

古植物学的故事 463 期[总第 464 期]
Story of Paleobotany Series (No.463) [The 464th issue in total]
The Epic of Palaeobotany-463
Umbrella of British Palaeobotany (51)
伦敦自然历史博物馆的名家 William C. Carruthers FRS (1830--1922)
<http://blog.sciencenet.cn/blog-225931-983144.html>
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英国伦敦自然历史博物馆(Natural History Museum—NHM London)属于伦敦市的地标性建筑，其悠久历史可以追溯到 1753 年成立的“大英博物馆”（The British Museum）。伦敦自然历史博物馆是世界著名的、高水平的、综合研究型的自然历史博物馆。它像一把巨伞，在国家层面成为英国自然历史研究的极为重要的学术平台和社会服务窗口。

就古植物学而言，在 20 世纪之前英国在化石植物的采集、馆藏和研究等方面相对落后于地处欧洲大陆的德国和法国。20 世纪英国古植物学快速崛起。伦敦自然历史博物馆在这一历史过程发挥着重要作用。“英国古植物学之伞”项目(Umbrella of British Palaeobotany)计划全方位地透视伦敦自然历史博物馆与古植物学的关系。但考虑到该馆漫长的历史和诸多人和事，我们已经、正在和将要开展一些铺垫性工作。本文简述 19 世纪下半叶为伦敦自然历史博物馆的发展做出重要贡献的英国皇家学会院士、著名植物学家和古植物学家-- William C. Carruthers FRS (1830--1922)。

1830 年，William C. Carruthers 出生于苏格兰（Moffat, Dumfriesshire）。毕业于爱丁堡大学（Edinburgh University）。起初 William C. Carruthers 从事宗教工作（Ministry）。但受苏格兰著名神父和博物学家 Rev. John Fleming DD FRSE FRS(1785--1857)的影响，William C. Carruthers 在爱丁堡转向科学研究。爱丁堡大学植物学教授

John Hutton Balfour 激发了 William C. Carruthers 的古植物学兴趣。William C. Carruthers 是最早以现代植物学出身专攻古植物学的学者之一。

1859 年，William C. Carruthers 开始供职于大英博物馆植物部（Department of Botany in the British Museum of Natural History），任助理。1865 年，任高级助理。1871 年，担任主管（Keeper of Botany）。同年，William C. Carruthers 当选为英国皇家学会院士。

1886—1890 年，William C. Carruthers 担任林奈学会主席。1895 年退休。1922 年逝世，终年 92 岁。

♠1 Brief chronology

Brief chronology of William C. Carruthers FRS (1830--1922)

--1830: Born in Moffat, Dumfriesshire (Scotland) on 29 May 1830;

--1845—1854: Studied and worked at Edinburgh University;

--1854: Worked for church career at New College, Edinburgh, but was persuaded into science;

--Lecturer of botany at New Veterinary College, Edinburgh;

--1859: Appointed Assistant in Department of Botany in the British Museum of Natural History on 25 Aug 1859, then located in Bloomsbury;

--1865: Promoted to Senior Assistant;

- 1865: Married Jeannie Couch Moffat (c.1838--1938);
- 1869: Son--John Bennett Carruthers (1869--1910) was born [later botanist]
- 1871: Promoted to Keeper of Botany on 15 Feb 1871;
- 1871: Elected a Fellow of the Royal Society;
- 1871—1909: Consulting Botanist to the Royal Agricultural Society;
- 1875: President of the Geologists' Association;
- 1880: Botany department moved to South Kensington;
- 1886—1890: President of the Linnean Society;
- 1901: President of the Royal Microscopical Society;
- 1895: Retired on 29 May 1895;
- 1922: Died at home in Norwood, North Yorkshire on 2 June 1922.

ϕ2 Some publications

Carruthers, William, 1865. On an undescribed cone from the Carboniferous beds of Airdrie, Lanarkshire. *Geol. Mag.*, v. 2, p. 433-440, pi. 12, London.

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Carruthers, William, 1868. British fossil Pandaneae. *Geol. Mag.*, v. 5, p. 153-156, pi. 9, London.

Carruthers, William, 1868. On fossil cycadean stems from the secondary rocks of Britain. Transactions of the Linnean Society of London 26: 675–708.

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Carruthers, William, 1870. On fossil Cycadean stems from the secondary rocks of Britain. Linnean Soc. London Trans., v. 26, p. 675-708, pis. 54-63.

Carruthers, William, 1872. On the histological structure, and affinities of *Nematophycus logani*, Can'. (*Prototaxites logani* Dawson), an alga of Devonian age. Monthly Micros. Jour., v. 8, p. 160-172, pis. 21, 22.

Carruthers, William, 1873. On *Traquairia*, a radiolarian rhizopod from the Coal Measures. British Assoc. Adv. Sci., Rept. 42d Mtg., Brighton, 1872 [Trans.], p. 126.

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W Carruthers - Geological Magazine, 1865 - Cambridge Univ Press

II. On Caulopteris Punctata, Goepp., a Tree-Fern from the Upper Greensand of Shaftesbury in Dorsetshire

W Carruthers - Geological Magazine, 1865 - Cambridge Univ Press

I.—On an Underscribed Cone from the Carboniferous Beds of Airdrie, Lanarkshire

W Carruthers - Geological Magazine, 1865 - Cambridge Univ Press

II.—On some Fossil Coniferous Fruits

W Carruthers - Geological Magazine, 1866 - Cambridge Univ Press

II.—On Some Cycadean Fruits from the Secondary Rocks of Britain

W Carruthers - Geological Magazine, 1867 - Cambridge Univ Press

Mr. Baily on Kiltorkan Fossils

W Carruthers - Nature, 1870 - adsabs.harvard.edu

On some supposed vegetable fossils

W Carruthers - Quarterly Journal of the Geological ..., 1871 - jgslegacy.lyellcollection.org

I.—Notes on some Fossil Plants

W Carruthers - Geological Magazine, 1872 - Cambridge Univ Press

Review of the Contributions to **Fossil** Botany Published in Britain in 1871.

W Carruthers - Geological Magazine, 1872 - Cambridge Univ Press

Mr. Baily on Kiltorkan **Fossils**

W Carruthers - Nature, 1872 - adsabs.harvard.edu

On the Structure of the Stems of the Arborescent Lycopodiaceæ of the Coal-measures

W Carruthers - The Monthly Microscopical Journal, 1872 - Wiley Online Library

VI.—Review of the Contributions to **Fossil** Botany published in Britain in 1872

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I.—On Halonia of Lindley and Hutton and Cyclocladia of Goldenberg

W Carruthers - Geological Magazine, 1873 - Cambridge Univ Press

Excursion to the isle of Sheppey: June 7th, 1875

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Ordinary meeting, April 7th, 1876

W Carruthers - Proceedings of the Geologists' Association, 1876 - Elsevier

Address at the opening of the session 1876–77: November 3rd, 1876

W Carruthers - Proceedings of the Geologists' Association, 1877 - Elsevier

Annual general meeting: February 4th, 1876

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I.—Eminent Living Geologists

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Qigao Sun:

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June 4, 2016

相关阅读:

William C Carruthers [FRS](#) (29 May 1830 – 2 June 1922) was a Scottish botanist.

[https://en.wikipedia.org/wiki/William_Carruthers_\(botanist\)](https://en.wikipedia.org/wiki/William_Carruthers_(botanist))

'In memory of William C. Carruthers' by James Britten, in Journal of Botany vol 60 1922, pp249-256

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苏格兰植物学名师 John Hutton Balfour FRS FRSE(1808--1884)

<http://blog.sciencenet.cn/blog-225931-982311.html>

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Rev **John Fleming** DD [FRSE](#) [FRS](#) FSA (10 January 1785 – 18 November 1857) was a Scottish minister, [naturalist](#), [zoologist](#) and [geologist](#). He named and described a number of species of [molluscs](#). During his life he tried to reconcile [theology](#) with science.

[https://en.wikipedia.org/wiki/John_Fleming_\(naturalist\)](https://en.wikipedia.org/wiki/John_Fleming_(naturalist))
