

## 26 *Solanum anguivi* Lamk. (Brhati)

Drug consists of dried whole plant of *Solanum anguivi* Lamk. (syn. *S. violaceum* Ortega; *S. sodomeum* Linn.; *S. indicum* auct. non Linn.) (A, B & C); Fam. Solanaceae. The plant is prickly, erect shrub; growing wildly throughout the warmer parts of India.



A. Plant



B. Dried stem, root, leaf, fruit



C. Flowering branch

Plate 26.1 *Solanum anguivi* Lamk.

### Chemical Constituents

#### *Major*

Dioscin, methyl protodioscin, protodioscin; solasonine and solamargine which on hydrolysis gave solasodine; methyl protoprosapogenin A of dioscin, narigenin, diosgenin; 3β-(*p*-hydroxy)-benzoyloxy-22α-hydroxy-4α-methyl-5α-stigmast-7-en-6-one; β-sitosterol-3-*O*-β-D-glucoside, indioside A; carpesterol, β-sitosterol, a mixture of β-sitosterol and stigmasterol, lanosterol.

