




Diversity of *Crataegus* in North America
with Particular Reference to
Southeastern U.S. species



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Crataegus Study Day
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There are approximately 240 recognizable hawthorn (*Crataegus*) taxa in North America, amid \approx 1300 published names.

In western North America, at least 27 taxa occur.

Mexico has at least 22 taxa.

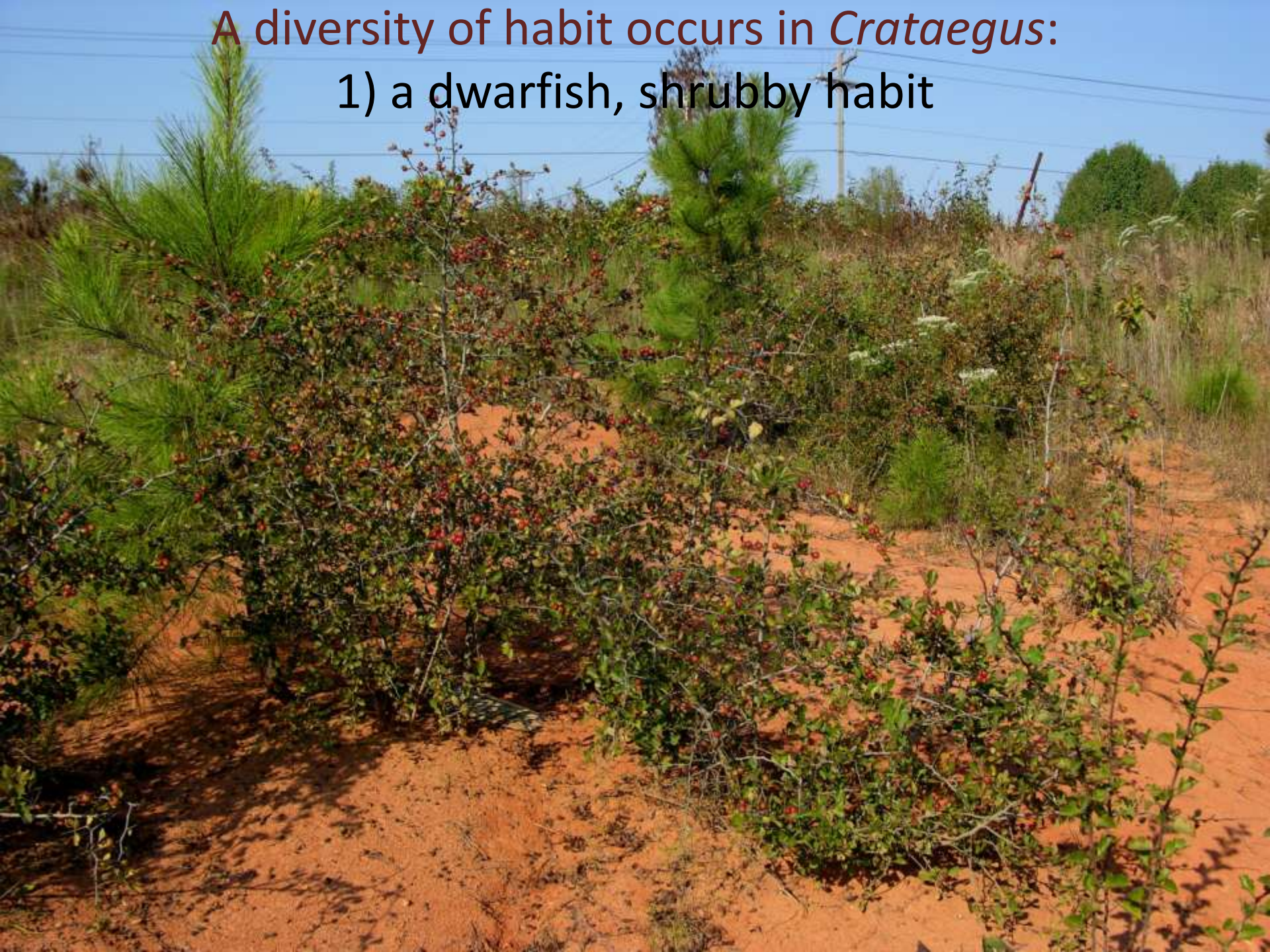
In the northeastern U.S. and eastern Canada, at least 60 taxa are accepted.

In the central and southeastern U.S. region, about 130 taxa are discernable from \approx 525 published names.

Some of the most conspicuous, useful and unusual species native to North America and particularly from the Southeast U.S. will be the focus of this program.

A diversity of habit occurs in *Crataegus*:

1) a dwarfish, shrubby habit



2) a typical shrubby habit



3) a treelike habit



Western North American *Crataegus*: at least 24 species



C. douglasii



C. erythropoda



C. williamsii

Mexican *Crataegus*: at least 20 taxa



C. mexicana



C. rosea subsp. *parryana*



C. tracyi (also in Texas)



C. tracyi
Tracy Haw





Crataegus crus-galli – Cockspur Hawthorn



var. *pyracanthifolia*



Crataegus berberifolia – Barberry hawthorn



Crataegus ashei

Ashe Hawthorn



Crataegus harbisonii

Harbison Hawthorn





Crataegus triflora
Threeflower Haw



Crataegus brachyacantha

Blueberry Haw



C. spathulata – Littlehip hawthorn





Crataegus spathulata
Littlehip Hawthorn



C. marshallii – Parsley Hawthorn



Crataegus phaenopyrum

Washington Haw



C. phaenopyrum 'Vaughn'



C. viridis 'Winter King'



Crataegus viridis – Green hawthorn



var. lanceolata



Mayhaw
Crataegus
aestivalis



Crataegus punctata

Dotted Haw



Crataegus macrosperma – Eastern hawthorn



Crataegus oreophila - Balsam Mountain Haw



Balsam Mountain hawthorn



Macracanthae series are mostly northwestern-to-northeastern
North American species

Crataegus macracantha
Large spine Hawthorn

Crataegus succulenta
Succulent Hawthorn





Crataegus calpodendron

Pear Haw



Crataegus coccinea – Scarlet Hawthorn

Crataegus coccinioides

Kansas Hawthorn



Crataegus mollis
Downy Hawthorn



Other allied taxa
of *Crataegus mollis*:

Crataegus lanuginosa of Missouri



Crataegus viburnifolia of Texas



Crataegus pennsylvanica

Pennsylvania Haw

C. holmesiana similar and rare



C. pulcherrima
Beautiful Haw



Pulcherrimae series:

related to *Intricatae* but more
Southeastern U.S. in origin



C. sargentii



C. pallens (= *C. venusta* var. *pallens*)

Intricatae series:

many taxa, some not fully understood

C. buckleyi – Buckley's Haw



C. fortunata – Fortune's Haw



C. ouachitensis var. *minor* :
An interesting taxa from Arkansas



Crataegus uniflora – Oneflower hawthorn



Crataegus aprica – Sunny Hawthorn



Crataegus visenda (= *C. sororia* var. *visenda*)



(*Crataegus sororia* has variable forms)



Crataegus lassa – Sandhill hawthorn

(no longer *C. flava* !!)





var. recurva



var. colonica



var. integra



var. lanata

some varieties
of
C. lassa

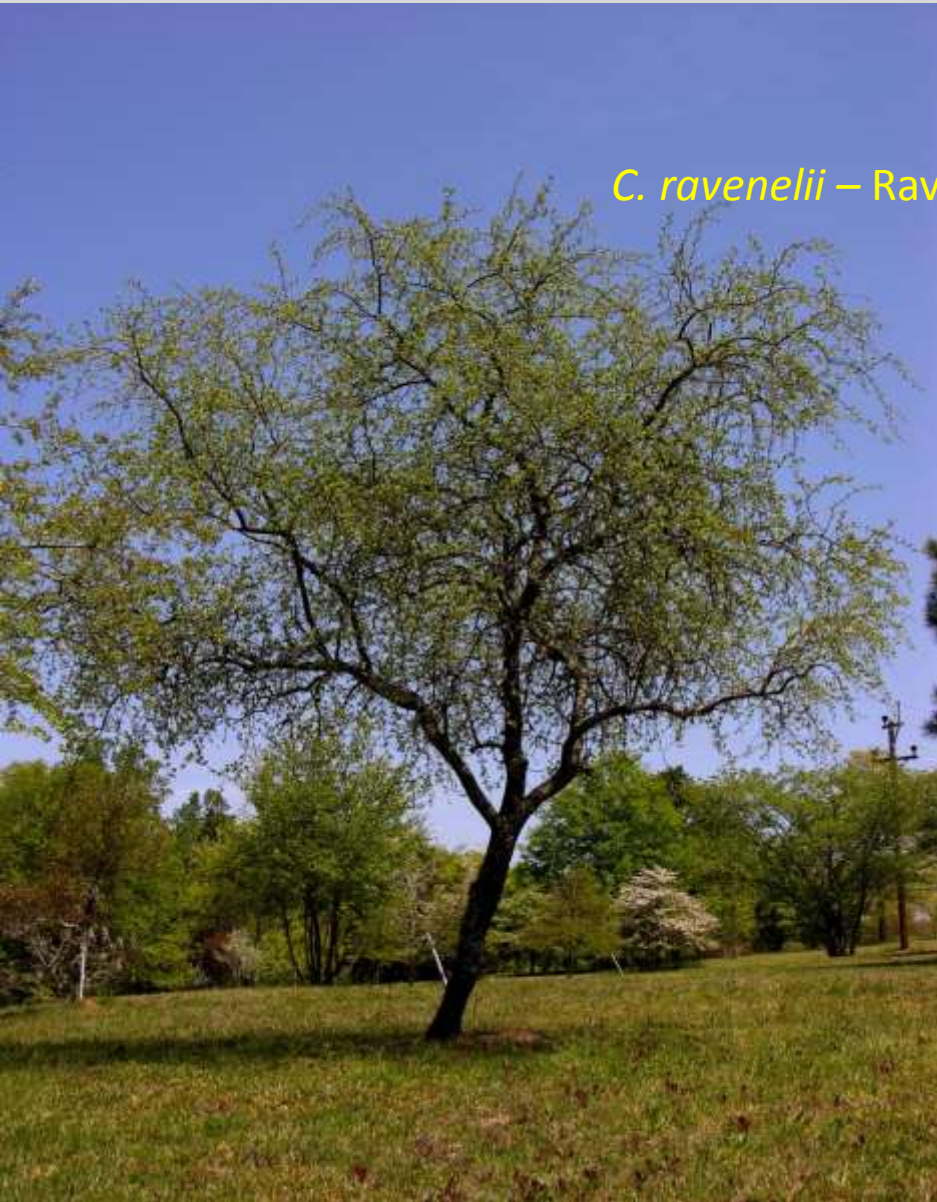
Crataegus lacrimata – Weeping Haw





Crataegus munda
Dwarf Hawthorn

Crataegus alabamensis
varietal forms most common



C. ravenelii – Ravenel's Haw



C. florens – Mississippi Haw



Some lesser-known haws of *Lacrimatae* series



C. furtiva



C. senta



C. lancei



C. dispar

Presentation Terminated

