P. (2001). The vertebrate fauna, biostratigraphy and biochronology of the type revueltian land-vertebrate faunachron, Bull Canyon Formation (Upper Triassic), east-central New Mexico.
- 225 Averianov, A.O. & Voronkevich, A.V. (2002). A new crown-group salamander from the Early Cretaceous of Western Siberia. *Russ. J. Herpetol.*, 9, 209–214.
- 226 Schoch, R.R. *et al.* (2007). Anatomy and relationships of the Triassic temnospondyl *Sclerothorax*. *Acta Palaeontol. Pol.*, 52, 117–136.
- 227 Brinkman, D.B. *et al.* (1998). The paleogeographic and stratigraphic distribution of ceratopsids (*Ornithischia*) in the Upper Judith River Group of Western Canada. *Palaios*, 13, 160–169.
- 228 Olson, E.C. (1967). Early Permian Vertebrates. *Oklahoma Geological Survey Circular*, 74, 1–111.
- 230 USGS (2015a). USGS mineral resources on-line spatial data.
- 231 USGS (2015b). USGS mineral resources on-line spatial data.
- 232 Clark, J. *et al.* (1967). Oligocene sedimentation, stratigraphy, paleoecology and paleoclimatology in the big Badlands of South Dakota. *Fieldiana*, 5, 21–74.
- 233 Neasham, J.W. (1970). Sedimentology of the Willwood Formation (Lower Eocene): an alluvial molasse facies in northwestern Wyoming, USA. PhD thesis. Iowa State University.
- 237 Laurin, M. (2004). The evolution of body size, Cope's rule and the origin of amniotes. *Systematic biology*, 53, 594–622.
- 239 Berman, D.S. *et al.* (1987). A new genus and species of trematopid amphibian from the Late Pennsylvanian of North-Central New Mexico. *J. Vertebr. Paleontol.*, 7, 252–269.
- 240 Schoch, R.R. & Fröbisch, N.B. (2006). Metamorphosis and neoteny: alternative pathways in an extinct amphibian clade. *Evolution*, 60, 1467–1475.
- 241 Broili, F. (1904). Permische Stegocephalen und Reptilien aus Texas. *Palaeontographica*, 51, 40–45.

- 242 Milner, A. & Sequeira, S. (1994). The temnospondyl amphibians from the Viséan of East  
Kirkton, West Lothian, Scotland. *T. Rse. Earth*, 84, 301–308.
- 243 Williston, S.W. (1910). Cacops, Desmospondylus; new genera of Permian vertebrates.  
*Bull. Geol. Soc. Am.*, 21, 249–284.
- 244 Reisz, R.R. *et al.* (2009). The armoured dissorophid Cacops from the Early Permian of  
Oklahoma and the exploitation of the terrestrial realm by amphibians.  
*Naturwissenschaften*, 96, 789–796.
- 245 Langston, W. (1953). Permian amphibians from New Mexico. *University of California  
Publications in Geological Sciences*, 29, 349–416.
- 246 Schoch, R.R. & Sues, H.D. (2013). A new dissorophid temnospondyl from the Lower  
Permian of north-central Texas. *Comptes Rendus - Palevol*, 12, 437–445.
- 247 Paton, R.L. (1975). A lower Permian temnospondylus amphibian from the English  
Midlands Dasyceps.
- 248 Sigurdson, T. & Bolt, J.R. (2010). The Lower Permian amphibamid Doleserpeton  
(Temnospondyli: Dissorophoidea), the interrelationships of amphibamids, and the origin of  
modern amphibians. *J. Vertebr. Paleontol.*, 30, 1360–1377.
- 249 Bystrow, A.P. (1938). Dvinosaurus als neotenische Form der Stegocephalen. *Acta Zool.*,  
19, 209–295.
- 250 Anderson, J.S. *et al.* (2008). Georgenthalia clavinasica, a new genus and species of  
dissorophid temnospondyl from the Early Permian of Germany, and the relationships of  
the family Amphibamidae. *J. Vertebr. Paleontol.*, 328, 61–75.
- 251 Konzhukova, E.D. (1956). The Intan Lower Permian fauna of the northern Ural region.  
*Trudy Paleontologiceskogo Instituta Akademiyi Nauk SSSR*, 62, 5–50.
- 252 Sequeira, S.E.K. (1998). The cranial morphology and taxonomy of the saurerpetontid  
Isodectes obtusus comb. nov. (Amphibia: Temnospondyli) from the Lower Permian of  
Texas. *Zool. J. Linn. Soc-lond.*, 122, 237–259.
- 253 Baez, A.M. *et al.* (2000). The earliest known pipoid frog from South America: a new genus  
from the middle Cretaceous of Argentina. *J. Vertebr. Paleontol.*, 20, 490–500.
- 254 Glienke, S. (2015). Two new species of the genus Batropetes (Tetrapoda, Lepospondyli)  
from the Central European Rotliegend (basal Permian) in Germany. *J. Vertebr. Paleontol.*,  
35, e918041.
- 256 Carroll, R.L. (1990). A tiny Microsaur from the lower Permian of Texas: size constrains in  
palaeozoic tetrapods Quasicaecilia texana. *Palaeontology*, 33.
- 257 Carlson, K.J. (1999). Crossotelos, an Early Permian nectridian amphibian. *J. Vertebr.  
Paleontol.*, 19, 623–631.
- 258 Moodie, R. (1909). A contribution to a monograph of the extinct Amphibia of North

- America. New forms from the Carboniferous. *J. Geol.*, 17, 38–82.
- 260 Olson, E.C. (1953). Integrating Factors in Amphibian Skulls. *J. Geol.*, 61, 557–568.
- 262 Szostakiwskyj, M. *et al.* (2015). Micro-CT study of *Rhynchonkos stovalli* (Lepospondyli, Recumbirostra), with description of two new genera. *PloS one*, 10, e0127307.
- 263 Daly, E. (1973). A Lower Permian Vertebrate Fauna from Southern Oklahoma. *J. Paleontol.*, 47, 562–589s.
- 264 Bolt, J.R. & Wassersug, R.J. (1975). Functional morphology of the skull in *Lysorophus*: a snake-like Paleozoic amphibian (Lepospondyli). *Paleobiology*, 1, 320–332.
- 266 Gardner, J.D. (1999). New albanerpetontid amphibians from the albian to Coniacian of Utah, Usa—Bridging the gap. *J. Vertebr. Paleontol.*, 19, 632–638.
- 267 Sweetman, S. & Gardner, J. (2012). A new albanerpetontid amphibian from the Barremian (Early Cretaceous) Wessex Formation of the Isle of Wight, southern England. *Acta Palaeontol. Pol.*, 58, 295–324.
- 269 Williston, S.W. (1913). *Ostodolepis Brevispinatus*, a new reptile from the Permian of Texas. *J. Geol.*, 21, 363–366.
- 270 Carroll, R.L. & Gaskill, P. (1978). *Pelodosotis elongatum*. In: *The order microsauria*. pp. 78–87.
- 271 Taylor, P. & Rogers, J.V. (2003). A new aïstopod (Tetrapoda: Lepospondyli) from Mazon Creek, Illinois. *J. Vertebr. Paleontol.*, 23, 79–88.
- 272 Milner, A.C. (1993). The aïstopod amphibian from the Viséan of East Kirkton, West Lothian, Scotland. *T. Rse. Earth*, 84, 363–368.
- 273 Meszoely, C.A.M. & Špinar, Z.V. (1984). A New Palaeobatrachid Frog from the Eocene of the British Isles. *J. Vertebr. Paleontol.*, 3, 143–147.
- 274 Henrici, A.C. & Haynes, S.R. (2006). *Elkobatrachus Brocki*, a new pelobatid (Amphibia: Anura) from the Eocene Elko Formation of Nevada. *Ann. Carnegie Mus.*, 75, 11–35.
- 275 Shishkin, M. a (2000). Mesozoic amphibians from Mongolia and the Centra Asiatic republics. In: *The age of dinosaurs in russia and mongolia* (ed. Benton, M.J.). Cambridge University Press, N.Y., pp. 297–308.
- 276 Gao, K.-Q. & Chen, S. (2004). A new frog (Amphibia: Anura) from the Lower Cretaceous of western Liaoning, China. *Cretaceous Res.*, 25, 761–769.
- 277 Estes, R. & Sanchíz, B. (1982). New discoglossid and palaeobatrachid frogs from the Late Cretaceous of Wyoming and Montana, and a review of other frogs from the Lance and Hell Creek. *J. Vertebr. Paleontol.*, 2, 9–20.
- 278 Báez, A.M. *et al.* (2012). The diverse Cretaceous neobatrachian fauna of South America: *Uberabatrachus carvalhoi*, a new frog from the Maastrichtian Mar??lia Formation, Minas Gerais, Brazil. *Gondwana Res.*, 22, 1141–1150.

- 279 Trueb, L. *et al.* (2005). A new pipoid anuran from the Late Cretaceous of South Africa. *J. Vertebr. Paleontol.*, 25, 533–547.
- 280 Skutschas, P.P. (2013). Mesozoic salamanders and albanerpetontids of Middle Asia, Kazakhstan, and Siberia. *Palaeobiodivers. Palaeoenviron.*, 93, 441–457.
- 281 Naylor, B.G. & Fox, R.C. (1993). A new Ambystomatid salamander, *Dicamptodon antiquus* n.sp., from the Paleocene of Alberta, Canada. *Can. J. Earth Sci.*, 30, 814–818.
- 282 Skutschas, P.P. (2009). Re-evaluation of *Mynbulakia* Nesov, 1981 (Lissamphibia: Caudata) and description of a new salamander genus from the Late Cretaceous of Uzbekistan. *J. Vertebr. Paleontol.*, 29, 659–664.
- 283 Evans, S.E. *et al.* (2005). A Late Jurassic salamander (Amphibia: Caudata) from the Morrison Formation of North America. *Zool. J. Linn. Soc-Lond.*, 143, 599–616.
- 284 Skutschas, P. & Martin, T. (2011). Cranial anatomy of the stem salamander *Kokartus honorarius* (Amphibia: Caudata) from the Middle Jurassic of Kyrgyzstan. *Zool. J. Linn. Soc-Lond.*, 161, 816–838.
- 285 WANG, Y. (2004). A new Mesozoic caudate (*Liaoxitriton daohugouensis* sp. nov.) from Inner Mongolia, China. *Chinese Sci. Bull.*, 49, 858.
- 286 Rieppel, O. & Grande, L. (1998). A well-preserved fossil amphiumid (Lissamphibia: Caudata) from the Eocene Green River Formation of Wyoming. *J. Vertebr. Paleontol.*, 18, 700–708.
- 287 Sidor, C.A. *et al.* (2014). A new capitosauroid temnospondyl from the Middle Triassic upper Fremouw Formation of Antarctica. *J. Vertebr. Paleontol.*, 34, 539–548.
- 288 Damiani, R.J. & Jeannot, A.M. (2002). A brachyopid temnospondyl from the Lower Cynognathus Assemblage Zone in the Northern Karoo Basin, South Africa. *Palaeontologia Africana*, 69, 57–69.
- 289 Warren, A. & Marsicano, C. (1998). Revision of the Brachyopidae (Temnospondyli) from the Triassic of the Sydney, Carnarvon and Tasmania Basins, Australia. *Alcheringa*, 22, 329–342.
- 290 Warren, A. *et al.* (2011). Tupilakosaur-like vertebrae in *Bothriceps australis*, an Australian brachyopid stereospondyl. *J. Vertebr. Paleontol.*, 31, 738–753.
- 291 Sues, H.-D. & Schoch, R.R. (2013). Anatomy and phylogenetic relationships of *Calamops paludosus* (Temnospondyli, Stereospondyli) from the Triassic of the Newark Basin, Pennsylvania. *J. Vertebr. Paleontol.*, 33, 1061–1070.
- 292 Fortuny, J. *et al.* (2011). A New Capitosaur from the Middle Triassic of Spain and the Relationships within the Capitosauria. *Acta Palaeontol. Pol.*, 56, 553–566.
- 293 Warren, A.A. *et al.* (2006). The South African stereospondyl *Lydekkerina huxleyi* (Tetrapoda, Temnospondyli) from the Lower Triassic of Australia. *Geol. Mag.*, 143, 877.

- 294 Welles, S.P. (1994). A review of the lonchorhynchine trematosauroids (Labyrinthodontia), and a description of a new genus and species from the Lower Moenkopi Formation of Arizona. *PaleoBios*, 14, 1–24.
- 295 Maisch, M.W. & Matzke, A.T. (2005). Temnospondyl amphibians from the Jurassic of the Southern Junggar Basin (NW China). *Paläont. Z.*, 79, 285–301.
- 297 Damiani, R.J. & Hancox, P.J. (2003). New mastodonsaurid temnospondyls from the Cynognathus Assemblage Zone (Upper Beaufort Group; Karoo Basin) of South Africa. *J. Vertebr. Paleontol.*, 23, 54–66.
- 298 Sidor, C.A. *et al.* (2008). A new Triassic temnospondyl from Antarctica and a review of Fremouw Formation biostratigraphy. *J. Vertebr. Paleontol.*, 28, 656–663.
- 299 Milner, A.R. *et al.* (1990). Vertebrates from the Middle Triassic Otter Sandstone Formation of Devon.
- 300 Yates, A.M. & Sengupta, D.P. (2002). A lapilopsid temnospondyli from the Early Triassic of India. *Alcheringa*, 26, 201–208.
- 301 Sulej, T. (2002). Species discrimination of the Late Triassic temnospondyl amphibian *Metoposaurus diagnosticus* Comparison of European and North American metoposauroids. *Acta Palaeontol. Pol.*, 47, 535–546.
- 302 Warren, A. (2012). The South African stereospondyl *Microposaurus* from the Middle Triassic of the Sydney Basin, Australia. *J. Vertebr. Paleontol.*, 32, 538–544.
- 303 Shishkin, M.A. & Welman, J. (1994). A new find of *Trematosuchus* (Amphibia, Temnospondyli) from the Cynognathus Zone of South Africa. *Palaeontologia Africana*, 31, 39–49.
- 304 Berman, D.S. *et al.* (2011). *Rotaryus gothae*, a new Trematopid (Temnospondyli: Dissorophoidea) from the Lower Permian of central Germany. *Ann. Carnegie Mus.*, 80, 49–65.
- 305 Bourget, H. & Anderson, J.S. (2011). A new amphibamid (Temnospondyli: Dissorophoidea) from the Early Permian of Texas. *J. Vertebr. Paleontol.*, 31, 32–49.
- 306 Credner, H. (1893). Die Stegocephalen und Saurier aus dem Rothliegenden des Plauen'schen Grundes bei Dresden. *Zeitschrift der Deutschen Geologischen Gesellschaft*, 45, 639–704.
- 307 Fröbisch, N.B. & Reisz, R.R. (2008). A new Lower Permian amphibamid (Dissorophoidea, Temnospondyli) from the fissure fill deposits near Richards Spur, Oklahoma. *J. Vertebr. Paleontol.*, 28, 1015–1030.
- 308 Fröbisch, N.B. & Reisz, R.R. (2008). A new Lower Permian amphibamid (Dissorophoidea, Temnospondyli) from the fissure fill deposits near Richards Spur, Oklahoma. *J. Vertebr. Paleontol.*, 28, 1015–1030.

- 309 Gubin, Y.M. (1984). On the systematic position of the intasuchids. *Paleontolog. J.*, 2, 118–120.
- 310 Gubin, Y.M. (1997). Skull morphology of Archegosaurus decheni Goldfuss (Amphibia, Temnospondyli) from the Early Permian of Germany. *Alcheringa*, 21, 103–121.
- 311 Gubin, Y.M. (2004). A new dvinosaur (Amphibia, Temnospondyli) from the Upper Tatarian of the Middle Volga Region. *Paleontol. J.*, 38, 190–199.
- 312 Konzhukova, Y.D. (1955). Permian and Triassic labyrinthodonts of the Volga River basin and Ural regions. *Materialy po permskim i triasovym nazemnym pozvonochnym SSSR [Materials on the Permian and Triassic Land Vertebrates of the USSR]*, 49, 89–157.
- 313 Milner, A.R. & Schoch, R.R. (2013). Trimerorhachis (Amphibia: Temnospondyli) from the Lower Permian of Texas and New Mexico: cranial osteology, taxonomy and biostratigraphy. *Neues Jahrbuch für Geologie und Paläontologie*, 270, 91/128.
- 314 Milner, A.R. & Sequeira, S.E.K. (2004). *Slaughenhopia texensis* (Amphibia: Temnospondyli) from the Permian of Texas is a primitive tupilakosaurid. *J. Vertebr. Paleontol.*, 24, 320–325.
- 315 Steyer, J.-S. *et al.* (2006). The vertebrate fauna of the Upper Permian of Niger. IV. Nigerpeton ricqlesi (Temnospondyli: Cochleosauridae), and the edopoid colonization of Gondwana. *J. Vertebr. Paleontol.*, 26, 18–28.
- 316 Sumida, S.S. *et al.* (1998). A new trematopid amphibian from the Lower Permian of central Germany. *Palaeontology*, 41, 605–630.
- 317 Werneburg, R. (1988). Die Amphibienfauna der Oberhöfer Schichten (Unterrotliegendes, Unterperm) des Thüringer Waldes. *Naturhistorisches Museum Schloss Bertholdsburg, Schleusingen, Veröffentlichungen*, 3, 2–27.
- 318 Werneburg, R. (2012). Dissorophoide Amphibien aus dem Westphalian D (Ober-Karbon) von Nýrany in Böhmen (Tschechische Republik) – der Schlüssel zum Verständnis der frühen ‚Branchiosaurier‘. *Semana (Naturwissenschaftliche Veröffentlichungen NHM Schleusingen)*, 27, 3–50.