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Northern Grown

# Lilies

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Trees

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GREEN BUSH GARDENS

WM. C. HORSFORD

BARBARA B. HORSFORD

CHARLOTTE, VERMONT

1952



# TERMS

ALL CLAIMS for errors must be reported immediately upon receipt of order. We are not responsible for losses in transit, winter losses, or losses due to drought.

ALL ORDERS SHIPPED EXPRESS COLLECT unless 10% of the total amount of the order is included to cover parcel post.

WE RESERVE the right to return any or all orders received if for reasons beyond our control we cannot fill them satisfactorily.

SPRING SHIPPING season starts in early April and continues into early June.

FALL SHIPPING begins in September and carries into early December.

ALL LILY ORDERS ACCEPTED FOR FALL SHIPMENT UNLESS OTHERWISE ARRANGED.

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We offer the usual well known lily varieties and some of the fine new ones, many of which may soon replace the oldtimers. Many of the more recently introduced hybrids are now available for your garden. These newcomers are much lovelier and extremely hardy and although they may not reproduce from seed, by growing them you may obtain variations of the parent which are perhaps even more effective. We are presently growing many thousand lilies and each year expect to add new and lovely varieties to our catalog.

The North American Lily Association has been organized by lily enthusiasts and we strongly urge you to join this group. Write for information to: Mr. John L. Tingle, R.D. No. 1, Kennett Square, Pa.

We offer only stock of known quality. The majority of these bulbs are grown here in Vermont or have been tested here. All bulbs are in what we consider best flowering size. In the event that any bulb is received in poor condition or is not true to name, a mutually satisfactory adjustment will be made, not to exceed the original cost of the bulbs. A cultural planting guide will accompany each shipment.





## OUR NEW LILY INTRODUCTIONS-1952

### ALASKA

A hybrid of *Henryi citrinum* X *Aurelianense*. The rugged hardiness of the parent has been obtained along with the wide, dark green foliage. Pure white flowering, broad, slightly reflexed, and clear gold center. Broad pyramid head carries up to twenty flowers. Two flower buds are usually carried on the long pedicels giving flowers on the lower ones when the top is in bloom. Very limited number offered. \$10.00 each

### LEMON DROP

An unusual lily appearing in a planting of mixed hybrid seedlings several years ago. It is similar to *Davidii* var. *Maxwill* in all respects except color. The clear lemon yellow is accentuated by small chocolate spots. As a pollen parent it has proved the strongest yellow producing nearly identical seedlings from *Davidii* and *Brenda Watts*. Early July flowering. 3-5 feet tall. Available in 1953.

### GREEN BUSH HYBRIDS

Like the *Terrestrial Hybrids*, these hybrids of *Brenda Watts* X *L. Helen Carroll*, have large upright or outward facing flowers, slightly reflexed, on rugged stems of various heights. Here again a great range of colors appeared. To propagate each clone would delay introduction and lead to confusion in naming. We are grouping selected colors of this strain as listed below. Early July flowering. 1½-3 feet tall.

#### LYNDA

Large clear light yellow or lemon yellow flowers with a few tiny brown spots. Flowers up to 8 inches across. Heads of six to eight

flowers are the rule. Foliage is glossy dark green. Limited supply. \$3.00 each

#### LYDIA

Similar to the above in all respects. Has a lovely soft orange color distinctly differing from the usual orange of so many lilies. Very sparingly spotted. Limited supply.

\$3.00 each

#### OLD GOLD

The rich old gold flowers with few spots appearing in a planting of *L. Lydia* brings a pleasing revelation of new shades of yellow. Very limited supply.

\$5.00 each

#### BRONZE LIGHT

An unusual new color in lilies—a deep gold overlaid with semitransparent veneer of pale bronze. Should prove very useful for breeding purposes. Available in 1953.

#### GREEN BUSH HYBRIDS

While the above selections were taken from these fine lilies, many varying shades of red and orange like no other lily remain and will make a fine addition to your garden. Large flowers both upright and outward facing.

\$1.50 each

#### PINK TRUMPETS—Green Bush Strain

For years we have used pollens from various strains of *Pink trumpets* intercrossing with our own seedlings. We have a limited number of selected pinks, with both the inner and outer side of the flowers generously shaded with pink. Flowers at the time of the *Centifolium Hybrids*. Limited quantity.

\$3.00 each





## OUR OWN HYBRIDS

### BARBARA

A hybrid seedling of L. Grace Marshall, having a pyramid head of blood red, outward facing flowers about six inches in diameter. Late June flowering. Two to three feet tall. Received the Award of Merit from the Massachusetts Horticultural Society in 1946. L. Barbara was introduced by Alan and Esther Macneil of Sandyloam in 1948. \$3.00 each

### DAVIDII HYBRIDS

These are hybrids of many Davidii crosses which do not show other color. The deep orange red flowers, reflexed, are carried on vigorous stems which withstand wind and rain. Many pyramids of up to forty flowers are not unusual. Early July flowering. From two to six feet in height.

75c each—\$7.50 per dozen

### MOLLY STARK

A Grace Marshall hybrid selected for its unusual tangerine color, great vigor, hardiness and year

after year reliability. The flowers are up to four inches in diameter, carried on long stems in a pyramid form. Grows up to four feet tall, flowering in early July. This lily received a Third Award at the Lily Association's Annual Show this year, competing in a class of outstanding unnamed hybrids of North America. Limited stock.

\$2.00 each

### TERRESTRIAL HYBRIDS

These are the forerunners of a group of unusually lovely and different lilies which will be offered when we have a sufficient stock of each available. A cross between Edna Keen and Cernuum, having a great range of shapes and colors, ranging from flesh color to dark red. Flowers may be upright or outward facing. We could not name them all so you will receive a bulb unlike anything you have. We cannot, however, tell you which color or type you will receive. Limited number.

\$2.00 each

## NEW LILY HYBRIDS

### AMARYLLIS

A new Dropmore Hybrid of Dr. Skinner's which grows from two to two and a half feet high with an umbellatum type inflorescence only facing directly outward. The pale red flowers remind one of the flowers of the amaryllis. \$3.00 each

### LEMON LADY

Another Dropmore Hybrid. Pale yellow, outward facing flowers, slightly spotted. Blooms at the same time as L. Dunkirk and makes an excellent companion. Two feet tall. \$3.00 each

### CHRISTMAS RED

The first offering of a lovely new hybrid developed and named by Ralph Warner. Clear rose-red flowers face upright in a pyramidal head, often carrying as many as twenty blooms during a long flowering period. Grows three to four feet tall, blooming in June-July. It has been forced to bloom at Christmas time. \$4.00 each

We have a number of new U.S.D.A. hybrids which will become available in the near future, possibly this autumn. A list will be sent at that time.



# LILIES

## L. AMABILE

A medium height Turk's cap lily. June flowering. Grenadine-red with black spots. Ideal for sun or partial shade. Very hardy.

35c each—5 for \$1.50

## L. AMABILE LUTEUM

Similar to the above, except that it is a rare yellow with black spots. It is still rather rare and certain to be a lovely addition to your border.

75c each—3 for \$2.00

## L. AURATUM, or GOLD BANDED LILY

An old introduction from the Orient, this is still considered one of the gems of the garden. A white lily, gold banded, flecked with tiny red spots, it is well worth planting although you may have it for only a year. We offer only imported bulbs of this lily and you may be as fortunate as we and have it grow for a number of years.

85c each—3 for \$2.25

## L. BACKHOUSE HYBRIDS

A group of L. Martagon X L. Hansonii hybrids originated and grown by the late Mrs. R. O. Backhouse in the 90's at Sutton Court, Hereford, England. These are an extremely hardy race of lilies, with colors from yellow to orange-brown, with spots of brown, purple or pink, and having many reflexed, Turk's cap flowers. A permanent and beautiful addition to your garden. They prefer shade and grow from three to five feet tall.

Mixed \$2.50 each

## BROCADE

Orange yellow with a pink cast, with maroon spots.

\$3.00 each

## MRS. R. O. BACKHOUSE

Has an ivory to soft orange interior with small purple or red spots. The tips of the inside of the flower are a straw yellow like the exterior. It has long been the best and most reliable of the group.

\$3.50 each

## LILIUM CANADENSE

A native of New England known as the Meadow Lily. Grows 3-7 feet tall. Drooping bell-shaped flowers of yellow or orange-red with large round black spots in the interior. Flowers late June or early July. Ideal for moist, lowland situations where other bulbs would be lost. Excellent for naturalizing.

35c each—\$3.50 per dozen

\$28.00 per hundred

## L. CANDIDUM, or MADONNA LILY

A pure white lily which is so familiar to us that it needs little description and is a 'must' for perennial borders. Imported northern-grown bulbs which should be planted early to insure establishment before frost.

Selected—60c each—\$ 6.00 for 10

Extra heavy—90c each—\$ 9.00 for 10

Special stock—\$1.35 each—\$13.00 for 10

## L. CANDIDUM, CASCADE STRAIN

An improved form introduced by Jan deGraaff. Tall, straight stems, large flowers of unusual texture and more resistant to botrytis. Sets seed readily.

7-8 inches—75c each

## L. CENTIFOLIUM HYBRIDS

The true L. Centifolium that we once had is now long gone and only the hybrids are available. These are a wonderful group of trumpet lilies, having the characteristics of the original but with more vigor and variations. Some are green on the outside, others are chocolate brown, and the throat may be white or yellow. Very fragrant. Mid-July flowering. Average five feet in height.

75c each—\$7.50 per dozen

## L. CERNUUM

A rare Korean lily, flowering in late June. Flowers are lilac or rosy pink. Similar to L. Tenuifolium in shape and growing conditions. Rare but extremely hardy. A delicately beautiful addition to your garden.

90c each—\$9.00 per dozen

## L. CONCOLOR

A star-shaped, upright flowering lily of bright scarlet color. Grows up to two feet tall, with several blossoms in mid June. Hardy and long lasting, a good companion for L. Tenuifolium in the border.

30c each—\$3.00 per dozen

## L. DALHANSONII

A hybrid of L. Martagon X L. Hansonii having the dark mahogany color from the dark Martagon parentage, flecked with light yellow or gold, with the foliage and hardiness of the Hansonii. Extremely rare companion to the Backhouse group.

\$4.00 each

## L. DAURICUM HYBRIDS

Our earliest flowering lily. Cup-shaped blooms, upright flowering, ranging from light pinkish orange to yellow with brown spots. Grows 1-2 feet and flowers in early May.

25c each—\$2.50 per dozen

## L. DUNKIRK

One of Dr. F. L. Skinner's outstanding, blood red hybrids. Grows four to five feet tall with a number of outward facing large flowers. Blooms from late June to mid July. Awarded a First Class Certificate by the Massachusetts Horticultural Society in 1947. Limited supply.

\$3.00 each

## L. GREEN MOUNTAIN HYBRIDS

A strain of white trumpet lilies which are hybrids of Centifolium, Creelman, Princeps, etc., originated by the late L. H. Abel of White Plains, New York, having the characteristics of all the parents and a great range of variations in size and flowering time. Midsummer flowering. Limited supply.

75c each

## L. GUINEA GOLD

Another of Dr. Skinner's introductions of Martagon hybrid origin. Pink buds with a yellow throat spotted with brown. Grows to three feet. June flowering.

\$3.00 each

## L. HANSONII

One of the parents of a large group of hybrids, this lily is one of the best in itself and makes a wonderful subject for mass planting. Permanent and easy to grow, its Martagon shaped blooms are of orange cadium yellow, spotted with brown.



Will draw endless comment. Grows up to six feet in sun but prefers light shade. Mid June.

\$1.20 each

#### L. HENRYI

A Chinese lily well known to most gardeners, growing up to eight feet, bearing deep orange-yellow flowers with up to twenty blooms on each spike. Sometimes known as the Orange Speciosum. Flowers in mid August until September. As hardy as Regale and a good companion.

75c each—\$7.50 per dozen

#### L. HENRYI CITRINUM

A rare yellow form of the above that all lily connoisseurs will confirm as being one of the best. We have grown this lily for years and find it most reliable.

Choice bulbs—\$10.00 each

Flowering size—\$ 6.00 each

#### L. MARGARET JOHNSON

A Skinner hybrid of L. Dauricum X Tigrinum having the characteristics of both. Soft flame-red spotted with deep purple. Outward and upward facing. About four feet in height, blooming in late July.

\$1.50 each

#### L. MARHAN

Another Martagon hybrid. Creamy orange petals with brownish red spots. Introduced in 1891, it is still very rare but one of the most popular lilies.

\$3.50 each

#### L. MARTAGON

The Turk's cap lily of Europe. An old lily offered in this country in the early 1800's. Colors range from light pink to purple, having up to thirty flowers and from one to four feet in height. Although somewhat difficult to establish, once you are successful these are a permanent addition. June flowering.

\$1.20 each

#### L. MARTAGON ALBA

A pure white form of the above, with fragrant delicate flowers in June. This is an excellent cut flower.

\$1.25 each

#### L. PHILADELPHICUM

A native lily with orange scarlet upright flowers. Prefers light sandy soil and partial shade, growing to two feet and flowering in late June. An excellent subject for planting with evergreens.

30c each—\$3.00 per dozen

#### L. PRESTON HYBRIDS

Miss Isabella Preston of Canada introduced a number of fine hybrids a few years ago. These have proved to be one of the finest races of hybrids yet originated. From these many new hybrids are being introduced which could never have been produced without Miss Preston's outstanding work.

#### CORONATION

A lovely pale yellow lily with brown spots, growing to three feet. Stem carries up to twenty flowers. Late June. Very hardy.

\$2.75 each

#### BRENDA WATTS

A soft orange red variety of unusual vigor, carrying up to twenty flowers and growing to

five feet. Ideal for mass planting because of its lasting ability. Late June and July flowering.

\$1.50 each

#### EDNA KEEN

Similar to Brenda Watts except of a cherry red color and a little less height. A parent of a new race of wonderful hybrids that we will soon introduce to gardeners.

\$1.50 each

#### GRACE MARSHALL

A grenadine red or scarlet variety having up to twenty-five flowers. Grows up to five feet tall. A reliable form which is a parent of our new L. Barbara.

\$1.50 each

#### L. PRIDE OF CHARLOTTE

A Sargentiae sport of great merit. A glorious trumpet lily having a chocolate brown or pink outside and pure white throat with the fragrance of Regale. A late July flowering variety, it usually escapes early frosts which sometime destroy flower buds of earlier blooming lilies. It produces bulbil and is therefore very easy to propagate.

60c each—\$5.50 per dozen

#### L. QUEEN CHARLOTTE

A Davidii hybrid much like the type introduced about twenty years ago. Has up to ten wooly buds per stem and grows with a very rigid stalk up to eight feet. Flowers slightly larger and about two weeks later than Davidii. A few select bulbs.

50c each

#### L. SARGENTIAE HYBRIDS

A hybrid trumpet lily much like Regale but having a smaller funnel, the flowers not recurring as much. The outside is a deep reddish pink, the inside a creamy white. The stalk is bulbil bearing for easy propagation. Very fragrant. Flowers in late July or August. Two to four feet in height.

50c each—\$5.00 per dozen

#### L. SPECIOSUM RUBRUM

An imported Japanese lily of great beauty. White flower flushed with deep rose or crimson, heavily spotted with crimson. Bears up to twenty fragrant flowers on stalks up to three feet tall or more. July and August flowering, sometimes into September. While hard to establish it is very hardy.

75c each—\$7.50 per dozen

#### L. SUPERBUM

A native Turk's cap lily of great favor. Its pendulant blooms of orange red are carried on stalks growing up to twelve feet in ideal conditions, which are moist humus in shade where it may grow up through to sunlight. Flowers in July and is recommended for naturalizing.

35c each—\$3.50 per dozen

#### L. THE DUCHESS

Dr. F. L. Skinner is well known for his lily hybridizing skill and this is another outstanding contribution. This Amabile cross has flowers of saffron yellow heavily spotted with brown. Individual flowers have a spread of five to six inches. Grows up to thirty inches and flowers from early to mid June.

\$3.00 each



**L. TENUIFOLIUM—Coral Lily**

A brilliant scarlet Turk's cap lily. An ideal subject for border or rock garden, loving rocky soil and sunshine. Easily grown from seed. Has delicate graceful foliage. Because of its very early flowering period, late May and early June, it should be in every garden. Twelve to eighteen inches tall. 20c each—\$2.00 per dozen

**L. TENUIFOLIUM GOLDEN GLEAM**

A golden orange form of the above which makes a very interesting contrast. Similar to type in all respects. 20c each—\$2.00 per dozen

**L. TENUIFOLIUM RED STAR**

A star-shaped scarlet form of the type having longer and broader petals and is more dwarf in form. Flowers a week later than Tenuifolium. Rare. 40c each—\$4.00 per dozen

**L. TSINGTAUENSE**

Somewhat like Concolor in color but having an upright waxy flower that will arrest attention anywhere. Foliage and habit similar to Hansonii. Grows to three feet and flowers late June or early July. Very rare. \$2.00 each

**L. UMBELLATUM WEST BURKE**

A strain of Umbellatum discovered by the late Cyrus Pringle Horsford, of outstanding vigor. Its cup-shaped blooms of deep red are carried on stems up to two and a half feet tall in early June. Its wooly buds are a dark red. Likes both open sun and shade. Rare. 50c each

**L. UMBELLATUM HELEN CARROLL**

An Umbellatum hybrid of unspotted Chinese yellow flowers up to eight inches in diameter introduced by Dr. Skinner. Grows about a foot high, flowering in early July. Very hardy and still rare. \$3.00 each



# PLANTS

In line with conservation of wildflowers we have selected this list of plants that grow well in our nursery and are most likely to be successful in your garden or woodland. They should be given as much consideration as all garden plants; given cover in the winter, and because many die down soon after flowering the location should be well marked. Seedlings should be noted and not weeded out by mistake. They will be useful in developing other areas. Do not expect a bog plant to grow in a dry location, or a plant which likes to keep its feet dry to do well in a low, wet spot.

We will be pleased to quote on other items not listed here.

**WHITE BANE BERRY—Actea alba**

A shrub-like plant ideal for foundation planting or woodland. Has a fine head of white flowers followed by white berries from which comes its other name of "Doll's Eyes." Grows to two feet. June flowering.

**RED BANE BERRY—Actea rubra**

Similar to the above but earlier to flower. Fruit is a cluster of very attractive bright red berries. Two feet. Early June.

**WOOD ANEMONE—Anemone quinquefolia**

Low growing plant having a delicate white flower nearly an inch across. Plant in clumps for best effect. Six inches tall. Early May flowering.

**MEADOW ANEMONE—Anemone canadensis**

A larger growing plant flowering later in June. White flowers. Will grow in full sun. One to two feet tall.

3 of the same variety, \$1.00 — 12 of the same variety, \$3.00



**AMERICAN COLUMBINE—*Aquilegia canadensis***

A very showy plant having numerous scarlet and yellow flowers. Foliage airy and attractive. Will grow in very difficult rocky situations. One to two feet. May-June flowering.

**JACK-IN-THE-PULPIT—*Arisaema triphyllum***

A well-known bulbous plant preferring moist shade. Flower is followed by a cluster of green berries which turn to scarlet in late summer. One to three feet tall. May.

**GINGER ROOT—*Asarum canadense***

A fine ground cover plant for shady places. Large green leaves spring from fleshy root on top of the soil. Has a spicy ginger odor. About six inches high and May flowering.

**NEW ENGLAND ASTER—*Aster novae-angliae***

A well-known royal purple aster noted for its hardiness as well as its beauty. September flowering and growing to five or six feet.

**WILD CALLA—*Calla palustris***

An ideal bog plant having a white flower similar to the calla only smaller. Six to eight inches tall. May flowering.

**MARSH MARIGOLD—*Caltha palustris***

Delightful golden yellow blossoms of this early spring flower are eagerly awaited each year. Large green leaves are often used as eatable greens. April flowering and six to twelve inches tall.

**HAREBELL—*Campanula rotundifolia***

Many tiny clear blue flowers carried on a grass-like stem. Excellent for rock garden or ledges. June-August flowering. 18 inches.

**TURTLEHEAD—*Chelone glabra***

For a damp situation or brookside. Bearing spikes of white flowers tinged with pink at a time when flowers are few. August-September. 1-3 feet.

**SPRING BEAUTY—*Claytonia virginica***

A small bulbous plant bearing many pink and white bell-shaped flowers. Prefers moist woodland with partial sun. April-May. 3-6 inches.

**BLUEBEAD—*Clintonia borealis***

Similar to lily-of-the-valley, with spikes of cream-colored flowers followed by blue bead-like berries. Attractive dark green leaves. Prefers moist situation. June. 6-10 inches.

**LILY-OF-THE-VALLEY—*Convallaria majalis***

This well-known ground cover needs no description. Increases rapidly in loose soil. June. 6-10 inches.

**BUNCHBERRY—*Cornus canadensis***

A dwarf dogwood, having typical white flower followed by a cluster of red berries. Prefers moist, acid, but well drained soil. Plant in clumps. May-June. 4-6 inches.

**CRINKLEROOT—*Dentaria diphylla***

Small woodland herb-bearing blusters of white, rose or lavender flowers. April-May. 6-12 inches.

**DUTCHMAN'S BREECHES—*Dicentra cucullaria***

A miniature bleeding heart with delicate silvery green foliage. Flowers are white stained with yellow. Prefers rich moist rocky situation. Early May. 4-8 inches.

**SQUIRREL CORN—*Dicentra canadensis***

Similar to the above except that it has a bulb like a kernel of corn. Flowers are white stained with purple. Early May. 4-8 inches.

**TRAILING ARBUTUS—*Epigaea repens***

Creeping evergreen bearing clusters of fragrant pink flowers. Prefers open, rocky hillsides and acid soil. Difficult to naturalize. April-May. Small seedlings. 3 for \$2.00—12 for \$7.00

**BONESET—*Eupatorium perfoliatum***

A tall white flowering herb suitable for brookside or moist borders. July-August. 3-5 feet.

**JOE-PYE-WEED—*Eupatorium purpureum***

Similar to the above, bearing flat clusters of rosy purple flowers. Likes the same situation. July-August. 4-6 feet.

**SNOW THOROUGHWORT—*Eupatorium urticaefolium***

Attractive foliage plant having broad clusters of white flowers resembling the double gypsophila. Ideal for semishade foundation planting or moist woodland. August-September. 2-4 feet.

**WINTERGREEN—*Gaultheria procumbens***

A low evergreen, growing in massive clumps. Small white bell-shaped flowers followed by edible red berries which remain for months. Sun or shade and acid soil. July. 2-4 inches.

**CLOSED GENTIAN—*Gentiana andrewsii***

Attractive late flowering plant bearing terminal clusters of purple bottle-like flowers. Prefers either moist sun or shady situation. August-October. 1-2 feet.

**HERB ROBERT—*Geranium robertianum***

A small biennial having lilac pink flowers. Attractive foliage. Increases rapidly from seed. July-October. 6-12 inches.

**LIVERLEAF—*Hepatica triloba***

One of the first spring flowers. White, purple, lavender or pink flowers. Ruddy-colored fall foliage a desirable asset. Sun or shade. April-May. 5 inches.

**SHARP-LOBED HEPATICA—*Hepatica acutiloba***

Similar to the above but prefers more shade and makes larger clumps. April-May. 5-6 inches.

**BLUETS—*Houstonia caerulea***

Dainty little biennial that will self seed under favorable conditions. Best planted in the fall. Blue and white flowers in clumps. April-May. 3-5 inches.

**YELLOW BROOKSIDE IRIS—*Iris pseudacorus***

A tall yellow iris thriving in wet margins yet will grow in the average border. June-July. 2-3 feet.

3 of the same variety, \$1.00 — 12 of the same variety, \$3.00



**BLUE FLAG—*Iris versicolor***

A very dainty violet-blue iris preferring a damp situation, forming large clumps. May-July. 1-2 feet.

**TWINFLOWER—*Linnaea americana***

A trailing evergreen carrying twin clusters of fragrant pink and white bells. Prefers mossy shade. June flowering.

**CARDINAL FLOWER—*Lobelia cardinalis***

Brilliant red flowers on long spikes are especially attractive to humming birds. Suitable for moist brooksides or borders, sun or shade. August-September. 2-4 feet.

**FALSE LILY-OF-THE-VALLEY—*Maianthemum canadensis***

A dry woodland ground cover. Small spikes of white flowers followed by cream colored berries which later become red. May. 4-6 inches.

**INDIAN CUCUMBER ROOT—*Medeola virginica***

Attractive foliage plant having a whorl of leaves which in fall resemble a poinsetta. Yellow and green flowers followed by dark berries top the foliage. May. 1-3 feet.

**PARTRIDGE BERRY—*Mitchella repens***

A lovely evergreen ground cover preferring moist, acid soil, sun or shade. Has tiny bell-shaped flowers followed by edible red berries in the late summer which last through the winter. Useful, also, for bowl gardens. May flowering.

**BISHOP'S CAP—*Mitella diphylla***

Attractive heart-shaped leaves, turning ruddy red in the fall. Slender spikes carrying many delicate white flowers. Excellent for border, rock garden or woodland. May-June. 8-12 inches.

**FRINGED POLYGALA—*Polygala paucifolia***

A low growing, semi-evergreen having pink orchid-like flowers. A bit difficult to establish. May. 4 inches.

**SHINLEAF—*Pyrola elliptica***

A white flowered semi-evergreen having several large oval leaves and a cluster of fragrant waxy flowers on a long stem. Prefers moist sun or shade. June-July. 6-10 inches.

**BLOODROOT—*Sanguinaria canadensis***

One of the early spring flowers, pure white, springs from a roll of silver green leaves that later form large attractive foliage of dark green. April. 6 inches.

**PITCHER PLANT or HUNTSMAN'S CUP—*Sarracenia purpurea***

One of the flycatchers. A bog plant. Large green pitchers turning red in autumn, remaining through the winter. Single head flower having large red petals, green or yellow underneath. Attractive for dish gardens. July flowering. 8-12 inches.

**EARLY VIRGINIA SAXIFRAGE—*Saxifraga virginensis***

Dwarf rock plant, having small clusters of white, splashed with pink, flowers on erect stems. Semi-evergreen. April flowering. 6-9 inches.

**GOLD MOSS—*Sedum acre***

Well known mossy stonecrop for rock gardens and edgings. Yellow flowers in May. 3 inches.

**FALSE SOLOMON'S SEAL—*Smilacina racemosa***

Structurally like Solomon's Seal except that it has a terminal cluster of white flowers followed by red berries. Sun or shade. May-June. 2 feet.

**SKUNK CABBAGE—*Symplocarpus foetidus***

First native to flower often through the snow. Unusual flower spathes, dark green stained with chocolate brown forming a hood. Large green leaves follow the flowers. Requires wet or boggy semishade. April. 10 inches.

**EARLY MEADOW-RUE—*Thalictrum dioicum***

Delightful foliage may be used effectively with garden flowers. Purplish white clusters of flowers. Will grow in very dry situations. April-May. 2 feet.

**TALL MEADOW-RUE—*Thalictrum polygonatum***

A tall member of this family needing a moist situation for best results. Has many feathery white flower clusters. Naturalizes readily in sun or shade. July-August. Up to 8 feet.

**FOAM FLOWER—*Tiarella cordifolia***

A ground cover similar to Bishop's Cap except that white flowers form a ball-shaped cluster. Increases rapidly and prefers moist soil. May. 6-8 inches.

**NODDING TRILLIUM—*Trillium cernuum***

A rare little bulb preferring swampy ground. Has a white or pink nodding blossom followed by a pink seed pod. To eighteen inches tall. May flowering.

**RED TRILLIUM—*Trillium erectum***

Large flowered, easily naturalized on high or low ground. Twelve inches tall. Early May.

**WAKE ROBIN—*Trillium grandiflorum***

Largest and best known. Pure white fading to rose-pink. Easy to naturalize. Sun or shade. Twelve to eighteen inches. May blooming.

**PAINTED TRILLIUM—*Trillium undulatum***

Waxy white with crimson V-shaped splashes followed by crimson seed pod. Prefers moist peaty, well drained soil. Twelve to eighteen inches. May.

**MERRYBELLS—*Uvularia perfoliata***

Long, clear yellow blossoms make this a desirable border or woodland plant. Pleasing foliage. Forms large clumps. Eighteen inches. May.

**SWEET WHITE VIOLET—*Viola blanda***

One of the tiniest of violets preferring a moist situation. Somewhat fragrant. Increases rapidly by runners. Two inches. May flowering.

**CANADA VIOLET—*Viola canadensis***

One of the tallest violets. White flowers with blue veins, fades to deep pink. Often flowers throughout summer. Twelve inches. May-September.

3 of the same variety, \$1.00 — 12 of the same variety, \$3.00



**BLUE VIOLET—*Viola cucullata***

Prefers a moist situation, sun or shade. One of the earliest and naturalizes readily. Six inches. May flowering.

**DOWNY YELLOW VIOLET—*Viola pubescens***

A handsome yellow violet which increases readi-

ly from seed. Sun or shade. Six to ten inches tall. May.

**ROUNDLEAF YELLOW VIOLET—*Viola rotundifolia***

Large, glossy, dark green leaves follow bright yellow flowers. Prefers dry, open woodland or borders. Three inches high. May flowering.

3 of the same variety, \$1.00 — 12 of the same variety, \$3.00

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## FERNS

Ferns, because they are not a flowering family, are rather difficult to describe, except as to height, best growing conditions and uses. Some may grow to six feet in height, while others creep over rocks and ledges. None like manure or commercial fertilizers. Used in northerly or eastern foundation plantings they do as well as in woodland if a little humus is added to the soil. Native plants and orchids planted with them are supplied with the necessary shade in summer and when the fern foliage decomposes it gives the required plant food to these natives.

As with the native plants, we are grouping and briefly describing the following as the most successful in the various situations and have proved hardy in our nursery. We will be pleased to quote on others not listed here for those interested in making a collection, or for some other reason wish to obtain some special variety.

### FOR OPEN BORDER

**INTERRUPTED or FLOWERING FERN—*Osmunda claytonia***

Large, tall growing. Fronds up to eight inches wide interrupted with seed spores early in summer. 4 feet.

**OSTRICH or PLUME FERN—*Onclea struthiopteris***

Tall, symmetrical, dark green. Separate plume-shaped seed spore stalk remains during the winter. Excellent for foundation planting. 5 feet.

**HAY-SCENTED FERN—*Dicksonia punctilobula***

Medium size, delicate light green. Easy to grow forming a solid carpet. 2 feet.

**LADY FERN—*Asplenium felix-foemina***

A delicate foliage, light green. Growing in clumps in dry or moist situations, sun or shade. 2-3 feet.

Special Collection Price—12 each of the above, \$10.00 — 6 each of the above, \$5.50  
3 for \$1.00 — 12 for \$3.00

### MOIST SHADY PLACE

**MAIDENHAIR FERN—*Adiantum pedatum***

One of the better known ferns, quite at home in most situations while preferring partial shade. Delicate fronds on stems 6-18 inches high. Grows in clumps and readily increases. Excellent for woodland.

**CRESTED WOOD FERN—*Aspidium cristatum***

Small, narrow fronds, semi-evergreen. Prefers moist sun or shade. 6-18 inches.

**CHRISTMAS or DAGGER FERN—*Polystichum acrostichoides***

Medium size. Evergreen similar to Boston Fern. One of the hardiest. Sun or shade. Prefers moist shade but will grow in dry locations. 2 feet.

**TOOTHED WOOD FERN—*Aspidium spinulosum***

Evergreen, delicate lacy fronds extensively used by florists. Hardy. Prefers moist shady situation. Excellent for woodland. 2-3 feet.

**EVERGREEN WOOD FERN—*Aspidium marginale***

Much like the above only fronds are of stronger structure. One of the hardiest and will grow in dry rocky situations. A good companion to the Christmas Fern. 2-3 feet.

**CINNAMON FERN—*Osmunda cinnamomea***

Similar to the Interrupted Fern but having a cinnamon colored seed stalk. Prefers moist shade. 4 feet.

**SILVER SPLEENWORT—*Asplenium acrostichoides***

A fern of medium height with fronds 3-5 inches wide. Dark silver green. Prefers moist, well drained, shady situation. 2-3 feet.

**LADY FERN—(See Open Border)**

**NARROW SPLEENWORT—*Asplenium angustifolium***

A deciduous fern similar to Christmas Fern but light green. Increases readily. Likes moist shade. 2-3 feet.

Special Collection Price—12 each of the above, \$20.00 — 6 each of the above, \$11.00  
3 of the same variety, \$1.00 — 12 of the same variety, \$3.00



## WET, OPEN GROUND

### SENSITIVE FERN—*Onoclea sensibilis*

A low growing foliage plant. Will thrive in places frequently flooded where grass will not grow. Attractive seed stalks. 6-15 inches.

### ROYAL FERN—*Osmunda regalis*

A hardy medium to tall fern similar to Maiden-hair in shape of fronds. Grows profusely in wet peat bogs or marshes. Will also grow in moist woodland or foundation plantings. 1-3 feet.

Special Collection Price—12 each of the above, \$5.00 — 6 each of the above, \$2.75  
3 for \$1.00 — 12 for \$3.00

## ROCKY LEDGES OR ROCK GARDEN

### MAIDENHAIR SPLEENWORT—*Asplenium trichomanes*

Find a moist crevice in partial shade for this dainty little evergreen. Excellent for bowl gardens. 4-6 inches.

### EBONY SPLEENWORT—*Asplenium platyneuron*

A handsome little evergreen having narrow fronds up to one inch wide. A fine companion to the above but preferring a more open situation. Resembles a miniature Christmas Fern. 12 inches.

### WALKING LEAF FERN—*Camptosorus rhizophyllus*

This curious little evergreen has long tapering fronds that often root from the tips, giving it this descriptive name. Excellent for bowl gardens. Prefers moist shade. 4-8 inches.

### RUSTY WOODSIA—*Woodsia obtusa*

Low growing forming large tufts on sunny

rocks. Woolly light green which turns rusty red in autumn. 6 inches.

### COMMON WOODSIA—*Woodsia obtusa*

A larger growing form liking full sun on rocky ledges. Naturalizes readily. Attractive new growth in fall. 12 inches.

### COMMON POLYPODY—*Polypodium vulgare*

Low growing evergreen clumps or carpet for rock or ledges. Prefers moist partial shade. Fronds resemble Christmas Fern. 6-9 inches.

### BLADDER FERN—*Cystopteris bulbifera*

Narrow lacy fronds of medium height, requiring moist situation in partial shade. Very hardy. 1-2 feet.

### FRAGILE FERN—*Cystopteris fragilis*

Similar to above but lower growing with more delicate fronds. 6-12 inches.

Special Collection Price—12 each of the above, \$20.00 — 6 each of the above, \$11.00  
3 of the same variety, \$1.00 — 12 of the same variety, \$3.00

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## HARDY NATIVE ORCHIDS

This group consists of a large number of plants, each having its individual characteristics. Many have beauty recognized only by those making a study of botany. Others are so rare it would be a crime to cause them to be moved from their native habitat. Still others resent moving and will refuse to grow. With this in mind, we present a list of those that are plentiful and will grow with favorable care and give rare beauty.

\* Fall planting recommended.

### \*GRASS PINK ORCHID—*Calapogon pulchellus*

Several deep pink blossoms on a grass-like stem in July. Requires mossy bog conditions or moist, sandy, acid soil. 12-18 inches.

3 plants \$1.25—12 plants \$4.00

### \*ADAM AND EVE—*Aplectrum hymale*

The silvery, dark green leaves appear through the fall leaves late in autumn, die down in late spring and are followed by a spike of bronzy flowers. Chief interest is the foliage and the putty-like bulb system. Needs rich, slightly acid soil. June flowering. 10 inches.

3 plants \$2.25—12 plants \$7.50

### PINK MOCCASIN FLOWER—*Cypripedium acaule*

Large solitary pink flowers, easily one of the

most beautiful orchids. Difficult to naturalize, requiring acid evergreen or oak humus. May-June flowering. 12 inches.

3 plants \$1.25—12 plants \$4.00

### YELLOW LADY-SLIPPER—*Cypripedium pubescens*

One of the best for beginners. Planted among shrubs or ferns the yellow slipper blossom in May or June is most attractive. 1-2 feet.

3 plants \$1.80—12 plants \$6.00

### GOLDEN LADY-SLIPPER—*Cypripedium parviflorum*

Daintier than the above, more golden with dark sepals. Flowering in May or early June, it requires a more moist situation. 12 inches.

3 plants \$1.80—12 plants \$6.00



**SHOWY LADY-SLIPPER—*Cypripedium spectabile***

A larger beautiful pink and white 'slipper,' flowering in June and July, later than the others. Requires moist shade. Care should be taken in handling the hirsute foliage. 2-3 feet.

3 plants \$1.80—12 plants \$6.00

**RATTLESNAKE ORCHID—*Goodyera pubescens***

A tiny spike of white blossoms, in July and August, rising from a group of prostrate grey-green leaves veined with white make this orchid well worth colonizing. Excellent for bowl gardens. Needs rich, acid humus. 6-12 inches.

3 plants \$1.25—12 plants \$4.00

**\*FRINGED ORCHIDS**

This group of the *Habenaria* differ only in color and height. The numerous fringed flowers are clustered on rugged spikes up to several inches in height.

**WHITE FRINGED—*Habenaria blephariglottis***

Sun or shade, mossy bog. August flowering. 1-2 feet.

**YELLOW FRINGED—*Habenaria ciliaris***

Bog or acid sand. August flowering. 1-2 feet.

**LARGE PURPLE FRINGED—*Habenaria fimbriata***

Rich humus or bog. July-August flowering. 3-4 feet.

**SMALL PURPLE FRINGED—*Habenaria psycodes***

Sun or shade, rich humus or bog. July-August flowering. 2-3 feet.

3 plants \$2.00—12 plants \$7.00

**SHOWY ORCHID—*Orchis spectabilis***

Early, June flowering. Showy white and lavender or pink flowers on a low stalk. Large, flat, glossy, dark green leaves. Does best in well drained butternut or appletree leaf mold. 6 inches.

3 plants \$2.00—12 plants \$7.00

**\*ROSE POGONIA—*Pogonia ophioglossoides***

A good companion to Grass Pink, requiring a sphagnum bog condition. Single, fragrant pink blossom with a golden crest, may cover bogs in June and July in their native habitat. Tends to grow in colonies due to root growth. 6-12 inches.

3 plants \$1.25—12 plants \$4.00

**SERAPIAS—*Amesia gigantea***

A tall green and purple flowered orchid originating in Europe which readily naturalizes by seed. Requires well drained moist soil. July-August flowering. 2-3 feet.

3 plants \$2.00—12 plants \$7.00

**\*LADIES' TRESSES—*Spiranthes cernua***

Dainty fragrant white flowers arranged in a spiral. Flowering in August or September, this late season orchid grows in moist, sandy loam either in sun or shade. Care should be given not to weed it out in early summer. 4-10 inches.

3 plants \$2.00—12 plants \$7.00

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# EVERGREENS

We offer this list for those who wish to start their own trees as the nurseryman does. These are 'liners' which require a few more years to make a finished tree. There will be some small losses and a few will not respond as planned. The final results will give a great deal of satisfaction at a great saving. The varieties starred (\*) are recommended for reforestation and we will quote prices at the thousand rate for those interested.

For best results, with the exception of transplants, sizes below 9-12 inch should be grown in beds with partial shade and water the first year. Tree roots are puddled in protective clay and packed in sphagnum moss, guaranteed to reach you in fresh condition.

Any unreasonable loss is replaced free if reported within 60 days.

**\*BALSAM FIR—*Abies balsamea***

A fragrant fir, excellent for ornamental use or Christmas trees. By trimming terminal buds it may be held in check for a number of years. Will grow to 75 feet.

	Per 25	Per 100
6- 9 inch .....	\$ 4.00	\$15.00
9-12 inch .....	6.00	23.00
12-18 inch .....	10.00	38.00
18-24 inch .....	17.00	.....

responding to pruning or shearing for ornamental, hedge, or wind break use. Will grow under severe conditions, wet or dry. Ground limestone serves as the best soil conditioner. Grows to 60 feet.

	Per 10	Per 100
6- 9 inch .....	\$ 4.00	\$15.00
9-12 inch .....	6.00	23.00
12-18 inch .....	10.00	38.00
18-24 inch .....	17.00	.....

**Heavy, select grade—**

4- 8 inch .....	\$ 9.50	.....
8-16 inch .....	16.50	.....

**ARBORVITAE—*Thuja occidentalis***

A most popular aromatic, flatleaved evergreen



**\*RED SPRUCE—*Picea rubra***

The tree most used as a Christmas tree in New England. Close dark green needles and compact growth make this a pleasing evergreen. Prefers higher elevations with acid soil. Will grow 90-100 feet.

	Per 25
6-12 inch .....	\$6.00

**\*WHITE PINE—*Pinus strobus***

Long bluish green needles and symmetrical pyramidal growth make this evergreen very desirable for ornamental use. An excellent timber tree for reforestation, although somewhat difficult to grow. Your state forester will advise if your locale is suitable. (May be shipped to all states except Arizona, California, Colorado, Georgia, Kentucky, Nevada, New Mexico, North Carolina, South Carolina, Tennessee, Utah, and Wyoming.) May be sheared. Grows to 150 feet.

	Per 25
3-6 inch .....	\$5.00
6-9 inch .....	8.00

**\*CANADIAN HEMLOCK—*Tsuga canadensis***

The most popular of our evergreens. Pendulous branches of shining dark green leaves respond to trimming making beautiful ornamentals as well as hedges. Thrives in sun or shade, moist or dry situation. Used extensively as a timber tree. Grows to 100 feet.

	Per 25	Per 100
6-9 inch .....	\$ 4.00	\$15.00
9-12 inch .....	6.00	23.00
12-18 inch .....	10.00	38.00
18-24 inch .....	17.00	.....
Heavy, select, 12-18 inch.....	\$0.60 each	
Heavy, select, 18-24 inch.....	1.00 each	

**MUGHO PINE—*Pinus mugho***

Used extensively in landscaping. Low growing, spreading characteristics respond to shearing, producing specimen trees in a short time. Prefers well drained, sunny exposure.

	Per 25
Transplants, 4-8 inch .....	\$8.00

## SHADE TREES AND SHRUBS

Most arborists agree that a young tree or shrub will soon overtake a larger transplanted one. This rapid growth soon justifies their use with a great saving in effort and care. We have selected a few hardy ones which have proved themselves in northern Vermont.

**NORWAY MAPLE—*Acer platanoides***

A hardy European variety of maple used extensively for ornamental planting. Similar to Sugar Maple but grows broader with larger leaves. Variety A. Schwedleri has bronze-red leaves. These transplants are a mixed lot of the two varieties. Last of the maples to drop their leaves in autumn. Grows to 90-100 feet.

Transplants, mixed seedlings, 1-2 feet—  
3 for \$1.00

**\*SUGAR MAPLE—*Acer saccharum***

A tree unmatched for beauty, hardiness or all around use. Tall, symmetrical for shade, unmatched for brilliant fall foliage, useful for reforesting, valuable for timber and sap. Will grow in most situations. 70-100 feet.

	Per 3	Per 12
2-3 feet .....	\$1.00	\$3.00
3-4 feet .....	2.00	6.00

**STRIPED MAPLE—*Acer pennsylvanicum***

A small, graceful, ornamental tree for shady border or woodland. The unusual striped trunk of green and white is like no other tree. Attractive large leaves. Grows 20 to 40 feet.

	Per 3
2-3 feet .....	\$1.00

**CANOE or PAPER BIRCH—*Betula papyrifera***

One of the showiest of birches. Smooth chalky white bark and large dark green leaves combined

with its rapid growth make a hardy, useful ornamental, growing 70 to 90 feet.

	Per 3	Per 12
2-3 feet .....	\$1.00	\$3.00
3-4 feet .....	2.00	6.00

**WHITE or GRAY BIRCH—*Betula populifolia***

A pyramidal medium size tree which turns white sooner than the Canoe Birch and prefers to grow in clumps. Shiny triangular leaves on slender, graceful branches. Will grow 30-40 feet. Plant in clumps of three.

	Per 3	Per 12
2-3 feet .....	\$1.00	\$3.00
3-4 feet .....	2.00	6.00

**\*YELLOW BIRCH—*Betula lutea***

A valuable timber tree. Its silvery frayed bark is very attractive. Tall growing, 90 to 100 feet.

	Per 3
2-3 feet .....	\$1.00

**RED BERRIED ELDER—*Sambucus pubens***

A tree-like shrub most useful for shaded situations, foundation plantings or border. Early, large flat clusters of white flowers are soon followed by many red berries, much sought by birds. 12 feet.

	Per 3
1-2 feet .....	\$1.00
2-4 feet .....	2.00



**RED WINTERBERRY—*Ilex verticillata***

A medium size, deciduous shrub which grows well in cultivation, preferably in moist, acid soil. Scarlet berries clustered on bare stems in late fall and winter make it very desirable. Used extensive-

ly by florists for decorations and wreaths. Plant several to insure pollination of flowers. 6 to 8 feet.

Per 3  
Transplants, 1-3 feet .....\$1.00

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## VINES

This small list of vines consists of those easiest to naturalize and giving best results. Healthy young seedlings prove most satisfactory and will immediately adapt themselves even to difficult situations.

**VIRGINIA CREEPER or WOODBINE—*Ampelopsis quinquefolia***

Hardy, quick growing, with dark green leaves which turn brilliant shades of red in autumn. Bears dark blue berries when established. Excellent for walls, trellises, fences or to cover old stumps.

3 for \$1.00

**AMERICAN BITTERSWEET—*Celastrus scandens***

Handsome vine having medium size, dark green leaves and clusters of bright orange berries in autumn and winter. Grows in various situations. For best results give it something on which to climb.

3 for \$1.00

**VIRGIN'S BOWER—*Clematis virginiana***

A medium size vine having white flowers replaced by quaint, hairy, silvery seeds giving it a common name of "Old Man's Beard." Prefers moist soil. Suitable for trellises or walls.

3 for \$1.00

**PERIWINKLE—*Vinca minor***

Classed as either vine or plant. Evergreen, low growing and having blue flowers early in summer. Its glossy green leaves make it an excellent ground cover for difficult situations under trees where grass will not grow. Very hardy.

3 for \$1.00—12 for \$3.00

### NATIVE WOOD SOIL CONDITIONER

This high humus soil conditioner mixed with your garden soil supplies the bacteria required by wildflowers and ferns to insure their natural beauty. Commercial fertilizers and manure frequently destroy these plants. Two pounds per square foot is recommended. SHIPPED EXPRESS COLLECT.

25 lbs. \$1.75, 50 lbs. \$3.00, 100 lbs. \$5.00





