

GENEALOGY DATABASE ENTRY

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Bergman, Tobern Olof

1735 - 1784

DEGREE: PhD (mathematics) DATE: 1758

PLACE: Uppsala

TEACHER/RESEARCH ADVISOR: Ferner

introduced binomial nomenclature for salts; started new classification of minerals based upon chemical composition; wrote book on blow pipe analysis; founded quantitative inorganic analysis and developed quantitative methods to determine Ca, Pb, and sulfuric acid; introduced idea of constant combining proportions; studied chemistry of alum; drew up comprehensive tables of chemical affinities; discovered pyroelectric effect in tourmaline crystals; studied silicic acid solutions, zeolites, and hydrothermal recrystallization of quartz.

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4. Partington, J. R. *A History of Chemistry*; Macmillan: 1962; vol. 3, p179-199.
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6. *Crells Ann. Chem.* **1787**, *7*, 74-96.
7. *A Biographical Dictionary of Scientists*; Williams, T. I., Ed.; Wiley: 1969; p49.
8. *Svenkst Biografiskt Lexikon*; Albert Bonniers: 1918-1985; vol. 3, p591-605.
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