

BRITISH TREES

Walter M. Fletcher
(Cambridge, 1868)

Hill plot (1910)

Ralph H. Fowler
(Cambridge, 1915)

Dirac bra-ket notation
Dirac h
Fermi-Dirac statistics (1926)
contributions to atomic theory
(quantum mechanics)

Guggenheim method
(1926)

Hartree unit of energy
Hartree equation
(1928 - 1929)
Hartree-Fock-Roothaan
method (1951)

Subramanyan
Chandrasekhar
structure and evolution
of stars

Lennard-Jones potential
(1924); concept of molecular
orbital as a linear combination of
atomic orbitals (LCAO approximation (1929))

John Desmond Bernal
(Cambridge, 1923)

Max Perutz
structure and function
of hemoglobin
(1950's to 1970's)

Dorothy Crowfoot Hodgkin
X-ray structure of penicillin (1949),
vitamin B12 (1957), and
insulin (1969)

Watson-Crick base pairing
Watson-Crick DNA model (1953)

Aaron Klug
development of crystall-
ographic electron micro-
scopy; structure elucidation
of nucleic acid-protein
complexes

John A. Pople
development of
computational methods
in quantum chemistry
(*ab initio* calculations)

Charles A. Coulson
(Cambridge, 1936)

William E. Moffitt
(Oxford, 1948)

Berry pseudorotation
(1960)