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June E. Barrow-Green* (june.barrow-green@open.ac.uk), Faculty of Mathematics, The Open University, Walton Hall, Milton Keynes, MK7 6AA, United Kingdom. *The three-body problem.*

In 1904, Edmund Taylor Whittaker described the three-body problem as ‘the most celebrated of all dynamical problems’, noting that since 1750 more than 800 memoirs, many of them authored by the greatest mathematicians, had been published on the subject. As well as being mathematically engaging, the problem is of practical importance for celestial mechanics which accounts in large part for its popularity. In this talk, I shall describe some of the progress made on the problem during the 19th and early 20th centuries, including contributions of both mathematicians and mathematical astronomers. (Received September 16, 2013)