

古植物学的故事 457 期[总第 458 期]
Story of Paleobotany Series (No.457) [The 458th issue in total]
The Epic of Palaeobotany-457
Umbrella of British Palaeobotany (48)
英国杰出古植物学家 Marjorie Chandler (1897–1983)
美国植物学会通讯会员 Marjorie Elizabeth Jane Chandler (1897--1983)
<http://blog.sciencenet.cn/blog-225931-982069.html>
2016-6-2 23:00

第 456 期《古植物学的故事》简要介绍了已故英国皇家学会会员（院士）、地质古生物学家 Clement Reid FRS (1853--1916) 的夫人、科研助手及合作者 Eleanor Mary Reid (1860--1953)（婚前原名为“Eleanor Mary Wynne Edwards”）。本期《古植物学的故事》简要介绍 Eleanor Mary Reid 的科研助手和合作者--Marjorie Elizabeth Jane Chandler (1897--1983)。

Marjorie E. J. Chandler 是 20 世纪英国著名的古植物学家。她在化石种子和果实研究领域【即古果实学 (palaeocarpology)】做出了重要贡献。

Marjorie E. J. Chandler 在 Eleanor Mary Reid 家中开展科学研究。在 Eleanor Mary Reid 的晚年生活中，Marjorie E. J. Chandler 成为其生活助手，像家庭护士那样照料她。在与 Eleanor Mary Reid 合作的基础上，Marjorie E. J. Chandler 拓宽了研究工作的范围，取得了较多学术成果。

♠1 剑桥大学女子学院

英国的剑桥大学成立于 1209 年，已有 800 多年的历史了。

The University of Cambridge

https://en.wikipedia.org/wiki/University_of_Cambridge

19 世纪，剑桥大学相继设立了两个女子学院。1869 年成立了 Girton 女子学院。参见：

https://en.wikipedia.org/wiki/Girton_College,_Cambridge
<https://www.girton.cam.ac.uk/>

1871 年，剑桥大学又设立了一个女子学院（Newnham College）。参见：

https://en.wikipedia.org/wiki/Newnham_College,_Cambridge

<http://www.newn.cam.ac.uk/about/find-us/>

英国著名的女性植物学家，如：Dorothea Frances Matilda "Dora" Pertz (1859--1939) 和 Agnes Robertson Arber FRS(1879--1960)都曾经在剑桥 Newnham 女子学院学习过。

§2 Marjorie Chandler 的教育背景

在英国 Warwickshire 中部的小镇--Leamington Spa 完成基础教育。1915 年获奖学金入读剑桥 Newnham 女子学院，接受了植物学和地质学的专业训练。1919 年毕业。

Marjorie Chandler 之所以从事化石植物的研究，主要受到著名古植物学家 Albert Charles Seward FRS (1863--1941) 和地质学家 John Edward Marr FRS (1857--1933) 的影响。John Edward Marr 院士将 Marjorie Chandler 引荐给 Eleanor Mary Reid。

§3 Marjorie Chandler 的古果实学研究

3-1

1920 年，Marjorie Chandler 开始成为 Eleanor Mary Reid 的科研助手。1926 年她们发表了《Bembridge 植物群》（*The Bembridge Flora*）。

[Catalogue of the Cainozoic Plants in the Department of Geology, British Museum \(Natural History\). Volume 1: The Bembridge Flora \(with a Section of the Charophyta By James Groves.](#)

Reid, Eleanor M. & M.E.J.Chandler

Published by British Museum, London (1926)

3-2

在伦敦地质学会和伦敦自然历史博物馆[British Museum (Natural History)--NHM London]的大力支持下，两位女古植物学家合作研究了伦敦早始新世粘土层(Lower-Eocene-aged London Clay Formation)的大量果实和种子材料。研究结果表明，早始新世英国东南部的气候比较温暖（Reid & Chandler, 1933）。

Reid, E.M. & Chandler, M.E.J. 1933. London Clay Flora, British Museum (Natural History, London)

Reid, Eleanor Mary, -,Chandler, M. E. J. (Marjorie Elizabeth Jane),British Museum (Natural History). Department of Geology.

Published by Trustes of the British Museum, 1933

With thirty-three plates and seventeen figures in the text

Reid E. M. & Chandler M. E. J. 1933. *The London Clay Flora*. Trustees of the British Museum (Natural History), London.

3-3

Eleanor Mary Reid 退休后，Marjorie Chandler 将研究工作拓展到其他地区始新世和渐新世地层。Marjorie Chandler 的研究经费主要来自伦敦自然历史博物馆(NHM London)小额但持续的资助。

§4 Marjorie Chandler 的出版物（见附录）

Qigao Sun:

古植物学的故事 457 期[总第 458 期]

Story of Paleobotany Series (No.457) [The 458th issue in total]

The Epic of Palaeobotany-457

Umbrella of British Palaeobotany (48)

Marjorie Chandler (1897–1983)

May 21, 2016

相关阅读:

Chandler Marjorie Elizabeth Jane (1897--1983)

https://en.wikipedia.org/wiki/Marjorie_Elizabeth_Jane_Chandler

The London Clay Formation

https://en.wikipedia.org/wiki/London_Clay

古植物学的故事 455 期[总第 456 期]

Story of Paleobotany Series (No.455) [The 456th issue in total]

The Epic of Palaeobotany-455

Umbrella of British Palaeobotany (46)

Clement Reid FRS (1853--1916)

自学成才的英国地质古生物学家 Clement Reid 院士(1853--1916)

<http://blog.sciencenet.cn/blog-225931-978901.html>

2016-5-21 22:58

古植物学的故事 456 期[总第 457 期]

Story of Paleobotany Series (No.456) [The 457th issue in total]

The Epic of Palaeobotany-456

Umbrella of British Palaeobotany (47)

Eleanor Mary Reid (**1860--1953**)

在家玩科学的英国院士太太 Eleanor Mary Reid (1860--1953)

<http://blog.sciencenet.cn/blog-225931-978903.html>

2016-5-21 23:04

附录：英国古植物学家 Marjorie Chandler 的出版物

Chandler, M.E.J. 1921. The Arctic Flora of the Cam Valley, at Barnwell, Cambridge. *Quarterly Journal of the Geological Society*, **77**, 4-22

Chandler, M.E.J. 1923. The geological history of the Genus *Stratiotes*: an account of the evolutionary changes which have occurred within the Genus during the Tertiary & Quaternary Eras. *Quarterly Journal of the Geological Society*, **79**, 117-138

Catalogue of the Cainozoic Plants in the Department of Geology, British Museum (Natural History). Volume 1: The Bembridge Flora (with a Section of the Charophyta By James Groves.

Reid, Eleanor M. & M.E.J.Chandler

Published by British Museum, London (1926)

Reid, E.M. & Chandler, M.E.J. 1933. London Clay Flora, British Museum (Natural History, London)

Reid, Eleanor Mary, -,Chandler, M. E. J. (Marjorie Elizabeth Jane),British Museum (Natural History). Department of Geology.

Published by Trustees of the British Museum, 1933

With thirty-three plates and seventeen figures in the text

Reid E. M. & Chandler M. E. J. 1933. *The London Clay Flora*. Trustees of the British Museum (Natural History), London.

Chandler M. E. J. 1954. Some Upper Cretaceous and Eocene fruits from Egypt (with appendices by M. Y. Hassan & M. I. Youssef), *British Museum (Natural History) Bulletin. Geology* 2: 149- 187.

Chandler M. E. J. 1960. Plant remains of the Hengistbury and Barton Beds.*British Museum (Natural History) Bulletin. Geology* 4: 193- 238.

The Lower Floras of Southern England I Palaeocene Floras London Clay Flora (supplement)

Marjorie Elizabeth Jane Chandler

Published by William Clowes and Son (1961)

Chandler, M.E.J. 1961. The lower Tertiary floras of southern England I. Palaeocene floras, London Clay flora. London: British Museum (Natural History).

The Lower Tertiary Floras of Southern England. Vol. 1-5.

CHANDLER (Marjorie Elizabeth Jane)

Édité par London Trustees of the British Museum, 1961

Description :

Complete set in 5 vols., 4to, original grey cloth (vols. 3 and 4 in dustwrappers), a very good set. Comprises: - Vol. 1, Palaeocene Floras, London Clay Flora (Supplement), 54 figures in the text; Vol. 2, Flora of the Pipe-Clay Series of Dorset (Lower Bagshot), 29 plates and 25 figures in the text; Vol. 3, Flora of the Bournemouth Beds; The Boscombe, and the Highcliff Sands, 25 plates and 33 figures in the text; Vol. 4, A Summary and Survey of Findings in the Light of the Recent Botanical Observations, 4 plates and 6 figures in the text, Vol. 5, Atlas, 1. Palaeocene Floras London Clay Flora (Supplement), 34 plates and 54 figures in the text.

Chandler M. E. J. 1961a. Flora of the Lower Headon Beds of Hampshire and the Isle of Wight. *British Museum (Natural History) Bulletin. Geology* 5: 91-158.

Chandler M. E. J. 1961b. The lower Tertiary floras of southern England. I. Paleocene floras and atlas. British Museum (Natural History), London, UK.

Chandler M. E. J. 1962. The Lower Tertiary floras of southern England. II. Flora of the Pipe-Clay series of Dorset (Lower Bagshot). British Museum (Natural History), London, UK.
