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 ≈ 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 ≈ 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. williamsii*

*C. erythropoda*
Mexican *Crataegus*: at least 20 taxa

- *C. mexicana*
- *C. tracyi* (also in Texas)
- *C. rosea subsp. parryana*
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 !!)
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