

**Family Rosaceae** *Rosa rugosa alba*

*Rosa rugosa* is said to have been brought to Sitka by the Russians. I have a *Rosa rugosa alba* shrub located on the stream that borders my home (1.) All of this *R rugosa* is herbaceous but the species is deciduous. It has a fibrous root habit and readily forms suckers that cause the spreading habit seen in the image. *R Rugosa* has odd-pinnately compound leaves (2) and the leaflets are serrated. There are prickles along the stems (3) and leaf attachment is alternate (1.)

*R Rugosa* has single flowers arising from the pedicle (4) that have 5 sepals and 5 petals (7) with actinomorphic symmetry. The flowers are perfect and contain multiple stamen and unfused carpels (8-11.) The inferior ovary (6, 11, 12) forms large red hips later in the season. The fruit is aggregate and achene, as seen in the un-pollinated (11) and pollinated fruit (12.)