

Publication List to 2020 – G.C. Young [194 items]

[# major monographs, edited books and volumes; *reviews, articles/abstracts, internal/confidential reports]

In Review

194. Zhu Y., Giles S., **Young G.**, Hu Y., Zhu M., Bazzi M., Ahlberg P. & Lu J. [In Review]. Endocast and bony labyrinth of a stem gnathostome shed light on the earliest diversification of jawed vertebrates. *Current Biology*.

2020

193. **Young GC** & Burrow, CJ 2020. Late Devonian antiarch remains (placoderm fish) from the Gilberton Formation, north Queensland. *Memoirs of the Queensland Museum – Nature* [in press]
192. **Young GC**, & Lu J. 2020. Asia-Gondwana connections indicated by Devonian fishes from Australia: palaeogeographic considerations. *Journal of Palaeogeography*. <https://doi.org/10.1186/s42501-020-00057-x>

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191. **Young GC**, Dunstone RL, Ollerenshaw PJ, Lu J & Crook B 2019. New information on the giant Devonian lobe-finned fish *Edenopteron* from the New South Wales south coast. *Australian Journal of Earth Sciences*. DOI: <https://doi.org/10.1080/08120099.2019.1651769>
190. Hu YZ, **Young, GC**, Lu, J. 2019. The Upper Devonian tetrapodomorph *Gogonasus andrewsae* Long 1985 from Western Australia: reconstruction of the shoulder girdle and operculum using X-ray micro-computed tomography. *Palaeoworld*. DOI: <https://doi.org/10.1016/j.palwor.2019.07.008>
189. Burrow CJ, Turner S, Trinajstic K & **Young GC** 2019. Late Silurian vertebrate microfossils from the Carnarvon Basin, Western Australia. *Alcheringa* DOI: <https://doi.org/10.1080/03115518.2019.1566496>
188. Dunstone RL & **Young GC** 2019. New Devonian plant fossil occurrences on the New South Wales south coast: geological implications. *Australian Journal of Earth Sciences*. DOI: <https://doi.org/10.1080/08120099.2018.1533495>
187. Hu YZ, **Young, GC**, Burrow, C, Zhu, YA, Lu, J, 2019. High resolution XCT scanning reveals complex morphology of gnathal elements in an Early Devonian arthrodire. *Palaeoworld* <https://doi.org/10.1016/j.palwor.2018.12.003>
186. Lu J, **Young GC**, Hu YZ, Qiao T, Zhu M, 2019. The posterior cranial portion of the earliest known Tetrapodomorph *Tungsenia paradoxa* and the early evolution of tetrapodomorph endocrania. *Vertebrata Palasiatica* . DOI: 10.19615/j.cnki.1000-3118.

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185. Clement AM, King B, Giles S, Choo B, Ahlberg PE, **Young GC**, Long JA. 2018. Neurocranial anatomy of an enigmatic Early Devonian fish sheds light on early osteichthyan evolution. *eLife* 2018;7:e34349. DOI: <https://doi.org/10.7554/eLife.34349>
184. King B, **Young GC**, Long JA. 2018 New information on *Brindabellaspis stensioi* Young, 1980, highlights morphological disparity in Early Devonian placoderms. *R. Soc. open sci.* **5**: 180094. <http://dx.doi.org/10.1098/rsos.180094>

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183. *Young G.C. 2017 [Obituary]. Kenton Stuart Wall Campbell (9 September 1927 – 17 June 2017). *Nomen Nudum* **37**, 16-30.
182. Hu, YZ, Lu, J & **Young G.C.** 2017. New findings in a 400 million-year-old Devonian placoderm shed light on jaw structure and function in basal gnathostomes. *Scientific Reports* **7**: 7813. doi:10.1038/s41598-017-07674-y

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181. Meyer-Berthaud, B., Decombeix, A.-L., Dunstone, R., Momant, N. Gerrienne, P. & **Young G.C.** 2016. *Tetraxylopteris* Beck emend. Hammond and Berry (2005), the first aneurophytalean genus recorded in Australia. *Review of Palaeobotany and Palynology* **224**, 54-65.
180. Burrow, C., Hu, Y., **Young, G.** 2016. Placoderms and the evolutionary origin of teeth: a comment on Rucklin & Donoghue (2015). *Biology Letters* **12**, 20160159 (<http://dx.doi.org/10.1098/rsbl.2016.0159>).

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179. Long J.A., Mark-Kurik E., Johanson Z., Lee M.S.Y., **Young G.C.**, Zhu Min, Ahlberg, P.E., Newman, M., Jones, R., den Blaauwen, J., Choo, B. & Trinajstic, K. 2014. Copulation in antiarch placoderms and the origin of gnathostome internal fertilisation. *Nature* **517**, 196-199. doi:10.1038/nature13825
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177. *Young G.C. 2015a. [Article] Elgin marbles of Australian palaeontology. *The Australian Geologist* **175**, 29-32.
176. *Young G.C. 2015b. [Article] Elgin marbles of Australian palaeontology – part 2. *The Australian Geologist* **176**, 19-23.
175. *YOUNG G.C. 2015c. [Report] *Post-Conference Field Trip [8-15th August 2015]: 13th International symposium on Early and Lower Vertebrates: Royal Society of Victoria, Melbourne Australia*. Excursion Guidebook, (79 pp., 32 figs).

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171. Young B., Dunstone R.L., Senden T.J., & **Young G.C.** 2013. A gigantic sarcopterygian (lobe-finned fish) from the Upper Devonian of south-eastern Australia (Eden, New South Wales). *PLOS ONE [Public Library of Science]* **8** (3), March 2013 e53871, pp. 1-30.
170. Trinajstić K., Sanche, S., Dupret V., Tafforeau P., Long J., **Young G.**, Senden T., Boisvert C., Power N. & Ahlberg P.E. 2013. Fossil musculature of the most primitive jawed vertebrates. *Science*, **341**, 160-164; DOI: 10.1126/science.1237275

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169. Burrow C. J., & **Young G.C.**, 2012. New information on *Culmacanthus* (Acanthodii: Diplacanthiformes) from the ?Early-Middle Devonian of southeastern Australia. *Proceedings of the Linnean Society of New South Wales* **134**: 21-29.
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164. #Zhu M. & **Young G.C.** 2010. [Editors] Special Issue: Middle Palaeozoic vertebrate biogeography, palaeogeography and climate (IGCP 491) *Palaeoworld* **19**, Issues 1-2 (205 pp.)
163. Young, G.C. 2010a. Placoderms (armored fish): dominant vertebrates of the Devonian Period. *Annual Review of Earth and Planetary Sciences* **38**, 523-550.
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160. Young G.C. 2010b. A new antiarch (placoderm fish: Devonian) from the south coast of New South Wales, Australia. pp. 85-100, In: Elliott, D.K., Maisey J.G., Yu X., & Miao D. eds. *Morphology, Phylogeny and Paleobiogeography of Fossil Fishes [in honor of Meemann Chang]*. Verlag Dr. Friedrich Pfeil, München, Germany.
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148. Burrow C.J., Hovestadt D.C., Hovestadt-Euler M., Turner S. & **Young G.C.** 2008. New information on the Devonian shark *Mcmurdodus*, based on material from western Queensland, Australia. *Acta Geologica Polonica* **58**: 151-159.
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136. Young G.C. 2005c. A new phyllolepid placoderm occurrence (Devonian fish) from the Dulcie Sandstone, Georgina Basin, central Australia. *Proceedings of the Linnean Society of New South Wales* **126**: 203-213.
135. Young G.C. 2005d. An articulated phyllolepid fish (Placodermi) from the Devonian of central Australia: implications for non-marine connections with the Old Red Sandstone continent. *Geological Magazine* **142**: 173-186.

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92. *Young G.C. 1999e. [Field/Lab Guide] Invertebrate fossils from the Permian of the NSW South Coast, southern Sydney Basin [Durras-Nowra]. 12 pp.
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85. Turner S. & **Young G.C.** 1997. Devonian vertebrate faunal response to eustatic sea-level changes in East Gondwana. *Courier Forschung.-Inst. Senckenberg*, **199**, 117-127.
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Includes following five items as chapters in above book:
82. Young G.C. 1996a. Introduction. pp. 3-5.
81. Young G.C. 1996b. Biochronology. pp. 12-17.
80. Young G.C. 1996c. Devonian (chart 4). pp. 96-109.
79. Young G.C. & Laurie J.R. 1996b. The Phanerozoic Timescale. pp. 6-11.
78. Young G.C. & Laurie J.R. 1996c. Numerical calibration of major Phanerozoic boundaries. pp. 52-59.
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