

——*Nature*

摘要：本文以英国《自然》(*Nature*)杂志与著名科幻作家 H.G.威尔斯相关的丰富文本为主要考察对象，在此基础上对威尔斯及其作品进行科学史研究。主要集中于三方面：从科幻作品参与科学活动的角度出发，对威尔斯科幻小说的书评进行了重点考察；进一步厘清《自然》杂志与科幻的早期历史渊源关系；通过威尔斯的个案，探讨了《自然》杂志在 20 世纪早期英国学界的定位问题。

关键词：《自然》 *Nature* H.G.威尔斯 科幻小说 科学史

H.G.

H.G. Wells 1866~1946

(John S. Partington)

2008

< 1893 1946 *H. G. Wells in Nature, 1893-1946: A Reception Reader* “ ” “ ” “ ”
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Isis *The Study of Science Fiction*

作者简介

Partington, John S. Building Cosmopolis: The Politic4430het380018TJ /T12111-811/T121T12111-88 23-4(m)25(96 10-4(m)25()2325

The Reception of H. G. Wells in Europe[M]// . Partington, John S (Editor) . New York :Continuum, 2005.
H. G. Wells's Fin-de-Siècle: Twenty-first Century Reflections on the Early H. G. Wells[M]// . Partington, John S (Editor) . Frankfurt: Peter Lang .2007.
H. G. Wells in Nature, 1893-1946: A Reception Reader[M]// . Partington, John S (Editor) .Frankfurt: Peter Lang. 2008.
Pamela Gossin . Book Reviews[J]. *Isis* .2009-12.100 4 933-934.
David Ketterer. The “Martianized” H.G. Wells? [J] *Science Fiction Studies*.2009-07.36 2 :327-332.

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1893 1946

Richard Gregory 1864~1952

1884

Thomas Huxley¹¹

1825~1895

“ X X Club ”

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1895

Time Machine

Peter Kemp.Father, mother and son[J].Nature.1984-06-14. 309:643-644.

Michael Sherborne.The invisible man of science[J].Nature.1996-02-18. 379: 215-216.

Richard Gregory. H.G.Wells: A Survey And Tribute[J]. 1946-12-21.158:399-402.

¹¹ John S. Partington .H.G. Wells's Eugenic Thinking of the 1930s and 1940s [J].Utopian Studies, 2003.14
1 :74-81.

¹² X X Club 19

Herbert Spencer 1820~1903

1869

¹³T. H. Huxley. Nature: Aphorisms by Goethe[J]. 1869-11-04.1:9-11.

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The Discovery of the Future ¹⁵ ¹⁶

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The Short Stories of H. G. Wells 1927

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The Time-Journey of Dr.

Barton 1930

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Charles Hinton

What Is the Fourth

1884

¹⁴ H. G. Wells. Peculiarities of Psychical Research[J]. Nature.1894-12-6.51:121-122.

H. G. Wells. Peculiarities of Psychical Research[J]. Nature.1895-1-17. 51: 274.

¹⁵ H. G. Wells. The Discovery of the Future[J] . Nature. 1902-02-06. 65:326-331.

¹⁶ Days of Futures past[J] .Nature .2006-12-21.444:972 .

¹⁷ H. Levy. The Short Stories of H G Wells [J].Nature.1927-10-08. 120:503-504.

¹⁸The Time Machine[J].Nature. 1895-07-18.52:268.

¹⁹ Paul J. Nahin. Time Machines: Time Travel in Physics, Metaphysics, and Science Fiction[M]. Springer, 1999 22.

²⁰ H. Levy .World power and the power of man[J]. Nature. 1930-05-31.3161:810.

²¹S. Four-Dimensional Space[J]. Nature. 1885-03-26. 31: 481.

The Fourth Dimension[J]. Nature.1904-07-21. 70:268.

The Fourth Dimension Simply Explained[J] . Nature .1910-06-16. 83: 457.

S. Brodetsky. The Fourth Dimension Simply Explained [J] . Nature . 1922-04-15.109:474-475.

²²A \$500 Prize for a Simple Explanation of the Fourth Dimension[J] . Scientific American . 1908-11-28 . 66:351-352.

Dimension?

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1884²³ 2001
Flatland: A Romance of Many Dimensions
Ian Stewart 1945
Flatterland: Like Flatland Only More So 2001²⁴

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the Worlds, 1898²⁵ *The War of*
Star-Begotten 1937 *The First Men In The Moon* ,1902²⁶
19 1898
1894 27
1937 *Star Begotten*

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Kepler's Dream 1634

1965 1967
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Mr. Stranger's Sealed Packet 1889³¹
A Journey in Other Worlds: A Romance of the Future 1894³²
The people of the moon 1895³³ *The Certainty of a Future Life in*

²³R. Tucker. Flatland[J].Nature. 1884-12-27. 31:76-77.

²⁴Lisa Lehrer Dive and Andrew Irvine. Hopping through the Mathiverse[J].Natue.2001-05-11.411:240-241.

²⁵R. A. G. The War of the Worlds[J]. Nature.1898-02-10.57:339-340.

²⁶ A Lunar Romance[J]. .Nature.1902-01-09.65:218-219.

²⁷ .19 [J] 2012 31 2
248-255.

²⁸J. B. S. H. Messianic Radiation[J] .Nature .1937-07-31.140:171.

²⁹Bernard Pagel. Kepler's Dream(1634)[J].Nature.1965-12-04.208:960-961.

³⁰ J. R. Ravetz. Lunar Point of View[J]. Nature .1967-07-01.215: 103.

³¹R. A. Gregory. A Journey to the Planet Mars[J]. Nature.1889-07-25.40:291-292.

³²Gregory, R. A. An Astronomical Romance[J]. Nature.1894-10. 50(1303):592-593 .

³³The People of the Moon[J].Nature .1895-11-28.53:77.

Roger Donaldson	⁶¹ <i>Dante's Peaks</i>	1997	
Carl Sagan	⁶² <i>Contact</i>	1997	
Miriam Leder	<i>Deep Impact</i>	1998	
Jonathan Hensleigh	⁶³ <i>Armageddon</i>	1998	
Robert Mandel et al.	X ⁶⁴ <i>X-Files</i>	1998	
A. Christopher Stanton Jr.	⁶⁵ <i>Finding Nemo</i>	2003	
Roland Emmerich	⁶⁶ <i>The Day After Tomorrow</i>	2004	
Nick Hamm	⁶⁷ <i>Godsend</i>	2004	
Darren Aronofsky	⁶⁸ <i>The Fountain</i>	2006	
Danny Boyle	⁶⁹ <i>Sunshine</i>	2007	
Randy Olson	⁷⁰ <i>Sizzle</i>	2008	
Andrew Stanton	⁷¹ <i>WALL. E</i>	2008	
Christopher Nolan	⁷² <i>Inception</i>	2010	
Alfonso Cuarón	<i>Gravity</i>	2013	

2001 . Edward

Bellamy 1850~1898 1888 “ ” 2000 1887

Looking Backward: 2000–1888

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- ⁶¹ Jonathan Fink. Cinemagmatic Mayhem[J]. Nature.1997-03-06.386:33.
- ⁶² Leslie Sage. Aliens, Lies And Videotape[J]. Nature. 1997-08-14.388: 637.
- ⁶³ Kevin Zahnle. Rocky Horror Picture Shows [J]. Nature.1998-07-30. 394:435 .
- ⁶⁴ How not to respond to The X-Files[J]. Nature.1998-08-27. 394: 815.
- ⁶⁵ Alison Abbott. Science at the movies: The fabulous fish guy[J].Nature.2004-02-19. 427: 672-673.
- ⁶⁶Mark Peplow .Disaster Movie Makes Waves[EB/OL]. 2004-05-17 [2013-5-7]
<http://www.nature.com/news/2004/040512/full/news040510-6.html>
- Myles Allen. Film: Making heavy weather[J]. Nature.2004-05-27 .429, 347-348.
- Quirin Schiermeier. Disaster Movie Highlights Transatlantic Divide[J]. Nature.2004-09-02. 431:4 .
- ⁶⁷Helen Pearson .Hollywood grapples with human cloning[J]. Nature .Published online 2004-04-29 .
- ⁶⁸Emma Marris. Film: The Quest For Immortality[J]. Nature .2006-12-07.444: 684 .
- ⁶⁹Richard Webb. Film: Dark days ahead.Nature[J] .2007-04-05.446: 615.
- ⁷⁰Emma Marris. Climate comedy falls flat[J].Nature.2008-07-17. 454:279.
- ⁷¹ Andrew H. Knoll. Romance Among Robots[J]. Nature .2008-07-24.454:407.
- ⁷²Christof Koch. A smart vision of brain hacking[J].Nature.2010-09-02.467:32.
- ⁷³ Howard P. Segal.Back to the Future from 1888[J]. Nature .2001-02-01.409:563.

1891 12 1892 4 1963

⁷⁴ ———Nature [J].
.2013.21 3 :15-26.

1869 Norman Lockyer 1835~1920
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1868 " " _____
Jules Janssen 1824~1907

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1878 Jules Verne 1828~1905 76

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J. Borges 1899~1986 O. Wilde 1854~1900 _____

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⁷⁵ N. Lockyer. A Short History of Scientific Instruction:1[J]. Nature.1898-10-13.58:572-575.
 N. Lockyer. A Short History of Scientific Instruction:1 II[J].Nature.1898-10-20. 58: 597-600.
 N. Lockyer. On Some Points in Ancient Egyptian Astronomy: I[J].Nature .1892-01-28.45: 296-299.
 N. Lockyer. On some Points in the Early History of Astronomy[J].Nature.1891-05-21. 44:57-60.
 N. Lockyer. The Astronomical History of on and Thebes[J]. Nature.1893-08-03..48:318-320.
 N. Lockyer. On Some Points in Ancient Egyptian AstronomyII[J]. Nature.1892-02-18.45, 373-375
 N.Lockyer The Story of Helium[J].Nature.1896-2-13. 53, 342-346.

⁷⁶ Comet From The Earth To The Moon Hector Servadac, Or The Career Of A
 Twenty Thousand Leagues Under The Sea Around The Moon
 The Fur Country A Winter Amid The Ice
 Hector Servadac, or the Career of a Comet [J]. Nature.1878-01-10.17:197-199.

A Bedside Nature: Genius and Eccentricity in Science 1869-1953[M]//Walter B. Gratzer (Editor). London: W
 H Freeman & Co. 1997. 52.

⁷⁷ H. Haggard
 1856~1925
 1916
 A. Eddington 1882~1944
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⁷⁸ Selections from the Letters of Sir Norman lockyer[J]. Nature.1969-11-1.224:473-477.
 [M]. .2005.127

⁷⁹Sir Harold Hartley. The life and times of Sir Richard Gregory, Bt.,F.R.S,1864-1952[J]. 1953-01-13.171:1040-1046.

认为科学唯一作用是发现和研究自然现象和法则，并不关乎所获得的社会观感知
 的观点，应该予以舍弃了。科学不能和道德相剥离，也不能把它作为在和平时期发
 动战争和搞经济破坏的借口来开脱罪责。科学人（man of science）不应该把和科学发
 现相关的社会及政治问题撇在一旁，因为这类东西很有可能被用于致毁目的。⁸⁴

	<i>Popular Astronomy</i>		<i>Modern Electrics</i>
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	87	88	89
		H.G	
90			E. Burroughs
1875~1950	<i>The Center of The Earth</i>		<i>The Martian</i>
<i>Series</i> ⁹²			
		scientific inaccuracies	——
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⁸⁰R. A. Gregory. A Journey to the Planet Mars[J]. Nature.1889-07-25.40:291-292.
⁸¹ Gregory, R. A.An Astronomical Romance[J]. Nature.1894-10. 50(1303):592-593 .
⁸²R. A. G The War of the Worlds[J]. Nature.1898-02-10.57:339-340.
⁸³ R. A. G Their Winged Destiny, being a Tale of Two Planets[J].Nature.1912-10-10.90:160-161.
⁸⁴ Richrad Gregory .Cultural contacts of science[J]. Nature.1938-12-17.1059-1061.
⁸⁵ To Mars via the Moon, An Astronomical Novel By Mark Wicks[J]. Popular Astronomy. 1911, 19:460-461.
⁸⁶ Book Review [of Wicks's To Mars via theMoon] [J]. Modern Electrics. 1911-08. 371.
⁸⁷L.J.Lafleur,Marvelous Voyages-I(the center to the earth) .Popular Astronomy, 01/1942.Vol. 50, p.16
⁸⁸L.J.Lafleur,Voyages-III (from the earth to the earth) .Popular Astronomy, 04/1942.Vol. 50, p.196
⁸⁹ L.J.Lafleur,Marvelous voyages-VIII, The Time Machine.Popular Astronomy. 1943. 51:434.
 L.J.Lafleur, Marvelous voyages-VIII, The Time Machine Errors in VIII.Popular Astronomy, 1943. 51:438.
⁹⁰L.J.Lafleur,Marvelous voyages-VII, The War of the Worlds. Popular Astronomy, 1943. 51:359.
 L.J.Lafleur,Marvelous voyages-VII, The War of the Worlds Errors in VII.Popular Astronomy, 1943. 51: 384.
⁹¹L.J.Lafleur,Marvelous voyages-V, The first Men in the Moon-Part I.Popular Astronomy, 1943. 51:76.
 L.J.Lafleur,Marvelous voyages-V, The first Men in the Moon-Errors in V.Popular Astronomy, 1943. 51: 80.
 L.J.Lafleur,Marvelous voyages-V, H. G. Wells"The First Men in the Moon-Part II.Popular Astronomy, 1943. 51:139.
 L.J.Lafleur,Marvelous voyages-VI, The First Men in the Moon-Errors in VI.Popular Astronomy, 1943. 51:145.
⁹² Lafleur, Laurence J.Marvelous Voyages-II .Popular Astronomy, 1942-02.50 :69.
 Errors in "marvelous Voyages-II.Popular Astronomy, 1942-05, 50:249.
⁹³C. P. Snow. Variety of Men[M]. New York Charles Scribner's Sons,1966, 63-87.

这样的想法并没有随着威尔斯逐渐年老而消退，而是变得愈发强烈。尽管越来越失望，但他坚持认为，只有进入皇家学会才能证明自己的成就。^{93, 84页}

1930

95

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Sir

J. Huxley 1887~1975

1936

皇家学会当前只接受从事科学研究或对知识做出原创性贡献的人士为会员。威尔斯是取得了许多成就，但并不符合可以为他破例的条件。^{93, 85页}

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这些非科学人士为国家作出过杰出贡献，当然没错；他们当选是荣誉的象征，实至名归；但问题是，他们都行，为什么威尔斯不行？^{93, 85页}

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H.G. Wells and *Nature's* Historical Origin of Science Fiction

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The School of History and Culture of Science, Shanghai Jiaotong University

Shanghai 200240, China

Abstract: This article taking plenty of texts related to English famous sci-fi writer H.G. Wells in

⁹⁴ John Walsh. H. G. Wells: He Was a Seer But a Disappointed Scientist[J]. Science. 1967-01-13.155-182.

⁹⁵ H. G. Wells .The Illusion of Personality[J]. Nature .1944-04-01.153, 395-397 .

Journal Nature as the major study object, systematically investigates Wells from the perspective of the history of science. The paper mainly focus on three aspects: discussing the reviews of H.G. Wells' sci-fi novels from the perspective of sci-fi taking part in the scientific activities; clarifying the early history relationship between the Journal Nature and the sci-fi; through the Wells' accident analyzing the Journal Nature's academic position in British of the early 20th century.

Key words: Nature, H.G. Wells, sci-fi novels, the history of science