

GENEALOGY DATABASE ENTRY

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Bray, William Crowell

1879 - 1946

DEGREE: PhD

DATE: 1905

PLACE: Leipzig

TEACHER/RESEARCH ADVISOR: Luther

worked in the fields of kinetics, qualitative analysis, and ionization; formulated a general relation connecting concentration and solution conductances; brought (with A. A. Noyes and E. B. Spear) qualitative analysis from an empirical science to a firm theoretical basis; invented (with Lamb, Frazer, Almquist, and others) "hopcalite" (Hopkins-California), an effective mixed-oxide catalyst for the low temperature oxidation of CO; studied the triiodide equilibrium, the effect of salts on the solubilities of other salts, the hydrolysis of halogens, molten salt solutions, and the oxidation of hydrazine.

1. *Biog. Mem. Nat. Acad. Sci.* **1951**, 26, 13-24.
2. *Science* **1946**, 104, 500.
3. *National Cyclopaedia of American Biography*; James T. White & Co.: 1921-1984; vol. 35, p122.