

CONTRIBUTIONS TOWARD A
FLORA OF WYOMING

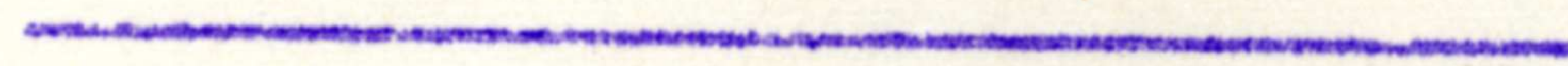
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THE CAPPARIDACEAE OF WYOMING

by

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June 5, 1944



Leaflet No. 5.

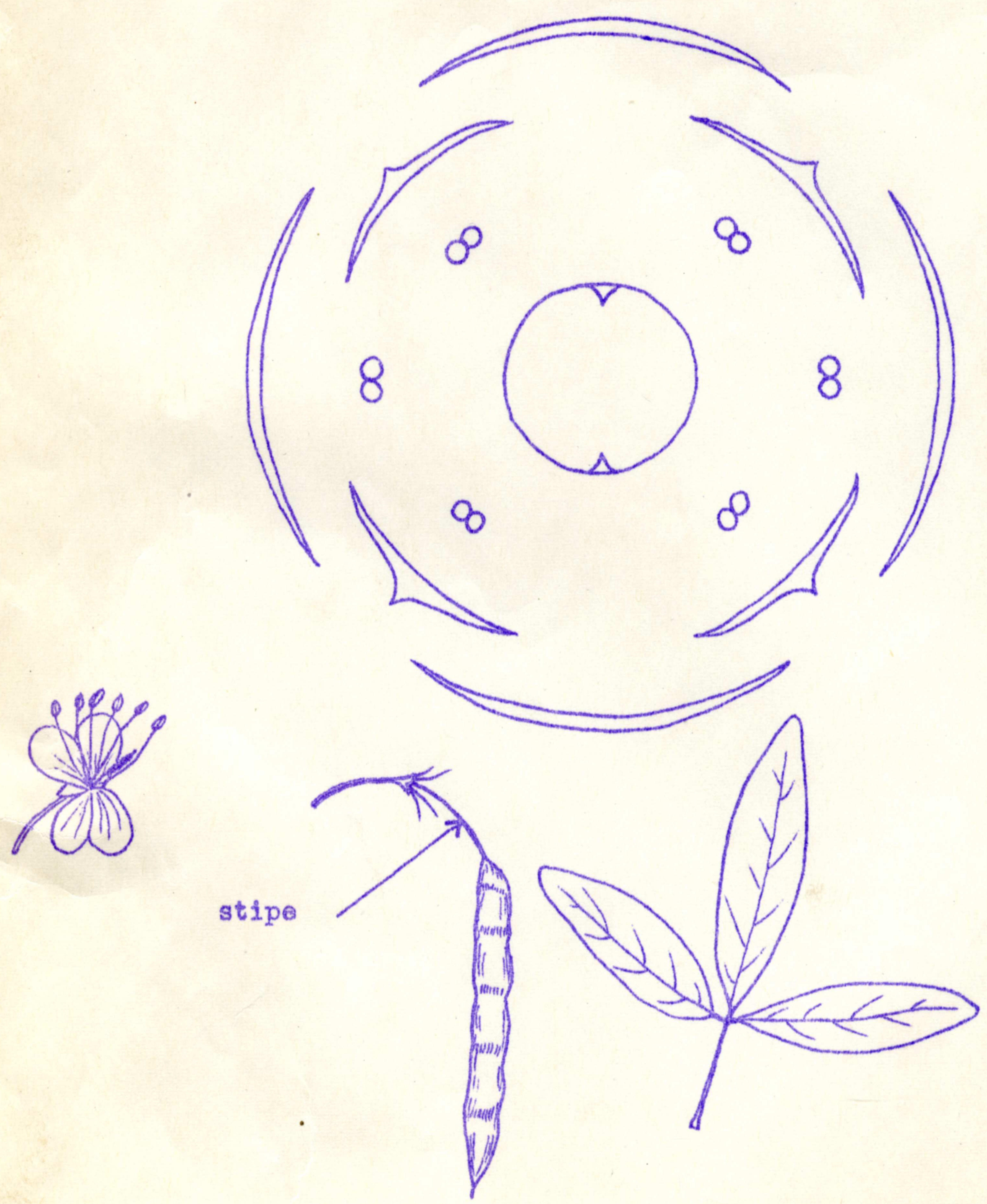
The Rocky Mountain Herbarium
University of Wyoming
Laramie

CAPPARIDACEAE Caper Family

Herbs, in ours, with watery juice and alternate, palmately compound leaves, or those near the inflorescence sometimes simple, the leaflets entire or nearly so. Flowers regular, hypogynous, and perfect, with 4 sepals, 4 clawed petals, 6-16 stamens, and a single pistil of two united carpels, the stigma single, the style short, and the ovary sessile or stipitate, 1-celled, with 2 parietal placentae. Fruit a 2-valved capsule, the valves separating from the placentae.

SPECIAL TERM

stipe - a slender stalk below the ovary and above the receptacle and attachment of the other flower parts.



FLORAL DIAGRAM, AND FLOWER, FRUIT, AND LEAF x 1, OF Cleome serrulata

Key to the genera

- Ovary and pod stipitate, stamens 6 - - - - - 1. Cleome
- Ovary and pod sessile or nearly so, stamens mostly
12-16 - - - - - 2. Polanisia

1. CLEOME L. Cleome, Bee plant

Erect, branching, often weedy annuals with palmately compound leaves and pinkish, white, or yellow flowers in terminal racemes. Stamens 6. Ovary and pod with a long slender stipe.

Key to the species

- Leaves 3-foliolate, flowers usually pink but sometimes
pale or white - - - - - 1. C. serrulata
- Leaves mostly 5-foliolate, flowers usually yellow but
sometimes pale - - - - - 2. C. lutea

1. CLEOME SERRULATA Pursh, Fl. Am. Sept. 441, 1814. Bee plant.

Peritoma serrulatum DC., Prodr. 1:237, 1824.
Cleome integrifolia Torr. & Gray, Fl. N. Am. 1:122, 1838.

A common roadside weed at lower elevations. Albany, Carbon, Crook, Fremont, Johnson, Laramie, Lincoln, Niobrara, Sheridan, Sublette, Uinta, and Weston counties, and Yellowstone National Park. It will probably be found in all counties.

2. CLEOME LUTEA Hook., Fl. Bor. Am. 1:70, pl. 25, 1830. Yellow Bee plant.

Similar to the preceding in habitat but in somewhat warmer and drier regions. Big Horn, Fremont, Natrona, Park, and Sweetwater counties.

2. POLANISIA Raf.

Erect, branching, glandular-pubescent annual with a strong and disagreeable odor. Leaves trifoliolate and entire. Flowers in racemes, pale or yellowish-white, with mostly 12-16 stamens having conspicuous purple filaments, the ovary and pod sessile or nearly so.

1. POLANISIA TRACHYSPERMA Torr. & Gray, Fl. N. Am. 1:669, 1840.

Jacksonia trachysperma Greene, Pitt. 2:175, 1891.

Mostly in dry, sandy soil in warmer regions at low elevations. Albany, Converse, Laramie, Natrona, Niobrara, Park, Platte, and Washakie counties.

Cleome serrulata - - - - - ●
Cleome lutea - - - - - ▲
Polanisia trachysperma - - - - - ■

