

Doplňující literatura k nejzávažnějším problémům evoluce obratlovců

- Allin, E. F. (1975): Evolution of the mammalian middle ear. — *J. Morph.* **147**: 403—438.
- Allis, E. P. (1938): Concerning the development of the prechordal portion of the vertebrate head. — *J. Anat.* **72**: 584—607.
- Atz, J. W. (1952): Narial breathing in fishes and the evolution of internal nares. — *Q. Rev. Biol.* **27**: 365—377.
- Baird, I. L. (1974): Some aspects of the comparative anatomy and evolution of the inner ear in submammalian vertebrates. — *Brain, Behav. Evol.* **10**: 11—36.
- Balfour, F. M. (1881): On the development of the skeleton of the paired fins of Elasmobranchii, considered in relation to its bearings on the nature of the limbs of the Vertebrata. — *Proc. Zool. Soc., Lond.* 1881: 656—671.
- Balinsky, B. I. (1935): Experimentelle Extremitäteninduktion und die Theorien des phylogenetischen Ursprungs der paarigen Extremitäten der Wirbeltiere. — *Anat. Anz.* **80**: 136—142.
- Bateson, W. (1886): The ancestry of the Chordata. — *Q. J. Micr. Sci.* **26**: 535—571.
- de Beer, G. R. (1937): The development of the vertebrate skull. — Oxford University Press, Oxford.
- de Beer, G. R. (1951): Embryos and Ancestors. — Clarendon, Oxford.
- Berrill, N. J. (1955): The origin of vertebrates. — Clarendon, Oxford.
- Bertmar, G. (1968): Phylogeny and evolution in lungfishes. — *Acta zool., Stockh.* **49**: 189—201.
- Bertmar, G. (1969): The vertebrate nose, remarks on its structural and functional adaptation and evolution. — *Evolution, Lancaster, Pa.* **23**: 131—152.
- Bjerring, H. C. (1977): A contribution to structural analysis of the head of craniate animals. — *Zool. Scr.* **6**: 127—183.
- Bolt, J. R. (1969): Lissamphibian origins: possible protolissamphibian from the Lower Permian of Oklahoma. — *Science, N. Y.* **166**: 888—891.
- Bone, Q. (1960): The origin of the Chordates. — *J. Linn. Soc. London* **44**: 252—269.
- Bone, Q. (1972): The origin of Chordates. — *Oxford Biology Readers* **18**: 1—16.
- Borovanský, L. et al. (1976): Soustavná anatomie člověka I a II. — Avicenum, Praha.
- Broad, D. S. a Dineley, D. L. (1973): *Torpedaspis*, a new Upper Silurian and Lower Devonian genus of Cyathaspididae (Ostracodermi) from Arctic Canada. — *Bull. Geol. Surv. Can.* **222**: 53—82.
- Broman, I. (1899): Die Entwicklungsgeschichte der Gehörknöchelchen beim Menschen. — *Arb. anat. Inst., Wiessbaden (Anatomische Hefte)* **11**: 509—661.
- Carr, A. (1968): Krybdyr. — *Artia, Praha*.
- Carroll, R. L. (1969): Problems of the origin of reptiles. — *Biol. Rev.* **44**: 393—432.

- Carroll, R. L. (1970): The ancestry of reptiles. — Phil. Trans. R. Soc. (B) **257**: 267—308.
- Carroll, L. R. a Gaskillová, P. (1978): The order Microsauria. — Mém. Am. Phil. Soc., **126**: 1-211.
- Clark, G. (1973): Prehistorie světa. — Orbis, Praha.
- Čihák, R. (1972): Ontogenesis of the Skeleton and Intrinsic muscles of the Human Hand and Foot. — Advances Anat., Embryol. Cell Biol. **46**: 1—194.
- Dawson, T. J. (1972): Primitive Mammals and Patterns in the Evolution of Thermoregulation. — In: Bligh, J. a Moore, R. E.: Essays on Temperature Regulation, str. 1—18. North-Holland Publ. Comp.
- Delsman, H. C. (1913): Der Ursprung der Vertebraten. Eine neue Theorie. — Mitth. Zool. Stat. Neapel **20**: 647—710.
- Delsman, H. C. (1921): The ancestry of vertebrates as a means of understanding the principal features of their structure and development. — Natuurk. Tijdschr. Nederl.-Indie **81**: 187—286.
- Denison, R. H. (1966): The origin of the lateral-line sensory system.. — Am. Zool. **6**: 369—370.
- Denison, R. H. (1968): The evolutionary significance of the earliest known lungfish, *Uranolophus*. — In: Ørvig, T.: Current Problems of lower vertebrate Phylogeny, str. 247—257. Almquist a Wiksell, Stockholm.
- Denison, R. H. (1971): The origin of the vertebrates: a critical evaluation of current theories. — Proc. N. Am. Paleont. Conv. **H**: 1132—1146.
- Denison, R. H. (1974): The structure and evolution of teeth in lungfishes. — Fieldiana, Geol. **33**: 31—58.
- Denison, R. H. (1975): Evolution and classification of placoderm fishes. — Brevisoria **432**: 1—24.
- Devillers, C. (1954): Structure et evolution de la colonne vertébrale. — In: Grassé, P. P.: Traité de Zoologie 12, str. 605— 672. Masson, Paris.
- Devillers, C. (1954): Origine et evolution des nageoires et des membres. — In: Grassé, P. P.: Traité de Zoologie 12, str. 710—790. Masson, Paris.
- Devillers, C. (1961): Origine de l'oreille des Mammifères. In: Piveteau, J.: Traité de Paléontologie **6**: 371—407. Masson, Paris.
- Dohrn, A. (1876): Der Ursprung der Wirbeltiere und das Princip des Funktionswechsel. — Engelmann, Leipzig.
- Drvota, S. (1979): Od zvířete k člověku. — Panorama, Praha.
- Duke-Elder, W. S. (1958): The eye in evolution. — In: Duke-Elder, W. S.: System of ophthalmology 1, str. 1—843. Henry Kimpton, London.
- Dziallas, P. (1954): Zur Entwicklung des menschlichen Schädeldaches. — Anat. Anz. **100**: 236—242.
- Eakin, R. M. (1973): The third eye. — University of California Press, Berkeley.
- Edmund, A. G. (1969): Dentition. — In: Gans, C.: Biology of the Reptilia. Vol. 1, Morphology A. Academic Press, London a New York.
- Estes, R. a Reig, O. A. (1973): The early fossil record of frogs. A review of the evidence. — In: Vial, J. L.: Evolutionary biology of the anurans, str. 11—63. University of Missouri Press, Columbia.
- Flood, P. R. (1975): Fine structure of the notochord of amphioxus. — Symp. Zool. Soc. London **36**: 81—104.
- Flood, P. R., Guthrie, D. M. a Banks, J. R. (1969): Paramyosin muscle in the notochord of Amphioxus. — Nature **222**: 87—88.

- Frick, H. a Starck, D. (1963): Vom Reptil- zum Säugerschädel. — Z. Säugetierk. **28**: 321—341.
- Fuchs, H. (1905): Herkunft und Entwicklung der Gehörknöchelchen. — Arch. Anat. Physiol. Suppl.: 1—176.
- Gadow, H. F. (1933): The evolution of the vertebral column. — Cambridge University Press, Cambridge.
- Gans, C. a Northcutt, R. G. (1983): Neural Crest and the Origin of Vertebrates: A New Head. — Science **220**: 268—274.
- Garstang, W. (1894): Preliminary note on a new theory of the phylogeny of the Chordata. — Zool. Anz. **17**: 122—125.
- Garstang, W. (1928): The morphology of the Tunicata, and its bearing on the phylogeny of the Chordata. — Q. J. Micr. Sci. **72**: 51—187.
- Gaskell, W. H. (1908): The origin of Vertebrates. — Longmans Green, London.
- Gaskell, W. H. (1910): Origin of the vertebrates. — Proc. Linn. Soc. Lond. **122**: 9—50.
- Gaupp, E. (1913): Die Reichertsche Theorie. — Arch. Anat. Physiol. 1912; Suppl.: 1—416.
- Gegenbaur, C. (1872): Untersuchungen zur vergleichenden Anatomie der Wirbelthiere. 3. Das Kopfskelet der Selachier, ein Beitrag zur Erkenntniss der Genese des Kopfskelets der Wirbelthiere. — Wilhelm Engelmann, Leipzig.
- Gegenbaur, C. (1872): Über das Archipterygium. — Jena Z. Naturw. **7**: 131—141.
- Gegenbaur, C. (1887): Die Metamerie des Kopfes und die Wirbeltheorie des Kopfskeletes, im Lichte der neueren Untersuchungen betrachtet und geprüft. — Morph. Jb. **13**: 1—114.
- Genet-Varcin, E. (1969): A la recherche du Primate ancêtre de l'homme. — Boubée, Paris.
- Gislén, T. (1930): Affinities between the Echinodermata, Enteropneusta, and Chordonia. — Zool. Bidr. Upps. **12**: 199—204.
- Goodrich, E. S. (1958): Studies on the structure and development of vertebrates. — Dover Publ. Inc., New York.
- Gregory, W. K. (1915): Present status of the problem of the origin of the Tetrapoda, with special reference to the skull and paired limbs. — Ann. N. Y. Acad. Sci. **26**: 317—383.
- Gregory, W. K. (1933): Fish skulls: A study of the evolution of natural mechanisms. — Trans. Am. phil. Soc. **23**: 75—481.
- Gregory, W. K. (1951): Evolution emerging. — Macmillan, New York.
- Gregory, W. K. a Raven, H. C. (1941): Studies on the origin and early evolution of paired fins and limbs. — Ann. N. Y. Acad. Sci. **42**: 273—360.
- Grobbe, K. (1908): Die systematische Einteilung des Tierreiches. — Verh. Zool. Bot. Ges. Wien **58**: 491—511.
- Gross, W. (1954): Zur Phylogenie des Schultergürtels. — Paläont. Z. **28**: 20—40.
- Gutmann, W. F. (1969): Die Entstehung des Vertebraten-Kopfes, ein phylogenetisches Modell. — Senckenb. biol. **50**: 433—471.
- Halstead, L. B. (1969): The pattern of vertebrate evolution. — Oliver a Boyd, Edinburgh.
- Heilmann, G. (1926): The origin of birds. — Appleton-Century, New York.
- Hennig, W. (1966): Phylogenetic Systematics. — University of Illinois Press, Chicago a London.
- Heyler, D. (1969): Acanthodii. — In: Piveteau, J.: Traité de Paléontologie **4**, str. 21—70. Masson, Paris.

- Holmgren, N. (1933): On the origin of the tetrapod limb. — Acta zool., Stockh. **14**: 186—295.
- Holmgren, N. (1939): Contribution to the question of the origin of the tetrapod limb. — Acta zool., Stockh. **20**: 89—124.
- Holmgren, N. (1949): On the tetrapod limb problem — again. — Acta zool., Stockh. **30**: 485—508.
- Hopson, J. A. (1966): The origin of the mammalian middle ear. — Am. Zool. **6**: 437—450.
- Houša, V. (1980): Základy taxonomie pro zoopaleontology. — SPN Praha.
- Hulbert A. J. (1980): Evolution from ectothermia towards endothermia. — In: Szelényi, Z. a Székely, M.: Contributions to Thermal Physiology. Pergamon Press, Académiai Kiadó, Budapest.
- Huxley, T. H. (1858): On the theory of the vertebrate skull. — Proc. R. Soc. Lond. **9**: 381—433.
- Charvát, J. (1973): Život, adaptace, stres. — Avicenum, Praha.
- Charvát, J. (1974): Člověk a jeho svět. — Avicenum, Praha.
- Jägersten, G. (1972): Evolution of the metazoan life cycle. — Academic Press, London a New York.
- Janský, L. a Novotný, I. (1981): Fyziologie živočichů a člověka. — Avicenum, Praha.
- Jarvik, E. (1942): On the structure of the snout of crossopterygians and lower gnathostomes in general. — Zool. Bidr. Upps. **21**: 235—675.
- Jarvik, E. (1952): On the fish-like tail in the ichthyostegid stegocephalians with descriptions of a new stegocephalian and a new crossopterygian from the Upper Devonian of East Greenland. — Meddr. Grønland **114**: 1—90.
- Jarvik, E. (1954): On the visceral skeleton in *Eusthenopteron* with a discussion of the parasphenoid and palatoquadrate in fishes. — K. svenska VetenskAkad. Handl. **5**: 1—104.
- Jarvik, E. (1963): The composition of the intermandibular division of the head in fish and tetrapods and the diphyletic origin of the tetrapod tongue. — K. svenska VetenskAkad. Handl. **9**: 1—74.
- Jarvik, E. (1965): On the origin of girdles and paired fins. — Israel J. Zool. **14**: 141—172.
- Jarvik, E. (1967): The homologies of frontal and parietal bones in fishes and tetrapods. — Colloques Int. Cent. Natn. Rech. Scient. **163**: 181—213.
- Jarvik, E. (1980): Basic Structure and Evolution of Vertebrates. I a II. — Academic Press, London a New York.
- Jefferies, R. P. S. (1968): The subphyllum Calcichordata (Jefferies 1967) primitive fossil chordates with echinoderm affinities. — Bull. Brit. Mus. (Nat. Hist.), Geol. **16**: 243—339.
- Jefferies, R. P. S. (1975): Fossil evidence concerning the origin of the chordates. — Symp. Zool. Soc. Lond. 1975, **36**: 253—318.
- Jefferies, R. P. S. (1980): Zur Fossilgeschichte des Ursprungs der Chordaten und der Echinodermen. — Zool. Jb. Anat. **103**: 285—353.
- Jefferies, R. P. S. a Lewis, D. N. (1978): The English Silurian fossil *Placocystites forbesianus* and the ancestry of the vertebrates. — Phil. Trans. R. Soc. Lond. **282**: 205—323.
- Jollie, M. (1973): The origin of the chordates. — Acta zool., Stockh. **54**: 81—100.
- Jollie, M. (1977): Segmentation of the vertebrate head. — Am. Zool. **17**: 323—333.

- Jollie, M. (1977): The origin of the vertebrate brain. — *Ann. N. Y. Acad. Sci.* **299**: 74—86.
- Kiaer, J. (1932): The Downtonian and Devonian vertebrates of Spitsbergen. IV. Suborder Cyathaspida. — *Skr. Svalb. Ish.* **52**: 1—26.
- Kingsbury, B. F. (1926): Branchiomerism and the theory of head segmentation. — *J. morph.* **42**: 83—109.
- Košťíř, J. (1965): *Chemie a fyzika živých soustav*. — St. zdrav. nakl., Praha.
- Kowalevski, A. (1867): *Entwicklungsgeschichte der einfachen Ascidien*. — *Mém. Acad. Imp. Sci. St.-Peterb.* **7**: 1—19.
- Kowalevski, A. (1871): Weitere Studien über die Entwicklung der einfachen Ascidien. *Arch. Mikr. Anat.* **7**: 101—130.
- Lebedkina, N. S. (1979): *Evolucija čerepa amfibij*. — Nauka, Moskva.
- Lehman, J.-P. (1959): *L'évolution des vertébrés inférieurs*. — Dunod, Paris.
- Lillegraven, J. A. (1976): Biological considerations of the marsupial-placental dichotomy. — *Evolution*, Lancaster, Pa. **29**: 707—722.
- Lombard, R. E. a Bolt, J. R. (1979): Evolution of the tetrapod ear: an analysis and reinterpretation. — *Biol. J. Linnean Soc. London* **11**: 19—76.
- Løvtrup, S. (1977): *The phylogeny of vertebrata*. — Wiley, London.
- McFarland, W. N. et al. (1979): *Vertebrate Life*. — Macmillan, New York.
- Mazák, V. (1977): *Jak vznikl člověk*. — Práce, Praha.
- Melton, W. a Scott, H. W. (1973): Conodont-bearing animals from the Bear Gulch-limestone, Montana. — *Geol. Soc. Am. Spec. Pap.* **141**: 31—65.
- Minot, C. S. (1897): Cephalic homologies: a contribution to the determination of the ancestry of vertebrates. — *Am. Nat.* **31**: 927—943.
- Moss, M. L. (1968): The origin of vertebrate calcified tissues. — In: Ørvig, T.: *Current Problems of lower Vertebrate Phylogeny*, str. 359—371. Almqvist a Wiksell, Stockholm.
- Moy-Thomas, J. A. a Miles, R. S. (1971): *Palaeozoic fishes*. — Chapman and Hall, London.
- Müller, F. (1968): Zur Phylogenese des sekundären Kiefergelenks. — *Rev. suisse Zool.* **75**: 373—414.
- Nieuwkoop, P. D. a Sutasurya, J. A. (1976): Embryological evidence for a possible polyphyletic origin of the Recent amphibians. — *J. Embryol. exp. Morph.* **35**: 159—167.
- Northcutt, R. G. a Gans, C. (1983): The genesis of neural crest and epidermal placodes: a reinterpretation of vertebrate origins. — *Quart. Rev. Biol.* **58**: 1—28.
- Novák, V. a kol. (1969): *Historický vývoj organismů*. — Academia, Praha.
- Novák, V. (1975): Das Prinzip der Sociabilität als eines der Hauptprinzipien der Evolution der Organismen. — *Nova Acta Leopold.*, N. F. **42**: 475—488.
- Novák, V. (1981): Synergism of the main developmental factors in the evolution of man. — *Anthropologie* **19**: 199—201.
- Novák, V. (1982): *The Principle of Sociogenesis*. — Academia, Praha.
- Novák, V. (1982): *The Principle of Sociogenesis and the Future of Mankind*. — *Man and his origins. Anthropos (Brno)* **21**: 13—21.
- Novák, V. (1983): Neoteny as one of the general laws of evolution. — In: Novák, V. a Zemek, K.: *General questions of evolutions*, str. 329—345. ČSAV Praha.
- Novák, V. (1983): Evolutionary model of species and the systematics of the family Hominidae I — General considerations. — *Anthropologie* **21**: 1—5.

- Novák, V. (1983): The interrelationship between natural selection and sociogenesis in human evolution. — *Anthropologie* 21: 37—43.
- Nursall, J. R. (1962): On the origin of the major groups of animals. — *Evolution*, Lancaster, Pa 16: 118—123.
- Ostrom, J. H. (1975): The origin of birds. — *Rev. of Earth and Planetary Sci.* 3: 55—77.
- Ostrom, J. H. (1976): Some hypothetical anatomical stages in the evolution of avian flight. — *Coll. Papers in Avian Paleontology*.
- Ørvig, T. (1967): Phylogeny of tooth tissues: evolution of some calcified tissues in early vertebrates. — In: Miles, A. E. W.: *Structural and chemical organization of teeth*, str. 45—110. Academic Press, New York a London.
- Panchen, A. L. (1967): The homologies of the labyrinthodont centrum. — *Evolution* 21: 24—33.
- Panchen, A. L. (1977): The origin and early evolution of tetrapod vertebrae. — In: Andrews, S. M. et al.: *Problems in vertebrate evolution*, str. 289—318. Academic Press, London.
- Patten, W. (1912): *The evolution of the vertebrates and their kin*. — Churchill, London.
- Patterson, F. (1978): Conversations with a gorilla. — *Nat. Geogr. Mag.* 154: 438—465.
- Parson, P. a Philpott, D. E. (1969): The nature and significance of invertebrate cartilages. — *Biol. Rev.* 44: 1—16.
- Peyer, B. (1968): *Comparative odontology*. — Univ. Chicago Press, Chicago a London.
- Piveteau, J. (1937): Un amphibien du Trias inférieur, Essai sur l'origine et l'évolution des amphibiens anoures. — *Annals Paléont.* 26: 135—177.
- Radinsky, L. (1981): Primate brain evolution. — In: Skinner, B. J.: *Paleontology and Paleoenvironments*, str. 183—190. Kaufmann, Los Altos, California.
- Raw, F. (1960): Outline of a theory of origin of the vertebrate. — *J. Paleont.* 34: 497—539.
- Reichert, C. (1837): Über die Visceralbogen der Wirbeltiere im allgemeinen und deren Metamorphosen bei den Vögeln und Säugetieren. — *Arch. Anat. Physiol.* 1837: 120—222.
- Remane, A., Storch, V. a Welsch, V. (1976): *Systematische Zoologie*. — VEB Gustav Fischer, Jena.
- Repetski, J. E. (1978): A fish from the Upper Cambrian of North America. — *Science*, N. Y. 200: 529—531.
- Ricqlés, A. J. (1974): Evolution of Endothermy: Histological Evidence. — *Evol. Theory* 1: 51—90.
- Roček, Z. (1979): Původ ptáků a vznik ptačího letu. — *Vesmír* 56: 232—234.
- Roček, Z. (1979): Z jakých předků vznikli strunatci? — *Vesmír* 58: 143—145.
- Roček, Z. (1980): Cranial anatomy of frogs of the family Pelobatidae Stannius, 1856, with outlines of their phylogeny and systematics. — *Acta Univ. Carol., Biol.* (1981): 1—164.
- Roček, Z. (1982): Nejstarší obratlovci. — *Vesmír* 61: 82—84.
- Romer, A. S. (1947): Review of the Labyrinthodontia. — *Bull. Mus. Comp. Zool. Harv.* 99: 7—368.
- Romer, A. S. (1956): *Osteology of Reptiles*. — Univ. Press. Chicago.
- Romer, A. S. (1966): *Vertebrate paleontology*. — Univ. Press, Chicago.
- Romer, A. S. (1970): *The vertebrate body*. — Saunders, Philadelphia.

- Säve-Söderbergh, G. (1932): Preliminary note on Devonian stegocephalians from East Greenland. — *Meddr Grønland* **94**: 1—107.
- Schaeffer, B. (1969): Adaptive radiation of the fishes and the fish-amphibian transition. — *Ann. N. Y. Acad. Sci.* **167**: 5—17.
- Schmalhausen, J. J. (1964): Proischožděníje nazemných pozvonočných. — Nauka, Moskva.
- Sigmund, L. (1982): Organologie obratlovců. Stavba a evoluce. — SPN Praha.
- Sillman, R. L. (1960): The origin of the vertebrates. — *J. Paleont.* **34**: 540—544.
- Singh. Roy, K. K. (1967): On Goethe's vertebral theory of origin of the skull, a recent approach. — *Anat. Anz.* **120**: 250—259.
- Simonnet, D. (1981): Origines de l'homme: la nouvelle polémique. — *L'Express* (17.—23. 1. 1981): 99—105.
- Slabý, O. (1962): Historie a dnešní stav názorů na původ a vývoj končetin obratlovců. — *Čs. morfol.* **10**: 372—390.
- Smith, A. M. (1960): Evolution of chordate structure. — Holt, Rinehart a Winston, New York, London.
- Smith, H. W. (1932): Water regulation and its evolution in the fishes. — *Q. Rev. Biol.* **7**: 1—26.
- Sondaar, P. Y. (1969): Some remarks on horse evolution and classification. *Z. Säugetierkunde* **34**: 307—311.
- Stahl, B. J. (1974): Vertebrate history: Problems in evolution. — McGraw-Hill, New York, London.
- Starck, D. (1979): Vergleichende Anatomie der Wirbeltiere II. — Springer, Berlin, Heidelberg, New York.
- Storer, R. W. (1960): Evolution in the diving birds. — *Int. ornith. Congr.* 1960: 694—707.
- Szarski, H. (1962): The origin of the Amphibia. — *Q. Rev. Biol.* **37**: 189—241.
- Szarski, H. et al. (1976): Anatomia porównawcza kręgowców. — Państwowe Wydawnictwo Naukowe, Warszawa.
- Šiškin, M. A. (1973): Morfologija drevnych zemnovodnych i problemy evoljucii nižšich tetrapod. — Nauka, Moskva.
- Špinar, Z. V. (1974): Nové názory na vznik plazů. — *Čas. min. geol.* **19**: 193—204.
- Špinar, Z. V. (1984): Paleontologie obratlovců. — Academia, Praha.
- Tarlo, L. B. (1960): The invertebrate origins of the vertebrates. — *Int. geol. Congr.* 21, Copenhagen 22: 113—122.
- Timofejev-Resovskij, N. V. Voroncov, N. N. a Jablokov, A. V. (1977): Kratkij očerk teorii evoljucii. — Nauka, Moskva.
- Torrey, T. W. a Feduccia, A. (1979): Morphogenesis of the Vertebrates. — John Wiley & Sons, New York a Toronto.
- White, T. D. (1982): Les Australopithèques. — *La Recherche*, **13**: 1258—1270.
- Wiley, E. O. (1981): Phylogenetics. The Theory and Practice of Phylogenetic Systematics. — John Wiley & Sons, New York.
- Willmer, E. N. (1975): The possible contribution of Nemertines to the problem of the phylogeny of the protochordates. — In: Barrington, E. J. W. a Jeffries, R. P. S.: Protochordates, str. 319—345. Academic Press, London.