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Chromenes are fairly common netural products. Wirtually unknown until 1936. Many plant products possess a phenolic nucleus having an isopreroid unit attached to carbon or oxygen. In chromenes both type of a attachments are present simultaneously giving rise to a ring system. A large number of compounds o courring in plants contain the 2.2-di-methyl chromene system no table among them being coumarins, flavoroids and quinolines. The 2,2-dimethyl unit represent a special case of an isoprenoid system being united simultaneously to carbon and oxygen. Usually one such chromene unit is present in a molecule, but recently commounds containing two chromere units have been encourtered as natural products. Nearly all chromenes are 2,2 dimethylchromenes formed by combining one isopreroid unit with a phenolic system, with few exceptions.

Naturally occurring chromenes have been classified under following heads:

(1) Simple chromenes

(substituted, 2,2-dimethyl, and 4 phenyl) Group A

- (2) Chromeno ∠ pyrones
 (3) Chromeno √ pyrones
 (simple, xanthones, flavones and
- (4) Chromeno chalcones Group D

Group C

Cereral methods of preparation of chromenes and their general properties have been discussed. The different paths suggested for biogenesis have been dealt with. A list of 150 naturally occurring chromenes with app. 200 references has been given.

(soflavones)