

- East of the Rocky mountains; calyx only moderately villous; pedicels canescent. *G. maculatum*.
- Northwestern; calyx and usually pedicels very villous. *G. erianthum*.
- Petals more or less villous within; at least the pedicels conspicuously glandular.
- Stout; flowers purple; glandular hairs rather short, dirty yellow; tip of beak short and thick. *G. incisum*.
- Slenderer; flowers mostly white; hairs long and white, tipped with purple glands; tip of beak longer and slenderer. *G. Richardsonii*.
- More or less spreading and caespitose; leaves of medium size, 30-75 mm.
- Upper leaves mostly as broad as long, with equal cuneate lobes.
- Pedicels, etc., mostly glandular; filaments mostly about equalling the pistil. *G. Fremontii*.
- Usually retrorsely canescent and not glandular; filaments a third longer than the pistil. *G. caespitosum*.
- Upper leaves longer than broad, the terminal lobe longest, ovate-lanceolate. *G. Hernandezii*.
- * Annual or biennial; leaves seldom over 50 mm.; flowers smaller, 4-15 mm.; seeds smooth, reticulate, or pitted.
- Carpels not bristle-bearing above; leaves radiately lobed or mostly dissected.
- Peduncles mostly 1-flowered; leaves 3-cleft, with serrate divisions. *G. Sibiricum*.
- Peduncles 2-flowered; leaves several lobed.
- Peduncles and pedicels long and slender; carpels subglabrous, not wrinkled; seeds deeply pitted. *G. columbinum*.
- Peduncles and pedicels mostly short; carpels hairy or rugose.
- Seed reticulate or pitted.
- Pubescent or short-glandular.
- Coarse; branches uniformly leafy; lobes of leaves rather broad and short; seed very low-ridged except in the variety. *G. Carolinianum*.
- Slenderer; leaves crowded at the ends of the branches, their lobes long and narrow; seed deeply pitted. *G. dissectum*.
- Glandular-villous with purple-tipped white hairs; leaves shallow-lobed; seed reticulate-ridged. *G. rotundifolium*.
- Seed neither pitted nor conspicuously reticulate.
- Carpels finely appressed-pubescent, not wrinkled; flowers pale; stamens five. *G. pusillum*.
- Carpels subglabrous, transversely rugose; flowers deep purple; stamens ten. *G. molle*.
- Carpels bristle-appendaged at the upper end, strongly wrinkled; leaves 1-2-ternately divided; very graveolent. *G. Robertianum*.