

BLACKBERRIES, RASPBERRIES, & DEWBERRIES

THORNY OR BRISTLY PLANTS WITH SLIGHTLY WOODY
STEMS OF ONE, TWO OR THREE YEARS DURATION. LEAVES
ALTERNATE, COMPOUND WITH 3-5 LEAFLETS. "BERRIES"
EDIBLE.

Many species in this group are quite variable and not infrequently hybridize. For a detailed treatment of New England's Blackberries and Dewberries see the work of A. Hodgdon and F. Steele in vol. 68 of *Rhodora* (1966) pp. 474-513. For information on New England hybrids in this group see the work of the same authors in vol. 72 of *Rhodora* (1970) pp. 240-257, 547.

RASPBERRIES: LEAFLETS WHITE BENEATH. RIPE "BERRIES" LEAVING A SMALL WHITE KNOB BEHIND WHEN PICKED.

Note: Feather-compound vs. fan-compound is illustrated by the leaf prints of 5-leaflet leaves of Red Raspberry vs. Black Raspberry.

RED RASPBERRY *Rubus idaeus*

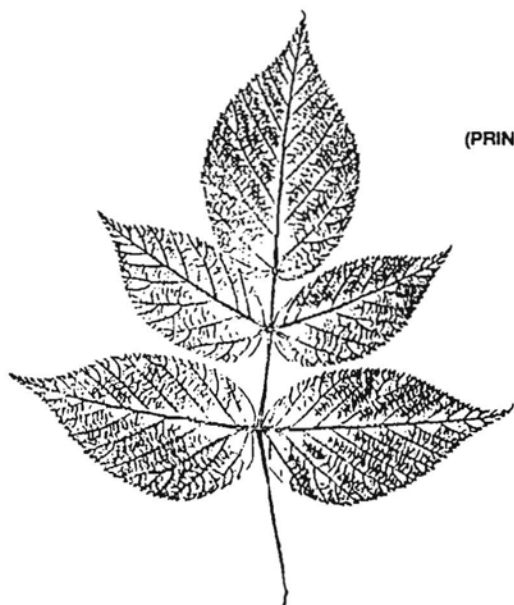
Those leaves with 5 leaflets, feather-compound; 3-leaflet leaves often tending toward this form by lobes on end leaflet. Calyx often bristly. "Berries" red when ripe. Thickets, clearings, roadsides, old pastures. Common.

BLACK RASPBERRY *Rubus occidentalis*

Those leaves with 5 leaflets, fan-compound; 3-leaflet leaves often tending toward this form by lobes on side leaflets. Calyx not (or scarcely) bristly. "Berries" dark purple when ripe. Clearings, rich thickets, borders of woods. Common.

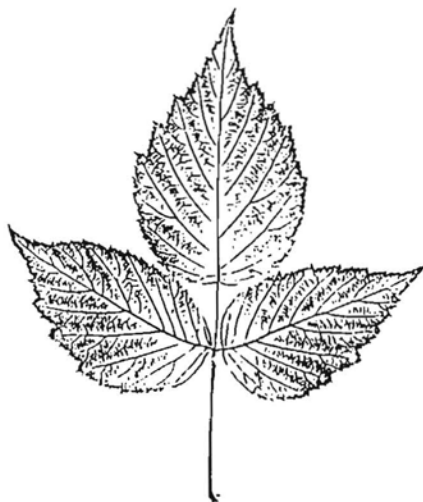


BLACKBERRIES, RASPBERRIES, & DEWBERRIES

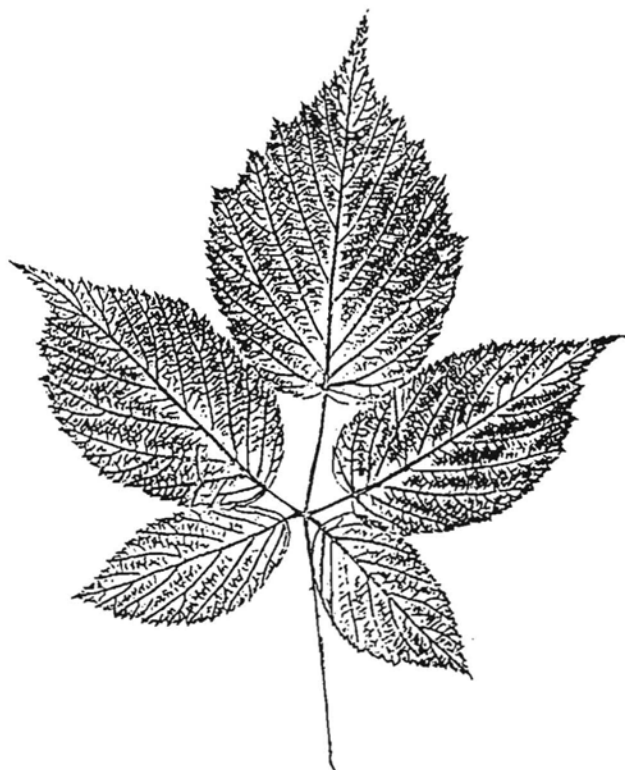


(PRINTS 1/2 SIZE)

RED RASPBERRY



RED RASPBERRY



BLACK RASPBERRY



BLACK RASPBERRY

BLACKBERRIES, RASPBERRIES, & DEWBERRIES

DEWBERRIES & BRAMBLES: STEMS TRAILING OR TENDING TO TRAIL (LOW ARCHING); LEAVES OF FIRST YEAR (NON-FRUITING, NON-FLOWERING) STEMS MOSTLY WITH 3 LEAFLETS.

SWAMP DEWBERRY *Rubus hispidus*

Leaflets small (mostly 3.5-5 cm. long), often dark green and leathery. Stems bristly, without strong prickles. Fruit (flowers) 4-10 per cluster. "Berries" of poor quality. Moist open woods, moist or dry open soil. Common.

ENSLER BRAMBLE *Rubus enslenii*

Stems very slender, .5-2.5 mm. thick (mostly 1-2 mm.). Fruit (flowers) mostly 1-2 per cluster on nearly erect stalks. "Berries" often of good quality. Dryish woods (mostly oak-hickory), ledges and rocky openings. Uncommon.

NORTHERN DEWBERRY *Rubus flagellaris*

Leaves hairless or nearly so beneath. Stems 1.5-4 mm. thick. Fruit (flowers) 1-5 per cluster on nearly erect stalks; uppermost stalks of cluster 1-2 cm. long. "Berries" often of good quality. Fields, sandy areas, roadsides, ledges. Common.

JAYSMITH DEWBERRY *Rubus jaysmithii*

Like the preceding species but leaves hairy beneath. Similar habitats. Uncommon or rare.

ARCHING BRAMBLE *Rubus recurvicaulis*

Sometimes high trailing, forming a dome. Likely to have more 5-leaflet leaves than above species. Fruit (flowers) 1-12 per cluster (mostly 2-8) on stalks not erect; uppermost stalks of cluster .5-1 cm. long. Stems 2-4 mm. thick. "Berries" poor to good in quality. Pastures, fields, roadsides, railroad banks. Rare.



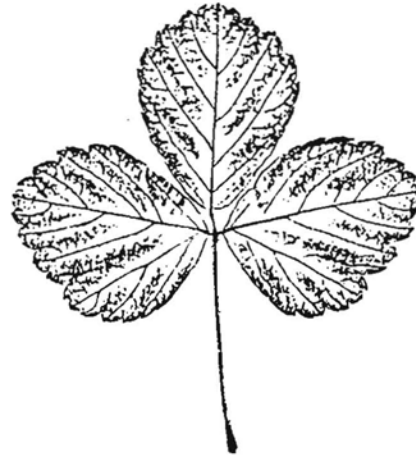
DEWBERRY & BRAMBLE



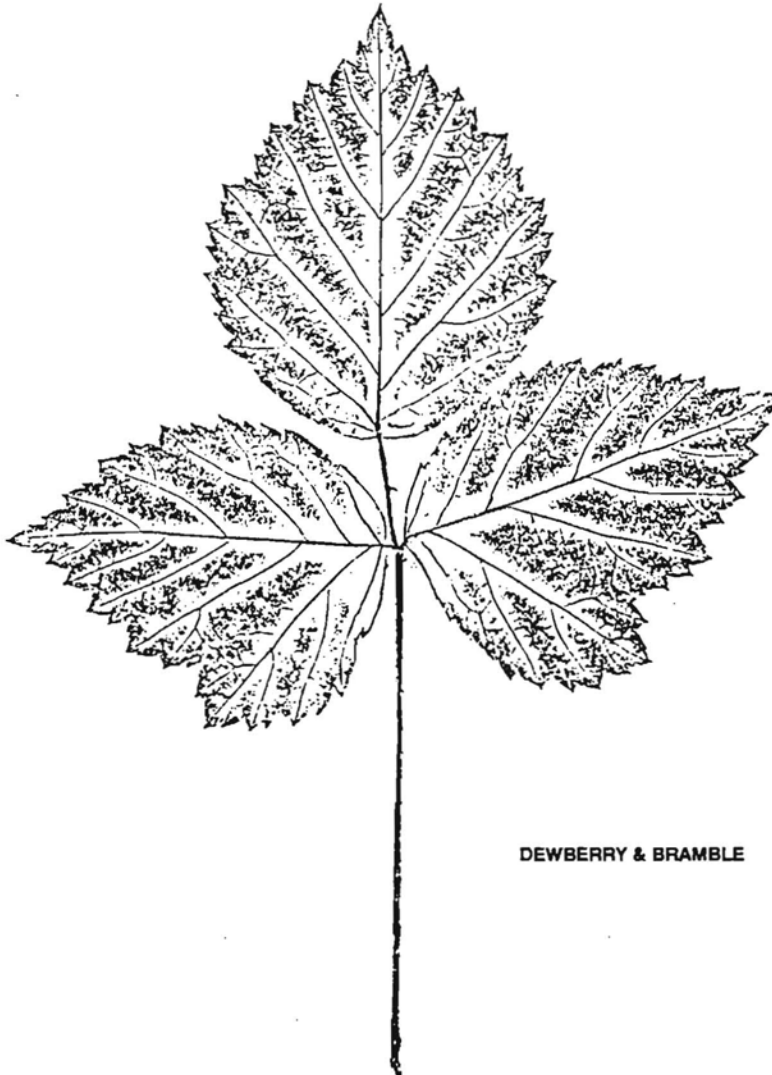
DEWBERRY & BRAMBLE

BLACKBERRIES, RASPBERRIES, & DEWBERRIES

(PRINTS FULL SIZE)



SWAMP DEWBERRY



DEWBERRY & BRAMBLE

BLACKBERRIES, RASPBERRIES, & DEWBERRIES

BLACKBERRIES: ERECT OR ARCHING STEMS; LEAVES OF FIRST YEAR (NON-FRUITING, NON-FLOWERING) STEMS WITH 5 (OCCASIONALLY 3) LEAFLETS.

BRISTLY BLACKBERRY *Rubus setosus*

Leaves hairless beneath. First year stems with very many soft bristles. "Berries" dryish. River bottomlands, damp thickets, grassy swamps. Uncommon.

VERMONT BLACKBERRY

Rubus vermontanus

Leaves essentially hairless beneath. Stems very prickly with stiff, needle-like prickles 2-4 mm. long. "Berries" poor to fair in quality. Sterile fields, thickets. Rare.

ALLEGHENY BLACKBERRY

Rubus allegheniensis

Leaves velvety beneath. Stalk of fruit (flower) clusters hairy and with numerous stalked glands. Mature plants mostly 1-2 meters high. "Berries" of good quality. Roadsides, old fields, cut over woods. Common.

BIGELOW BLACKBERRY

Rubus semisetosus

Like Vermont Blackberry but leaves clearly hairy or velvety beneath. Mature plant less than 1 meter high. "Berries" undeveloped or poor in quality. Thickets, open fields. Rare.

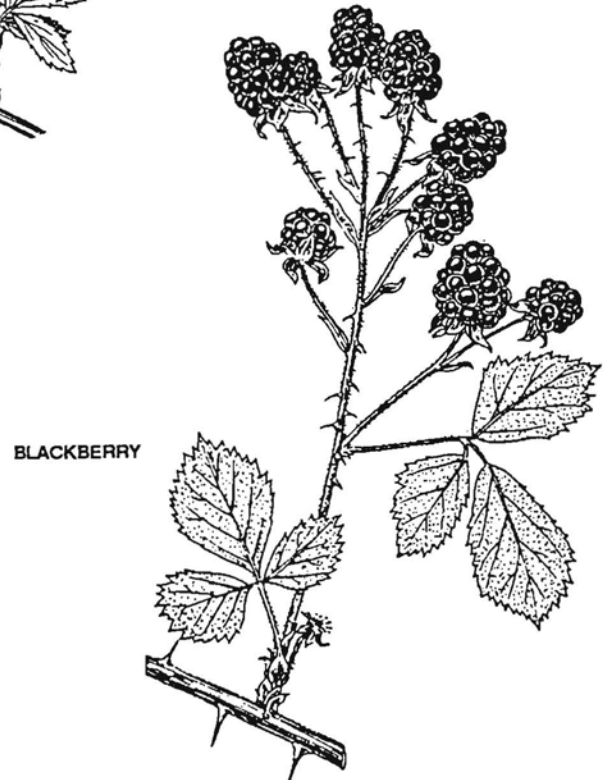
PENNSYLVANIA BLACKBERRY

Rubus pensilvanicus

Stems with about 2 or fewer prickles per cm. Prickles mostly 2-4 mm. long. Stalks of fruit (flower) cluster hairy, essentially glandless, with mostly 1-2 leafy bracts. Mature plants mostly 1-2 meters high. "Berries" fair to good. Thickets, roadsides, swamps, woods. Common.



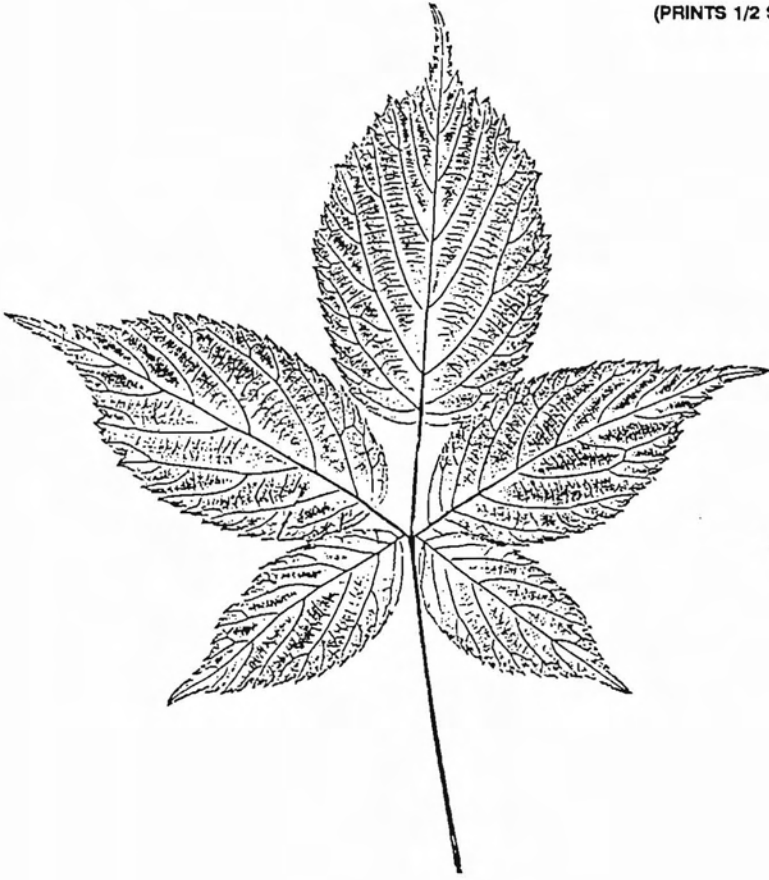
BLACKBERRY



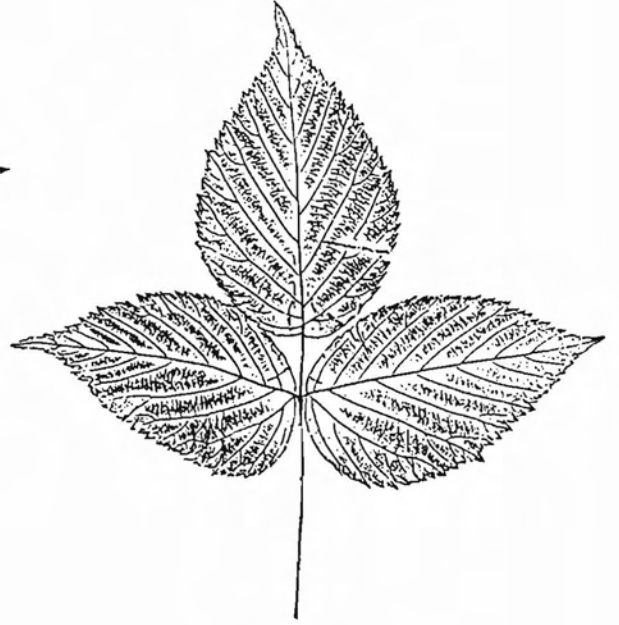
BLACKBERRY

BLACKBERRIES, RASPBERRIES, & DEWBERRIES

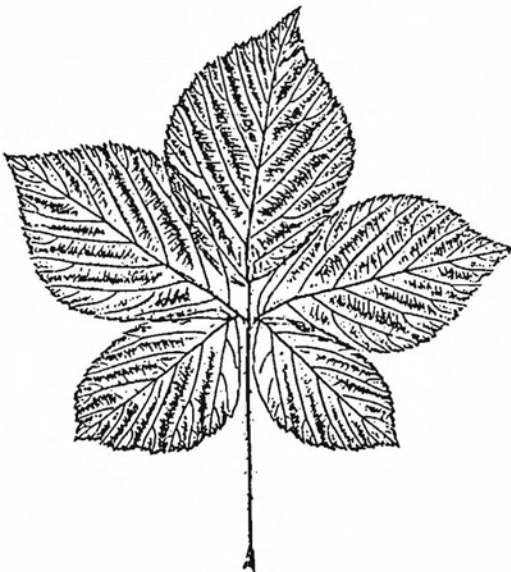
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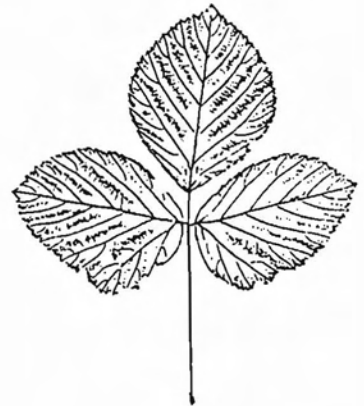
BLACKBERRY



BLACKBERRY



BRISTLY BLACKBERRY



BRISTLY BLACKBERRY

SMALL BOG SPECIES (ALL WITH UNTOOTHED LEAVES.)

SMALL CRANBERRY

Vaccinium oxycoccus

Trailing plant with tiny, narrow alternate leaves (3-10 mm. long, 1-3 mm. wide) pointed at the tips. "Berries" .5-1.0 cm. thick, becoming red, sour. Uncommon.

LARGE CRANBERRY

Vaccinium macrocarpon

Trailing plant with tiny, oblong alternate leaves (6-14 mm. long, 2-6.5 mm. wide) with blunt or rounded tips. "Berries" 1-2 cm. thick, becoming red, sour. Also found in swamps and on wet shores. Common.

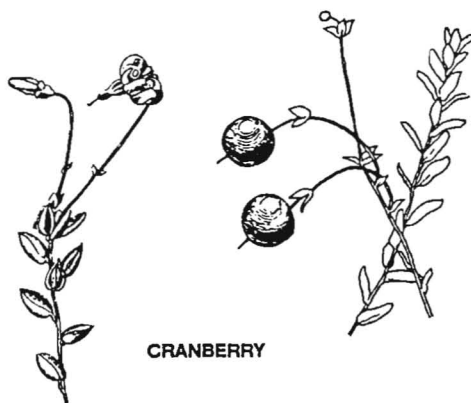
PALE LAUREL *Kalmia polifolia*

Straggling plant with narrow, opposite leaves 1-3.5 cm. long. Twigs 2-edged. Fruit globular capsules. Uncommon.

DOWNY BOG-ROSEMARY

Andromeda glaucophylla

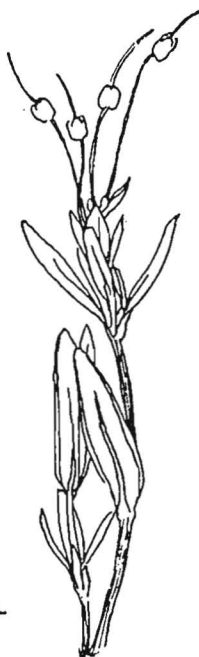
Upright plant with narrow, alternate leaves 2-5 cm. long. Twigs not 2-edged. Fruit somewhat globular capsules. Uncommon.



SMALL CRANBERRY



LARGE CRANBERRY



PALE LAUREL



PALE LAUREL

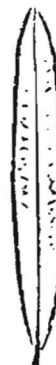
(PRINTS FULL SIZE)



BOG-ROSEMARY



BOG-ROSEMARY



CRABAPPLES & APPLES

THORNLESS TREES (OCCASIONALLY SHRUBS) WITH ALTERNATE SIMPLE LEAVES. FRUIT (FLOWERS) IN CLUSTERS WHERE STALKS ARE ATTACHED NEAR SAME POINT. FRUIT FLESHY, MORE OR LESS SPHERICAL, WITH 2-5 CELLS CONTAINING 2 SEEDS PER CELL; SOMETIMES USED IN JELLIES.

Note: The species treated below are potential or known escapes. These include many (but by no means all) of the more commonly planted species. Escapes tend to occur along roadsides, borders of woods and in thickets.

KEY TO SPECIES (USING MATURE FRUIT AND FOLIAGE)

Fruit large (2 cm. or more thick); calyx persistent

Leaves of shoots somewhat lobed; fruit greenish: **WILD SWEET CRABAPPLE**

Leaves not lobed

Leaf teeth sharp; calyx forming a short tube at end of fruit: **CHINESE APPLE**

Leaf teeth incurved; calyx impressed at end of fruit: **COMMON APPLE & varieties**

Fruit small (about 1.5 cm. or less thick); calyx shedding

Leaves of shoots deeply lobed; fruit quite small, 6-8 mm. thick, red or brownish yellow:

TORINGO CRABAPPLE

Leaves not deeply lobed

Fruit quite small, 6-8 mm. thick, yellow or red; leaves sharp-toothed, some with a slight, sharp lobe: **JAPANESE FLOWERING CRABAPPLE**

Fruit 8-15 mm. thick

Leafstalks 2-5 cm. long; fruit red or yellow: **SIBERIAN CRABAPPLE**

Leafstalks 1-3 cm. long; fruit usually greenish yellow with red cheek:

TEA CRABAPPLE

For additional possibilities see hybrid species at end of species descriptions on p. 106.

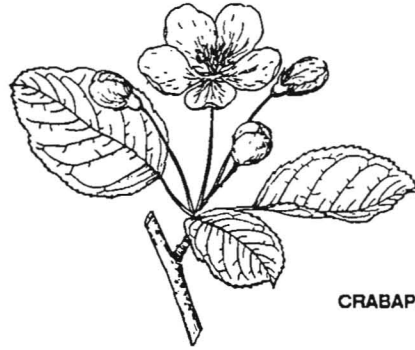
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CRABAPPLES & APPLES

WILD SWEET CRABAPPLE

Pyrus (Malus) coronaria

Leaves of shoots somewhat lobed.
Flowers 3-4 cm. across, white to pinkish, fragrant; stamen heads red. Fruit about 3 cm. thick, greenish; calyx persistent.
Small tree. Native in New York state but not recorded as an escape in New England.



CRABAPPLE

CHINESE APPLE *Pyrus (Malus) prunifolia*

Leaves sharply toothed. Flowers about 3 cm. across, white (sometimes pinkish).
Fruit about 2 cm. thick, yellow or red, with a persistent beak-like calyx at end.
Small tree. From Eurasia. Occasional escape.



WILD SWEET CRABAPPLE

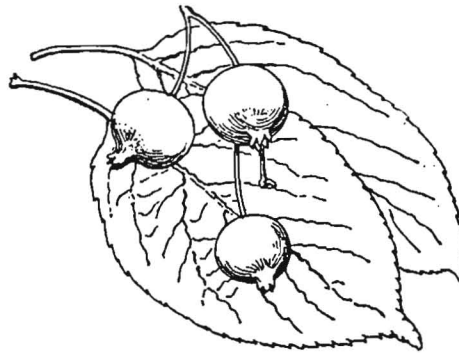
COMMON APPLE *Pyrus malus (Malus pumila)*

Leaves with rounded teeth, hairy beneath.
Flowers pinkish-white on woolly stalks.
Fruit 2 cm. or more in thickness, indented at base and at end; calyx persistent. Small tree. From Eurasia. Uncommon escape.

TORINGO CRABAPPLE

Pyrus (Malus) sieboldii

Leaves deeply lobed on shoots. Flowers about 2 cm. across, pink becoming white.
Fruit 6-8 mm. thick, red or brownish yellow; calyx shedding. Small tree or shrub. From Asia. Uncommon escape becoming naturalized.

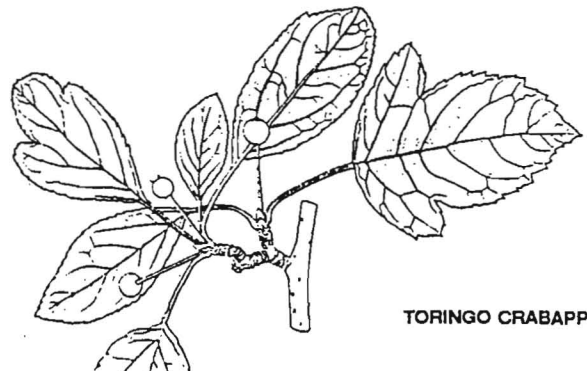


CHINESE APPLE

JAPANESE FLOWERING CRABAPPLE

Pyrus (Malus) floribunda

Leaves sharply toothed with occasional sharp, slight lobes on shoots. Flowers abundant, pink changing to nearly white, 2.5-3 cm. across. Fruit 6-8 mm. thick, yellow to red; calyx shedding. Small tree of mound-like habit. From Asia. Not recorded as an escape.



TORINGO CRABAPPLE

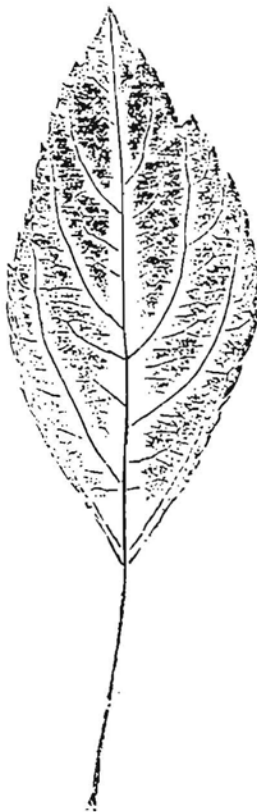
CRABAPPLES & APPLES



WILD SWEET CRABAPPLE



CHINESE APPLE



JAPANESE
FLOWERING
CRABAPPLE



TORINGO CRABAPPLE



TORINGO CRABAPPLE



COMMON APPLE

(PRINTS FULL SIZE)

(CONTINUED ON NEXT PAGE)

CRABAPPLES & APPLES

SIBERIAN CRABAPPLE

Pyrus (Malus) baccata

Twigs hairless. Leafstalks 2-5 cm. long. Flowers 3-3.5 cm. across, white. Fruit 8-10 mm. thick, red or yellow; calyx shedding. Small tree. From Asia. Recorded escape in Lexington, Mass.

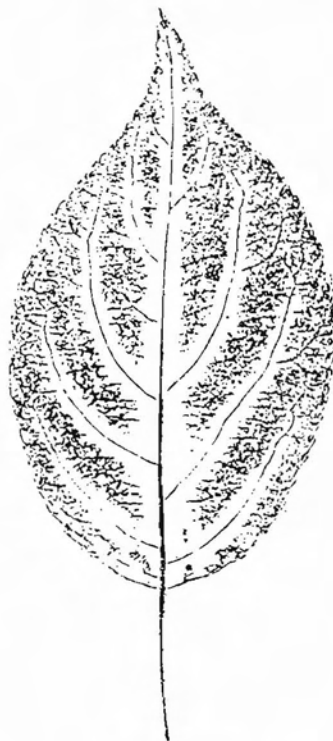


SIBERIAN CRABAPPLE

TEA CRABAPPLE

Pyrus (Malus) hupehensis

Leaves firm-textured. Leafstalks 1-3 cm. long. Flowers 3.5-4 cm. across, white or pinkish, fragrant. Fruit about 1 cm. thick, usually greenish yellow with red cheek. Small tree. From Asia. Not recorded as an escape.



TEA CRABAPPLE

HYBRIDS:

MAGDEBURGE APPLE

P. malus (M. pumila) X P.(M.) spectabilis

Like Common Apple but calyx lobes of flower shorter than calyx tube; flowers with more than 5 petals. Fruit yellowish, without indentation at base (at fruit stalk). Reported escape in Concord, Mass.

ARNOLD CRABAPPLE

P.(M.) floribunda X P.(M.) baccata

Like Japanese Flowering Crabapple but flowers larger (up to 5 cm. across) and fruit larger (about 1 cm. thick). Reported escape in Concord, Mass.

DWARF APPLE *Pyrus (Malus) micromalus*
= *P.(M.) spectabilis X ?*

Leafstalks 2-3 cm. long. Flowers pink, about 4 cm. across. Fruit 1-1.5 cm. thick, with indentation at base; calyx persistent or shedding. From Asia. Not recorded as an escape.



SIBERIAN CRABAPPLE



DWARF APPLE

(PRINTS FULL SIZE)