

KEY TO SPECIES OF SECT. DIOSCOREIFOLIAE

Leaves palmately divided; styelar column more or less distally clavate but not with a stigmatiform apex; pistillate sepals entire or pinnatifid. subsect. SYLVATICAE

Pistillate sepals entire, *ovary hispidulous; stamens 10-35*

*peckolliae*

Leaflets usually 5; stipules of involucral bracts at least 1.5 cm long; seeds over 5 mm long. D. pentaphylla

Leaflets usually 3; stipules of involucral bracts less than 1.5 cm long; seeds ~~more~~ less than 5 mm long. D. sylvestris (s.l.)

Pistillate sepals pinnatifid

Leaves palmately parted; involucral stipules ~~more~~ less than 1 cm broad.

Leaflets 3; peduncles not alate-angled;

Ovary ~~hispidulous~~; stamens mostly 10-30.

Stems hirsute; staminate bracts entire; involucral bracts over 2 cm long; lobes of pistillate sepals glandular-capitate. D. websteri

Stems puberulent; staminate bracts fimbriate-margined; involucral bracts not over 1.5 cm long; lobes of pistillate sepals not glandular-capitate. D. juruana

*D. allenii* ? →

2.5 ?

~~Stems puberulent; staminate bracts fimbriate-margined; involucral bracts not over 1.5 cm long; lobes of pistillate sepals not glandular-capitate.~~  
~~D. allenii~~

Leaflets 5;

Peduncles alate-angled; pistillate sepals deeply pinnatifid, the lobes much exceeding rachis; ovary hispidulous D. alata

Peduncles not alatae-angled; stamens 30-60; ovary glabrous. D. psilogyne

Leaves unlobed or lobed, not parted; ~~stelar column with a distinct stigmatiform apex.~~

Stigma not dilated, less than 1.5 mm across.

Pistillate sepals entire or bifid; involucral bracts less than 2 cm long; stamens c. 20; leaves unlobed. ARCICAE D. arciana

Pistillate sepals deeply pinnatifid; stipules ~~more~~ of involucral bracts well over 5 mm long. ULEANAE

Twining vines; involucral bracts mostly over 1 cm broad.

(DIOSCOREIFOLIAE cont.)

invol. cuneate-3-lobed, margins  
Stems densely golden-hirsute; bracts/sericeous-strigose  
on both faces; stamens 60-90. D. shankii

Stems merely puberulent; involucrel bracts with lacerate  
margins, not sericeous-strigose.

Leaves unlobed; bracts yellowish-white or greenish-white;  
bracteal stipules less than 1.5 cm long; stamens 18-33.

→ D. berlinii D. canescens

Leaves 3-lobed; bracts purplish; bracteal stipules 1.5  
cm long or more; stamens 50-90 D. uleana

Erect shrubs; stems glabrous; involucrel bracts not over 1 cm  
broad, purplish, margins lacerate; stamens c. 25-30.

D. hutchinsoniana

Apex of stylar column dilated into a peltate "stigma" over 1.5 mm  
across.

DIOSCORIAEFOLIAE s. str.

Leaves unlobed or 3-lobed; involucrel bracts over 2 cm long, pink to  
Fruiting sepals less than 15 mm long; ovary hispidulous; purple.  
adaxial pistillate bractlets absent; stamens 20-35;  
styles 3-6 mm long; leaves always unlobed.

cordate-sessile,  
Involucrel bracts rose-purple, mostly 4-7 cm long, margins  
denticulate; involucrel peduncle 2.5-6 cm long; involucrel  
stipules not recurved; resin gland yellow; stigmas and  
staminate bractlets pinkish. D. aristolochiifolia

Involucrel bracts pink with reddish veins, mostly 2.5-3.5 cm  
long, unguiculate, margins lacerate; involucrel peduncle  
1-2.3 cm long; involucrel stipules sharply recurved; resin  
gland purplish; stigmas and staminate bractlets greenish.

D. dioscoreifolia

Fruiting sepals 15 mm long or more; ovary glabrous;  
adaxial pistillate bractlets 2.5-3.5 mm long; staminate flowers  
10-12, stamens 25-65; styles 10 mm long or more; leaves  
unlobed or 3-lobed. D. cujabensis

Leaves 5-lobed; involucrel bracts whitish, c. 1 cm long;  
staminate flowers 7-9, stamens 17-25; involucrel stipules  
5-7 mm long. D. albibracteata

D. karsteniana