

# GENEALOGY DATABASE ENTRY

©Vera V. Mainz and Gregory S. Girolami 1998

Liebermann, Carl Theodore

1842 - 1914

DEGREE: PhD

DATE: 1865

PLACE: Berlin

TEACHER/RESEARCH ADVISOR: Baeyer

discovered the Liebermann dyes, prepared from action of nitrosophenols on phenols in the presence of sulfuric acid; discovered the Liebermann reaction between nitrous acid, phenols, and secondary amines; synthesized dihydroxyanthraquinones and studied their ability to be mordanted; prepared amino-naphthols from nitrophenols; showed that alizarin is derived from anthracene and that purpurin was trihydroxyanthraquinone.

1. *Dictionary of Scientific Biography*; Charles Scribner's Sons: 1970-1990; vol. 8, p328-329.
2. Partington, J. R. *A History of Chemistry*; Macmillan: 1964; vol. 4, p790.
3. *Ber.* **1918**, 51(2), 1135-1204.
4. *Chem. Ztg.* **1939**, 39(27), 165-167.