

GENEALOGY DATABASE ENTRY

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Dixon, Harold Bailey

1852 - 1930

DEGREE: MA

DATE: 1875

PLACE: Oxford

TEACHER/RESEARCH ADVISOR: Harcourt

studied kinetics of gaseous explosions and measured speeds of detonation, esp. by photographic means; first accurately to measure ignition temperature of explosive gas mixtures; determined atomic weight of chlorine; discovered (with Baker) catalytic effect of water on reactions, esp. incombustibilities of rigorously dried gases.

1. Partington, J. R. *A History of Chemistry*; Macmillan: 1964; vol. 4, p621-633.
2. *Nature* **1930**, *126*, 511-512.
3. *J. Chem. Soc.* **1931**, 3349-3368.
4. *Proc. Roy. Soc. A* **1932**, *134*, i-xvii.
5. *Dictionary of Scientific Biography*; Charles Scribner's Sons: 1970-1990; vol. 4, p130.
6. *Proc. Am. Acad. Arts Sci.* **1952**, *81*, 46-47.
7. *British Chemists*; Findlay, A., and Mills, W. H., Eds.; The Chemical Society: 1947; p126-145.