

## 52 DIOSPYROS Linn. (Ebenaceae)

### SPECIES COVERED

*D. andamanica* (Kurz) Bakh.

*D. angustifolia* (Miq.) Koesterm. syn. *Maba nigrescens* Dalz.

*D. buxifolia* (Blume) Hiern syn. *D. microphylla* Bedd.

*D. candolleana* Wight

*D. chloroxylon* Roxb.

*D. discolor* Willd. syn. *D. mabola* Roxb.

*D. ebenum* Koen.

*D. exsculpta* Buch.-Ham. syn. *D. tomentosa* Roxb.

*D. ferrea* (Willd.) Bakh.f. syn. *Maba buxifolia* (Rottb.) A. Juss.

*D. grata* Wall. ex DC.

*D. insignis* Thw.

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*D. kaki* Linn.f.

*D. kurzii* Hiern

*D. lancifolia* Roxb. (lancaefolia)

*D. lotus* Linn.

*D. malabarica* (Desr.) Kostel syn. *D. embryopteris* Pers.; *D. peregrine* Gurke

*D. marmorata* Parker syn. *D. oocarpa* auct. non Thw.

*D. melanoxylon* Roxb.

*D. montana* Roxb. var. *cordifolia* (Roxb.)

Hiern syn. *D. Montana* auct. non Roxb., p.p.; *D. cordifolia* Roxb.

*D. pilosula* Wall. ex G. Don

*D. pruriens* Dalz.

*D. sylvatica* Roxb.

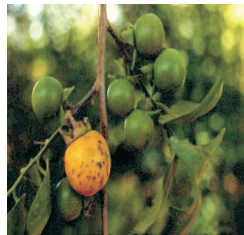
*D. toposia* Buch. - Ham.

*D. variegata* Kurz

*D. virginiana* Linn.



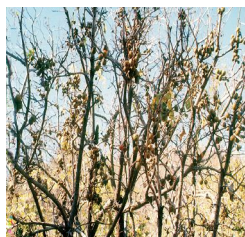
*Diospyros discolor*  
Willd.



*Diospyros montana*  
Roxb. var. *cordifolia*  
(Roxb.) Hiern



*Diospyros malabarica*  
(Desr.) Kostel



*Diospyros melanoxylon* Roxb.



### OTHER ASPECTS COVERED

Habit and habitat

Regional and other names

Ayurvedic description

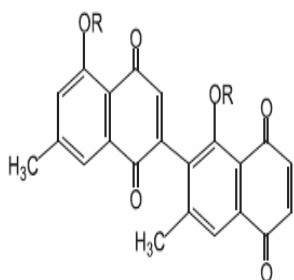
Properties and uses ascribed

Ethnobotanical studies

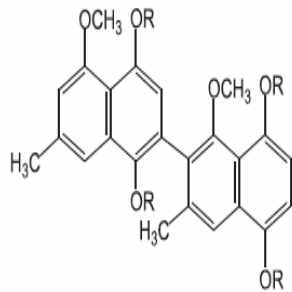
Chemical studies

Pharmacological and biological studies

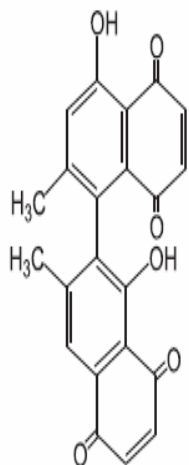
### Major Bioactive Phytoconstituents of *Diospyros* Species



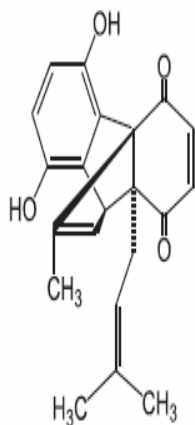
Diospyrin R = H  
 Diospyrin dimethylether R = CH<sub>3</sub>



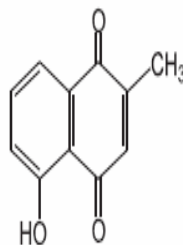
Diospyrin, tetraacetoxy derivative R = COCH<sub>3</sub>  
 Diospyrin, tetrahydroxy derivative R = H



Isodiospyrin



Microphyllone



Plumbagin