

C. spatulata, Michx. Shrub or small tree 15-24' high.

C. cordata, Nutt. Insect after "west to Mo."
and S. Ill.

3 C. viridis, L. Insect before last sentence
(C. arborescens, Ell.)

C. coccinea, L. (Sarlet - pruned Thorne) A
Shrub or low tree with reddish branches, ~~and~~
stout chestnut-brown spines, ~~and~~ villous pubescent
~~shoots~~; on the shoots + glandular peduncles and
on slender petioles
calyx; leaves, ^{or slender petioles} then, pubescent on the lower surface,
or ^{obtusely} ~~scabrous~~ glabrous, roundish ovate, sharply cut with
glandular teeth or sometimes cut lobed, cuneate
somewhat ^{or slightly} cordate at the base ~~on slender petioles~~;
flowers white ($\frac{1}{2}$ " broad); fruit bright coral red

globular or obovate ($1\frac{1}{2}$ lines) - Thickets +
 rocky banks Newfoundland to Fl., west to
 Minn. + Tex. Passes into

Var. macracantha, Dudley. with longer and
 stouter spines, thicker leaves with ^{nearly entire} cuneate base
 tapering into a stout petiole, ^{sharply} serrate and
 often deeply incised above the middle, pubescent
 or rarely glabrous on the lower surface; broader
 many flowered pubescent cymes + rather larger
 flower + fruit. - Valley of the St Lawrence + E.
 Mass to ^{Manitoba} ~~Colorado~~ + Washington. The extreme
 form is.

Var. mollis, Torr + Gray. A tree 20-30' high.
 with densely pubescent shoots; large broad
 leaves ^{on slender petioles} usually ^{usually} incised into acute, narrow
 angulate lobes, cuneate heart-shaped or broadly
 truncate at the base, often slightly serrate on the

upper surface, the lower more or less densely
 pubescent; broad pubescent cymes with large
 flowers (1' broad) and globular or pear-shaped
 bright scarlet fruit (1" ~~in~~ broad) covered with
 a light bloom. (C. subvittata, Schrad.). E. Mass.

to Tex. & Mo. and Southwest to Tex. & N. Mexico.
 The largest of the northern Thorns, and flowering
 12-15 days earlier than the other form of C.

Coccoloba:

C. punctata, Jacq. A small ^{destitute of glands} tree, with
 horizontal branches.

fruit large globose (1' broad), red or bright
 yellow. - Lower Canada to Ontario & south to the
 high mountains of N. Carolina, and Ga.



Sargent, Charles Sprague. 1837. "Sargent, Charles S. undated plant descriptions." *Asa Gray correspondence*

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