



中国地质大学（北京）科学研究院

# 求真研究群体年度研究成果

## （2018年）



**群体名称：**深时生命与环境演化

**群体成员：**张世红、史晓颖、李全国

杨天水、吴怀春、欧 强

王新强、邢立达、汤冬杰

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# 求真研究群体 2018 年度研究成果

## 2018 年度发表的全部第一作者或通讯作者国际 SCI 论文

【请用\*标注通讯作者，同时注明第一作者身份，只列出有页码的论文】

- 1) Bao, X., Zhang, S\*, Jiang, G., Wu, H., Li, H., Wang, X., An, Z., Yang, T., 2018. Cyclostratigraphic constraints on the duration of the Datangpo Formation and the onset age of the Nantuo (Marinoan) glaciation in South China. *Earth and Planetary Science Letters* 483, 52-63. (第一作者为群体博士)
- 2) Fang Q., Wu H\*, Linda A.H., Tian W., Wang X., Yang T., Li H., Zhang S., 2018. Abiotic and biotic responses to Milankovitch-forced megamonsoon and glacial cycles recorded in South China at the end of the Late Paleozoic Ice Age. *Global and Planetary Change* 163: 97-108. (第一作者为博士后)
- 3) Fang Q., Wu H\*, Wang X., Yang T., Li H., Zhang S., 2018. Astronomical cycles in the Serpukhovian–Moscovian (Carboniferous) marine sequence, South China and their implications for geochronology and icehouse dynamics. *Journal of Asian Earth Sciences* 156: 302-315. (第一作者为群体博士后)
- 4) Li Q\*, Clarke J.A., Gao K., Peteya J.A., Shawkey M.D\*, 2018. Elaborate plumage patterning in a Cretaceous bird. *PeerJ* 6: e5831. (第一作者为群体成员)
- 5) Li, P., Tang, D.\* , Shi, X.\* , Jiang, G., Zhao, X., Zhou, X., Wang, X., Chen, X., 2018. Sunspot cycles recorded in siliciclastic biolaminites at the dawn of the Neoproterozoic Sturtian glaciation in South China. *Precambrian Research* 315, 75-91. (第一作者为博士生)
- 6) Ma Y.M., Yang T.S.\* , Bian W.W., Jin J.J., Wang Q., Zhang S.H., Wu H.C., Li H.Y., Cao L.W., 2018. A stable southern margin of Asia during the Cretaceous: Paleomagnetic constraints on the Lhasa-Qiangtang collision and the maximum width of the Neo-Tethys. *Tectonics*, 37, <https://doi.org/10.1029/2018TC005143> (第一作者为博士生) .
- 7) Ou, Q.\* , Mayer, G. (2018) A Cambrian unarmoured lobopodian, †*Lenisambulatrix humboldti* gen. et sp. nov., compared with new material of †*Diania cactiformis*. *Sci. Rep.* 8, 13667. (第一作者为群体成员)

- 8) Tang, D., Shi, X.\*, Jiang, G., Wu, T., Ma, J., Zhou, X., 2018. Stratiform siderites from the Mesoproterozoic Xiamaling Formation in North China: Genesis and environmental implications. *Gondwana Research* 58, 1-15. (第一作者为群体成员)
- 9) Wang, X\*., Jiang, G\*., Shi, X\*., Peng, Y., Morales, D.C., 2018. Nitrogen isotope constraints on the early Ediacaran ocean redox structure. *Geochimica et Cosmochimica Acta* 240, 220-235. (第一作者为群体成员)
- 10) Xing, L.D\*., Klein, H., Qin Z.H., Persons, W.S.IV., Xu, X., 2018. Lower Cretaceous theropod tracks with the new ichnogenus and combination *Lockleypusluanpingensis* from the Dabeigou Formation of the Luanping Basin, Hebei Province, China. *Palaeoworld* 27: 482–489. (第一作者为群体成员)
- 11) Xing, L.D\*., Lockley, M.G., Klein, H., Zeng, R., Cai, S.F., Luo, X.C., Li, C. 2018. Theropod assemblages and a new ichnotaxon *Gigandipus chiappei* ichnosp. nov. from the Jiaguan Formation, Lower Cretaceous of Guizhou Province, China. *Geoscience Frontiers* 9: 1745–1754 (第一作者为群体成员)
- 12) Xing, L.D\*., Lockley, M.G., Romilio, A., Klein, H., Zhang, J.Q., Chen, H.Y., Zhang, J.J., Burns, M.E., Wang, X.L. 2018. Diverse sauropod-theropod-dominated track assemblage from the Lower Cretaceous Dasheng Group of Eastern China: Testing the use of drones in footprint documentation. *Cretaceous Research* 84: 588–599. (第一作者为群体成员)
- 13) Xing, L.D\*., Sames, B\*., Xi, D.P. McKellar, R.C., Bai, M., Wan, X.Q. 2018. A gigantic marine ostracod (Crustacea: Myodocopa) trapped in mid-Cretaceous Burmese amber. *Scientific Reports* 8: 1365. (第一作者为群体成员)
- 14) Xing, L.D\*., Stanley, E., Bai, M., Blackburn, D.C\*. 2018. The earliest direct evidence of frogs in wet tropical forests from Cretaceous Burmese amber. *Scientific Reports* 8:8770. (第一作者为群体成员)
- 15) Xing, L.D., Abbassi, N\*., Lockley, M.G., 2018. Enigmatic didactyl tracks from the Jurassic of Iran. *Historical Biology* 30:8, 1132-1138. (第一作者为群体成员)
- 16) Xing, L.D., Ba, J\*., Lockley, M.G., Klein, H., Yan, S.W., Romilio, A., Chou, C.Y., Persons, W.S.IV. 2018. Late Triassic sauropodomorph and Middle Jurassic

- theropod tracks from the Xichang Basin, southwestern China: a first Chinese report for ichnogenus *Carmelopodus*. *Journal of Palaeogeography* 7(1): 1–13. (第一作者为群体成员)
- 17) Xing, L.D., Buckley, L.G<sup>\*</sup>, Lockley, M.G., McCrea, R.T., Tang, Y.G. 2018. Lower Cretaceous avian tracks from Jiangsu Province, China: a first Chinese report for ichnogenus *Goseongornipes* (Ignotornidae). *Cretaceous Research* 84: 571–577 (第一作者为群体成员)
- 18) Xing, L.D., Caldwell, M.W<sup>\*</sup>, Chen, R., Nydam, R.L., Palci, A., Simões, T.R., McKellar, R.C., Lee, M.S.Y., Liu, Y., Shi, H.L., Wang, K., Bai, M. 2018. A Mid-Cretaceous Embryonic-To-Neonate Snake in Amber from Myanmar. *Science Advances* 4, eaat5042. (第一作者为群体成员)
- 19) Xing, L.D., Dai, H<sup>\*</sup>, Lockley, M.G., Romilio, A., Klein, H., Li, Z.D., Hu, X.F., Peng, G.Z., Ye, Y., Persons, W.S.IV. 2018. Two new dinosaur tracksites from the Lower Cretaceous Jiaguan Formation of Sichuan Basin, China: specific preservation and ichnotaxonomy. *Historical Biology* 30:7, 976–984. (第一作者为群体成员)
- 20) Xing, L.D., Hu, Y.C., Huang, J.D<sup>\*</sup>, He, Q., Lockley, M.G., Burns, M.E., Fang, J. 2018. A redescription of the ichnospecies *Koreanaornis anhuiensis* (Aves) from the Lower Cretaceous Qiuzhuang Formation at Mingguan City, Anhui Province, China. *Journal of Palaeogeography* 7(1): 58–65. (第一作者为群体成员)
- 21) Xing, L.D., Lockley, M.G<sup>\*</sup>, Tang, Y.Z., Romilio, A., Xu, T., Li, X.W., Tang, Y., Li, Y.Z. 2018. Tetrapod track assemblages from Lower Cretaceous desert facies in the Ordos Basin, Shaanxi Province, China, and their implications for Mesozoic paleoecology. *Palaeogeography, Palaeoclimatology, Palaeoecology*. 507: 1–14. (第一作者为群体成员)
- 22) Xing, L.D., Lockley, M.G., Guo, Y., Klein, H., Zhang, J.Q., Zhang, L., Persons, W.S.IV., Romilio, A., Tang, Y.G., Wang, X.L<sup>\*</sup>. 2018. Multiple parallel deinonychosaurian trackways from a diverse dinosaur track assemblage of the Lower Cretaceous Dasheng Group of Shandong Province, China. *Cretaceous Research* 90: 40–55. (第一作者为群体成员)
- 23) Xing, L.D., O'Connor, J.K., McKellar, R.C<sup>\*</sup>, Chiappe, L.M., Bai, M., Tseng, K.W., Zhang, J., Yang, H.D., Fang, J., Li, G<sup>\*</sup>. 2018. A flattened enantiornithine in mid-Cretaceous Burmese amber: morphology and preservation. *Science*

Bulletin 63: 235–243. (第一作者为群体成员)

- 24) Xing, L.D., Rothschild, B.M., Randolph-Quinney, P.S\*, Wang, Y., Parkinson, A.H., Ran, H\*. 2018. Possible bite-induced abscess and osteomyelitis in Lufengosaurus (Dinosauria: sauropodomorph) from the Lower Jurassic of the Yimen Basin, China. Scientific Reports 8,: 5045. (第一作者为群体成员)
- 25) Zhao, X., Wang, X., Shi, X\*, Tang, D., Shi, Q., 2018. Stepwise oxygenation of early Cambrian ocean controls early metazoan diversification. Palaeogeography, Palaeoclimatology, Palaeoecology 504, 86-103. (第一作者为群体博士)
- 26) Zhong Y., Wu H\*, Zhang Y., Zhang S., Yang T., Li H., Cao L., 2018. Astronomical calibration of the Middle Ordovician of the Yangtze Block, South China. Palaeogeography, Palaeoclimatology, Palaeoecology 505: 86-99. (第一作者为群体博士生)

共 26 篇 SCI, 总的论文影响因子 89.35, 平均 3.44/篇.