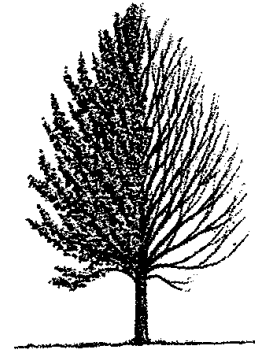
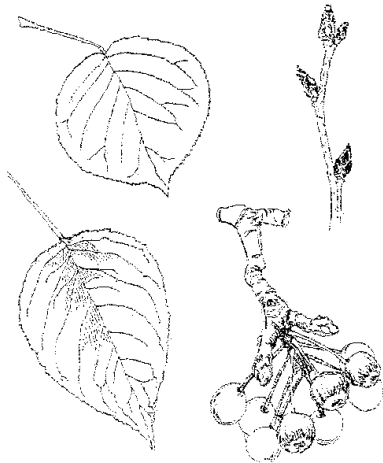


Pyrus

Rosaceae

Pyrus calleryana 'Bradford'

Bradford Callery Pear



GENERAL DESCRIPTION: The actual species *Pyrus calleryana* is a thorny, coarse and irregular tree whose only redeeming feature is a profusion of white early spring flowers. However, the cultivar 'Bradford' and subsequent cultivars have a habit, disease resistance, and flowering intensity that make them acceptable for yards, streets and courtyards. The 'Bradford' cultivar has an attractive pyramidal shape with many branches originating in close proximity to each other. The summer foliage is shiny green turning to purple red in the fall. The bark is lightly furrowed and grayish brown, developing horizontal lenticels with age. This tree is very adaptable to a variety of soils and tolerates dryness and pollution.

HABIT AND SIZE: 30-50' high and 20-35' spread. Pyramidal (tear drop) shape when young becoming broader with time. Rate of growth 1-1.5 to 2-3' per year.

LANDSCAPE VALUE: Excellent as a street tree and for small residential landscapes. a 3 season tree because it has spring flowers, autumn foliage and an attractive winter habit. Some problems with splitting due to concentrated branch initiation in one area of the trunk.

LEAVES: Alternately arrange, simple 1.5-3" long and almost as wide, heart shaped with fine serrations. Leaf color shiny green on top and pale on the underside. Slightly malodorous.

FLOWERS: Dense corymbs (3" dia.) appear in April in NYC with pure white flowers that have 5 sepals and petals, 20 stamens with white filaments and reddish-purple anthers and a pistil with 2 styles, an inferior ovary with 2 carpels each with 2 ovules. Hypanthium 0.125".

FRUIT: A round pome 0.5" in diameter olive brown/tan in color and covered in russet dots.

BUD: Terminal and laterals of similar size; large, ovoid and elongated (0.5"), gray-brown and intensely woolly

DISEASES AND INSECTS: Susceptible to fireblight disease but newer cultivars show good resistance. Insect damage not common but pear blister mite damage has been reported.

HARDINESS AND RANGE: Zones 5-8. Korea, Japan and China.

CULTIVARS: 'Capital'- columnar habit; 'Chanticleer', 'Select', 'Cleveland Select' and 'Stone Hill'- upright pyramidal, flower heavily, resistant to splitting and fireblight and fall color less than 'Bradford'; 'Redspire'- less stiff in outline than 'Bradford' and with a yellow-orange to red fall color but very susceptible to fire blight in the South.