

## HACKBERRY WITCHES BROOM

- Natural range -** This condition can be found throughout the U.S.
- Species affected -** Common hackberry, *Celtis occidentalis*.
- Symptoms -** Occurrence of witches brooms on the branches of hackberry
- Importance -** The witches' brooms are unsightly on ornamental and shade trees grown in urban settings.
- Remarks -** This condition is believed caused by a complex of a powdery mildew fungus, *Sphaerotheca phytophila* and an eriophyid mite, *Aceria* spp.



Left – Close-up of witches' broom on hackberry  
Right – Hackberry with numerous witches' brooms