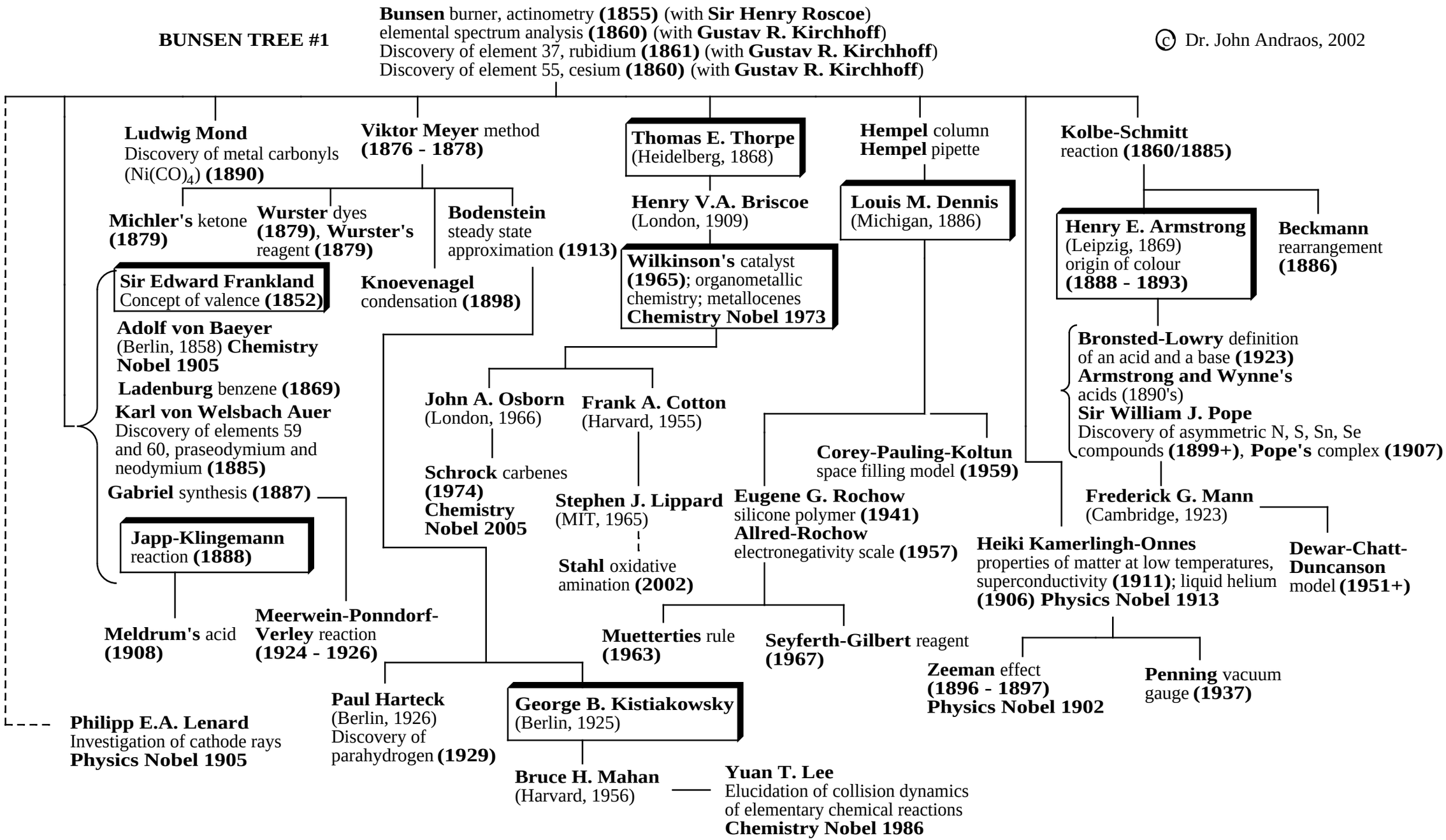
BUNSEN TREE #1
Bunsen burner, actinometry (1855) (with Sir Henry Roscoe)
elemental spectrum analysis (1860) (with Gustav R. Kirchhoff)
Discovery of element 37, rubidium (1861) (with Gustav R. Kirchhoff)
Discovery of element 55, cesium (1860) (with Gustav R. Kirchhoff)
© Dr. John Andraos, 2002
Ludwig Mond
Discovery of metal carbonyls
(Ni(CO)4) (1890)
Viktor Meyer method
(1876 - 1878)
Thomas E. Thorpe
(Heidelberg, 1868)
Hempel column
Hempel pipette
Kolbe-Schmitt
reaction (1860/1885)
Michler's ketone
(1879)
Wurster dyes
(1879), Wurster's
reagent (1879)
Bodenstein
steady state
approximation (1913)
Henry V.A. Briscoe
(London, 1909)
Louis M. Dennis
(Michigan, 1886)
Henry E. Armstrong
(Leipzig, 1869)
origin of colour
(1888 - 1893)
Beckmann
rearrangement
(1886)
Sir Edward Frankland
Concept of valence (1852)
Knoevenagel
condensation (1898)
Wilkinson's catalyst
(1965); organometallic
chemistry; metallocenes
Chemistry Nobel 1973
Adolf von Baeyer
(Berlin, 1858) Chemistry
Nobel 1905
Ladenburg benzene (1869)
Karl von Welsbach Auer
Discovery of elements 59
and 60, praseodymium and
neodymium (1885)
Gabriel synthesis (1887)
Bronsted-Lowry definition
of an acid and a base (1923)
Armstrong and Wynne's
acids (1890's)
Sir William J. Pope
Discovery of asymmetric N, S, Sn, Se
compounds (1899+), Pope's complex (1907)
John A. Osborn
(London, 1966)
Frank A. Cotton
(Harvard, 1955)
Corey-Pauling-Koltun
space filling model (1959)
Schrock carbenes
(1974)
Chemistry
Nobel 2005
Stephen J. Lippard
(MIT, 1965)
Eugene G. Rochow
silicone polymer (1941)
Allred-Rochow
electronegativity scale (1957)
Frederick G. Mann
(Cambridge, 1923)
Dewar-Chatt-
Duncanson
model (1951+)
Japp-Klingemann
reaction (1888)
Stahl oxidative
amination (2002)
Heiki Kamerlingh-Onnes
properties of matter at low temperatures,
superconductivity (1911); liquid helium
(1906) Physics Nobel 1913
Meldrum's acid
(1908)
Meerwein-Ponndorf-
Verley reaction
(1924 - 1926)
Muetterties rule
(1963)
Seyferth-Gilbert reagent
(1967)
Zeeman effect
(1896 - 1897)
Physics Nobel 1902
Penning vacuum
gauge (1937)
Paul Harteck
(Berlin, 1926)
Discovery of
parahydrogen (1929)
George B. Kistiakowsky
(Berlin, 1925)
Philipp E.A. Lenard
Investigation of cathode rays
Physics Nobel 1905
Bruce H. Mahan
(Harvard, 1956)
Yuan T. Lee
Elucidation of collision dynamics
of elementary chemical reactions
Chemistry Nobel 1986