

Liebig condenser
benzilic acid rearrangement (**1838**)

LIEBIG TREE #5

© Dr. John Andraos, 2002

Carl Schmidt
(Giessen, 1844)

Ostwald dilution law (**1888**)
concept of catalysis (**1894**)
rates of chemical reactions; chemical equilibrium
Chemistry Nobel 1909

Arthur A. Noyes
(Leipzig, 1890)

Roscoe G. Dickinson
(Cal Tech, 1920)

Linus Pauling
Pauling electronegativity scale
(**1932**); hybridization concept in
chemical bonding (**1948**); structure
of alpha helix in proteins (**1951**);
co-ordination theory of crystal structures;
Corey-Pauling-Koltun space filling
models (**1959**)
Chemistry Prize 1954
Peace Prize 1962

William N. Lipscomb, Jr.
Structure of boranes
Chemistry Nobel 1976

Edgar B. Wilson, Jr.
(Cal Tech, 1933)

Jerry Donohue
(Cal Tech, 1947)
Adenine-thymine
and guanine-cytosine
base pairing by
keto forms (**1956**)

William H. Eberhardt
(Cal Tech, 1945)

Charles D. Cornwell
(Harvard, 1951)

George Wilse Robinson
(Georgia Inst. Tech., MA 1949;
Iowa, Ph.D. 1952)

Elliott R. Bernstein
(Cal Tech, 1967)

Richard E. Smalley
Discovery of fullerenes, C₆₀ (**1985**)
Chemistry Nobel 1996