

Celtis species in Gardens (L.Hatch 1989)

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1. leaves pubescent at least on one side when young.....10

1. leaves glabrous on both side when young.....2

2. leaf teeth large and incurved.....8

2. leaf teeth small and at the apex only.....*Celtis bungeana*

5. a tree & leaves light green & often cordate & strongly veined.....*Celtis laevigata*

5. a tree & leaves dark green & cuneate & weakly veined.....*Celtis reticulata*
(adult phase on mature trees)

5. a shrub & leaves light green & cuneate & weakly veined.....*Celtis pumila*
(occidentalis var. *pumila*)

8. leaves dark green above.....*Celtis glabrata*

8. leaves blue to grey above.....*Celtis tournefortii*

10. leaves mostly entire.....5

10. leaves toothed in most leaves.....12

12. leaves lanceolate to ovate-lanceolate.....*Celtis australis* and *C. caucasica*

12. leaves ovate to oval or orbicular.....14

14. leaf apex obtuse to truncate & blade often orbicular.....*Celtis koraiensis*

14. leaf apex acuminate to acute & blade ovate to oval.....16

16. leaves serrate above the middle.....20

16. leaves serrate on entire margin.....17

17. young shoots very pubescent & some cordate & leaves to 7 in. long.....*Celtis occidentalis* var. *occidentalis*

17. young shoots weak pubescent & rotund & leaves to 4 in. long.....*Celtis occidentalis* var. *cordata* (*crassifolia*)

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20. leaves whitish pubescent below.....Celtis jessoensis
20. leaves paler green below.....Celtis biondii
20. leaves yellowish tomentose below.....Celtis julianae
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