

GENEALOGY DATABASE ENTRY

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Stock, Alfred

1876 - 1946

DEGREE: PhD

DATE: 1899

PLACE: Berlin

TEACHER/RESEARCH ADVISOR: Fischer

founder of boron hydride and silicon hydride chemistry, discovered B_2H_6 , B_4H_{10} , $B_{10}H_{14}$, Si_3H_8 , and Si_4H_{10} ; developed chemical high vacuum techniques, including the mercury valve and automatic Toepler pump; studied chronic mercury poisoning; discovered borazine.

FOOTNOTE: After obtaining his PhD degree, Stock spent a year in Paris as Moissan's assistant. Stock's interest in inorganic chemistry is a result of this collaboration.

1. *Dictionary of Scientific Biography*; Charles Scribner's Sons: 1970-1990; vol. 13, p70-71.
2. *Chem. Ber.* **1950**, 83, xix-lxxvi.
3. *Great Chemists*; Farber, E., Ed.; Interscience: 1961; p1421-1432.
4. Asimov, I. *Asimov's Biographical Encyclopedia of Science and Technology (2nd Ed.)*; Doubleday: 1982; p659.
5. Partington, J. R. *A History of Chemistry*; Macmillan: 1964; vol. 4, p925.