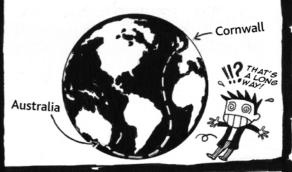


At the age of 12, he joined the college at Devonport, staying as a boarder with a relative, the Reverend John Couch Grylls



In his spare time, John would make small maps of the stars...

He was employed as a tutor to the sons of a Mr Foot, of Linkinghorne. The Foot family were moving to Australia, and wanted John to go with them.



But his parents wanted him to fulfil his potential by studying at the finest school in the land - Cambridge. John agreed and after borrowing money to arrange an exam, he passed with flying colours and won a scholarship to St Johns College, where he entered in October 1839.





to establish an accurate table of these movements, but comparison with earlier attempts showed unmistakable changes in the position of Uranus in relation to its predicted path...



Using his mathematical skills he calculated where this unknown planet might be in relation to the Sun.



...was there a mystery planet beyond Uranus that could be pulling it out of a regular orbit?

John felt sure this was the case, and set out to prove it!

In September 1845 he took his findings to Professor Challis at Cambridge, then in October he went to see the Royal Astronomer, Mr Airy, at Greenwich. Mr Airy was having dinner so rather than interrupt, John left his papers with a servant.

5 Early in Navambar Air

Early in November, Airy wrote back, with some queries about John's calculations.

Meanwhile, the Director of the Paris Observatory, Urbain Le Verrier, had also begun investigating the movement of Uranus...

Adams found letter-writing difficult, and contact between him and Airy stalled.

Over in France, Le Verrier was moving fast - he wrote to Airy with his own findings, after Airy had contacted him in response to a memoir Le Verrier had published in the science journal 'Comptes Rendu', seven months after Adams had released his own findings.

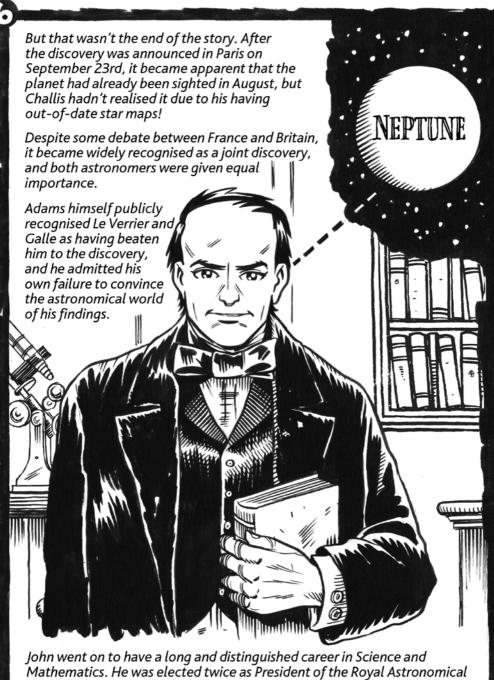
COMPTES RENDUS
DES SEANCES.
DE L'ASADEMIE DES SUENCES

In July 1846, Airy wrote to Professor Challis at Cambridge asking him to undertake a search for the mystery planet in a specific location, based on the calculations of Adams and Le Verrier. He offered to send an assistant to speed up matters. Challis declined - but the race to find the planet was on!

Le Verrier publicly announced his prediction for the planet's location on 31st August - two days later Adams mailed his own prediction to the Observatory at Greenwich...

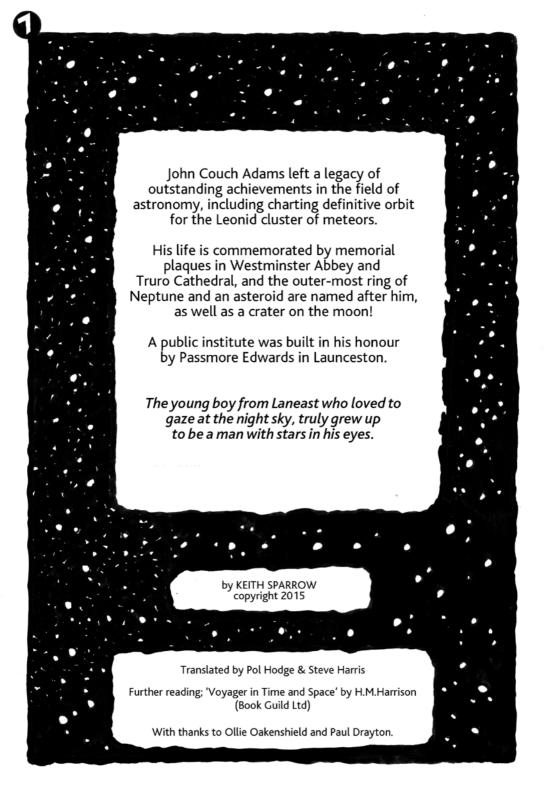
The Frenchman sent a letter to Johanne Galle at the Berlin Observatory on September 18th. It arrived five days later, and that same evening the planet was found by Galle and Heinrich D'Arrest, using the Berlin Fraunhofer Refractor





Society, in 1851 and 1874.

He died on 21st January 1892, and was buried in Cambridge.



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