AMERICAN TREE #4

James Flack Norris
(Johns Hopkins, 1895)

Charles J. Pedersen
structure specific inter-actions of high selectivity; macrocyclic chemistry

Avery A. Ashdown
(MIT, 1924)

Fieser-Woodward rules **(1941)**
Woodward's reagent **(1961)**
Woodward-Hoffman rules **(1965)**
total synthesis of natural products:
quinine **(1944)**; patulin **(1950)**; cholesterol **(1951)**; cortisone **(1951)**; lanosterol **(1954)**; lysergic acid **(1954)**; strychnine **(1954)**; reserpine **(1956)**; chlorophyll **(1960)**; tetracyclines **(1962)**; colchicine **(1963)**; cephalosporin C **(1965)**

Kemp reaction **(1967)**
Kemp's triacid **(1981)**

Shapiro reaction **(1967)**

Leffler hypothesis **(1953)**

BeMaHaPoThLe principle **(1967)**

Graham reaction **(1965)**

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