

HALLEY'S COMET; ITS PAST HISTORY AND 1910 RETURN

A SHORT BIBLIOGRAPHY WITH NOTES

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PART I. COMET'S PAST HISTORY

BRONTË, REV. PATRICK. On Halley's Comet, in 1835. *Popular astronomy*, 12: 571, Northfield, Minnesota, October, 1904.

A poem reprinted from *The Bradfordian*, no. 11, p. 176, Bradford, Yorkshire, England, August 1, 1861.

CHAMBERS, GEORGE F. 1841. A Handbook of descriptive and practical astronomy, 3 vols. Oxford, 1889, 1890.

Contains a cut (I:438) of a portion of the Bayeux Tapestry showing the comet of Halley, in 1066. "The comet of Halley appeared again in 1066, at the time when William the Conqueror invaded England. The chroniclers unanimously write: 'The Normans, guided by a comet, invaded England.' The Duchess-Queen Matilda, wife of William, has represented this comet and the amazement of her subjects on the tapestry (230 feet long) which may be seen at Bayeux." See *Popular Astronomy . . .* by Camille Flammarion, translated by J. Ellard Gore, p. 479, New York, n. d.

FLAMMARION, CAMILLE. *Popular astronomy: a general description of the heavens*, by Camille Flammarion, translated by J. Ellard Gore, New York, n. d.

"Queen Victoria has in her crown a jewel the design of which was suggested by the tail of this comet, which had the greatest influence on the victory at Hastings." (P. 479.)

FLAMMARION, CAMILLE. *Astronomie populaire: description générale du ciel.* 867 p. Paris, 1890. (*See* p. 609.)

GREGORY, DAVID. *Astronomicæ, geometricæ et physicæ elementa.* Oxford, 1702, fol. Translated into English; with additions. To which is added, Halley's Synopsis of the astronomy of comets, revised and corrected by Edmund Stone, London, 1713, 1726, 2 vols. 8vo.

This book is mentioned in the 'Bibliotheca Britannica,' by Robert Watt, vol. I, section 439v, Edinburgh, 1824.

HALLEY, EDMOND. 1656-1742. *Astronomiæ cometiciæ synopsis, autore Edmundo Hallieo apud Oxoniensis geometriæ professore Saviliano, & Reg. Soc. S.* *See* *Philosophical Transactions* . . . vol. 24, for the years 1704 and 1705, pp. 1882-1899, London, 1706.

Halley's "most celebrated work . . . was 'Astronomiæ cometiciæ synopsis,' communicated to the Royal Society in 1705, and separately published in English at Oxford the same year. It was reprinted with his Tables in 1749, and translated into French by Le Monnier in 1743." (*See* *Dictionary of National Biography*, 24: 108, New York, 1890.)

HALLEY, EDMOND. 1656-1742. *Astronomiæ cometiciæ synopsis, autore Edmundo Hallieo apud Oxoniensis geometriæ professore Saviliano, & Reg. Soc. S.* *See* the philosophical transactions of the Royal Society of London from their commencement, in 1665, to year 1800: abridged, with notes and biographic illustrations, by Charles Hutton . . . , London, 1809.

This abridgment gives (5: 201) only the caption of Halley's memoir, with the note following: "Dr. Halley's Astronomy of comets is here omitted, as it has been elsewhere published in a much fuller and more complete state, and that both in the English and Latin languages; as in the *Miscellanea Curiosa*, of Dr. Halley, in 3 volumes 8vo, in English; also translated and published in English, by G. T. Gent, in 8vo, 1757; and still more complete and perfect in Dr. Halley's *Astronomical Tables*, in 4to, both in Latin and English."

HALLEY, EDMOND. 1656-1742. *Astronomical tables with precepts both in English and in Latin, for computing the places of the sun, moon, planets and comets.* I vol. 4to. London, 1752.

This rare work, of which a copy is in the Hon. John S. Lawrence's private library, Grand Rapids, Michigan, was probably edited by James Bradley, successor of Halley as astronomer-royal. (*Cf. Notes and Queries*, 9th series, 11: 464.) In this book a revision of Halley's Synopsis of comets is included. (*See* *Philos. Trans.*, abridged, Hutton, 5: 201, note, London, 1809.)

HERSCHEL, SIR JOHN F. W. Results of astronomical observations made during the years 1834, 5, 6, 7, 8, at the Cape of Good Hope; . . . London: Smith, Elder & Co., 1847. See chapter V., pp. 393-406.

HERSCHEL, SIR J[OHN] F.W. Observations of the comet of Halley, after the perhelion passage in 1836, made at Feldhausen, Cape of Good Hope, by Sir J. F. W. Herschel. *Memoirs of the Royal Astronomical Society*; 10: 325-335, London, 1850.

HIND, J. R[USSELL]. On the past history of the comet of Halley. *Monthly Notices of the Royal Astronomical Society*, 10: no. 3 (January, 1850) 51-58, London.

HIND, J. RUSSELL. The comets: a descriptive treatise upon those bodies . . . London: John W. Parker and Son, 1852. See chapter iv., 'The comet of Halley,' pp. 35-57.

LYNN, WILLIAM THYNNE. Remarkable comets; a brief survey of the most interesting facts in the history of cometary astronomy. Eighth edition, revised. 45 p. London: E. Stanford, 1900. See pp. 11-13.

MACLEAR, [. . .] Observations of Halley's comet, made at the royal observatory, Cape of Good Hope, in the years 1835-1836. Read April 14, 1837. *Memoirs of the Royal Astronomical Society*, 10: 91-155, London, 1838.

MCPIKE, EUGENE FAIRFIELD. Halley's comet. *Popular Astronomy*, 12: 685, Northfield, Minnesota, December, 1904.
A note referring to Dr. Halley's discovery of the identity of the comet of 1682 known as Halley's comet.

SMYTH, Captain W. H. Observations of Halley's comet. *Memoirs of the Royal Astronomical Society*, 9: 229-246, London, 1836. Read June 10, 1836.

WHISTON, WILLIAM, Lectures on Sir Isaac Newton's mathematic philosophy, and Dr. Halley's account of comets. London, 1716, 8vo.

This work is mentioned in the 'Bibliotheca Britannica,' by Robert Watt, vol. i., section 961h, Edinburgh, 1824.

WINTHROP, [JOHN]. 1714-1799. Two lectures on comets; Boston, 1811.

Inside title-page, Boston, 1759. (See appendix, pp. 39-52.)

[. . .] A Famous comet. *Quarterly Review*, 188: 113-138, London, 1898.

This is a very readable account of Halley's comet.

PART II. COMET'S 1910 RETURN

Astronomisches Gesellschaft. Vierteljahrsschrift. 1910 Return of Halley's comet. *Vierteljahrsschrift der Astronomischen Gesellschaft*. 39 Jahrgang, drittes Heft, pp. 149, 152, Leipzig, 1904.

Contains the announcement of a prize of 1000 Mark, offered by the *Astronomisches Gesellschaft*, "for the best determination of the positions of Halley's comet for the year of its return." See *The Observatory*, 28: no. 355 (March, 1905) 141.

DEMING, W. F. The meteoric shower of Halley's comet. *The Journal of the British Astronomical Association*, 12: 175-176, 288-289, London, 1902.

Relates to comet's 1910 return.

LYNN, W[ILLIAM] T[HYNNE]. Halley's comet. *Notes and queries*, tenth series, 1: 152, London, February 20, 1904.

Note referring to Pontécoulant's prediction of next perihelion passage "17 May, 1910"; also to the same astronomer's investigation as to "the position of the comet at the preceding return."

MCPIKE, EUGENE FAIRFIELD. Halley's comet. *Notes and queries*, tenth series, 1: 86, London, January 30, 1904.

Note containing an intimation that "malheureusement la tâche entreprise ne puisse pas être accomplie" by the Russian Astronomical Society, in respect of its computing bureau's proposed "calculation of the true path of Halley's comet, with a view to predicting the exact date of the next return."

PONTÉCOULANT, COUNT M. G. DE. 1766-1853. Notice sur la comète de Halley et ses apparitions successives de 1531 à 1910.

Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences, LVIII., 706-709, 766-769, 825-828, Paris, 1864.

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SMART, D. Halley's comet: 1910 return. *The Journal of the British Astronomical Association*, 12: 134-136, London, 1902.

[. . .] The next return of Halley's comet. *Nature*, 11: 286-287, London, February 11, 1875.

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[. . .] 1910 Return of Halley's comet. *Nature*, 49: 442, London, March 8, 1894.

"Prof. Glasenapp announces that the computing bureau established by the Russian Astronomical Society has undertaken the calculation of the true path of Halley's comet, with a view to predicting the exact date of the next return." It is said that a similar notice appeared in *Astronomische Nachrichten*, No. 3216 (1894).

PART III. BIBLIOGRAPHIES OF DR. E. HALLEY.

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BRITISH MUSEUM. LONDON. Catalogue of printed books. Supplement. H-Henrivaux, London: William Clowes and Sons, Limited, 1903. *See* col. 102.
See, also, later 'accessions.'

BRITISH MUSEUM. LONDON. Catalogue of the printed maps, plans, and charts in the British Museum. London, 1885. *See* [vol. 1, A-K] col. 1733-1734.

C[LERKE] A[GNES] M. Halley, Edmund. Dictionary of National Biography, 24: 104-109, New York, 1890.

Biographical sketch, accompanied by a bibliography. A few corrections in the text appear in the 'Dict. Nat. Biog., 67: Errata.'

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RUDOLPH, ALEXANDER J. AND MCPIKE, EUGENE FAIRFIELD. A Bibliography of Dr. Edmond Halley by Alexander J. Rudolph, . . . with some notes and addenda by Eugene Fairfield McPike. . . . *Bulletin of Bibliography*, Boston: Boston Book Co., June (?) 1905.

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WATT, ROBERT. *Bibliotheca Britannica*; or a general index to British and foreign literature, 4 vols. Edinburgh, 1824. *See* vol. 1, authors, sections 4590-460f, and vol. 3, subjects (no pagination) article Halley, Edmund.