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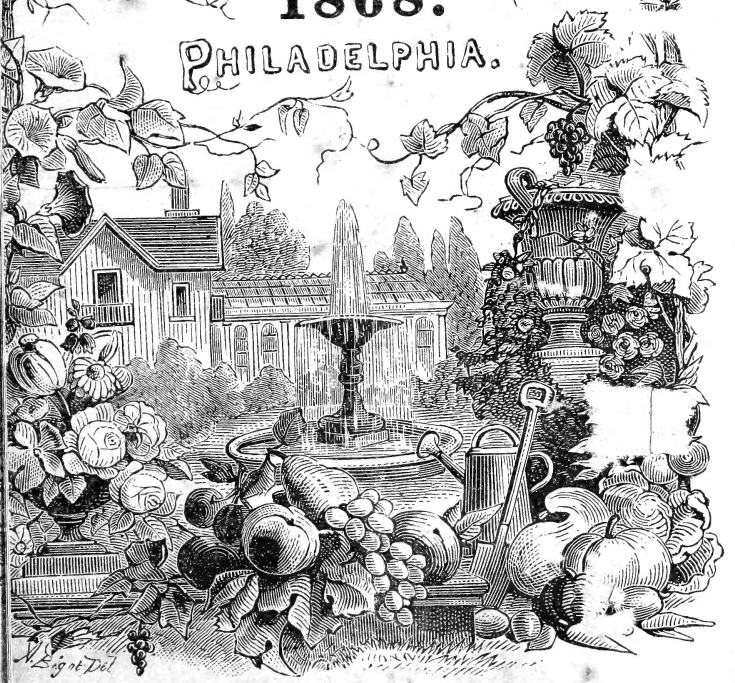
DEPARTMENT OF Agriculture

BREER'S GARDEN CALENDAR

1868.

PHILADELPHIA.



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DREER'S ORDER SHEET

OF

FLOWER AND VEGETABLE SEEDS.

Enclosed, find Post Office Order. Amount, ... $ . . . . . .

" " *Cash,* . . . . . " . . . . . .

" " *Draft,* . . . . . " . . . . . .

For which send the following list of Seeds, &c., to the address of

Name, ...

Post Office, ...

County, ...

State, ...

FLOWER SEEDS.

Number of Packets.	NAMES OF SEEDS.	PRICE.
		$

FLOWER SEEDS—Continued.

Number of Packets.	NAMES OF SEEDS OR BULBS.	PRICE.
		$

VEGETABLE SEEDS.

Amount in lbs., oz., packets or qts.	NAMES OF SEEDS.	PRICE.
		$

REMARKS.

DREER'S

GARDEN CALENDAR

FOR

1868.

DESIGNED TO FURNISH BRIEF DIRECTIONS

FOR THE

CULTIVATION AND MANAGEMENT

OF THE

VEGETABLE, FLOWER AND FRUIT GARDEN.

ILLUSTRATED WITH WOOD CUTS

CONTAINING

SELECT LISTS OF SEEDS AND PLANTS.

HENRY A. DREER,
SEEDSMAN AND FLORIST, No. 714 CHESTNUT STREET,
PHILADELPHIA.

DIRECTIONS TO CORRESPONDENTS.

Much trouble, delay, and disappointment, may be avoided by observing the following directions:

1st. Be particular to write your name *distinctly*, with Post office, County, and State: orders are frequently received without even a signature.

2d. Write out your orders legibly, in a list apart from the body of the letter, and in case of plants, specify if any varieties may be substituted when not on hand. Amateurs not conversant with the varieties will not suffer by leaving the selection to me, as I will, in such cases, make the best possible selection.

3d. It is requested that explicit directions be given for marking and shipping packages. Where no specific directions are given, I shall use my best judgment as to the route and mode of conveyance; it should, however, be expressly understood, that *all packages are at the risk of the purchasers after their delivery to the forwarders.*

4th. All orders from unknown correspondents, must be accompanied by cash, a draft or P. O. order, or instructions to *Collect on Delivery* by Express.

5th. Purchasers are requested to notify me promptly of any errors, which may have occurred in filling their orders, as my desire is to give entire satisfaction.

6th. For information as to the mailing of Seeds, see page 7.

In conclusion, I would state that the usual care will be observed in putting up all orders, large or small, to give full satisfaction to the purchaser, in the quality of the article, as well as in the manner of packing and forwarding. See letters of commendation on third page of cover.

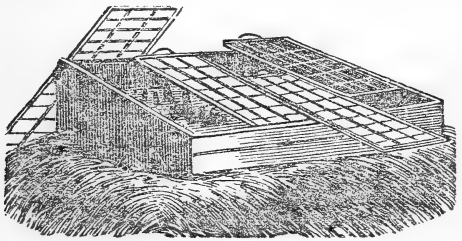
HENRY A DREER,
714 Chestnut St., Philadelphia, Penna.

VEGETABLE GARDEN.

PREPARATION OF THE GROUND.—To secure a fair return in seasonable crops, for the labor and outlay invested, it is essential that the soil of the Vegetable Garden should be well *under-drained, thoroughly trenched or subsoiled, and enriched by a judicious application of fertilizing material.* It is still the current opinion, based on experience, that for all purposes, well composted *barn-yard manure*, when available, is the best material. We do not deny, however, that several of the concentrated manures, now manufactured, are useful and convenient, especially for a succession of crops.

The exposure of a garden has much to do with the early maturity of the crops; an exposure to the morning sun is desirable. The soil must be in a friable state to secure the prompt vegetation of the seeds, and the destruction, or rather, prevention of weeds, is one of the most desirable results of frequent stirring of the surface. Soils are susceptible of alteration and improvement in texture; heavy clays can be rendered open and porous, and light sandy soils may be consolidated and rendered more retentive of moisture. For all such details we must refer the amateur to more extensive treatises on these subjects.

GARDEN REQUISITES.—There are several aids to the economical management of the garden, which are almost indispensable; one of these is the HOT-BED frame for the forwarding of plants for early planting. A frame, such as is shown in the cut, may be made of vari-

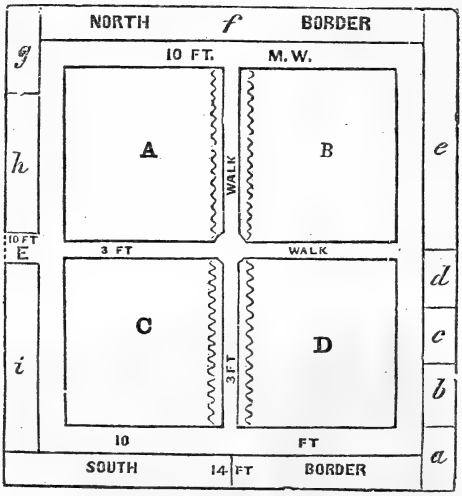


ous sizes, according to the size of garden, from four sashes upwards. The length of sash is generally seven feet, by three and a half wide, the size of glass six by eight inches, making the entire frame of four sashes, fourteen by seven feet. The frame should have a southern or southeastern exposure, should be made up with fresh horse manure and a

few leaves mixed with it: this must be laid in a heap preparatory to being used, and when in a proper state of fermentation, prepared for the reception of the frame. A few inches of rich loamy soil must be spread over the manure, then cover the frame with the sashes and after standing a few days to allow the rank heat and steam to pass off, the seed can be sown. Where the ground is well drained, a better plan is to dig out a space the size of the frame, from one to two feet deep, according to the season and the heat required, in which the manure is placed, care being taken to pack it firmly and evenly.

In addition to the Hot-bed frame, mats or shutters will be required to cover the sash during cold days and nights. To work the garden, the necessary implements—spade, fork, shovel, rakes, hoes, trowel, garden-line and reel, watering pot, and wheelbarrow are the most important.

Rotation of Crops.—We are convinced of the importance of a regular rotation of the Esculent crops. To convey the idea briefly, we present a diagram of the garden as laid out to secure this result.



A, B, C & D. Four compartments in which to plant various crops, alternately, *a* to *i*., small compartments round the border for nursing plants, sweet herbs, and setting out permanent beds of Asparagus, Artichoke, Rhubarb, &c. The border facing South, should be protected on the North side by a close board fence or wall, and will be found useful for sowing early Radish, Lettuce, Beets, &c., and setting out Tomatoes, Egg-plants, &c. The waved line represents a grape trellis; the entrance is at E. This plan may be carried out in a garden of greater or less extent.

ESTIMATE OF SEEDS

To Stock a Large Kitchen Garden

WITH A FULL SUPPLY THROUGHOUT THE SEASON.

2 oz. *Asparagus.*
4 qts. *Beans* Dwarf or Snap.
1 " " Large Lima.
6 oz. *Beet,* early and late var.
1 " *Borecole* or *Kale.*
½ " *Broccoli,* Purple Cape.
½ " *Brussels Sprouts.*
1 " *Cabbage,* two early var.
½ " " Savoy.
½ " " Red Pickling.
2 " " Late Drumhead.
4 " *Carrot,* two varieties.
½ " *Cauliflower,* early.
1 " *Celery,* white and Red.
2 " *Corn Salad.*
1 qt. *Corn,* extra early sugar.
2 qts. " Stowell's Evergreen.
2 " " Large Sugar.
1 oz. *Cucumber,* early and late.
2 " *Cress* or *Pepper Grass.*
½ " *Egg Plant,* Large Purple.
½ " *Endive,* Curled.
1 " *Kohlrabi,* early and late.
1 " *Leek,* Large Flag.
2 oz. *Lettuce,* three varieties.
4 " *Melons,* assorted.
1 " *Nasturtium.*
2 " *Okra,* Dwarf.
4 " *Onion,* two varieties.
4 qts. " Sets.
1 oz. *Parsley,* Extra Curled.
2 " *Parsnip,* Large Sugar.
2 qts. *Peas,* Dreer's Extra Early.
1 " " Tom Thumb.
2 " " Blue Imperial.
1 " " Eugenie.
1 " " Black-eye Marrowfat.
2 " " Champion of England
2 oz. *Pumpkin.*
6 " *Radish,* early and late.
2 " *Salsify,* Oyster Plant.
4 " *Spinach,* Round Savoy.
2 " *Squash,* assorted.
½ " *Tomato,* two varieties.
2 " *Turnips,* " "
1 paper each: Pepper, Sage, Sweet Marjorum, Thyme, Lavender, Summer Savory, Sweet Bazil.

Other varieties may be substituted, if desired.

☞ The above assortment will cost $20.00: one half of the above quantities, $10.00; one-fourth of the above quantities, $5,00.

The following table may be useful to the gardener, in showing the number of plants or trees that may be raised on an acre of ground, when planted at any of the under-mentioned distances.

Distance apart.	No. of Plants.	Distance apart.	No. of Plants.
1 foot	43,560	9 feet	537
1½ "	19,360	12 "	302
2 "	10,890	15 "	193
2½ "	6,969	18 "	134
3 "	4,840	21 "	98
4 "	2,722	24 "	75
5 "	1,742	27 "	59
6 "	1,210	30 "	48

Remarks on the Failure of Seeds.

"From a conviction that the Seedsman's fair reputation is often unjustly defamed, through the failure of seeds, we would with brevity state some of the causes:

1. That some cultivators, through ignorance or forgetfulness of the fact, that the products of a garden being natives of various soils and climates, require peculiar management, deposit their seeds in the ground at an improper season. To aid such, we have prepared brief directions, founded on practical experience in the vicinity of Philadelphia, where gardening operations are generally commenced early in March. These directions may, however, be applied to all other parts of the United States, by *a minute observance* of the difference in temperature.

"Thus, to the North, the directions for March will apply to April; and at the South, to January, February or whatever season gardening operations may commence in the respective States. The early and most hardy species and varieties should not be planted until the ground can be brought into good condition, as some species of plants that in an advanced stage of growth will stand a hard winter, are often cut off by a very slight frost while young, especially if exposed to the sun after a frosty night.

"2. That some species of seeds, such as Beans, Beet, Cabbage, Lettuce, Radish, Salsify, Turnip, &c., being from their nature, apt to vegetate quickly, are often destroyed while germinating, through variableness of the weather, and some are liable to be devoured by insects in forty-eight hours after they are sown, and before a plant is seen above ground, unless a suitable remedy is applied in time to annoy the insects.

"3. That some species, as Carrot, Celery, Leek, Onion, Parsley, Parsnip, Spinach, &c., being naturally of tardy growth taking (in unfavorable seasons) from two to three or four weeks to vegetate, are apt to perish through incrustation of the soil, or other untoward and unaccountable circumstances, which cannot always be controlled.

"4. That the failures often occur through Seeds being deposited too deeply in the ground, or left too near the surface. Sometimes, for want of sufficiency of Seed in a given spot, solitary plants will perish, they not having sufficient strength to open the pores of the earth, and very frequently injudicious management in manuring and preparing the soil will cause defeat."

For instructions on these and any other subjects of Gardening, the reader is referred to "Bridgeman's American Gardener's Assistant," or "Burr's Garden Vegetables."

Extract.—"Some Gardeners raise Egg Plants, &c., in the same hot-bed frame with Cabbage, and such other half hardy plants as require air every mild day; by such management one or the other must suffer for want of suitable aliment—*heat* being the principal food of tender plants, and *air* that of the more hardy species.

"In the sowing of seeds, remember that *in unity there is strength*, and that from the germinative parts of a Seed being weak and diminutive, it cannot be expected to perforate through the soil solitarily and alone. To insure a fair chance, plant your seeds moderately thick, and thin out the surplus plants while young. In planting Seeds in drills, which is the most eligible plan, the size of the Seed and strength of its germ should be considered; large seeds producing vigorous roots, require deeper planting than diminutive Seeds, producing delicate roots and slender stocks.

SEEDS BY MAIL.

Under the new Postal law, Seeds, cuttings, bulbs, &c., can be mailed in paper packages not exceeding four pounds in weight, at the rate of "two cents for each four ounces or fraction thereof: this arrangement offers great facilities to persons residing at a distance of procuring *reliable and pure Seeds*, at a very trifling cost for transportation, as we will mail all orders for Seed in papers or by the ounce,) Beans, Peas, and Corn excepted,) amounting to *one dollar or upwards*, free of postage charges. When ordered by the pound or quart, eight cents additional per lb. or fifteen cents per qt. must be added to the price of the Seeds. A postage stamp must accompany all orders under one dollar.

To insure prompt attention, a remittance must accompany the order. Correspondents will please write out their names legibly, with Post Office, County, and State.

Descriptive List of Vegetable Seeds.

For the convenience of purchasers the Seeds are put up in papers of five, ten, and twenty-five cents each. Those quoted at thirty cents per ounce and upwards, in not less than ten cent papers.

☞ French, Spanish, and German names follow after the English, to each class of vegetables.

ARTICHOKE.

Artichaut, Fr. *Alcachofa*, Span. *Artischoken*, Ger.

Large Green Globe, per oz. 50 cts.

Plant the seeds early in April, in rich soil, in drills one inch deep, and about twelve inches apart. When one year old transplant in well-manured ground, in rows five feet apart, and two feet from plant to plant. Protect during the winter by throwing up ridges of earth, and covering with manure or leaves.

ASPARAGUS.

Asperge, Fr. *Esparrago*, Span. *Spargel*, Ger.

Large Green, per oz. 10 cts. Lesher's Mammoth, per oz. 20 cts.

Sow in March or April, in rich soil. Soak the seed in warm water for 24 hours. Drill it thinly in rows a foot apart. When two years old, transplant into permanent beds, which should be well and deeply manured. Make the beds four feet wide. Set out the plants twelve inches apart each way, and four inches deep. On the approach of

winter clear off the bed, and cover with a dressing of manure, or compost; fork up the beds early in the spring, and apply a dressing of salt annually to the bed, after the season of cutting—which is not only beneficial to the plants, but will keep the bed clear of weeds.

BEANS,—English Dwarfs.

Feve de Marais, Fr. *Haba*, Span. *Puffbohnen*, Ger.

Early Mazagan, per qt.	40 cts.	Green Long Pod, per qt.	40 cts.
Broad Windsor, " "	40 "	Horse, "	40 "

To succeed well, these must be planted early, as the summer heat causes the blossoms to drop off prematurely, being quite hardy. Plant early in March, in strong loamy soil, in drills two feet apart.

BEANS,—Dwarf, or Snap-Short.

Haricot, Fr. *Frijoles*, Span. *Buschbohnen*, Ger.

Early Mohawk, per qt.	50 cts.	White Kidney, per qt.	30 cts.
Early China Red Eye,	40 "	Refugee,	40 "
Early Yellow Six Weeks,	40 "	Newington Wonder,	40 "
Red Speckled Valentine,	50 "	Turtle Soup, black	30 "
Red French or Marrow,	40 "	White Marrowfat,	30 "

The above list contains all that are really desirable.

All the varieties of this class are tender and will not bear the cold. The Mohawk is considered the hardiest, and is generally the first planted. The Valentine and Newington Wonder, are, however, the favorite varieties in this market, the pods being round and stringless. Plant about the middle of April, and at intervals throughout the season, for a succession, finishing about the end of July. The best mode of culture is in rows two feet apart and the beans two or three inches apart. Keep well hoed and draw the earth up to their stems.

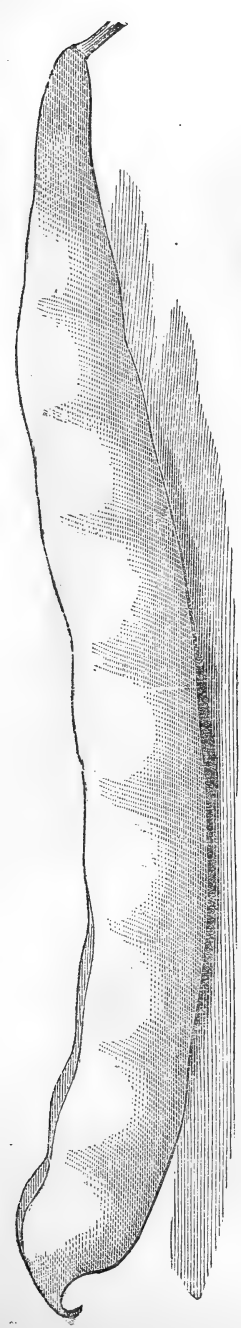
BEANS, Pole or Running.

Haricot a rames, Fr. *Stangen Böhnen*, Ger.

Large Lima, per qt.	60 cts.	Cranberry, per qt.	50 cts.
Carolina Lima, "	60 "	Horticultural, "	50 "
Scarlet Runner, "	60 "	German Wax, "	80 "
White Dutch Runner,	60 "	Dutch Case Knife, "	50 "

New Giant Wax Bean, per paper, 25 cts.

Plant about the middle of May. The Lima Beans are very susceptible of cold and wet, and apt to rot in the ground, and should not be planted until the season is favorable and the ground warm. Fix poles in the ground, four feet apart each way, and plant four to six beans about an inch deep around each pole. A shovel-full of rich, light and well rotted compost to each hill would be beneficial. They may be forwarded much earlier by sprouting them in a frame, under glass, and planting them out when the weather becomes mild, as they bear transplanting without any difficulty. The Horticultural and German Wax Bean are superior varieties, either as snap shorts or shelled.



GIANT WAX BEANS.

The Editor of the *American Agriculturist*, in November number, 1866, notices this valuable variety thus:

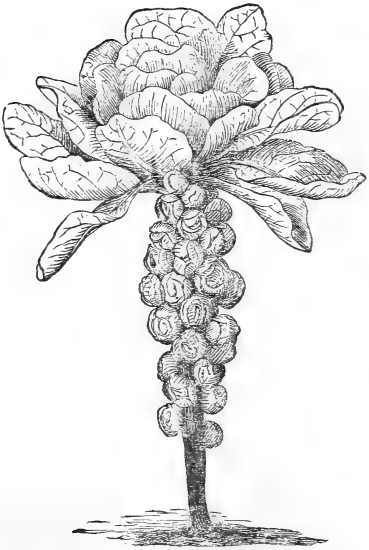
"GIANT WAX BEANS.—Under the above name we have received a sample of Beans, from Mr. Henry A. Dreer, Seedsman, Philadelphia. The pods are from 6 to 9 inches long, thick and fleshy, of a pale yellow color, and waxy appearance. The seeds are red. The peculiarity about this variety is, that its pods, even when full grown, are perfectly tender, and may be used as Snap Beans. We have tried them, both separately and in succotash, and consider them really delicious. The variety is a pole or running Bean; its origin is unknown, but wherever it came from, we welcome it as a valuable addition to our list of varieties."

Fearing Burr, Esq., the author of the "Vegetables of America," in a recent letter, speaks thus of this variety:—"As I promised, I have given the GiantWax Bean a fair trial, and am happy to say that it has proved everything you claimed it to be. When the plants were in full perfection, the poles displayed a mass of fine large waxen-white pods, from the tops to the bottom. On our table, the quality compared favorably with the Indian Chief (German Wax Bean,) which is high commendation. From the experience of a single season, I should pronounce it a decided acquisition. It must prove a valuable sort to the Market Gardener, on account of its remarkable productiveness; and its tender texture and delicate flavor, will secure it a place in the family vegetable garden." Put up in packets, containing upwards of 100 seeds. Per packet, 25 cents.

Simon's Ex. Early Red Turnip Beet.

Early Scarlet Horn Carrot.

Long Blood Red Beet.



Brussels Sprouts. Page 11

Early Short Horn Carrot.

The above illustrations are from "BURR'S VEGETABLES OF AMERICA," for sale at this establishment.

BEET, 10 cts. per oz.

Betterave, Fr. *Bettaraga*, Span. *Rothe oder Runkel rübe*, Ger.

Extra-Early Bassano.
Simon's Ex. Early Red.
Early Blood-Red Turnip.
Half Long Blood.
Long Blood-Red.
Long Smooth Blood, or (Radish Shaped.)
Swiss Chard,
Silesian, or Sugar.
Long Red Mangel Wurtzel.
Yellow Globe Mangel Wurtzel.

The first five named, are esteemed the best for table use. Sow in drills from April to June; thin out the plants to stand six or eight inches apart in the drills. The leaves of the Swiss chard are used as Spinach and the mid-rib of leaf dressed as Asparagus. The last three named varieties are used principally for feeding stock, and where extensively grown, the rows should be wide enough apart to cultivate with a horse hoe.

BORECOLE.

Chou vert, Fr. *Berza*, Span. *Kohl*, Ger.

Dwarf German Kale, per oz. 20 Scotch Kale, per oz. 10 cts
Tall German Kale, " 25 Red, or Purple Kale, " 25 "

An excellent green for Winter and Spring use. Sow from May to June. Set out the plants in July, in good rich ground. For early Spring use, sow the *Dwarf German*, in September, and protect over Winter, with a covering of Straw or litter.

BROCCOLI.

Brocoli, Fr. *Broculi*, Span. *Spargel Kohl.*, Ger.

Early Purple Cape, per oz. 75 cts. Early White Cape, per oz. 1.00.

Produce heads in Autumn like Cauliflower. The Cape varieties are best adapted to our climate. Sow about the middle of May, transplant and manage as Winter Cabbage.

BRUSSELS SPROUTS, 30 cts. per oz.

Chou de Bruxelles, Fr. *Rosenkohl*, Ger.

Produces from the stem small heads, resembling Cabbage in miniature. The sprouts are used as winter greens, and become very tender when touched by the frost. Sow in May, transplant, and manage as winter Cabbage.

CARDOON.

Cardon, Fr. *Cardo*, Span. *Kardonen*, Ger.

Large Solid Stalked, per oz. 60 cts.

Is much cultivated in Europe for culinary purposes. The stem of the leaves, which are thick and crisp, after being blanched, are the eatable parts, and are generally used in soups or stews. They are in perfection during the autumn and winter. Sow in April; and transplant in trenches of well manured ground; blanch by earthing up in the fall.

CABBAGE.

Chou Pomme, Fr. *Repollo*, Span. *Kopf. Kohl*, Ger.

Early York,	per oz.	25 cts.	Red Drumhead,	per oz.	50 cts.
Early Oxheart,	"	40 "	Red Dutch for Pickling,	30	"
Early Sugar Loaf,	"	30 "	Large Late Drumhead,	50	"
Wheeler's Imperial,	"	40 "	Large Flat Dutch,	50	"
Large Early York,	"	30 "	Large Bergen,	30	"
Early Winnigstadt,	"	50 "	Early Dwarf Savoy,	30	"
Early Wakefield.	"	50 "	Green Curled Savoy,	30	"
Early St. John's Day,	"	30 "	Large Drumhead Savoy,	30	"

The first column contains the early sorts, which may be raised as follows: Sow the seed in well prepared ground, about the 15th of September. When the plants are large enough to transplant, pick them out of the seed bed, into frames. Protect the plants during severe weather, with a covering of boards, observing to give them plenty of air and light during mild weather. They may also be raised by sowing the seed very early in the spring, in hot-beds—afterwards plant out in deep and well-manured ground, in rows eighteen inches apart and twelve inches distant in the rows.

The autumn and winter sorts, sow in April or early in May, in a moderately shaded border, in shallow drills, three or four inches apart.

Transplant early in July, in rows thirty inches apart, and about two feet apart in the rows. Cabbage succeeds best in a fresh, rich soil, well manured and deeply dug or plowed. The late plants are subject to attacks of the cabbage fly, destroying them as fast as they appear above ground. Various remedies are recommended for the preservation of the plants, such as sprinkling them with ashes, air-slack lime, plaster, or tobacco, which should be performed early in the morning. A solution of whale-oil soap is also recommended.

CAULIFLOWER.

Chou Fleur, Fr. *Coliflor*, Span. *Blumen Kohl*, Ger.

Early London,	per oz.	$1.00	Large Walcheren,	per oz.	$1.00
Early Paris,	"	1.50	Late Statholder,	"	1.00
Early Erfurt, Dwarf,	"	2.50	Large Le Normand,	"	2.00

Sow for early about the middle of September, in a bed of clean rich earth. In about four or five weeks afterwards the plant should be pricked out into another bed, at the distance of four inches from each other every way: these should be encompassed with garden frames, covered with glass sashes, and boards or shutters. The beds must be so secured, and the tops of the beds so covered as to keep out all frost, giving them light and air every mild day throughout the winter.

Transplant in April into a bed of the richest earth, in the garden, at a distance of two feet and a half each way. Keep them well hoed, and bring the earth gradually up to their stems. The late variety matures in the autumn, and is sown and managed similarly to Cape Broccoli, but are not so certain to succeed in this climate.

CARROT.

Carotte, Fr. *Zanahoria*, Span. *Möhren*, Ger.

Scarlet Short-Horn, per oz.	20 cts.	Long Orange, per oz.	15 cts.
Early Scarlet Horn, "	20 cts.	Altringham or Field,	10 cts.
Half-long Orange, "	20 cts.	Large White Field,	10 cts.

The first three are the best kinds for table use. The Early Horn should be cultivated for spring use; but the Long Orange is more suitable for a main crop. For an early crop sow the seed, latter end of March, in well-dug, rich loamy soil, in drills about an inch deep and twelve inches apart. For late crop sow in May.

The most suitable ground for late Carrots, is that which has been well-manured for previous crops, and requires no fresh manure.

CELERY.

Celeri, Fr. *Appio Hortense*, Span. *Sellerie*, Ger.

Dreer's White Solid, per oz.	40 cts.	Cole's Crystal White,	40 cts.
Rose Colored Solid, "	30 cts.	Ivery's Nonsuch, red,	40 cts.
Seymour's White Solid, "	30 cts.	Celeriac, or Turnip-rooted,	30

Turner's Incomparable Dwarf White, (*extra*,) per oz. 50 cts.

Sow the last of March or early in April, in rich mellow ground, and in a situation where the plants can be protected from the parching heat of a summer sun; in dry weather water freely. When the plants are five or six inches high, transplant a portion in trenches well manured, and repeat at intervals of two or three weeks for succession. As they advance in growth, blanch by earthing up, which should be performed gradually in fine weather, taking care not to bury the hearts of the plants. The *Celeriac*, or Turnip-rooted, may be planted either on level ground or in shallow drills. The root of it swells like a turnip, and may be preserved in sand through the winter; this is cooked and dressed similar to a Beet.

CHERVIL, per oz. 25 cts.

Cerfeuil, Fr. *Perifolio*, Span. *Garten Körbel*, Ger.

Used as small salad, and for seasoning like parsley. Sow in drills, in spring and at intervals.

Chervil, New Parsnip-rooted, per oz. 25 cts.

CHICORY—Large-rooted, per oz. 15 cts.

The roots of this variety are dried and used as a substitute for Coffee. Sow in April. Cultivate like Carrots.

CORN SALAD, per oz. 15 cts.

Mache, Fr. *Ackersalat*, Ger.

Used as a small salad throughout the winter and spring. Sow in drills in August and September. Cover with straw on the approach of winter.

CORN—for Garden Culture.

Mais, Fr. *Maiz*, Span. *Welschkorn*, Ger.

Adam's Extra Early, per qt.	30 cts.	R. Isl. Asylum Sweet, per qt.	40
Extra Early Sugar, "	30 "	Tuscarora,	30 cts.
Large Sweet, or Sugar, "	30 "	Stowell's Evergreen,	30 "

Plant about first week in May and at intervals. The above varieties are the best for table use. *Adam's Early*, is the hardiest, and can be planted about the middle of April, and is the first corn that appears in the market, but cannot compare with the *Sugar*, or the *Evergreen*, which are, without question, the *best* for culinary purposes.

The Sugar Corn being liable to rot in cold or wet ground, should not be planted until May, and for a succession, continue planting every two weeks, until the middle of July, in well-manured ground, in hills three feet apart.

CRESS, per oz. 10 cts.

Cresson, Fr. *Alenois Mastuerzo*, Span. *Garten Kresse*, Ger.

Curled, or Pepper Grass. Broad Leaved Garden.
True Water Cress, per oz. 50 cts.

Used as a small salad. Sow at intervals throughout the season. The Water Cress requires a stream of running water, in which it will grow without care, except keeping at first weeds from interfering with it.

CUCUMBER.

Concombre, Fr. *Cohombro*, Span. *Gurken*, Ger.

Early Russian, per oz.	30 cts.	Large Early Market, per oz.	25 cts.
Early Frame, "	25 "	Long Green Turkey, "	30 "
Early White-spined, "	25 "	Gherkin, or Burr, "	50 "

The first four are the earliest and most esteemed table varieties.

The White-Spined retains its green color much longer than any other variety, and is principally grown for our markets. The Long Green and Gherkin are mostly used for pickles. For early use, plant about first week in May, on a warm and sheltered border. For pickles plant in the middle of July.

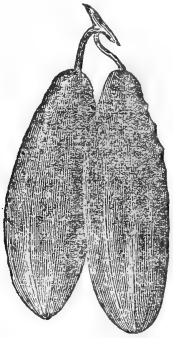
ENGLISH PRIZE CUCUMBERS.

In packages; 25 cts. each.

Champion of England.	Giant Arnstadt.
Sir Colin Campbell.	Himalaya.
General Canrobert.	Lynch's Star of the West.
Sion House, Improved.	Carter's Prolific.
Roman Emperor.	Haage's Giant.
Victory of Bath.	Berkshire Champion.
Kirkley Hall Defiance.	Wright's Wonder.
Snow's Horticultural Prize.	Bradford Hero.
Kelway's Perfection.	Derbyshire Hero.

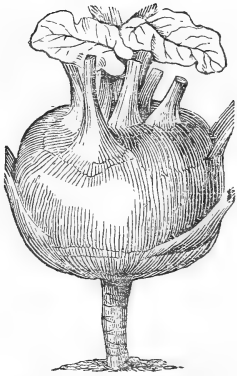
These are the favorite varieties for forcing, frequently attaining a length of thirty inches. To grow them properly requires a skilful gardener, or much fuller directions than can be imparted in these pages.—See works on gardening.

English Prize Cucumber.



Early Russian Cucumber.

White Spined Cucumber.



Kohlrabi, or Turnip Rooted Cabbage. Page 16.

The above illustrations were kindly loaned by the Publishers of "BURR'S VEGETABLES OF AMERICA."

EGG-PLANT.

Aubergine, Fr. *Berengena*, Span. *Eierpflanze*, Ger.

Early Oval Purple, per oz. 80 cts. Scarlet, 10 cts. per paper.
Large Round Purple, " 60 " Long White, 10 cts. per paper.

The first two are the kinds usually cultivated for table use—the others are fancy varieties.

Sow in hot-beds early in March; transplant middle of May to first of June, in a rich warm piece of ground about thirty inches apart.

Draw the earth up to their stems when about a foot high. Egg-plant seed will not vegetate freely without substantial heat, and if the plants get the least chilled, in the earlier stages of growth, they seldom recover. Repeated sowings are sometimes necessary.

ENDIVE, per oz. 30 cts.

Chicoree, Fr. *Endivia*, Span. *Endivian*, Ger.

Green Curled, Green Curled Moss,
White Curled, Broad-Leaved Batavian,

The *Green Curled* is considered the hardiest and best for salad. Sow in July, in shallow drills. When three or four inches high, transplant into good ground, at a distance of a foot apart. Blanch by tying up, which must be done when quite dry, or they will rot. At the approach of winter, the growing crop may be taken up carefully, with a ball of earth to each plant, and planted close together in a frame or dry cellar.

KOHL-RABI, or Turnip-rooted Cabbage.

Chou Rave, Fr. *Kohl Rabi*, Ger.

Early White Vienna, per oz. 40 cts. Large Late Blue, per oz. 25 cts.
" Blue " " 40 " " " White, " 25 "

This is a favorite vegetable in Europe, especially on the continent, and should be grown in every garden. Sow in April, and transplant in rows, twelve to eighteen inches apart. For late use, sow in June.

KALE—See Borecole.

Sea Kale, per oz. 30 cts.

Chou Marin, Fr. *Col. Marina*, Span. *See Kohl*, Ger.

Is much esteemed in England, in some parts of which it grows spontaneously. The seed may be sown in October, or as early in the spring as the ground can be worked. For further directions see Bridgman's Kitchen Gardener's Instructor.

LEEK.

Poireau, Fr. *Porree*, Span. *Lauch*, Ger.

Large Scotch Flag, per oz. 30 cts. Large London, per oz. 30 cts.

Large Musselburg, very fine, per oz. 40 cts.

Sow early in April. When the plants are four or five inches high, transplant in rows.

LETTUCE.

Laitue, Fr. *Lechuga*, Span. *Garten Salat*, Ger.

Early Curled,	per oz. 25 cts.		Paris Green Coss,	per oz. 30 cts.	
Early Stonehead,	" 25 "		Brown Dutch,	" 30 "	
Early Tennisball,	" 30 "		Curled India Head,	" 50 "	
Early White Cabbage,	" 40 "		New Perpignan,	" 50 "	
Royal Cabbage,	" 40 "		Red Edged Victoria,	" 50 "	
White, or Ice Coss,	" 30 "		Hardy Hammersmith.	30 "	

The *Early Curled* is used as a cut salad, for which purpose it is sown thickly in frames, early in the spring, and somewhat later in the open borders. The *Early Stonehead*, is one of the earliest heading varieties; the *Early Cabbage*, or Butter, is also a fine early Head Salad; the *Royal Cabbage* is a little later, and produces fine solid heads, and is much esteemed. The *Curled India* and *Perpignan* produce fine solid heads, and stand the heat well. To grow Head Lettuce fine, sow the seed in September; protect the plants during the winter, in frames, and plant out early in April, in rich moist ground, or sow in hot-beds in February or March, and afterwards transplant.

MUSHROOM SPAWN.

Sold in the form of Bricks, at 30 cts. each.

Champignon, Fr. *Seta*, Span. *Champignon brut*, Ger.

Culture.—Mushroom beds are best made under cover. A dry cellar or shed will do. Collect fresh horse-droppings without straw, turn them over three or four times, to get rid of the heat, dig out a foot deep of the space to contain the bed, lay some long manure at the bottom, and then the prepared dung, a little at a time, evenly and well beaten down until it is a foot above the ground; put a layer of light earth on this, two inches thick; after a few days when the rank heat has passed off, place the spawn in the bed in lumps about two inches square and six inches apart, then cover with light earth an inch thick; beat it gently down all over. Cover the bed thickly with straw, and if out of doors, keep off rain, and protect from the cold with mats or boards. In about five weeks the mushrooms should make their appearance.

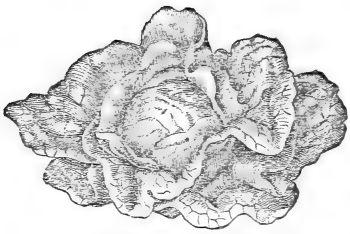
MUSK-MELON.

Melon Muscade, Fr. *Melon Muscatel*, Span. *Kantalupen*, Ger.

Jenny Lind,	per oz. 10 cts.		Large Nutmeg,	per oz. 20 cts.	
Netted Citron,	" 10 "		Persian, (very fine,)	" 25 "	
Pine Apple,	" 20 "		White Japan,	" 25 "	

Mango, (for pickling only,) per oz. 20 cts.

All the above varieties can be recommended. The *Jenny Lind* is a small variety, and with the *Citron* and *Pine Apple*, are the leading varieties in our market, and are of exquisite flavor; the *Persian* is a late variety of large size and superior quality. Plant early in May, in hills of rich light soil, six feet apart each way; allow three plants to each hill. When about a foot long, pinch off the tips, to make them branch. Observe not to plant pumpkins or squash near them.

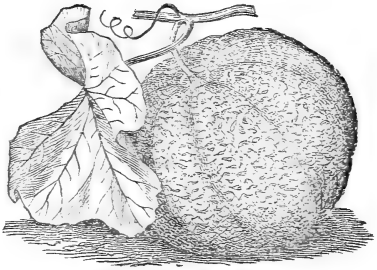


Early Cabbage Lettuce. Page 17.

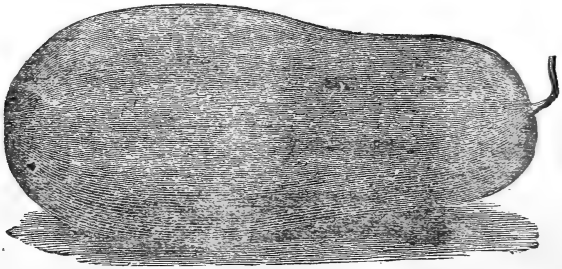
Boston Curled Lettuce.
Page 31.

Early Frame Cucumber.

Large Musselburg Leek. Page 16.



Netted Citron Melon.
Page 17.



Mountain Sweet Water Melon. Page 19.

WATER-MELON.

Melon d'Eau, Fr. *Zandia*, Span. *Wasser Melonen*, Ger.

Mountain Sweet, per oz. 10 cts. Goodwin's Imperial, per oz. 20 cts.
Mountain Sprout, " 20 " Ice Cream, true, " 20 "
Black Spanish, " 20 " Orange, " 20 "
Citron, (for preserving,) 10 " Apple Pie, " 20 "

The *Mountain Sweet* is cultivated extensively for the Philadelphia Market, and stands deservedly the first on our list; when well-grown from pure seed, it cannot be surpassed for size and quality. The *Ice Cream*, is early, of large size, pink flesh, and white seed. The *Apple Pie* is prepared like apples for pies and sauces; the *Orange* is of small size; the flesh separates from the rind like an orange, and is an excellent variety for late use. The Water-melon thrives best in a sandy soil, and should be planted in hills eight feet apart each way.

MUSTARD, per oz. 10 cts.

Moutard, Fr. *Mostazo*, Span. *Senf*, Ger.

White, (English.) Brown.

Sown like cress and used as a small salad. The White Mustard is also used for medicinal purposes.

NASTURTIUM, per oz. 25 cts.

Capucine, Fr. *Capuchina*, Span. *Kapuziner*, Ger.

The seed pods and foot-stalks are gathered green and pickled in vinegar; resembling capers. Sow in April or early in May.

OKRA, OR GOMBO.

Quibombo, Span. *Essbarer Hibiscus*, Ger.

Dwarf, long podded, per oz. 10 cts.

The green capsules of this plant are used in soups, stews, &c., to which they impart a rich flavor, and are considered nutritious. Plant the seeds about the middle of May, in hills or drills. Plant the seed thickly, as it is liable to rot in the ground; rich ground is necessary.

ONION.

Ognon, Fr. *Cebolla*, Span. *Zwiebel*, Ger.

White, or Silver Skinned, per oz. 40 cents. Large Yellow Strasburg, per oz. 30 cents.

Large Wethersfield, per oz. 25 cents.

The Silver Skin and Yellow Strasburg are grown in this vicinity, as northern grown seed cannot be depended upon to raise good sets. For sets, sow the seed early in the Spring, very thickly, in beds or drills. As soon as the tops die off in the summer, remove them to a dry airy place; and early in the following Spring re-plant in rows about four inches apart, the rows wide enough apart to admit of hoeing. The Onions, by this process are obtained of a large size early in the season. They may be reared to full size during the first season, by sowing in drills early in March, in strong land, and thinning them out to stand two or three inches apart, keeping them well hoed: for this purpose the Red Wethersfield is usually preferred.

ONION SETS.

WHITE. YELLOW.

Plant early in the Spring, in rich ground, in drills six inches apart.

PARSLEY.

Persil, FR. *Perejil* SPAN. *Petersilie*, GER.

CURLED, OR DOUBLE, per oz. 10 cts. EXTRA CURLED, per oz. 20 cts.

Sow early in April, in rows. Soak the seed first in warm water.

PARSNIP, per oz. 10 cts.

Panais, FR. *Chariberia*, SPAN. *Pastinake*, GER.

LARGE SUGAR, OR HOLLOW-CROWNED.

This is decidedly the best variety. Sow early in April, in rich ground, well dug. Cultivate similar to carrots. The roots can remain in the ground for spring use.

PEAS.

Pois, FR. *Guizante*, SPAN. *Erbsen*, GER.

Earliest.

	Height.	Price per qt.
DREER'S EXTRA EARLY, very early and prolific,	2 feet,	.60
EXTRA EARLY,	2½ "	.50
DANIEL O'ROURKE, an early English variety,	2½ "	.40
DILLISTONE'S EARLY PROLIFIC,	2½ "	.50
TOM THUMB, or Allen's Dwarf,	10 inches,	.80

The *Tom Thumb*, is the best *Early Dwarf Pea;* requires a rich soil, and is well suited from its dwarf habit for small gardens; a good bearer.

Second Early.

	Height.	Price per qt.
EARLY FRAME, or Washington,	3 feet.	$ .40
BISHOP'S DWARF, prolific,	1½ "	.50
BISHOP'S NEW LONG PODDED DWARF	1½ "	.50
*ADVANCER, new and fine,	2 "	.80

For General and Late Crops.

*CHAMPION OF ENGLAND, (one of the best,)	3 "	.50
CHAMPION OF PARIS,	4 "	.50
DWARF BLUE IMPERIAL, a favorite variety,	2½ "	.40
*VEITCHE'S PERFECTION, very fine,	2½ "	.50
WATERLOO, OR VICTORY MARROW,	6 "	.50
*HAIR'S DWARF GREEN MARROW, fine,	2½ "	.60
WHITE MARROWFAT,	3 "	.30
BLACK-EYE MARROWFAT,	3 "	.30
*NAPOLEON, or new Dwarf Climax,	2½ "	.60
*EUGENIE, or Alliance,	2 "	.50
DWARF SUGAR, edible pods, (true)	2 "	1.00
TALL, " " " "	4 to 6 "	1.00
*KNIGHT'S DWARF GREEN MARROW,	3 "	.50
*KNIGHT'S TALL GREEN MARROW,	5 "	.50

Those marked thus * are wrinkled marrows, the finest flavored peas.

The above list contains all the leading varieties, and is quite sufficient to suit all purposes.

Commence planting the early kinds as early in the Spring as the ground can be brought into good condition. All the other sorts will answer for successive crops. To have Peas during the Summer and Autumn plant in June, July and August, in single or double rows, from two to four feet apart, according to height. Dreer's Extra Early is one of the best for early as well as late planting, and is extensively used by our market gardeners for a late fall crop. In hoeing, draw the earth up to their stems.

PEPPER.

Piment, Fr. *Pimento*, Span. *Pfeffer*, Ger.

Large Sweet Bell, per oz. 50 cents. Cayenne, or Long, per oz. $1.00
Tomato-Shaped, per oz. 50 cts. Cherry, " 1.00

The Bell-Shaped and Tomato are used, when green, for pickling. The Bell-Shaped is quite mild, and attains a large size. Sow in hotbeds in March, or on a warm border early in May. Transplant in good rich ground, from 18 to 24 inches apart.

PUMPKIN.

Courge, Fr. *Calabaza*, Span. *Kuerbis*, Ger.

Cashaw, (Crooked-necked) 10 cts. Large Cheese, per oz. 10 cts.
Mammoth, per oz. 30 " Field, per qt. 30 cts.

Plant in May in hills, eight or ten feet apart each way. The Cashaw is generally preferred for cooking.

RADISH, 15 cts. per oz.

Radis et Rave, Fr. *Rabano*, Span. *Rettig*, Ger.

Early Scarlet Olive Shaped, Yellow Turnip, or Summer.
Early White " " White Naples, or Summer.
Long Scarlet Short Top. White Spanish, or Winter.
Long Salmon " " Black Spanish, or Winter.
White Turnip-rooted. Scarlet China Winter, 25 cts. oz.
Red Turnip-rooted, or Cherry. White China Winter, 25cts. oz.

The first column contains the varieties used for early sowings, which should be made as early in the Spring as the ground can be worked, on a sheltered border. The ground should be well manured, dug and raked. The Yellow Turnip and White Naples are excellent varieties for Summer use.

RHUBARB, per oz. 25 cts.

Rhubarbe, Fr. *Ruibarbo*, Span. *Rabarber*, Ger.

Victoria, Prince Albert,
Linnæus, Magnum Bonum.

The stalks of this plant are used for pies and tarts. It is fit for use before green fruit appears, and is an excellent substitute. Sow in April; transplant the ensuing Autumn or Spring to any desired situation, in deep and heavily manured ground. As no dependence can be placed upon growing the varieties truely from seed, it is recommended to those who desire a choice article, to procure the roots. We offer the following choice varieties.

RHUBARB ROOTS.

25 cents each; $2 to $4 per dozen, according to size. These are *not seedlings*, but propagated from the true varieties.

MITCHELL'S EARLY.	PRINCE ALBERT.
MYATT'S LINNÆUS.	ROYAL LEAMINGTON.
MYATT'S VICTORIA.	MAGNUM BONUM.

To grow the stalks to perfection, the ground must be dug and heavily manured, at least two feet deep. Set out the roots four feet apart each way.

SALSIFY, OR OYSTER PLANT, per oz. 25 cts.

Salsifis, FR. *Salsifi*, SPAN. *Haferwurzel*, GER.

A fine vegetable used as carrots; or, after being boiled, made into cakes with paste, and fried like oysters, which they resemble in flavor. Cultivate same as parsnips; it is also hardy and can remain in the ground all Winter for early Spring use.

SCORZONERA, per oz. 30 cts.

Scorsonere, FR. *Escorzonera*, SPAN. *Schwartz wurzel*, GER.

Known as Black Salsify. It is cultivated and used in the same manner as the Salsify.

SORREL, (Garden) per oz. 20 cts.

Oseille, FR. *Acedera*, SPAN. *Sauerampfer*, GER.

Used as a salad. Sow in April in shallow drills; thin out the plants to twelve inches apart.

SPINACH.

10 *cts. per oz.*—80 *cts. per lb.*

Epinard, FR. *Espinaca*, SPAN. *Spinat*, GER.

ROUND-LEAVED SAVOY. PRICKLY-SEEDED.

NEW ZEALAND, per oz. 20 cts.

For Spring and Summer use, sow as early as the ground can be worked. For Winter and early Spring use, sow in September, in well manured ground; cover with straw on the approach of cold weather.

SQUASH.

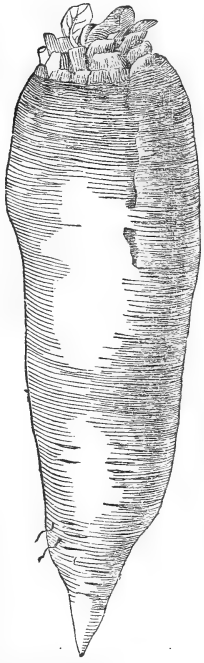
15 *cts. per oz.*

Courge, FR. *Calabasa*, SPAN. *Kürbis*, GER.

EARLY BUSH, OR PATTY PAN.	TURBAN, per oz. 40 cts.
EARLY GOLDEN BUSH.	BOSTON MARROW, 20 cts.
LONG GREEN CROOK-NECK.	NEW HUBBARD, 20 cts.

The varieties of the first column, are the best for summer use, and the *Boston Marrow* and *Hubbard*, are superior Winter varieties. The *Early Bush* appears to be the favorite variety for summer use, as it is more extensively grown than any other, and being of a bushy habit, is more suitable for small gardens than the running kinds. Plant in hills in the same manner, and at the same time, as Cucumbers and Melons. The bush varieties three or four feet apart, and the running kinds from six to nine.

Long Scarlet Short Top Radish. Page 21.

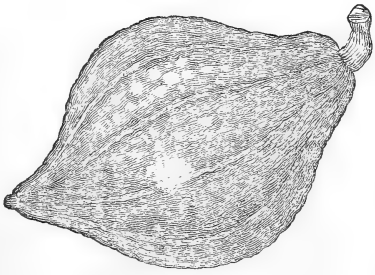


Long Red Mangel Wurtzel.
Page 11.

Student Parsnip.
Page 32.

Early Scarlet Olive Shaped Radish. P. 21.

Purple or Red Top Turnip.
Page 24.



Hubbard Squash. Page 22.

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TOMATO.

Tomate, Fr. *Tomats*, Span. *Liebes Apfel*, Ger.

Extra Early Red, per oz. 50 cts. Fejee Island, per oz. 50 cts.
Large Smooth Red, " 25 " Large Yellow, " 50 "
The Cook's Favorite, *new*, 50 " Red and Yellow Cherry, 50 cts.
Tilden, *new*, the most solid, smooth, and fine-flavored variety. Price, 25 cts. per paper; per oz. $1.00.

The Extra Early is desirable only for ripening a few days in advance of the other varieties. *The Tilden* is now the popular sort, both for early and late use. The fruit is of good size, solid, and fine-flavored. *The Cook's Favorite*, also a solid, smooth variety, medium size. *The Fejee Island*, large size, solid, and good flavor, but later in ripening than the other sorts. These three varieties can be recommended as the best for general cultivation, or family use; for putting up in cans for winter use they have no superior, as they contain less water and seeds than other varieties. For early use sow in hot beds, or boxes, early in March, and plant out in May, from four to five feet apart. For late use set out the plants in July; the green fruit can be picked off before frost, and ripened under glass.

TURNIP, per oz. 10 cts.

Navet, Fr. *Nebo*, Span. *Ruben*, Ger.

White Flat Dutch, strap-leaved. Long White French.
Purple or Red Top, " Yellow Aberdeen, or Scotch.
Teltow or Marrow, per oz. 20 cts. Purple Top Ruta Baga.
Robertson's Golden Ball. Golden Globe Ruta Baga.
Early Yellow Stone. White Ruta Baga, or Swedish.
White Norfolk or Globe. Dale's Hybrid.

The first four on the list are the best for table use: the *Flat Dutch* is usually sown for early summer use, quite early in the Spring, and also with the *Purple Top* in July and August, for a main crop. *Robertson's Golden Ball* is of recent introduction, and is highly recommended for culinary purposes. So is also the *Teltow*, a small, delicate-flavored variety, highly esteemed in Germany. The *Globe*, *Norfolk*, and *Ruta Baga*, are *principally used for feeding stock*. Sow in June, or early in July, in drills two feet apart, and thin out to stand six inches apart—keeping the ground well stirred and clear of weeds. As Turnips are grown principally for consumption during the winter and early spring, a few brief hints for their preservation is necessary. Take up the roots in November, cut off the tops within an inch of the crown. Those for winter use can be stored away in a cool cellar or pit, and covered over with a few inches of dry earth. For early spring use, pile up in conical form, out of doors, cover carefully with long straw, and finish by earthing up, covering them with about 12 or 15 inches of earth; leave a vent or air-hole, by placing a bunch of straw in the top. Put away in this manner, they will be found in good condition in the spring.

AROMATIC, SWEET AND MEDICINAL HERBS.

Per paper, 10 cts.

Anise.	Celery, for flavoring.	*Mint.
Angelica.	Castor Oil Bean.	Rue.
Basil, sweet.	Cumin.	*Rosemary.
*Balm.	*Dill.	*Sage.
Balsam Apple.	Elecampane.	Savory, summer
Burnet.	Fenugreck.	*Savory, winter.
Belladonna.	*Horehound.	Skirret.
Bene.	*Hyssop.	*Thyme.
Borage.	*Lavender.	*Tansy.
Caraway.	*Marigold, pot.	*Wormwood.
Coriander.	Marjoram, sweet.	

Those marked with a * are perennial, and when once obtained in the garden may be preserved for years, with a little attention. Sow in April, in shallow drills; when up a few inches, thin out to proper distances.

MIXED LAWN-GRASS SEED.

Particular attention is paid to the selection and mixing of suitable Grasses, for laying down Lawns and Pleasure grounds. Price 30 cts. per quart, or $6.00 per bushel.

AGRICULTURAL SEEDS, &c.

Selected of the finest quality, and supplied at market rates.

Sweet Vernal Grass.	Per. Rye Grass.	Orchard Grass.
Flax Seed.	Red Clover.	Herd or Red Top.
White Dutch Clover.	Alsike Clover.	Blue Grass.
Lucerne.	Green Grass.	Broom Corn.
Timothy.	Buckwheat.	Sunflower.
Pear Pips.	Hungarian Grass.	Honey Locust.

Sorghum, or Sugar Cane. Ruta Baga, or Swedish Turnip.

OSAGE ORANGE SEED, for Hedges, per lb. $2.00.

BIRD SEEDS, &c.

Selected of the best quality, free from mustiness and other impurities, so destructive to birds.

Canary.	Rape.	Bird Baskets.
Hemp.	Mixed Bird Seed.	Bath Cups.
Maw.	Lettuce.	Hair for Nests.
Millet.	Rough Rice.	Cuttle Fish Bone.

TOBACCO SEED.

Havana, per oz. $1.00. Pennsylvania, per oz. 50 cts.
Virginia, " 50 cts. Connecticut Seed Leaf, per oz. 50 c.

LATAKIA TOBACCO SEED,

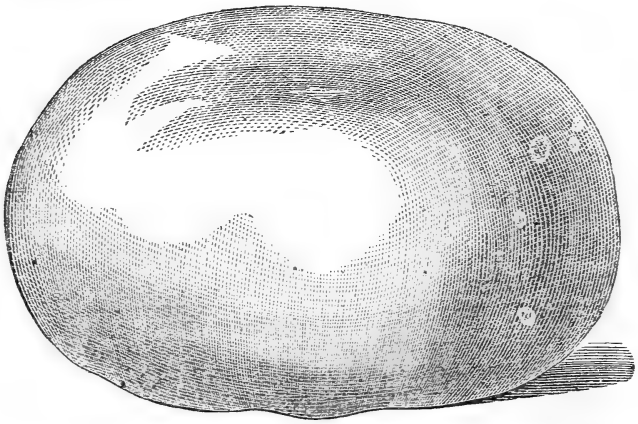
Introduced by the distinguished traveller, Bayard Taylor, from Mount Lebanon. This is considered in the Orient the finest smoking tobacco in the world. It exhales a delicious aromatic odor, resembling that of dried roses, and is believed to be an entirely distinct species, peculiar to Mount Lebanon. Price, per packet, 25 cts.

ESCULENT ROOTS AND PLANTS IN SEASON.

Early Potatoes.	Mushroom Spawn.
Garlic.	Asparagus Roots.
White Onion Sets.	Sweet Potato Slips.
Yellow Onion Sets.	Rhubarb Roots.
Cabbage Plants.	Lettuce Plants.
Celery "	Tomato Plants.
Egg "	Pepper Plants.

NEW AND DESIRABLE VEGETABLES.

We take pleasure in offering the following varieties, and can recommend them for their superior qualities.



Tilden Tomato.

This valuable variety originated with Mr. Henry Tilden, of Davenport, Iowa. The plant is somewhat dwarf in its habit, the branches rarely reaching three feet in length, even when trained on stakes. It is good, both as an early and late variety, ripening the past season on *late* ground by the 10th of July, and continued bearing up to the last of October. In shape the largest fruit is uniformly oval, which is the normal form of the variety, the warty excrescences about the calyx, and which so often disfigure the fruit of other varieties, are never seen in the Tilden *The color* is a brilliant scarlet, and the skin is

smooth, glossy, and rarely wrinkled, the flesh is remarkably solid and high-flavored, giving a richer, and less watery pulp, when cooked than any other.—PRICE PER PACKET, 25 cts.

GIANT WAX BEAN, (Running.)

Recently introduced, and differing essentially from the old *German Wax Bean*, being of a more robust growth, and also more productive, the pods are from six to nine inches in length, and from three-fourths to one inch in breadth, the beans when ripe are of a reddish color. The pods, when fit for use, are of a clear waxy color, perfectly stringless, and when cooked are as tender as marrow, and truly delicious. *Cultivation*:—Fix strong poles to each hill, which should be three feet apart, and four feet between the rows, enrich with well rotten stable manure, or compost of bone dust and wood ashes, or guano and plaster, well incorporated in the soil; plant four or five beans to a hill, and allow three of the strongest plants to remain. The first planting can be made early in May, and for Fall use make a second planting about the middle of June. They are in their best condition for use, when the pods have attained their full growth, and yellow color. Price per packet, 25 cts.

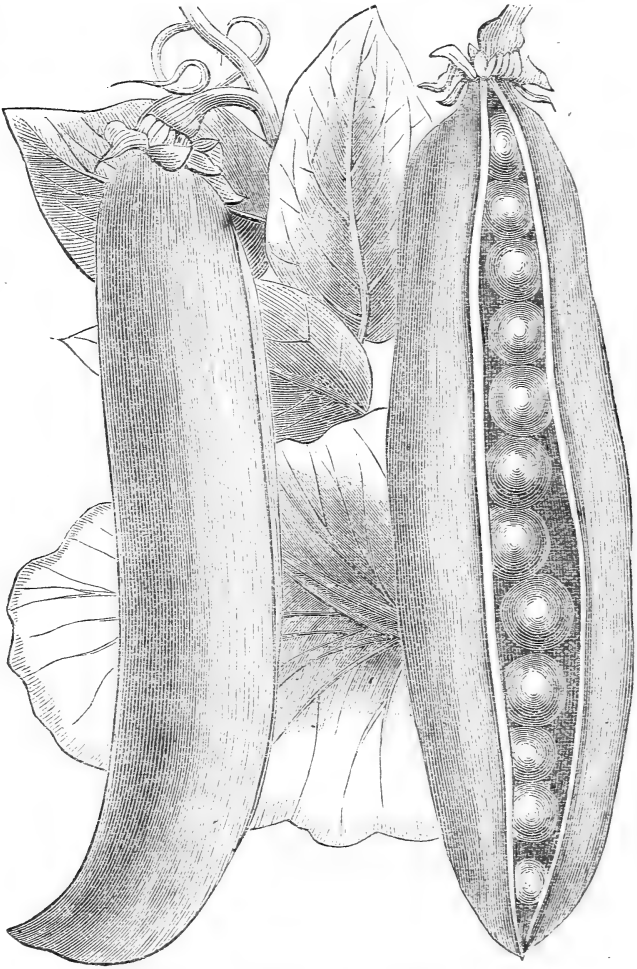
Mr. Burr, author of the "Vegetables of America," says,—"I have given the Giant Wax Bean a fair trial, and am happy to say, that it has proved every thing you claimed it to be." The American Agriculturist, November, 1866, says,—"Its origin is unknown; but wherever it came from, we welcome it as a valuable addition to our list of varieties."

OLD COLONY SWEET CORN.

This variety originated in Plymouth Co., Mass., and is a hybrid between the Southern white, and the common sweet corn of New England, combining the size of the ear and kernel, and productiveness of the Southern, with the sweetness and tenderness of the Northern parent. For cultivation in the Southern States, it has been found to be peculiarly adapted, as it not only possesses there the sweetness and excellence that distinguish the Sweet Corn of the temperate, and cooler sections, but does not deteriorate by long cultivation, as other sweet varieties almost invariably are found to do.—In packets containing about one ear,—10 cts.—per qt. 50 cts.

FELTON'S EXTRA EARLY TOMATO.

This is truly, as represented, an early variety; it originated on the grounds of Mr. Felton, who is well known in Philadelphia as one of our most successful market gardeners, and noted for his fine displays of vegetables at the exhibitions of the Pennsylvania Horticultural Society. We do not claim that it is thirty days earlier than any other variety, but will warrant it earlier than any other kind now known. The fruit is of medium size, bright red, quite firm, somewhat inclined to wrinkle, and with very few seeds. The plant is dwarf in its habit, and remarkably productive. This variety we consider of great value to the market gardener.—Per packet, 25 cts.



Laxton's Prolific Early Long Pod Pea.

(See description, page 29.)

SUPERIOR GARDEN PEAS.

New varieties—principally from England—of great merit.

CARTER'S FIRST CROP.—Described as the very earliest and best pea in cultivation. The plants are thickly and uniformly covered with well-filled pods, and one of its chief merits is that the ground can be cleared, and planted with another crop nearly a fortnight before other early peas are ready. Price,..... per qt., 80 cts.

CARACTACUS.—Originated with the late Mr. Waite, who also introduced the popular variety known as the Early Daniel O'Rourke. This variety is said to be much earlier, and more productive. .....Per bush., $14; per qt., 60 cts.

McLEAN'S LITTLE GEM.—A truly valuable dwarf variety; fully tested in this country last year; is a dwarf, prolific, green wrinkled marrow; habit similar to the early Tom Thumb. This valuable variety has all the sugary flavor of the late wrinkled peas coupled with a first early pea.....Per qt., $1.25.

LAXTON'S PROLIFIC EARLY LONG-POD. (See page 28.)
Messrs. Carter & Co., of London, thus describe this pea: "Some pods (in a green state) were exhibited by us at Mark Lane, averaging eleven and twelve peas in a pod. For a second early pea, and a pea for early sowing in autumn, there is no pea of a similar class in cultivation to equal it."...In sealed pint packets, each $1.00.

McLEAN'S ADVANCER.—A dwarf, blue, wrinkled marrow, of fine flavor, height 2 feet.....Per qt., 80 cts.

McLEAN'S EPICUREAN.—A second early wrinkled marrow of delicious flavor; fine large peas in well-filled pods, and plenty of them; height two feet.....Per qt., 80 cts.

TRENT'S EVERGREEN.—A tall, wrinkled variety; prolific, and of excellent flavor; highly recommended...Per ½ pt. packets, 50 cts.

DREW'S NEW DWARF.—This fine pea is remarkable for its dwarf and branching growth, forming a bush one foot high and one foot broad; consequently, only about one plant to each foot of row is required; it is a wrinkled variety; medium in earliness, and extremely productive.....Per qt., $1.00.

DIXON'S YORKSHIRE HERO.—A new wrinkled variety; 2½ feet high.....Per qt., 60 cts.

PRINCE OF WALES.—The most prolific, white, wrinkled pea in cultivation, producing pods from near the roots to the top; height 4 feet.....Per qt., 80 cts.

BECK'S GEM.—Second early dwarf..... " 50 "

CHAMPION OF SCOTLAND..... " 50 "

NEW VEGETABLES.

Worthy of special attention, as well as some of the older and approved sorts, omitted in the general list, or specially to be recommended.

ASPARAGUS.—GRAYSON'S GIANT.....Per oz., 20 cts.

BEAN.—DWARF HORTICULTURAL.....Per qt., 50 "

BEAN.—THE TRUE VALENTINE. This variety selected and grown with great care by myself. Can be recommended as the best snap-short dwarf variety.....Per qt., 60 cts.

BORECOLE, FISHER HOLMES.—Extra curled...Per packet, 10 cts.

BROCOLI, OSBORNE'S NEW WHITE WINTER... " " 25 "

" SNOW'S WHITE WINTER.—Fine..... " " 25 "

" LATE NONPAREIL..... " " 25 "

CABBAGE, LITTLE PIXIE.—Very early and dwarf " " 10 cts.

" COBBETT'S EARLY.—Recommended " " 10 cts.

" HEAL'S IMPERIAL.—Large and solid " " 10 cts.

" LATE ST. JOHN'S DAY.—A fine solid heading drum-head variety.....Per oz., 30 cts.

CAULIFLOWER, LARGE EARLY ERFURT.—Of dwarf growth, head large, close, and compact, one of the best for cultivation in this country.....Per packet, 25 cts.

CAULIFLOWER, LE NORMAND.—A very superior and certain variety, and a great favorite with gardeners. Per packet, 25 cts.

CELERY, TURNER'S INCOMPARABLE DWARF WHITE.—One of the hardiest and best, of a fine nutty flavor. Per packet, 25 cts.

CELERY, DIXON'S NEW MAMMOTH WHITE.— " " 25 cts.

CUCUMBER, COOLING'S PROLIFIC.—Most abundant cropper, often producing from three to six fine fruit at a joint; length 18 to 24 inches.....Per packet, 50 cts.

CUCUMBER, PIERSON'S LONG GUN.—The finest flavored variety grown; length 24 inches.....Per packet, 50 cts.

LETTUCE, NEAPOLITAN.—Large solid heads...Per packet, 25 cts.

LETTUCE.—MONITOR. Very solid large heads, a first-rate variety.....Per packet, 25 cts.

LETTUCE, FELTEN'S INDIA HEAD.— An improvement on the old variety, very large and solid.....Per packet, 10 cts., per oz. 50 cts.

LETTUCE, PERPIGAN.—From Germany, grown for several seasons by our Market Gardeners; large solid heads; stands the heat well. A good summer salad.....Per packet, 10 cts., per oz. 50 cts.

LETTUCE —EARLY BOSTON CURLED. A quite hardy variety; the elegant frilling of leaves and fine form make it very attractive. (See illustration page 13.).....Per packet, 10 cts., per oz. 40 cts.

LETTUCE.—BRUCE'S NONPAREIL CABBAGE. A very hardy solid heading, variety of fine quality....Per packet, 10 cts., per oz. 50 cts.

MARTYNIA.—The young seed pods are used as a pickle, and much esteemed.....Per packet, 10 cts.

MUSK MELON, PINE APPLE.—Exquisite flavor, medium size. A desirable variety.....Per packet, 10 cts., per oz. 20 cts.

MUSK MELON, TURK'S CAP.—A new variety of exquisite flavor. .....Per packet, 10 cts., per oz. 20 cts.

MUSK MELON, ALLEN'S SUPERB —A new variety of the nutmeg; flesh green and sweet.....Per packet, 10 cts., per oz. 30 cts.

MANGO MELON.—A variety of the musk melon used when green for pickling; stuffed and prepared similarly to the large Bell Pepper.....Per packet, 10 cts., per oz. 20 cts.

ICE CREAM WATER MELON, (true white seeded), of large size, sweet, and excellent flavor.....Per packet, 10 cts., per oz. 20 cts.

PARSNIP.—"THE STUDENT." A very superior new variety of fine form and excellent flavor.....Per lb., $1.25, per oz. 15 cts.

RADISH, EARLY SCARLET, AND WHITE OLIVE-SHAPED, are very early and beautiful varieties, suitable for growing in hot-beds.....Per oz. 15 cts.

RADISH, SCARLET, OLIVE-SHAPED. *White Tail.*—New and beautiful.....Per oz. 20 cts.

RADISH.—CONVENT GARDEN, LONG SCARLET, SHORT TOP. Early, beautiful form and brilliant color.....Per oz. 15 cts.

RADISH.—HALF LONG, DEEP SCARLET..... " 15 "

RADISH, SCARLET CHINA, WINTER.—A valuable Winter Radish, very tender and sweet.....Per packet, 10 cts., per oz. 25 cts.

RADISH, WHITE CHINA, WINTER.—Similar to the above, except in color.....Per packet, 10 cts., per oz. 25 cts.

RAPHANUS CAUDATUS.—New, the pods are used as pickles, also as a salad, and in stews.....Per packet, 50 cts.

SQUASH, TURBAN.—The best variety for fall use.. " 10 "

TOMATO, THE COOK'S FAVORITE.—Introduced by us, one of the best; of medium size, smooth and solid, color brilliant scarlet. .....Per packet, 10 cts., per oz. 50 cts.

TOMATO, YELLOW PLUM.—For preserving.....Per packet, 10 cts.

TOMATO, KEYES' EARLY PROLIFIC..... " 10 "

TOMATO —FOARD'S LARGE, SOLID..... " 25 "

TOMATO.—MAUPAY'S SUPERIOR..... " 25 "

TURNIP, TELTOW, OR MARROW.—A small yellow variety of delicate flavor .....Per oz. 20 cts.

TURNIP.—CARTER'S IMPROVED PURPLE-TOP RUTA-BAGA, or SWEEDE.....Per lb., $1.00, per oz. 10 cts.

FARMER'S AND GARDENER'S LIST

of the leading varieties with prices by the quantity, not sold at these prices in less quantities than one quarter pound, or one-half bushel.

ASPARAGUS, Giant	per lb.	$0 50
" Roots, 2 years old	" 1000.	8 00
BEANS, Early Mohawk	per bus.	12 00
" Yellow six week	"	10 00
" Refugee	"	10 00
" Valentine	"	14 00
" Lima	"	13 00
BEET, Simon's Extra Early Red Turnip	per lb.	1 25
" Extra Early Bassano	"	1 00
" Extra dark blood Turnip	"	1 00
" Half-long Blood	"	1 00
" Sugar, White Silesian	"	75
" Mangel Wurtzel, Red	"	75
" " " yellow globe	"	75
CABBAGE, Large Early York	"	3 00
" Oxheart	"	3 50
" Winnigstadt	"	5 00
" Savoy, Drumhead and Curled	"	3 00
" Late Drumhead, *extra*	"	5 00
" Drumhead (Imported,)	"	2 00
" Flat Dutch, *extra*	"	5 00
CARROT, Scarlet Horn	"	1 50
" Early Short Horn	"	2 00
" Long Orange	"	1 50
" Altringham	"	1 25
" White Belgian	"	1 25
CRESS, Curled	"	1 00
CUCUMBER, Early Frame	"	2 00
" White spined	"	2 00
" Long green	"	2 50
CELERY, Dreer's White Solid	"	4 00
" Turnip rooted	"	4 00
CORN SALAD, large	"	1 50
CORN, Adams' Extra Early	per bus.	6 00
" Early Sugar	"	6 00
" Stowell's Evergreen	"	6 00
ENDIVE, Green curled	per lb.	3 50
KALE, Green curled	"	1 00
" Dwarf German	"	1 50
KOHL-RABI, Green, and Purple top	"	3 50
LEEK, Large flag	"	3 00
LETTUCE, Early Curled	"	3 50
" Early Cabbage	"	5 00
" Curled India	"	6 00

MELON, Nutmeg, extra fine, early	per lb.	$2 00
" Netted Citron	"	1 00
" Jenny Lind	"	1 00
" Pine Apple	"	1 00
" Turks-cap, extra	"	2 00
" Large Persian	"	2 00
" Mountain Sweet Water	"	1 00
ONION, Large Red	"	2 60
" Yellow	"	3 00
" White	"	4 00
" Yellow sets per qt. 25 cts.	per bus.	5 00
" White " " 40 cts.	"	8 00
PARSNIP, Large Sugar,	per lb.	1 00
" Student, new	"	1 25
PARSLEY, Double Curled.	"	1 00
" Extra Curled	"	1 50
PEAS, Extra Early	per bus.	12 00
" Dreer's Extra Early	"	14 00
" Dan'l O'Rourke	"	8 00
" Tom Thumb	"	18 00
" Blue Imperial	"	7 00
" Champion of England	"	8 00
" Eugenie	"	10 00
" White Marrowfat	"	5 00
" Black eye Marrowfat	"	5 00
PUMPKIN, Cheese	per lb.	00
" Field	per qt.	00
RADISH, Long Scarlet	per lb.	1 25
" Red and White Turnip	"	1 50
" Yellow Summer	"	1 25
" Black Spanish	"	1 25
SALSAFY, Oyster Plant	"	3 00
SQUASH, Early Bush	"	1 25
" Hubbard	"	3 00
TURNIP, White flat Dutch	"	75
" Purple top	"	75
" Golden ball	"	1 00
" Yellow Aberdeen	"	1 00
" Purple top Ruta Baga	"	75

HERB SEEDS.

Balm, Bazil, Lavender, Sweet Marjoram, Sage, Summer Savory, Thyme, each	per oz.	50
White Dutch Clover	per lb.	1 00
Lucerne	"	75
Extra clean Blue Grass	"	75
Orchard Grass	per bus.	3 00
Herd or Red top	"	3 00
Perennial Rye Grass	"	5 00

Clover, Timothy, and other Grass Seeds at Market Rates.

GOODRICH'S SEEDLING POTATOES.

These highly valuable new seedling potatoes, were raised by the late Rev. Chauncey E. Goodrich, Chaplain of the New York State Lunatic Asylum, at Utica, N. Y. He spent 15 years in experimenting upon the production of new varieties, and raised over *sixteen thousand seedlings*, of which he esteemed the Harrison and the Early Goodrich (which are twin brothers, and seedlings from the Cuzco,) as the very best

THE HARRISON is a white winter variety of high quality and beauty, unequalled in productiveness by any known kind. Mr. Goodrich stated that he had raised at the rate of 600 bushels per acre, when only three years from the seed ball. Price $4 per bushel. $1.25 per peck.

THE EARLY GOODRICH is the very best and most productive very early potato known. It keeps equally well with the Harrison, and has repeatedly yielded over 350 bushels per acre. Price $3 00 per bushel. $1.00 per peck.

CUZCO, large, long, white skin and flesh, deep eyes. Matures about September 15th. Yield very largely, 300 to 400 bushels per acre.—Keeps well. Very profitable for market and stock. $2.50 per bushel.

I also offer the WHITE SPROUT, a white-skinned, and white-fleshed potato, very early and popular in the Philadelphia market.—It is largely grown in New Jersey, and highly esteemed there, as a profitable market variety. $2 50 per bushel.

CULTIVATION.

Select strong sod ground, (clover preferred) or a strong dry loam; manure well and plow and subsoil *late in the fall*—a sod ploughed in spring is not favorable to early potatoes.

In Spring again plow, subsoil, harrow, roll and mark out, 3 ft. each way, as for corn. Use only good sound tubers of *large* size and plant them *whole*, six inches deep, dropping a good handful of wood ashes, slaked lime, plaster and bone dust or superphosphates, with a little salt, on each potato. Tan bark and green sand marl are also good. By no means use fresh stable manure; it increases the crop but is apt to engender disease. Whole potatoes are to be preferred to cut ones. Mr. Goodrich says, "In the use of a single moderate sized uncut tuber for seed I have often grown 15 pounds to the hill."

Cultivate often, as shallow and flat as possible, and keep the ground entirely clear of weeds during the whole season. *Never hill up the crop;* it causes a large growth of small potatoes. Shallow planting has the same effect. Gather in dry weather and dry the potatoes well, *under cover*, before storing which should be done in a cool, airy, rather dark cellar or in pits in the open ground, or heavily banked up with earth.

☞ In storing use one pint of freshly slaked lime, in powder, per bushel of potatoes. It will effectually check any tendency to rot.

FLOWER GARDEN.

Although to the mere economist, flowers are not indispensable or directly remunerative, yet they have become so to the civilized, intelligent and intellectual community in which we live. The most humble cottager, unless deficient in the most simple conceptions of beauty, must have his flower-pot and one or more varieties of flowers. The enthusiastic amateur is no longer content to receive his floricultural novelties at second hand, but must have them direct from the great European centres of Horticulture. We have latterly endeavored to render this necessity of the amateur importing a few seeds or plants unnecessary, by constant attention to obtain every highly recommended novelty, and after testing it, to offer it with our opinion of its merits. We shall continue to do this, and shall endeavor to have, at the earliest day, every valuable acquisition in seeds, bulbs or plants.

Little pains are taken to have the soil of the flower-beds and borders in a friable and active state, not subject to bake. This is what renders it so difficult for small flower-seeds to survive germination, and for the delicate transplanted annuals to make a start. All that the flower-border or beds require, is a dry bottom, with an annual supply of prepared compost, made up of barn-yard manure, leaf-mould, or decayed leaves from the woods, and such other refuse as may appear suitable to enrich the heap. With different soils, special applications will be necessary, as stated under the head of Vegetable Garden. The hot-bed frame as there described, will serve for the purpose of the Flower Garden.—The only additional requisites are flower-pruning scissors, stakes for tying up plants, labels and flower-pots.

The Lawn, which adds so much to the neatness of the Garden, may be extensive or limited in size, but should always be well prepared and neatly kept. Much of the beauty of the lawn is also due to the variety of grass seed sown. The usual practice has been to employ a mixture of several species, which is prepared for sale. Our Lawn grass mixture consists of five varieties, viz.: Sweet Vernal, Green Grass, Blue Grass, Herd Grass and White Clover. From one and a half to two bushels is the quantity generally sown to the acre. Persons who prefer a different mixture, can have it made up to order.

The Flower-beds may be cut out in the lawn, and in these, bedding plants from the green-house planted, as soon as the weather becomes suitable; also, choice annuals sown. The following brief directions will be found reliable.

Directions for the Sowing and Management of Flower Seeds.

Provided the soil is in a proper state. flower seeds may be sown in the open border, in the months of April and May; the best criterion is the state of the soil. The seeds should be sown as soon as the soil becomes dry and friable, after the spring frosts have disappeared. Care should be taken not to sow in a crowded border, as light and air are indispensable. They may also be sown in prepared beds, to be transplanted to the garden. The former is the more simple method, but not always satisfactory, as, during the interval between the sowing of the seed and the period of blooming, the ground occupied is not attractive. The changes of climate, heavy rains and drying winds, with hot sun, render the surface of the soil unfit for the germination of small seed. As to the depth to which seeds should be covered, the best general rule is to cover fine and light seeds very lightly, just enough to protect them from the sun; and in extremely dry weather, a sprinkling of damp moss is very useful. Several varieties are so tender as to require special attention, such as the Calceolaria.

Many annuals are very desirable for the green house, when sown in August. Of these the most important are Sweet Alyssum, Candytuft, Mignonette, Lobelia, Schizanthus, German Stocks, Browallia and several others; these are for winter blooming. Many varieties, as well as the above, may be sown later, for blooming early in spring, such as Pansy, Ageratum, Antirrhinums, China Pink, Dianthus Heddewegii, Laciniatus and Sinensis, Acroclinium Roseum, Linum Grandiflorum, Mimulus, Myosotis, Petunias, Phlox Drummondii, Salpiglossis, Verbena, &c. For sowing in pots, or seed-pans, the following directions will be found suitable:

The best soil is a mixture of equal parts of sand, leaf-mould and loam, which should be thoroughly mixed; then fill your pots or boxes to within one-half inch of the rim; press the soil firmly and evenly in the pot, which can be done most conveniently with the bottom of an empty flower-pot; then sow your seed evenly over the surface, and, with the addition of a little more sand in the same soil, cover the seeds according to their size, say from one-eighth to one-quarter of an inch, then press the soil as before, even and firm, with the bottom of a flower-pot; water sparingly, enough to keep the soil moist, avoiding either extreme. As soon as the plants appear, they will require your careful attention, as the least over-watering may cause them to "damp off," and suddenly destroy all your hopes. They should now have as much sun as possible, and when the weather is pleasant, some air may be admitted. As soon as the plants are large enough to handle, pick them out of the seed-pot: in other words, transplant them into another pot, placing them about one inch apart; they must be shaded for a few days from the sun, until they are established. When large enough, they can be planted separately into small pots, and kept thus until the proper season for planting out in the garden.

BIENNIALS.—These do not usually bloom until the second season after sowing. They may be sown out of doors, at least those that are hardy, while a few very desirable ones had better be sown in pots. The following are among the most desirable: Wall-flower, Foxglove, Pinks, Sweet William, Antirrhinum, Hollyhock, Larkspur, Canterbury Bell and others.

CALCEOLARIA.—As this very desirable flower requires a little special care, the following method should be adopted. The seed should be sown in the latter part of August, or beginning of September, in pots prepared in the following manner: the pot to be half-filled with drainage, over that, the rough sifting of the mould, and the surface covered with soil as fine as possible, half of which should be composed of river sand. When prepared thus, it should be watered with a fine rose, immediately after which sow the seed carefully, without any covering of soil. The pots should then be placed under a close frame or hand-glass, in a shady part of the garden, no artificial heat being required. In large establishments, of course, there are propagating or other houses that will do, where the same kind of moist temperature could be obtained, but any exposure to the sun must be carefully guarded against by mats or paper. If the situation be of the proper temperature, they will require watering but very seldom. As soon as the seedlings are strong enough, they must be picked off in pots prepared as before, and placed in the same situation; from the store pots they will require to be potted off singly: after this the plants will grow very rapidly. Through the winter the plant will thrive well on the shelves near the glass, in the green-house; and, to obtain fine specimens, they must be shifted on freely till the flower-stalks have started, and should always be smoked with tobacco, as soon as the green-fly appears, as no plants in cultivation so readily suffer from this insect as the Calceolaria.

It is necessary to remark, that one of the most frequent causes of the appearance of these injurious insects, is the plant becoming *root-bound;* to avoid which evil, it is important that it should frequently be re-potted during the growing season.

CINERARIA are more hardy in their growth, and require somewhat less care than the above, but for them the same treatment will suit in sowing of seed, &c. If required to flower in the winter, seed should be sown in April and May, and in the following months for spring flowering.

CLIMBERS, for garden decoration should be sown in January, February, and March, the earlier the better, as the display for the after season will be in proportion to their early vigor for planting out; such as *Cobœa, Thunbergia, Maurandia, Lophospermum, Calampelis* (*Eccremocarpus,*) and *Tropæolum* of sorts.

CLEMATIS species amongst hardy shrubs, and PENSTEMON, amongst herbaceous plants, are prominent instances of seeds which remain long dormant, often a whole year, before they grow, hence the importance of sowing them as soon as ripe.

Another class often fail to germinate in consequence of the thickness or hardness of the outer skin or integument. We have had seeds of the *Erythrina* and *Canna* for months in the ground perfectly dormant, which upon being soaked in *hot water* for *one week* have germinated finely.

It should be borne in mind, that much of the disappointment that occurs in the sowing of Flower seeds, may be obviated by attention to the foregoing hints.

In the following list we have included all the really desirable novelties, as well as the standard varieties, which have been fully tested in this vicinity.

Flower Seeds by Mail.

Their portability renders them so easily and cheaply transported by mail, that no one with any pretensions to taste in Floriculture need be without a choice selection. For the accommodation of those who are unacquainted with the varieties, we have put up the following assortments of the most desirable free blooming and showy kinds, which will be promptly mailed (prepaid,) upon the receipt of a remittance.

☞ Correspondents will please write their names legibly, and in full, with post office, county and state.

No. 1. Twenty-five choice annuals, free bloomers, for.....$1.00
" 2. Twenty-five choice biennial and perennial varieties..... 1.00
" 3. Twelve very choice annual varieties..... 1.00
" 4. Twelve new and rare varieties..... 1.00
" 5. Twenty-five varieties for Green house culture..... 4.00
" 6. One hundred varieties annual, biennial and perennial, including many choice sorts, a fine selection..... 5.00

As an inducement to POSTMASTERS AND OTHERS forming Clubs, we will forward, post-paid, six One Dollar packages for a remittance of Five Dollars.

☞ *At these prices, invariably our own selection. The latest novelties are not included in these collections; but a liberal discount will be made from catalogue price when ordering a quantity.*

Novelties and Select List of Flower Seeds.

WORTHY OF SPECIAL ATTENTION.

The letters preceding the varieties denote:—*b.* biennial, or such as last two seasons; *p.* perennial, or such as exist from year to year; *t.* tender, which will not endure the frost; *t. p.* tender perennial, which require the protection of a green-house during the winter; *h. h.* half hardy, requiring some protection; *c.* climbers; a * denotes that although the variety may be biennial or perennial, it will bloom the first year, if sown early; the remainder are annuals, which arrive at perfection and die off the first year.

Per Pkt.

ABOBRA VIRIDIFLORA. A beautiful climber, with glossy, dark green foliage, small oval scarlet fruit..... 20

ABRONIA UMBELLATA. Trailing, clusters of sweet-scented, rosy lilac blossoms, resembling the Verbena..... 10

p. ACONITUM NAPELLUS. Monk's hood..... 10

ADONIS VERNALIS. (*Flos Adonis.*) Handsome foliage; flowers crimson. One foot high..... 5

AGERATUM. Valuable plants for large beds or borders, and very useful where cut flowers are in demand; in bloom the whole summer, and succeeding in any soil.

" CŒLESTINUM NANUM. Dwarf blue..... 10

" MEXICANUM. Blue. ALBIFLORUM. White. Each..... 5

ALONSOA WARSCEWICZII. Free flowering; bright crimson... 10

" GRANDIFLORA. Large flowering. Bright Scarlet..... 10

p. AGROSTEMMA CŒLI-ROSEA. (*Rose of Heaven.*) Pink... 5

ALYSSUM. Free flowering. Pretty little plants, for beds, edgings, or rock work; the annual varieties bloom all summer, also grown in pots for winter flowering.

" BENTHAMII. White. New, large, sweet Alyssum..... 10

" SWEET. White, very sweet; hardy annual..... 10

" WIERZBECKII. Yellow. Hardy perennial; blooms early. 10

ANAGALLIS. Dwarf, compact, flowering plants; admirably adapted for ornamental baskets, rock work, etc. The choicest varieties are, GRANDIFLORA EUGENIE, light blue. NAPOLEON III., carmine. Each..... 10

ANTIRRHINUM. (*Snap Dragon*) One of our most showy and useful border plants. The more recently improved varieties of this valuable genus are large, finely shaped flowers of the most brilliant colors, with beautifully marked throats; they succeed in any good garden soil and are very effective in beds. Hardy biennials, blooming the first year from seed; height from 1 to 2 feet.....

ANTIRRHINUM MAJUS, TOM THUMB. Very dwarf, not above 10 inches in height, of compact growth, with bright vermilion-colored flowers..... 20

" BRILLIANT. Bright scarlet with white throat..... 10

" HENRY IV. Dwarf, white, crimson and scarlet..... 10

" FIRE-FLY. Orange scarlet, white throat..... 10

" DELILA. Carmine, with white throat..... 10

" GALATHE. Crimson, white throat, large flowering..... 10

" PAPILIONACEUM. Deep blood scarlet, pure white throat, 10

" CHOICE MIXED SNAP DRAGON. Finest named varieties 10

" SNAP DRAGON. Mixed older varieties..... 5

p. AQUILEGIA, (*Columbine*) Fine double varieties, mixed..... 10
" " " single " " 10
ARGEMONE MEXICANA. Yellow poppy-like flowers; hardy... 5

ASTER. (*Queen Margaret.*) One of the most popular and effective of our garden favorites, producing in profusion flowers in which richness and variety of colors are combined with the most perfect and beautiful form: it is indispensable in every garden or pleasure ground where an autumnal display is desired. The French and German Florists have brought this flower to great perfection; we offer all the most choice varieties imported from one of the largest growers in Prussia. All the varieties delight in a rich light soil, and in hot dry weather should be mulched with rotted manure, and well watered.

ASTER. DWARF BOUQUET. A perfect bouquet of flowers... 10
" GLOBE-FLOWERED PYRAMIDAL. Choice mixed colors.. 10
" COCARDEAU or CROWN. White centres bordered with rich colors..... 10
" NEW VICTORIA. Various colors, flowers as large as the Emperor Aster, habit pyramidal..... 20
" NEW ROSE. Intermediate between the IMBRIQUE and PÆONIA ASTERS; robust, with large brilliant flowers. 20
" NEW EMPEROR. Flowers of great size, very double, and fine form and colors..... 20
" PÆONY PERFECTION. Very double, large, and finely shaped, brilliant colors..... 10
" PÆONIA-FLORA. Choice mixed colors..... 10
" HEDGEHOG or NEEDLE. A singularly quilled variety of neat habit..... 10
" NEW DWARF GLORE FLOWERED IMBRIQUE POMPONE. Extremely pretty, not above twelve inches in height, forming a compact bush, densely set with beautiful, almost globular flowers. All the varieties are very fine brilliant colors..... 20
" NEW LARGE FLOWERED ROBUST DWARF. A valuable improvement on the old dwarf Asters, of robust habit, with handsome foliage, and large beautiful imbricated flowers. In addition, all the varieties are very brilliant in colors, lasting double the time in flower..... 20
" Choice mixed varieties..... 10
" German quilled, beautiful colors, mixed..... 10
" German mixed colors..... 5

BALSAM, (*Lady Slipper*) An old and favorite garden flower, producing its gorgeous masses of beautiful brilliant colored flowers in the greatest profusion; of easy cultivation; succeeds in any good garden soil.

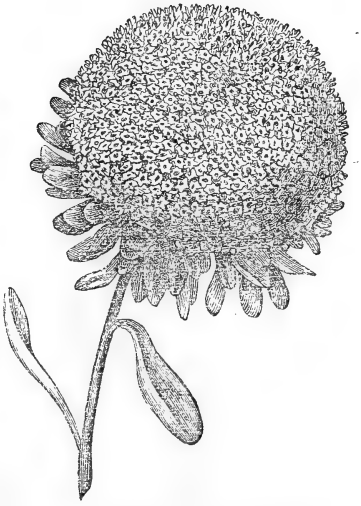
" CAMELLIA-FLOWERED. Very double, and fine colors, mixed, one to two feet high..... 10
" NEW ROSE-FLOWERED. Superb double flowers..... 10
" Mixed Balsams, or Lady Slipper..... 5
Balloon Vine (*Cardiospermum.*) Rapid growing climber..... 5
Bartonia Aurea. Golden-flowered..... 5

½ natural size.

1/10 natural size

DWARF BOUQUET ASTERS.

PÆONIA ASTER.
1/10 natural size.



QUILLED ASTERS.
½ natural size

BIDENS ATROSANGUINEA. Dark red: beautiful..... 10

BRACHYCOME IBERIDIFOLIA. (*Swan River Daisy.*) Free flowering dwarf-growing plant, covered during the greater part of the summer with a profusion of pretty Cineraria-like flowers of a light blue color..... 5

" ALBIFLORA. A white variety of the above..... 5

BROWALLIA. Very handsome profuse blooming plants, covered with rich strikingly beautiful flowers during the summer and autumn months; blooms finely in the winter, if sown in August.

" ELATA CŒRULEA. Sky blue. ALBA. Pure white. 10

" GRANDIFLORA. Large sky blue..... 10

BRYONOPSIS ERYTHROCARPA. Splendid climber, with beautiful scarlet fruit, marbled white..... 25

CACALIA, (*Tassel Flower*) A neat annual of easy culture, with tassel-shaped flowers, blooms from July to September; 1½ feet.

" AUREA. Golden yellow..... 5

" COCCINNEA. Orange scarlet..... 5

Calandrina elegans; grandiflora, each..... 5

CALENDULA PONGEI, FL. PL. Double white, hybrid marigold. 10

CALLIRHOE PEDATA, (*Nuttalia*) Rich violet or purple crimson, close petaled flowers, with white centre..... 10

" VERTICILLATA. An extremely floriferous creeper, flowers of the same color, but double the size of *C. pedata*..... 20

" PEDATA NANA. A superb dwarf variety..... 10

CALLIOPSIS, or COREOPSIS. Showy, free-flowering and beautiful hardy annuals: the tall varieties are very effective in mixed borders, while the dwarf kinds, from their close, compact habit of growth, make fine bedding plants: of easy cultivation.

" ATKINSONII. Yellow and crimson; 3 feet..... 5

" BICOLOR, (*Tinctoria*) Yellow, crimson centre; 3 feet..... 5

" CARDAMINÆFOLIA HYBRIDA. Brilliant yellow; growth pyramidal; compact and free flowering; 1½ feet..... 10

" DRUMMONDII. Large yellow flowers; 1 foot..... 5

" MARMORATA. Crimson brown, marbled with yellow; 2 feet. 5

" NIGRA SPECIOSA. Rich velvety crimson: 2 feet..... 10

CALCEOLARIA, See list of greenhouse seeds.

CAMPANULA PYRAMIDALIS. Blue, beautiful and stately perennial..... 10

" SPECULUM, (*Venus' looking glass*) Rich blue..... 5

" ATTICA. Dwarf, light blue, large flowers..... 10

CANARY BIRD FLOWER. (*Tropæolum Peregrinum.*) With yellow canary-like flowers; an ornamental climber. 10

CANDYTUFT, (*Iberis*) Beautiful and effective hardy annuals, for growing in beds, or masses; the white varieties are much grown by florists for bouquets.

" ROCKET. White. UMBELLATA. Purple. Each..... 5

" CRIMSON. Dark red. CROWN FLOWERED. White..... 5

p **CANTERBURY BELL.** (*Campanula Media*) When well grown, are among the most attractive of border plants; they succeed in light rich soil, planted about 2 feet apart. Hardy.

" SINGLE BLUE. SINGLE WHITE. Each..... 5
" DOUBLE BLUE. DOUBLE WHITE. Each..... 10

CARNATION. (*Dianthus Caryophyllus.*) The Carnation Pinks are general favorites for their delicious fragrance and richness of colors. The seed we offer has been imported from the best sources, in Europe, and will produce splendid double flowers.

" FINEST GERMAN, (imported,) in packages of 50 seeds..... 50
" " FRENCH, " " " 50
" REMONTANT, or PERPETUAL, " " 50
" FINE DOUBLE, mixed..... 25

CATCHFLY. (*Silene Armeria*) Hardy, free blooming annuals.

" LOBEL'S RED. LOBEL'S WHITE. Mixed..... 5
" PSEUDO-ATOCION. Rosy pink with white centre..... 10

CELOSIA SPICATA ROSEA. Feathery spikes of bright rose flowers..... 10
" PYRAMIDALIS AUREA. Golden spikes..... 10

CENTAUREA AMERICANA. Lilac purple, large and showy..... 5

CENTRANTHUS MACROSIPHON. Pretty, compact growing plant, with long-tubed red flowers, grows freely..... 5
" ALBUS. White..... 5

CHRYSANTHEMUM. Showy and effective summer flowering border plants, quite distinct from *C Indica*, the *hardy perennial* autumn flowering varieties. The varieties are:

" BURRIDGEANUM. Crimson. ALBUM. Double white Each. 5
" TRICOLOR. Yellow and white. GOLDEN YELLOW. " 5
" VENUSTUM. White, with crimson centre, extra fine..... 10
" CORONARIUM. Dwarf, yellow..... 10

CHLORA GRANDIFLORA. Beautiful gentianeæ, about 15 inches high, with handsome glossy leaves, large golden yellow flowers, grows vigorously in the open borders..... 25

CINERARIA. See list of greenhouse seeds.

CLARKIA. An old and favorite hardy annual, growing and producing freely; is a cheerful-looking flower. A native of the Rocky mountains.

" ELEGANS. Rosy purple. PULCHELLA. Deep rose. Each. 5
" PULCHERRIMA. Deep Magenta. DOUBLE. Each..... 10

p. CLEMATIS FLAMMULA. Hardy climber, flowers white and fragrant..... 10

CLEOME GRANDIFLORA. Spider Plant. Rose-colored flowers. 5

CLINTONIA ELEGANS. Pale blue, pretty dwarf plant..... 5
" PULCHELLA. Bright blue, yellow centre..... 10

COBŒA SCANDENS. Rapid climber, large bell-shaped blue flowers. In sowing, place the seeds edgewise and cover with light soil. Comes up best in a hot-bed..... 20

COCKSCOMB. (*Celosia Cristata.*) Ornamental, curious-looking flowers; well known favorites.

" DWARF CRIMSON. Large, velvet-like combs, (extra)..... 10
" YELLOW, CRIMSON, and mixed; each..... 5

COCCINIA INDICA. Splendid climber, with beautiful smooth, glossy, pentagonal leaves, about 4 inches long by 3 inches broad, contrasting beautifully with the fine, snow-white, bell-shaped flower, fruit brilliant carmine, growth vigorous, habit handsome..... 25

COLLINSIA BICOLOR. Purple and white, free blooming, pretty. 5

" MARMORATA. Lilac and white, marbled..... 10

COMMELINA CŒLESTIS. A tuberous-rooted plant, with rich blue flowers, free blooming and very pretty..... 10

CONVOLVULUS MAJOR, (*Morning Glory.*) One of the handsomest annuals in cultivation; the beauty and delicacy of their colors are unsurpassed. A rapid climber. Fine mixed varieties..... 5

" Large Blue..... 5

" Burridgii rosy crimson, with white centre..... 5

CONVOLVULUS MINOR, or Tricolor, free flowering; dwarf, showy plants, producing, in beds and mixed borders, an unusually brilliant effect.

" SPLENDENS. Violet, with white centre..... 10

" WHITE, STRIPED, AND BLUE, each..... 5

" (Tricolor,) fl. pl. double..... 10

" AUREUS SUPERBUS. New, golden yellow flowers..... 25

" CANTABRICUS, rosy purple, beautiful trailer, for hanging baskets, or for bedding plant..... 20

" MAURITANICUS, beautiful for hanging baskets and vases... 25

CREPIS BARBATUS. Golden Hawkweed..... 5

CYPRESS VINE, (*Ipomœa quamoclit*) A very beautiful climber, with delicate fern-like foliage, and masses of bright crimson flowers. Plant about the 10th of May..... 5

" WHITE. A pure white variety of the above, *true*..... 10

CYANUS, (*Blue Bottle.*) Mixed..... 5

p. DAISY, (*Bellis perennis.*) Finest double imported..... 20

*t. p.** DAHLIA. Saved from fine double varieties..... 20

DATURA. An ornamental class of plants, very showy. In large clumps and borders of shrubbery they produce an excellent effect, the following are the most desirable.

" ATROVIOLACEA PLENISSIMA, from Cochin China, 4½ feet high, flowers dark violet..... 25

" FASTUOSA HUBERIANA. Superb variety, 5 feet in height, with large double lilac flowers, inner parts almost pure white, valuable annual for groups..... 25

" HUMULIS. A rare and ornamental plant, with large, conspicuous, double-drooping flowers, trumpet-shaped, of a rich Nankeen yellow; delightfully fragrant..... 20

" WRIGHTII, (*Meteloides.*) White, bordered with blue..... 10

DELPHINIUM FORMOSUM. Splendid hardy perennial Larkspur, brilliant blue flowers; flowers the first year, if planted early..... 10

" MONS. MEUNER. Fine large blue..... 25

" CHINENSE PUMILUM. Azure blue, dwarf, free-flowering. 10

DIANTHUS. (*Pinks*) A magnificent genus, embracing some of the most popular flowers in cultivation, of great variety of color and profusion of bloom. Hardy biennials, blooming the first season from seed.

" CHINENSIS, (*China or Indian Pink*) Superb double varieties. 10

" CHINENSIS CORONATUS. A beautiful hybrid, large flowers of fine form and great substance, pure white, with broad stripes of various shades of brilliant purplish crimson 25

" IMPERIALIS. Very fine, double..... 10

" FLORA PLENA ALBA. Double white, Indian pink..... 10

" NANUS, VAR. ATRO-SANGUINEUS PL. A fine acquisition; the plant is five inches high, flowers globular and profuse; color, dark blood-red..... 10

" HEDDEWIGI. (*New Japan Pink*) Colors vary from the richest velvety crimson, to the most delicate rose; flowers from 2 to 4 inches in diameter, very showy..... 10

" HEDDEWIGI, FL. PL. A fine double variety of the original type, beautiful colors..... 20

" LACINIATUS. Remarkably large blossoms of superb colors, with fringed edges..... 10

" LACINIATUS, FL. PL. A double variety..... 20

" ATRO-PURPUREUS, FL. PL. Double blood-red hybrid. 10

" ATRO-COCCINEUS. A brilliant scarlet, very showy variety. 20

h. b. DIGITALIS. (*Foxglove*) Handsome and highly ornamental plant, of stately growth and varied colors. The varieties are PURPLE, WHITE, YELLOW, and MIXED..... 5

ECCREMOCARPUS SCABER. Rapid growth, orange flowers, a beautiful climber..... 10

ECHIUM CRETICUM. Most beautiful, with brilliant scarlet flowers; remarkably effective bedding plant..... 25

EGG PLANT, SCARLET CHINESE. Very ornamental..... 10

ERYSIMUM PEROFFSKIANUM. From Palestine, orange flowers 5

ERYTHRAEA RAMOSISSIMA. Fine rose-flowered Gentianeæ, forming dwarf compact bushes, suitable for edges and dwarf beds..... 25

ESCHSCHOLTZIA. (*California Poppy*) A profuse flowering and attractive hardy annual for beds or masses.

" CALIFORNICA, yellow CROCEA, orange, ALBA white, each 5

EUTOCA ORTGIESIANA. A new species, nearly creeping in its habit, introduced from Mexico, flowers, light and dark lilac. 10

GAILLARDIA. Splendid bedding plants, remarkable for the profusion and brilliancy of their flowers, continuing in beauty during summer and autumn.

" ALBA MARGINATA. White edged. ARISTATA. Yellow. 5

" PICTA. Red and orange. MIXED. Each..... 5

" RICHARDSONII. Orange, with brown centre..... 5

GAURA LINDHEIMERA. Spikes of white and red tinted blossoms, free-flowering, hardy perennial..... 10

GILIA. Very pretty dwarf plants, early and free bloomers, valuable for massing.

" ALBA. Pure white. CAPITATA MAJOR. Sky blue.

" TRICOLOR. White, lilac, and purple, each..... 5

GLADIOLUS, FINE HYBRID. Saved from first class varieties; special directions furnished for their cultivation..... 25
GODETIA, THE BRIDE. Pure white, with crimson belt. 10
" ROSEA-ALBA, TOM THUMB. Flower pure white, with a brilliant rose blotch at the base of each petal..... 10
" RUBICUNDA SPLENDENS..... 10
c. GOURD, ORNAMENTAL, (*Cucurbita*) A most interesting genus, with striking foliage and most singular fruit.
" BOTTLE OR CALABASH..... 5
" CLUB-SHAPED. 4 to 5 feet long..... 5
" EGG-SHAPED. MOCK ORANGE..... 5
" POWDER HORN..... 10
" SMALL GOOSEBERRY..... 10
GYPSOPHILLA MURALIS. Pink, suitable for hanging baskets. 10
" PANICULATA. A hardy perennial; flowers are beautiful for bouquets, imparting a light airy appearance..... 10
" SAXIFRAGA. A lovely miniature species, with delicate branches covered with white flowers, for edgings and dwarf beds; very pretty..... 20
HEARTSEASE. See Pansy.
HELIANTHUS. (*Sun Flower*) CALIFORNIAN. Fine double yellow 5
" NANA. Dwarf Sun Flower..... 5
HIBISCUS AFRICANUS. Cream Color, rich brown centre..... 5
" PALUSTRUS. Large pink flowers, a hardy perennial 5
HOLLYHOCK. (*Althæa Rosea*) This splendid plant, vies with the Dahlia for summer decorations, and from its stately growth and the varied colors of its magnificent spikes of flowers, may justly claim a place in every large garden or pleasure ground: a hardy perennial.
" SUPERB ENGLISH VARIETIES, mixed..... 10
" " " assortments of twelve beautiful colors, each separate.....1 00
c. p. HONEYSUCKLE, Chinese, evergreen..... 10
c. HYACINTH BEAN, (*Dolichos*) rapid growing, free-flowering climbers for covering arbors, trellises, etc., with lilac-blue flowers, and seed pods of a deep purple maroon color..... 5
" ALBA. A white variety of the above..... 5
IBERIS LINIFOLIA. A fine autumn-flowered annual species, with delicate rose-colored umbels..... 20
ICE PLANT. (*See Mesembryanthemum.*)
IPOMŒA. (Morning Glory,) of rapid growth and beautiful flowers. For covering old walls, trellises, arbors, or stumps of trees, they are invaluable.
" COCCINNEA. Scarlet, sold as the *Star "Ipomœa."*..... 5
" LIMBATA. Violet, margined with white, fine..... 10
" STRIATA NOVA. Beautiful striped, three-colored..... 10
" RUBRA CŒRULEA. Sky blue, large..... 20
IPOMOPSIS ELEGANS. Produces long spikes of scarlet flowers, a half-hardy biennial..... 10
" ROSEA, CUPREATA, JAUNE CANARIE. Three new varieties of this favorite ornamental plant..... 20
KAULFUSSIA ROSEA. Rose with mauve centre, dwarf..... 5

LANTANA. A remarkably handsome free-flowering genus of plants, with brilliantly colored flowers, very effective either for pot culture or for bedding purposes. Seed saved from all the finest named varieties, tender perennial..... 25

LARKSPUR, (*Delphinium.*) Plants possessing almost every requisite for the adornment of the garden or parterre. Profuse bloomers. They all succeed best, if sown in the autumn, or very early in the spring.

" DWARF ROCKET, GERMAN. Finest mixed, double..... 5
" HYACINTH-FLOWERED. Extra double, finest mixed variety..... 5
" BRANCHING, or STOCK-FLOWERED. Double, finest mixed, great variety of colors..... 5
" TRI-COLOR. Three-colored branching..... 10

c. LATHYRUS LATIFOLIUS. Everlasting Pea, showy, free-flowering, hardy perennial plant, growing in any common soil, very ornamental on trellis work, old stumps, or for covering fences or walls..... 5

LEPTOSIPHON HYBRIDUS. New miniature variety of various shades and colors..... 10

p. LILIUM GIGANTEUM. A noble plant of stately growth, with dark green heart-shaped leaves, and large trumpet-shaped white, flower..... 25

p " TENUIFOLIUM. new and pretty..... 25

LIMNANTHES DOUGLASSII. Rosea, rose-colored..... 10

LINARIA CYMBALLARIA, KENILWORTH IVY, suitable for hanging baskets..... 10

LINUM GRANDIFLORUM COCCINEUM. (Superb scarlet flax,) one of the most effective and showy annuals we have..... 10
" LEWISII, blue, with white stripes..... 10

c. LOASA LATERITIA. With curious orange-red flowers..... 10

LOBELA ERINUS SPECIOSA. Compact growth, fine for vases. This variety blooms during the entire summer in the open borders; flowers of a superb ultramarine blue..... 10
" ERINUS COMPACTA ALBA. Fine, pure white..... 10
" " " Dark blue..... 10
" " PAXTONIANA. Compact growth, fine..... 10
" RAMOSA. Purple blue, with white eye..... 10

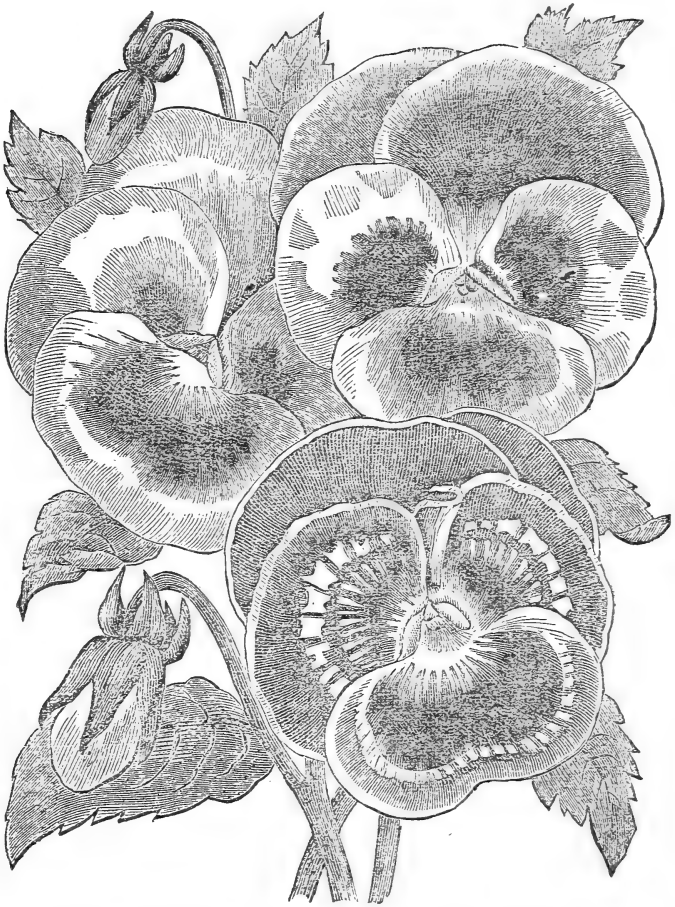
c. LOPHOSPERMUM SCANDENS. Ornamental climber, with showy, fox-glove-like flowers, of a bright rose-color..... 20
" HENDERSONII. Similar to the above, with darker flowers. 20

LOTUS JACOBÆUS. Dark brown flowers, fine for pot culture. 10

LUPINUS HARTWEGII CŒLESTINUS. Light blue, shaded with rose..... 10
" VENUSTUS TRI-COLOR. A very pretty new Lupin, with handsome deep green foliage, flowers purple, white and blue, height two feet..... 20
" DUNNETTI ATROVIOLACEUS. Flowers dark violet..... 20
" ALBA COCCINEUS. White and red, beautiful..... 20
" CRUIKSHANKII. Variegated..... 5

LUPINUS CHOICE MIXED ANNUAL VARIETIES..... 5
" " " PERENNIAL " 10
LYCHNIS HYBRIDA HAAGEANA. Very beautiful, large brilliant orange-scarlet, and light and dark crimson, white-flaked flowers, dwarf and free-flowering..... 20
p. " CHALCEDONICA. Scarlet perennial..... 5
p. " " ALBA. White. ROSEA. Rose..... 5
MARIGOLD, (*Tagetes*) Large African, yellow and orange... 5
" DWARF FRENCH. Fine rich colors, very double..... 5
" PIGMY DWARF. Very dwarf. Miniature variety..... 5
" RANUNCULUS, (*Calendula*) English Marigold..... 5
MARTYNIA FRAGRANS. Large fragrant flowers..... 5
MARVEL OF PERU. (*Mirabilis*) A well-known and favorite flower, commonly known as the *Four O'clock*, fine mixed varieties and colors..... 5
MAURANDIA, species. A beautiful tribe of slender-growing rapid climbers, blooming profusely until quite late in the autumn. The varieties are,—
" ALBIFLORA. Pure white..... 20
" BARCLAYANA. Purple, free bloomer..... 10
" ROSEA. Dark rose..... 10
MELOTHRIA PENDULA. Pretty hardy climber, with handsome foliage, and small fruit, black on coming to maturity, fine for trellises..... 20
MESEMBRYANTHEMUM CRYSTALLINUM. Ice plant..... 10
" TRICOLOR. Rose pink, with purple centre..... 10
" GLABRUM. (*Dew Plant*) light yellow..... 10
MIGNONETTE, (*Reseda Odorata*) A well-known favorite. 5
" NEW LARGE-FLOWERED. Best for pot culture..... 10
MIMULUS, OR MONKEY-FLOWER. Showy flowers, suitable for the green-house or moist shady situations in the garden.
" MOSCHATUS. Musk Plant; fine in hanging-baskets..... 10
" QUINQUEVULNERUS, MAXIMUS. Very large and finely spotted varieties, showy and effective..... 20
" HYBRIDUS TIGRINUS. A really charming and valuable acquisition, beautifully tigered or spotted as the Tigered Calceolarias, and Tydeas..... 25
MUKIA SCABRELLA. Pretty climber, with lobed heart-shaped leaves, small scarlet berries, hardy..... 25
MYOSOTIS, OR FORGET-ME-NOT. Neat and beautiful little plants; succeeds best in a shady situation. The varieties are,—ALPESTRIS, Alpine; AZORICA, Azorean; PALUSTRIS, true, forget-me-not; ALPESTRIS, ALBA, white, each... 10
NASTURTIUM, (*Tropæolum*) The varieties are all desirable, either for the flower border, for pots, or green-house culture. The following are the most choice:
" TOM THUMB. Very dwarf, scarlet and yellow, each..... 10
" " " PEARL, cream color..... 10
" " " BEAUTY, orange-spotted..... 10
" **KING OF THE TOM THUMBS.** Bluish green in foliage, intense scarlet flowers, the best variety in habit, and the brightest in color..... 10

NASTURTIUM, KING THEODORE. Selected from King of Tom Thumb, having the same bluish-green foliage, with intense black flowers..... 10
" CARTER'S CRYSTAL PALACE GEM. Dwarf, sulphur-col. flowers, dark red spot near the base of each petal..... 10
" LARGE DARK CRIMSON. Very showy..... 5
" CATTELL'S DWARF CRIMSON, and SCARLET, each..... 5
NEMOPHILA, (*Grove Love.*) Of neat compact uniform habit of growth, comprising varied and beautiful colors, bloom freely all summer. The varieties are,—INSIGNIS, blue: MACULATA, white with lilac vein, each..... 5
" MARGINATA. Azure blue, edged with white..... 10
NIGELLA DAMASCENA, (Love in a Mist.) Blue flowers,.. 5
" " NANA. A dwarf variety. " 5
p. ŒNOTHERA GRANDIFLORA. Evening primrose, yellow,..... 5
" ROSEA, a new dwarf rose-flowering annual,..... 10
" BISTORTA VEITCHIANA. Neat dark yellow,..... 10
" DRUMMONDII NANA. A golden yellow blossom,..... 10
OXALIS ROSEA. Dwarf, with clusters of rose-colored blossoms 10
" FLORIBUNDA ROSEA. New, very fine free-flowering..... 10
PALAFOXIA TEXANA. Pretty fragrant, brown and red flowers, 5
PHACELIA CONGESTA. Pretty blue annual..... 5
PHLOX DRUMMONDII. An indispensable plant for bedding, quite as desirable as Verbena. The following are choice.
" ALBA. Pure white..... 10
" OCCULTA. White, with dark eye..... 10
" LOUIS NAPOLEON. Brilliant scarlet..... 10
" LEOPOLDIANA. Pink..... 10
" RADOWITZI. Dark rose, striped with white..... 10
" MARMORATA. Marbled..... 10
" COCCINNEA. Scarlet..... 10
" QUEEN VICTORIA. Violet with white eye..... 10
" EMPRESS EUGENIE. Rose..... 10
" VIOLACEA. Violet..... 10
" ISABEL. Light yellow..... 20
" CHOICE MIXED. Finest varieties..... 10
" GOOD MIXED. Old varieties..... 5
" PERENNIAL VARIETIES. Mixed..... 20
PINKS. (*Dianthus*) EXTRA DOUBLE CHINA. Picturesque colors, fine, hardy biennial.. 10
" Fine Garden. Double and fine perennial..... 10
" PICOTEE. Finest selected English perennial..... 25
" PHEASANT'S EYE. (*Dianthus Plumarius*) Perennial..... 5
" PLUMARIUS NANUS. A new dwarf, double white variety, producing all double flowering plants from seed, very compact, not above six inches in height. Perennial..... 25
PANSY, (*Viola Tricolor*) An indispensable and charming hardy perennial. The best blooms are from seed sown in the Autumn, and slightly protected in frames during the Winter. These flower early in the Spring. The plants from Spring sowing should be planted out in a shady border, and will produce fine blooms in the Fall. They require a fresh soil, well enriched with decomposed manure.



PANSY, DREER'S PREMIUM VARIETIES. Saved from first class flowers, with special directions how to cultivate.. 50
" best English Imported..... 25
" new light blue..... 25
" ROI DES NOIRS, new black..... 25
" PURPLE. White-edged 25
" good imported variety..... 10
PENSTEMON. Choice mixed varieties,..... 10

PETUNIA. For out-door decoration, there is scarcely a plant equal to this. It commences to bloom early and continues a mass of bloom the whole season. Of late years, the striped and blotched varieties have been much improved.

" SPLENDID HYBRID VARIETIES. Mixed, very choice,..... 10
" BUCHANAN'S NEW BLOTCHED. Beautifully spotted,..... 25
" DOUBLE HYDRIDIZED (very uncertain from seed),..... 50
" COUNTESS OF ELLESMERE, dark rose, white throat..... 10
" CERMESINA GRANDIFLORA, with white throat,..... 25
" PURPLE AND WHITE, mixed, or separate, each..... 5

PORTULACA. Plants of easy culture, luxuriating in an exposed sunny situation; flowers large and of many rich shades of color, and produced throughout the summer in the greatest profusion. The varieties are,—

" ALBA, white; CARYOPHYLLOIDES. Carnation striped,.... 5
" AURANTIACA. Orange. SPLENDENS. Crimson purple, 5
" THORBURNII. Yellow. THELLUSONII. Scarlet,..... 5
' ROSEA. Rose-colored. Mixed..... 5
" GRANDIFLORA FLO. PL. NEW DOUBLE..... 50

POLYANTHUS. Finest English varieties, hardy per..... 25
" " Good mixed, " " 10

POPPY, (*Papaver*) Showy and easily cultivated flowers. Sow early in the spring; will not bear transplanting. The varieties are,— CARNATION, PÆONIA-FLORA, DOUBLE WHITE, RANUNCULUS, OPIUM. *Fine, mixed varieties,* each 5

PRIMULA VERIS. English cowslip, perennial..... 10

SALPIGLOSSIS. Neat and beautiful plants, suitable for pot-culture or the flower-border, blooming all summer. The varieties are,—PICTA, beautifully veined; COCCINNEA, scarlet; LUTEA, yellow. Also fine mixed varieties, each, 10

SANVITALIA. PROCUMBENS FLO. PLENO. This new double-flowered variety is far larger in flower than in the single-flowered species: the color is a uniform bright golden-yellow, a valuable bedding plant,..... 25

SAPONARIA. Of dwarf compact growth, profusion of bloom throughout summer and late autumn. The varieties are,— MULTIFLORA, rosy pink; OCYMOIDIES, a perennial variety, one of the finest plants for covering rock work each,..... 10
" CALABRICA MARGINATA. Color rose and white..... 10

SCARLET RUNNER. (*Phaseolus Coccineus*) Flowering Bean.... 5

SCABIOSA (*Mourning Bride, or Sweet Scabius*). Plants with beautiful flowers; adapted for border cultivation, hardy.

" Fine German varieties; mixed..... 5
" Stellata (*Starry Mourning Bride*)..... 5
" NANA. Dwarf. CANDIDISSIMA. White, each..... 10

SCHIZANTHUS. A splendid class of plants, combining elegance of growth, with a rich profusion of flowers, valuable for green-house decorations, for which purpose sow in August. The varieties are,—HUMILIS, blue, lilac, white and yellow; GRAHAMII, red and orange; GRANDIFLORUS OCCULATUS, various; PINNATUS, purple, white and yellow; PRIESTII, white, lilac and primrose, each. 10

SEDUM. Useful and pretty little plants, growing freely on rock-work, rustic-work, hanging-baskets, &c. Mixed..... 20

SENECIO OR JACOBŒA. Free growing plants, producing their gay-colored flowers in great profusion. The varieties are,—DWARF DOUBLE PURPLE, DWARF DOUBLE WHITE, DWARF DOUBLE CARMINE, FINE DOUBLE MIXED. 10

SENSITIVE PLANT. (*Mimosa Pudica*)..... 10

SILENE RETICULATA. Brilliant red; very profuse blooming; extremely showy species, two feet in height..... 20

SOLANUM CAPSICASTRUM. A dwarf variety, with red, cherry-like fruit, quite ornamental in pots in the green-house. 10

STOCKS, (*Mathiola*) The Stock Gilly flower is one of the most popular, beautiful and important of our garden favorites; and whether for bedding, massing, or pot culture, it is unsurpassed either for brilliancy and diversity of color, or for profusion and duration of bloom. The TEN WEEK STOCK, (*Mathiola annua,*) is most generally cultivated, and blooms 10 to 12 weeks after being sown; they grow from 6 to 15 inches high, and when grown in rich soil, and occasionally watered with weak guano water, throw out an immense quantity of lateral spikes of bloom, so that each plant forms a perfect bouquet of delightful fragrance. We offer the following select varieties, imported from one of the best growers in Prussia:—

STOCKS, LARGE FLOWERED TENWEEK. Mixed..... 10
" " DWARF TENWEEK. New aurora color..... 20
" " NEW CANARY 20
" " CRIMSON 10
" " BLUE..... 10
" " PURPLE 10
" " WHITE 10
" " NEW SNOW WHITE..... 20
" " DARK CRIMSON..... 20
" " SCARLET..... 10
" DWARF BOUQUET. CRIMSON and ROSE, each..... 20
" VICTORIA SCARLET. Very beautiful..... 20
" INTERMEDIATE SCARLET. Very beautiful..... 10
" " WHITE..... 10
" AUTUMNAL, OR INTERMEDIATE. Choice mixed 10
" *b.* PERPETUAL EMPEROR. Choice colors mixed.. 10
" *b.* BROMPTON OR WINTER. Choice colors mixed 10

SWEET WILLIAM, (*Dianthus barbatus*) A well known free-flowering perennial ,producing a splendid effect in beds, mixed flower and shrubbery borders.

" HUNT'S MAGNIFICENT AURICULA-FLOWERED..... 10
" DEAN'S AURICULA-EYED 10
" NEW DARK. Very rich, dark colors..... 10
" CHOICE DOUBLE..... 20
" MIXED. Good varieties..... 5

SWEET PEAS, (*Lathyrus*). Very beautiful, fragrant and free-flowering climbing plants, flowering all summer.
" SIX COLORS. Separate or mixed, each..... 5
" BROWN'S INVINCIBLE SCARLET. A new intense scarlet variety of the sweet pea, very beautiful..... 10
TAGETES SIGNATA PUMILA, (VILMORIN.) This is really an acquisition to our list of annuals—its dwarf habit, compact and bushy growth, with its densely covered, bright yellow flowers, must give it a prominent position, and prove valuable as well for borders as for beds, planted either by itself, or alternated with different colors..... 10
THUNBERGIA, desirable climbing plants, constant bloomers; the most desirable are ALATA, buff dark eye; AURANTICA, orange dark eye; BAKERII, pure white, each..... 10
" ALL COLORS. Mixed..... 10
TOURNEFORTIA. Summer Heliotrope..... 5
TROPÆOLUM. See Nasturtium.
VALERIANA. Red and white, perennial, each..... 5
VERBASCUM PHŒNICIA. Hardy perennial..... 5
VERBENA HYBRIDA. Seed saved from the finest named varieties..... 25
" choice mixed..... 10
" AUBLETIA. Reddish purple, hardy perennial..... 10
VERONICA SYRIACA. Bright blue and white..... 10
VINCA ROSEA and ALBA. Ornamental and free blooming—fine for bedding out in summer—known as the Madagascar Periwinkle, each..... 10
" ROSEA NOV. SPEC. Pure white, without disk, constant variety..... 10
VIRGINIAN STOCK. (*Malcomia*) Red and white, each..... 5
VISCARIA OCULATA. Pink, with rich crimson eye..... 5
" NANA. Dwarf, bright rose..... 5
VIOLET. (*Viola Odorata*) Single, sweet violet..... 10
WALL-FLOWER. Fine German, mixed..... 10
" Blood-colored..... 10
WHITLAVIA GRANDIFLORA. Fine violet-blue, one foot high, very effective for bedding..... 5
" ALBA. A white variety of the above..... 20
ZINNIA ELEGANS, FL., PL., DOUBLE ZINNIA. This proves to be quite an acquisition to our list of annuals. Its splendid double flowers rivalling in beauty, size and form moderate-sized Dahlias. Seed, saved from the best double flowers, per paper..... 20
" New double, in packets, eight select colors, each separate..... 1.00
" DOUBLE. Saved from good flowers..... 10
" SINGLE. Scarlet white, yellow, and eight colors mixed, each 5

EVERLASTING FLOWERS.

These are desirable for making up Winter Bouquets and Wreaths. They should be cut when in perfection, and dried slowly in the shade.

ACROCLINIUM. Charming everlasting flowers, valuable for winter bouquets, flowering freely in any good garden soil—one foot high

" ROSEUM. Bright rose. ALBUM. Pure white, each..... 10

AMMOBIUM ALATUM. White, hardy, two feet..... 5

GOMPHRENA (*Globe amaranthus*) Handsome everlastings, with showy flowers, suitable for winter bouquets, familiarly known as the "*Bachelor's Button.*"

" ALBA. White. PURPUREA, rich crimson, each..... 5

" AUREA. Orange. STRIATA. Striped " 10

HELICHRYSUM. Exceedingly effective in mixed flower borders; the flowers, if cut when young, are valuable for winter bouquets; succeed in any rich soil.

" MACRANTHUM. Large pink flowers, two feet..... 10

" NANUM ATRO-SANGUINEUM. Brilliant deep crimson..... 20

" ALBUM. Double white, pure,..... 10

" LUCIDUM. Double yellow. " 10

" MONSTROSUM. Large showy flowers, variety of colors..... 10

" COMPOSITUM MAXIMUM. Double, all colors mixed..... 10

" Fine Mixed Varieties, assorted colors..... 10

HELIPTERUM SANFORDII. A very pretty and distinct annual of a dwarf tufted habit, growing on ordinary soil, about nine inches high, with neat foliage, and large globular clusters of bright golden yellow flowers..... 20

MICROPUS SUPINUS. Hardy, of dwarf compact growth, bright yellow flowers, very handsome for the open borders. 20

POLYCOLYMNA STUARTII. White, hardy..... 5

RHODANTHE. A beautiful class of Everlastings for winter bouquets. The flowers require to be gathered when young, and dried in the shade. Valuable for pot or border culture.

" ATRO-SANGUINEA. Dwarf, branching habit, disk of dark violet or crimson brown shade, ray scales of a bright purple or Magenta color..... 20

" MACULATA. Bright rosy purple, yellow disk..... 20

" " ALBA. Silvery white..... 20

" MANGLESII. Bright rose, silvery calyx..... 10

h. h. p. STATICE BONDUELLI. Deep golden yellow..... 10

" " SINUATA. Purple and yellow..... 10

WAITZIA AUREA. A handsome half hardy annual eighteen inches in height, branched at the base, bearing clusters of bright yellow flowers, one inch in diameter..... 25

" CORYMBOSA. Clusters of elegant flowers, about one inch across, of a deep amaranth on the outer part, paler inside, and with yellow disk; succeeds well in light soil..... 25

XERANTHEMUM. Remarkably showy and free, flowering, hardy annual. The varieties are.—DOUBLE PURPLE, DOUBLE YELLOW, DOUBLE WHITE, each..... 5

ORNAMENTAL FOLIAGE PLANTS

Have become very popular. The following varieties can be readily grown from seed, and produce a fine effect for the adornment of the flower garden, terraces, pleasure grounds, &c.

AMARANTHUS. Showy plants, some with ornamental foliage and very effective in groups.

" CAUDATUS. (*Love lies Bleeding*) Blood red flowers, 3 to 4 feet..... 5

" HYPOCHONDRIACUS. (*Prince's Feather*) Showy; 4 to 5 feet..... 5

" MELANCHOLICUS. (*var. ruber.*) Introduced by Mr. Veitch, from Japan. Its habit is very compact, height 12 to 18 inches, with striking blood-red foliage. A very fine-foliaged bedding plant..... 10

" TRI-COLOR. Leaves red, yellow and green; very handsome and showy; known also as "Joseph's Coat."..... 5

" GIGANTEUS—Chinese..... 5

CANNA or INDIAN SHOT. The Cannas are a stately species of plants, highly ornamental, producing a very rich and Oriental effect, by their large, broad, massive foliage, terminated by racemes of crimson or scarlet variously lobed flowers. Soak the seed in hot water before planting, take up the roots before frost, and preserve in a warm cellar or room.

" INDICA. Bright red. CUBENSIS. Orange and red, each 10 WARSCEWICZII. Blood red. GIGANTEA. Large scarlet. Each..... 10

" Twelve choice varieties..... $1.50

EUPHORBIA VARIEGATA. Showy white and green foliage, about 2 feet high, very ornamental for planting in masses with Amaranthus Melancholicus, Tri-color, or Perilla nankinensis..... 10

MAIZE. STRIPED LEAVED JAPANESE grows to a height of 4 to 5 feet. It is beautifully and evenly striped, and ribboned with alternate stripes of green and white, and in its earlier stages of growth, is also striped with rose color. Nothing in the way of a foliage plant can exceed in gracefulness and beauty a group of this plant..... 10

PERILLA NANKINENSIS. A neat ornamental plant, with dark purple foliage, very striking..... 5

" OCYMOIDES. A variety of the above..... 5

RICINUS SANGUINES. Showy and effective, growing from six to eight feet high, blood-red stalks and seed-pods..... 10

" TRI-COLOR. Dark green and brown spotted, the stalk is reddish brown..... 10

" AFRICANUS ALBIDUS. Contrasts finely with the above.... 10

YUCCA FILAMENTOSA. Exceedingly stately and highly ornamental hardy plant, requires several years to grow to perfection. 10

ORNAMENTAL GRASSES.

FOR BOUQUETS AND DECORATIVE GROUPS.

Agrostis Pulchella.
" Nebulosa.
Arundo Donax versicolor. (*Ribbon Grass*)
Avena Sensitiva or Animated Oats.
Briza Maxima, Quaking Grass.
" Gracilis.
Coix Lachryma. (*Job's Tears*)
Elymus Hystrix
Eragrostis Namaquensis.
" Senegalensis.
Grangea Maderaspatana.
Gynerium Argenteum. (*Pampas Grass*) 25 cts.
Lamarkia Aurea.
Sorghum Saccharatum.
Stipa Pinnata. (*Feather Grass*)
Stipa Elegantissima 10 cts.

SEEDS OF GREEN-HOUSE PLANTS.

FLORISTS' FLOWERS, ETC.—Those marked with a * are suitable for bedding out in the summer. Price, 25 cents per paper, except when noted:—

Acacia, choice mixed.
Argyranthemum frutescens.
Azalea indica.
Auricula, very choice imported.
Bonapartea juncea.
Calceolaria, spotted hybrid, 50 cts.
" superb dwarf, spotted varieties, 50 cts.
Calceolaria, rugosa shrubby, 50.
Chrysanthemum, Chinese.
Cineraria, choice Hybrid.
" " Dwarf, 50.
Clianthus Damperii, 50 cts.
Cyclamen Persicum and European.
* Erythrina Crista galli. (Coral Plant.)
Erythrina Hendersonii.
" Laurifolia.
Epacris, choice varieties.
FERNS, choice varieties.
Fuchsia, or Ladies' Ear-drop, mixed.
* Geranium, fine scarlet varieties.
Gloxinia, choice mixed, 50 cts.
Habrothamnus elegans.
* Heliotrope, Peruvianum.
* " Triumph de Liege.
* " Voltaireanum.
* Heliothrope, Roi des Noirs.
* Lantana, newest varieties, a fine bedding plant.
Pelargonium, finest fancy and large-flowered.

PRIMULA SINENSIS, FIMBRIATA CERMESINA SPLENDENS.—Very large flowers, bright velvet-like crimson. This new variety surpasses all other varieties of the Chinese Primrose by its brilliant color and large size, 50 cts.

Primula Sinensis, Rosea Fimbriata, fringed Chinese Primrose.
" Alba " " "
" Fimbriata Alba, Rubra Striata.
" Erecta Superba. (Novelty) 50 cts.
Passiflora Cœrulea, Blue Passion flower.
" Edulis.
* Salvia Splendens, scarlet sage.
" Coccinea Splendens, free-bloomer.
" Pumila, dwarf.
" PATENS, superb blue.
Tropæolum Lobbianum, Green-house climber.
" " Giant des battailles, dark crimson.
" " Tricolor grandiflorum.

FLOWER SEEDS IN ASSORTMENTS.

The following are principally imported direct from Prussia, and will be found very choice. They are sold in the original packages at the price named. Each variety or color separate in the package.

ANTIRRHINUM,	12	varieties,	$1 00
ASTERS, finest quilled,	24	"	1 50
" "	12	"	75
" Globe-flowered,	12	"	1 00
" DWARF BOUQUET,	12	"	1 00
" Truffaut's PÆONIA FLORA,	12	"	1 50
" NEW IMBRIQUE POMPONE,	12	"	1 00
" COCARDEAU OR CROWN,	12	"	1 00
" EMPEROR,	12	"	1 50
" LARGE FLOWERED ROSE, (new,)	12	"	1 50
BALSAM, Double Camellia-Flowered,	12	"	1 50
" DWARF "	12	"	1 00
" NEW FRENCH ROSE,	12	"	1 50
CANNA,	12	"	1 50
CARNATION,	12	"	2 50
COCKSCOMBS, fine German,	12	"	1 00
IMMORTELLE, or Everlasting Flower,	12	"	1 00
" "	24	"	2 00
HOLLYHOCKS, superb double English,	12	"	1 00
LARKSPUR, HYACINTH-FLOWERED,	12	"	75
" CONSOLIDA, branching,	8	"	75
MARIGOLDS, fine double,	12	"	75
PINKS,	12	"	1 00
POPPY, Double Carnation,	12	"	75
" New Pæoniaflora,	8	"	50
SENECIO ELEGANS, Double Jacobea,	8	"	75
SALPIGLOSSIS,	12	"	1 00
SCABIOSA MAJOR,	6	"	50
" NANA,	6	"	50
STOCKS, large flowered, ten weeks,	12	"	1 50
" " "	8	"	75
" PERPETUAL FLOWERING, ten weeks,	10	"	1 25
" AUTUMNAL	12	"	1 25
" EMPEROR, or PERPETUAL,	12	"	1 50
" BROMPTON, or WINTER,	12	"	1 00
WALL-FLOWER, fine German Double,	12	"	1 50
ZINNIA ELEGANS, New Double,	8	"	1 00
GREEN-HOUSE PLANTS, choice selection,	25	"	4 00
FERNS,	12	"	2 50
ORNAMENTAL-LEAVED PLANTS,	12	"	1 50
" GOURDS "	25	"	2 00
" GRASSES,	12	"	1 00
PHLOX DRUMMONDII,	8	"	75
PRIMULA CHINENSIS,	10	"	2 50
" "	5	"	1 25
PORTULACA,	6	"	25

PORTULACA, NEW DOUBLE	6 varieties.	$1 25
PETUNIA, Splendid sorts	12 "	1 50
PHLOX DRUMMONDII	16 "	1 50
SWEET PEAS	6 "	25

NEW FLOWER SEEDS,

Or *Varieties* omitted in the general list.

	per pkt.
ALYSSUM SAXATILE. Perennial, yellow flowers	10
AGROSTEMMA ALBA. White Rose Campion	5
ARISTOLOCHIA SIPHO. Pipe Vine, hardy perennial	20
ASTERS. Dwarf Chrysanthemum-flowering, carmine	25
BOCCONIA JAPONICA. A new ornamented foliage plant from Japan	25
BOCCONIA FRUTESCENS. Also a beautiful foliage plant	25
CLEMATIS AZUREA GRANDIFLORA. Large flowering blue Clematis, or Virgin's Bower, hardy perennial	25
DAHLIA, BOUQUET, or LILLIPUTIAN. Mixed varieties	25
DIANTHUS, IMPERIALIS, PLENISSIMUS PICTUS. A new variety of beautifully striped pinks	25
DIANTHUS DELTOIDES. London pride pink, mixed	10
ERAGROSTIS ELEGANS. (Lovegrass)	05
FEVERFEW, (Pyrethrum). Double white, a beautiful bedding plant	10
FUCHSIA CORYMBIFLORA. Mixed.	25
" HYBRID. Double and single, mixed, choice	50
FUNKIA PLATYGINIFOLIA. Blue flowers	25
HIBISCUS SYRIACUS, FOLIO VARIEGATIS. Althea or Rose of Sharon, variegated foliage, *hardy perennial*	25
IPOMŒA COCCINEA LUTEA. Yellow morning glory	10
IPOMŒA GRANDIFLORA SUPERBA. Large Blue morning glory	10
LATHYRUS LATIFOLIOS ALBUS. White Everlasting pea,	10
LILIUM AURATUM. Golden Lily of Japan	50
MIMULUS TIGRINUS FLO PLENA. Double Mimulus, saved from Mr. Bull's celebrated collection	25
MOUNTAIN PINK, (*Dianthus var.*) Free bloomer	10
NASTURTIUM. *New Rose*, a beautiful variety	25
PAMPAS GRASS, ROSEUM, (Gynerium.) New rose-colored variety	25
SALPIGLOSSIS AZUREA GRANDIFLORA. Large blue	10
SCABIOSA NANA FL. PL. VARIETATES. New dwarf double Scabiosa, resembling a double Pompene Chrysanthemum,	20
SWEET ROCKET. (Hesperis Matronalis), white and purple,	05
ZINNIA MEXICANA. A new variety	10
XERANTHEMUM ANNUM FL. CARYOPHYLLOIDES. A new striped Everlasting, very beautiful	20

ANNUALS BY WEIGHT.

The following are offered by quantity, and are exceedingly showy and effective for massing in beds, borders, marginal lines or ribbons; also as large groups for front effect in shrubberies, &c., and in covering large or blank spaces, or beds.

Acroclinium Roseum, rose,	per oz.	$1 50
Ageratum Mexicanum, blue,	"	1 50
Alyssum sweet, white,	"	1 00
Amaranthus giganteus, crimson,	"	1 00
Asters, German mixed,	"	1 00
" " quilled and pyramidal,	"	1 50
Balsams, dwarf camellia-flowered,	"	2 00
Cacalia, scarlet, and yellow mixed,	"	1 00
Calliopsis-marmorata, tinctoria, and Drummondii,	"	1 00
Candytuft, white, purple and crimson,	"	60
Cockscomb, crimson and mixed varieties,	"	1 00
Convolvolus Major, morning glory, mixed,	"	30
" Minor or Tricolor	"	50
Cypress vine, crimson,	"	80
Dianthus Chinensis, extra double China Pink	"	1 50
Erysimum Peroffskianum, orange	"	60
Eschscholtzia-crocea, orange, California Poppy	"	80
Euphorbia variegata, green and white, showy	"	60
Gilia tricolor	"	80
Gomphrena globosa, or Globe amaranth, crimson and white,	"	1 00
Helianthus nanus, dwarf double sunflower	"	60
" majus, tall "	per lb.	80
Ipomœa, coccinea, star morning glory,	per oz.	50
" nova striata, new striped,	"	50
Larkspur, dwarf rocket, and tall branching,	"	80
Marigold, dwarf and tall varieties,	"	80
Mignonette, sweet-scented,	"	50
Nasturtium, tall crimson,	"	40
" dwarf scarlet and crimson,	"	80
Œnothera grandiflora, Evening primrose,	"	80
Phlox Drummondii, mixed,	"	1 50
" choice varieties, mixed,	"	2 00
Petunia, mixed varieties,	"	1 00
" choice mixed hybrid,	"	2 00
Perilla Nankinensis, dark purple foliage	"	1 00
" Ocymoides	"	1 00
Portulaca, choice mixed colors,	"	1 00
Sweet Peas, choice colors, mixed	"	20
Thunbergia, " "	"	1 50
Zinnias, fine double varieties,	"	1 50

$10 COLLECTION OF PLANTS.

THE VARIETIES OUR OWN SELECTION.

The following assortment will be found desirable, embracing such plants as will insure a continuous bloom throughout the season. We offer the whole collection, including packing, which is done in the most careful and compact manner, (see extract from letters below), for $10, being a large discount on Catalogue prices. Purchasers will find it to their interest to leave the selection of varieties to us, as in such cases they may always rely on receiving the best plants.

10 Everblooming Roses.
18 Verbenas.
1 Coleus Verschaffeltii,
1 Canna,
1 Varie. Sweet Alyssum,
1 Varie. Honeysuckle,
1 " Balm,
1 " Thyme.
(Ornamental Foliage Plants.)
3 Heliotropes.
4 Fuchsias, single and double.
2 Petunias, " "
4 Lantanas.
4 Pansies.
1 Blue Sage, (Salvia Patens).
1 Scarlet Sage, (" Splendens).
4 Geraniums, assorted.
1 Gazania Splendens.
2 Cuphea Platycentra.
4 Double Dahlias.
4 Gladiolus, choice.
4 Tiger Flowers.
2 Double Tuberose.
4 Chrysanthemums.
2 Violets.
2 Monthly Pinks.
2 Monthly Carnations.
1 Cobœa Scandens, (Summer Climber).
1 Lemon Verbena.
2 Hardy Perennial Phlox.

One-half the above assortment, (including packing),.....$6 00

ORDERS FOR PLANTS should be sent on a Separate Sheet from the Orders for SEEDS, IMPLEMENTS and BOOKS, as the Departments are Entirely Separate.

☞ ***No ORDERS for Plants RECEIVED under FIVE DOLLARS.***

Ottawa, Ill., April 23, 1867.

"The box of Plants you forwarded us is received; the Plants were beautiful, and in extraordinary fine condition. The long trip had not injured them in the least. I never saw so much care and ingenuity exercised in packing before."

A. B. MOORE, *County Clerk.*

Mount Vernon, (The Home of Washington), March 25, 1867.

"They were all fine plants, and I never saw anything more beautifully packed, or opened a box with more satisfaction."

MISS S. C. TRACY.

Montgomery, Ala., April 20, 1867.

"The plants have been received this day, and they prove perfectly satisfactory. Every plant is as fresh as if just dug up, and promises to grow."

D. S. TROY.

Bedding Plants and Florists' Flowers.

BEDDING PLANTS are such as are suitable for planting in the open border or flower garden in early summer, to bloom till frost; they are then taken up and housed, or cuttings obtained from them for next season's planting.

FLORISTS' FLOWERS are those of which there are many Hybrid varieties, annually increased or improved. Of these, the Dahlia is one of the most popular.

THE DAHLIA.

Of this attractive flower we have several hundred varieties, and are constantly adding all the newest and best as they are offered, and rejecting older and inferior kinds. Our collection has received numerous prizes at the exhibitions of the Pennsylvania Horticultural Society.

Dahlias delight in a rich sandy loam, highly manured with decomposed cow-manure. To insure perfect flowers, mulch during the summer with short manure. Thin out superfluous branches, and keep them well tied up to strong stakes, firmly driven in the ground at the time of planting. The best time for planting is about the first of May for the roots, and the plants can be set out as late as the 10th of June. The roots can be preserved during the winter in dry sand, free from frost, damp, or fire heat.

New and Rare Dahlias for 1868.

Strong Plants ready by the 15th of April.

Price 50 cts. each, $5 00 per doz.

AMOURETTE, light rose, edged with lilac.
ANDRE THOUIN, fine crimson scarlet, colossal flower.
ANTIOPE, buff, shaded with carmine.
BIRD OF PASSAGE, white, tipped with carmine.
BOB RIDLEY, large ruby crimson.
DONALD BEATON, fine purple.
GERMAN GLORIE, sulphur, tipped with white, extra.
HEBE, white, edged with yellow, red tip, novel.
HARLEQUIN, bright yellow, striped with scarlet.
HORACE VERNET, blackish maroon.
IMPERIALIS, maroon purple.
MADAM HEROLD, blood-red, shaded with golden yellow
MANTES-LA-VILLE, rosy lilac, extra fine, dwarf.
LEAH, beautiful orange yellow.
MEDORA, rose, shaded with violet.
MRS. BOND, crimson, scarlet shade, very free bloomer.
MRS. CRISP, purple, edged with white, splendid.
PAINTED LADY, dark lilac, striped maroon.

PRINCESS, pure white, globular, extra.
QUEEN OF PRIMROSES, clear primrose yellow.
RHEA, ruby violet.
SENECHAL, ruby, orange shade.
SAPHO, deep scarlet.
S. SICKMAN, white, edged with maroon, dwarf.
SIDNEY HERBERT, bright crimson.
TALISMAN, rose, striped with crimson.
TRIUMPH DE CAUDEBEC, brilliant crimson.
TRIUMPH DE PECK, dark maroon.
UMPIRE, white, heavily tipped with rosy purple.
WILLIE AUSTIN, brilliant amber, dwarf.

SELECT DAHLIAS.

FROM RECENT IMPORTATIONS.

ROOTS OR PLANTS AT THE OPTION OF THE PURCHASER.

Price 30 cents each, or $3 00 per dozen.

ALBA MULTIFLORA. Pure white.
ALI BABA. Deep bright scarlet.
AMAZONE. Yellow, scarlet margin.
ARIANA. Lilac, globular form.
BRUNO. Dark red.
BEAUTY OF THE GROVE. Buff, edged with crimson.
BILA BILA. Aurora, on yellow base.
CARMINATA STRIATA. Blush, striped with crimson.
CREPUSCULA. Orange red, fine.
CAROLINE CASTE. Blush, shaded.
CRITERION. Rosy lilac, finely cupped.
CHARIVARI. Yellow, striped and dotted with carmine.
DODAS. Superb yellow, the finest.
DUCHESS OF CAMBRIDGE. Pink, edged with crimson.
DUCHESS OF WELLINGTON. Creamy Yellow.
FLOWER OF THE DAY. White.
GRAND DUKE. Brilliant carmine.
GRIMALDI. Blush, heavily tipped with carmine.
LORD CLYDE. Carmine, fine.
MADAM PAGES. Rosy lilac.
MADAM BERSAUD. Dark scarlet.
MALAKOFF. Red, with white.
MARIE BERSAUD. Orange scarlet.
MADGE WILDFIRE. Rosy scarlet.
MURILLO. Salmon, shaded with lilac and carmine, maroon stripes.
MADAM BAJARD. Cream, shaded with lilac.
MONSIEUR FERDINAND. Buff, heavily striped with deep cherry.
MISS HENSHAW. Pure white.
MRS. W. PIGOTT. Pure white.
NORA CREINA. Pink, shaded with salmon, and edged with yellow.
NAIN JAUNE. Dwarf yellow.
OPHELIA. White, shaded with yellow, and striped with scarlet.
OBLATA. Pure white, free bloomer.
PLUTON. Deep scarlet.
POIDEVIN L'ALMA. Fine violet, crimson.
ROMAIN DESPREZ. Buff, tipped with carmine, extra.
THE TIGER. Maroon-purple.
UNANIMITY. Deep yellow, flaked with scarlet.
WILLIAM DODD. Golden yellow.
WACHT AM RHINE. Dark maroon in the centre, shading off to carmine, and pale rose, and frequently nearly white, at the tip of the petals, free bloomer, one of the best.

Liliputian or Bouquet Dahlia.
(See page 64.)

LILIPUTIAN OR BOUQUET DAHLIAS.

This novel section includes a class of varieties distinguished by a profusion of elegant miniature blossoms, remarkable for their symmetry of form and beauty of colors. They will be found useful in forming Bouquets, Baskets or Vases of cut flowers.

CHOICE AND NEW VARIETIES.

50 cts., each. $5 per Dozen.

BRIDE OF SAXONY—Marbled rose.
CARL MUCHLER—Blood red, tipped with buff.
COMTE DOHNA—Purplish lilac, extra fine.
ESMERALDA—Rosy lilac.
FAIRY ANGEL—Ochre yellow, carmine violet tips.
LIEBESBLICK—Buff, tipped with carmine.
LITTLE DARLING—Rosy Carmine.
" KATE—Velvety purple.
" DAISY—Lilac and white, extra small and dwarf, beautiful.
" GOLDEN LIGHT—Golden yellow—shaded scarlet.
" QUEEN—White, tipped with violet.
" PRINCE—Currant red, tipped with white, sometimes maroon.
" NAJADE—Rose edged with crimson, fine.
MADAME KNESZ—White tipped with purplish lilac.
ŒILLET IMPERIALE—Blush white, tipped with carmine.
PAROQUET—Buff and crimson.
TRUE LITTLE ROSE—Pale rose, with darker tips.
UNA—Pure white.

SELECT OLDER VARIETIES.

30 cts., each. $3 per Dozen.

AUERBACH. Orange, bronze shade.
DR. SCHWEBBES. Deep scarlet.
DAMEN-ROESCHEN. Beautful rose.
GOLDFINCH. Golden yellow, with orange-red tip, extra.
GRUSS VON ZWICKAU. Blood red.
HERTHA VON BONIN. Purplish-violet on white ground.
HIPPOCRATUS. Scarlet.
KLEINE ROSENBRAUT. Fine rose.
KLEINER GERNGROSS. White, shaded with lilac.
LITTLE BRIDE. White, tipped with carmine.
LITTLE HERMANN. Yellow, tipped with scarlet.
LITTLE MISTRESS. Violet purple.
LITTLE HELEN. Blush, purple tip.
TAUSENDBLITZ. Fine deep claret, with rose.

THE VERBENA.

The Verbena is the most useful and popular of our bedding plants, yet for want of the proper cultivation, many fail to grow it to perfection. Frequent change of soil is necessary. A fresh, sandy loam, enriched with well-rotted manure, or sods from a pasture, thrown up with cow-manure, and well-rotted before using, we have found the best. A simple plan, when it is not practicable to renew the entire bed, is to dig holes about one foot square and deep, wherever a plant is desired, and fill up with fresh soil, as above named.

If a fine Fall Bloom of the Verbena be desired, it will be necessary to make a second planting about the beginning of August: plants for this purpose may be obtained by laying shoots in small pots, sunk in the ground alongside the parent plant, and watered daily in dry weather: they will be ready for transplanting in about three weeks.

We herewith give a list of a few of the most desirable varieties.

This collection received the First Premium at the Grand Autumnal Exhibition of the Pennsylvania Horticultural Society, in 1867.

Price, named varieties, (purchaser's selection),.....per doz.		$2 00
" " " (our selection),..... "		1 50
" without names, assorted colors,..... "		1 00
" " " " " .....per 100.		7 50

LIST OF VERBENAS.

ADMIRAL FARRAGUT—Blood red, white centre.
AURICULA—Bluish violet, extra large white eye.
AMABILIS—White striped violet purple.
BOULE DE NEIGE—Fine large white.
BLACK DIAMOND—Dark maroon.
COQUETTE—Fine pink, large white eye.
DECORATOR—Scarlet, white eye.
GEM OF THE WEST—Very large rose.
GARIBALDI—Purple, white eye.
GLORIE DE VAISE—Scarlet, crimson centre.
HARMONY—Large blush, carmine centre.
IVANHOE—Rich light blue, white eye.
IMPERATRICE ELIZABETH—White and rosy lilac siriped.
JESSIE—Blush, crimson eye.
KING OF THE BLACKS—Deep violet maroon.
LULA—Carmine, large deep crimson centre.
MAZEPPA—Scarlet crimson, yellow eye.
MACULATA—Speckled and striped carmine.
MAUVE—Maroon, purple shade.
PURITY—Fine white.
PURPUREA STRIATA—White, purple striped.
ROSY GEM—Fine rose, white centre.
SUN BEAM—Bright scarlet, lemon eye.
THE SUMMIT—White, broad scarlet band.
WHITE LADY—Very large white.
ZEBRA—White, striped amaranth.

DOUBLE PETUNIAS.

Double Petunias are among the recent novelties. They are not as robust as the single varieties, and answer better for pot-culture, than for bedding out.

The following are among the best:

Price 25 cents, or $2 50 per dozen.

BELLE OF BALTIMORE.
BICOLOR. White, blotched with lilac.
COQUETTE. Blush, veined with crimson.
CRIMSON PERFECTION. Crimson.
IDA. Rosy lilac.
MAD. MIELLEZ. Large white.
PICTURATA. Purple and white marbled.
STRIATA. Purple, white stripe.
UNIQUE. Blush, blotched with purple.
WM. ROLLINSON. Rose.

SINGLE PETUNIAS.

Price 20 cents each, or $2 00 per dozen.

The new Hybrid Mottled and Blotched varieties are among the most desirable of this class. We offer a choice selection.

LANTANAS.

Price 20 cents each, or $2 00 per dozen.

This is a plant of easy cultivation, free-blooming, and well adapted for either bedding or pot-culture, withstanding extremes of heat and drought.

ALBA GRANDIFLORA. White.
CROCEA SUPERBA. Orange.
COMTESSE MORNY. Blush and rose.
CELESTINA PHILOMELE. Orange.
FILLONII. Yellow, with purple.
FULGENS MUTABILIS. Scarlet.
GRAND SULTAN. Scarlet.
GIGANTEA. Purple and yellow.
GARIBALDI. Lilac.
IMPERATRICE EUGENIE. Blush and white.
LUTEA SUPERBA. Sulphur.
MIRABILIS. Beautiful orange.
SURPASSE. Lilac, with yellow.
SNOWBALL. White.

HELIOTROPES.

Price 20 cents each, or $2 00 per dozen.

The Heliotrope is a universal favorite. No bouquet is considered perfect without it. It is a constant bloomer—blooming alike freely in the summer as a bedding plant, or in pots during the winter in the green-house. The varieties with a * are the freest bloomers.

*GRANDIFLORUM. Pale lilac.
*GEM. Dark-bluish lilac.
JEAN MESMER. Bluish lavender.
PETIT NEGRESS. Dark purp., dwf.
SOUVENIR DE LIEGE. Lilac & white.
TRIOMPHE DE GUASCOI. Large pale lilac.
*VOLTAIREANUM. Bluish purple.

ZONALE GERANIUMS.

Price 20 cents each, or $2 00 per dozen.

These are commonly called "Scarlet," or "Horse Shoe Geraniums," on account of the peculiar mark on the foliage of many of the plants. For beauty, brilliancy, and continued bloom, they cannot be excelled; they are among our most desirable bedding plants. The following can be recommended.

BISHOP STOWE. Scarlet, fine fol'ge.
HENDERSONII. Pure white.
CRYSTAL PALACE. Scarlet.
COMTESS DE CHAMBORD. White.
CHRISTINE. Rosy pink.
STELLA. Dark Tyrian purple.
GEN'L GRANT. Dazzling scarlet, enormous truss, one of the very best for bedding.
TOM THUMB. Scarlet.

NEW ZONALE GERANIUMS.

Price 30 cts. each, or $3 00 per dozen.

AURORA—Pink, shaded with salmon.
BEAUTY OF SURESNES—Beautiful large rose.
BOULE DE FEU—Splendid scarlet, white eye.
CONQUEROR OF EUROPE—Very large scarlet, shaded with salmon.
EMPRESS OF NOSEGAY—Brilliant crimson.
ETOILE DE MATIN—Salmon pink, broad white margin, extra.
ELENOR—Large scarlet, carmine shade.
HARDY GASPARD—Very large scarlet.
KING OF SCARLETS—Immense trusses of fiery scarlet, 50 cts.
LA DAME BLANCHE—Very large white, pink centre, dark zone, extra fine, 50 cts.
LEONARDI D'VINCI—Vermillion, white eye.
LOUIS ROESELER—Cherry rose, carmine shade.
LUCIUS—Scarlet, shaded carmine, large compact truss.
MAD'M JENNISETTE—Fine large carmine.
MAD'M CROZIER—Salmon pink and white, dwarf.
MAD'M VAUCHER—Fine large white.
MR. WHITTY—Dark rose, white eye.
MINIMUM NOSEGAY—Light carmine, dwarf.
PERFECTION—Deep scarlet, dwarf.
RUY BLASE—Brilliant scarlet, bronze zone.
VICTORY—Very large vermillion.
WASHINGTON—Beautiful rosy crimson.
WHITE TOM THUMB—Beautiful dwarf white.

DOUBLE FLOWERING ZONALE GERANIUMS.

We take pleasure in offering the following collection of this new and rare section of Zonal Geraniums, which are now so popular in Europe. The blossoms do not shed their petals; hence they last in flower a long time, and are useful in a variety of ways where the single kinds are almost unserviceable.

AUGUSTA FERRIER.—Semi-double scarlet.....50 cts.

RANUNCULÆ FLORA.—Very double scarlet.....50 cts.

TRIUMPH DE GERGOVIAT,
MARTIAL DE CHANFLOUARD, } Similar to Ranunculæ flora.

GLORIE DE NANCY.—This remarkable and interesting variety is a great improvement; flowers rich rosy scarlet, growth vigorous. .....$1.50 each.

TRIOMPHE DE LORRAINE.—Flowers immense and very double, of a beautiful rosy carmine color, occasionally striped with pure white.....$2.50 each.

TRIOMPHE DE THUMESNIL.—A variety with trusses longer than "Glorie de Nancy" which it surpasses in form and richness of color, violet rose, shaded with carmine; compact trusses, composed of from 50 to 60 flowers; petals as large as those of single flowers. .....$2.50 each.

VARIEGATED-LEAVED GERANIUMS.

Price 25 to 50 cents each.

FLOWER OF THE DAY. White-edged foliage.
ALMA. White-edged foliage.
HENDERSONII. Pure white edge.
CULFORD BEAUTY. Sulphur variegation.
PERFECTION. Broad white margin.
VICTORIA. Yellow-edged

HYBRID BEDDING AND SCENTED LEAF GERANIUMS.

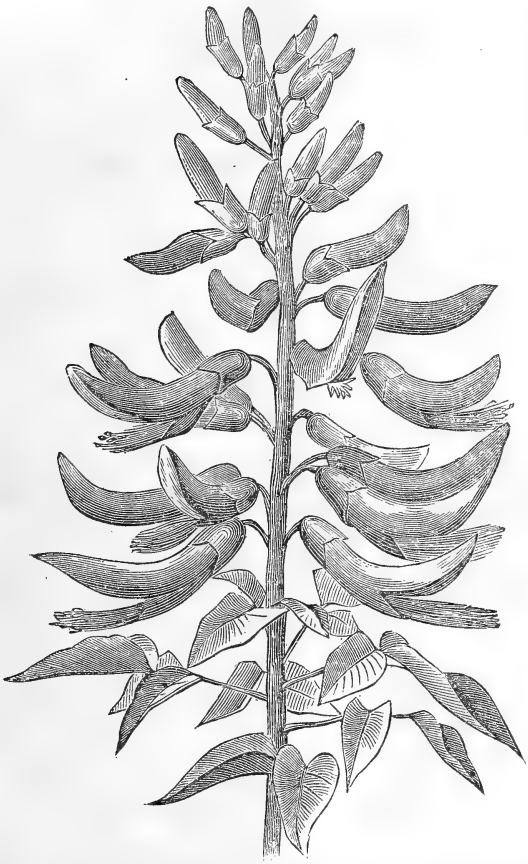
Price 20 cents each, or $2 per dozen, except when otherwise priced.

CAPITATUM. Rose-scented.
CAPITATUM MAJOR. Pretty cut-leaf, highly scented.
LADY PLYMOUTH. Variegated rose, 50 cents.
DENTICULATUM. Large cut-leaf, rose-scented.
ODORATISSIMUM. Apple-scented, spicy apple perfume, 30 cents.
ODORATISSIMUM ERECTUM, or nutmeg-scented.
QUERCIFOLIUM EXIMIUM. Oak-leaved.
IVY-LEAVED. Pretty trailing, var.
LEMON-SCENTED.
SHRUBLAND PET. Dwarf, sweet-scented, var.

THE PAMPAS GRASS.

Gynerium Agenteum.

The most magnificent of grasses, with long terminal silvery plumes thoughout the late summer and autumn months. With some protection, it has stood the winters near Philadelphia: but it is safer to lift it in the autumn. Price 25 cents to $1.00 each.



ERYTHRINA CRISTÆ-GALLI, OR CORAL PLANT.

A magnificent plant, producing its scarlet and crimson pea-shaped flowers on spikes eighteen inches long. Plant them in the garden in May, and they will flower profusely three or four times in the course of the summer. They may be taken up in the fall, and kept in perfect preservation during the winter in a dry cellar, the roots covered with half-dry earth. Price, from 50 cents to $1 each, according to size.

ERYTHRINA SPLENDENS. A variety of the above. The flowers are of a deeper crimson—profuse bloomer.....50 cts., to $1.00

PANSY, OR HEART'S EASE.

We have an unrivalled collection which has received the first prize, from the Pennsylvania Horticultural Society, for six years in succession.

Extra fine plants, in pots,.....per doz., $2 00
Second choice,..... " 1 50

TROPÆOLUM, (DOUBLE ORANGE NASTURTIUM.)

A new free flowering bedding variety, with large double orange flowers. Also, fine for winter blooming. Price 25 cents each.

MANETTIA CORDIFOLIA.

A pretty climbing plant, producing handsome bright scarlet tube-like flowers, forming a complete mass of blooms, from July, to October; and is a lovely object when turned into the borders during the summer. Price 25 to 50 cents each.

SALVIAS.

Are all more or less desirable for bedding purposes, as well as for green-house culture.

CACALIAFOLIA. Similar to Patens,.....each, 25 cents.
SPLENDENS. Scarlet sage, ($2 per dozen,)..... " 20 "
SPLENDENS GORDONII. Dwarf, scarlet,..... " 25 "
PATENS. Large azure blue,..... " 25 "
COCCINNEA SPLENDENS. Scarlet, free bloomer,... " 20 "
ROSEA. Rose-colored,..... " 25 "

GAZANIA SPLENDENS.

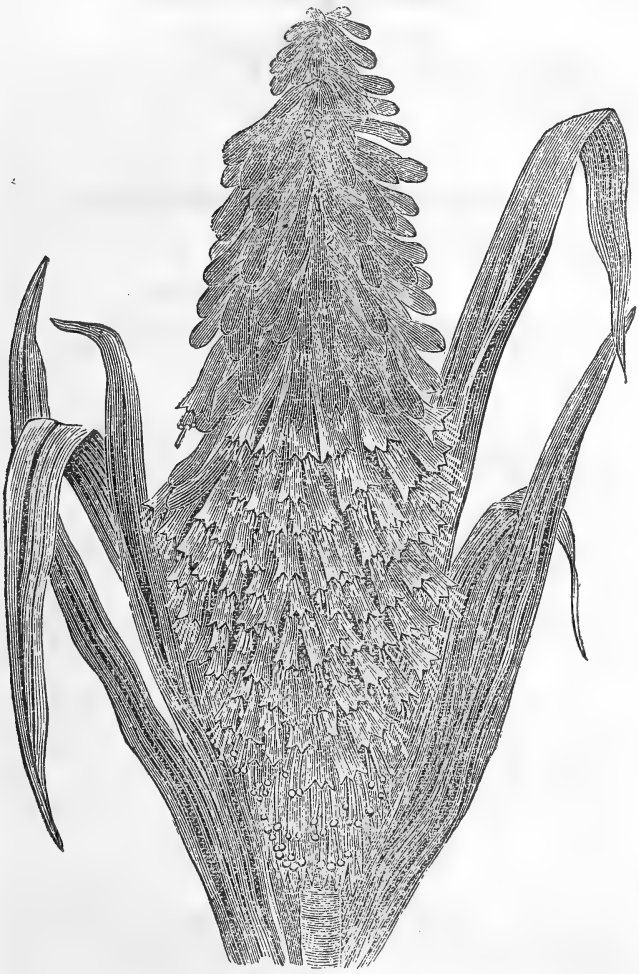
Conspicuously beautiful on account of the unusual size and brilliancy, and the richly contrasted colors of its flowers, orange, white and brown, in contrast with the green and silvery shade of the foliage, added to its dwarf and compact, yet free habit of growth. Price 25 cents each.

COLEUS VERSCHAFFELTII.

This has become one of our most popular foliage plants. Although belonging to the hot-house, it answers remarkably well for bedding out: this will, no doubt, cause it to be universally grown. It is one of the most striking of all ornamental leaved plants; colors—crimson, green and bronze. Price 25 cents each, or $2.50 per dozen.

COLEUS ATROPURPUREUS.

A new variety, with leaves of a glossy blackish purple, forming a pretty contrast with light-colored foliage plants. Price 25 cents each, or $2.50 per dozen.



TRITOMA UVARIA GRANDIFLORA.

A splendid half-hardy summer and autumn flowering plant, with stately flower-scapes and magnificent terminal dense spikes of rich orange-red flower-tubes. They may be taken up in the fall and potted, and placed in a cool green-house, pit, or cellar. The price of Plants is from 50 cents to $1.00, according to size. All blooming plants. Tritoma Rooperii, early and free blooming.

COLEUS LAMONTII.

A new variety, foliage bright green, with a large crimson purple mark in the centre of each leaf, very distinct, and an excellent contrast with the other varieties. Price 25 cents each.

AGERATUM VARIEGATUM.

Leaves finely variegated, yellow and green, shaded with crimson; flowers blue. Price 25 cents each.

ACHYRANTHUS VERSCHAFFELTII.

Iresina Herbstii.

A beautiful ornamented foliaged plant, having dark crimson leaves, with ribs and stem of a bright carmine purple amaranth, veined metallic. This charming novelty resembles the Coleus Verschaffeltii for its use and habits, but is of a more brilliant color Price 25 cents each, or $2.50 per dozen.

ACHYRANTHUS AUREA RETICULATA.

(*New.*)

A variety of the above, but in this the leaves are green reticulated with yellow; the leaf stalks, mid-rib, and also the stem are crimson, which renders the plant striking and effective. Price 50 cts. each.

VARIEGATED BALM.

A pretty, hardy perennial, with green and white variegated leaves. It has a striking and novel appearance, besides it is most agreeably fragrant, and is peculiarly adapted for city gardens, as it thrives in the shade. 20 cents each, $2 00 per dozen.

CENTAURIA CANDIDA.

A valuable plant to contrast with the Coleus, leaves downy white; forming a neat compact growth. Price 50 cents each.

CINERARIA MARITIMA.

Another white foliage plant somewhat similar to Centauria, but with leaves more deeply cut, and of more vigorous growth. Price 25 cts. each.

CANNA.

Are all desirable for the green-house or garden, their beautiful and picturesque foliage, rich and various-colored flowers renders them strikingly effective when intermixed with other plants, imparting quite an oriental aspect; they flower freely during the summer. We offer the following varieties:

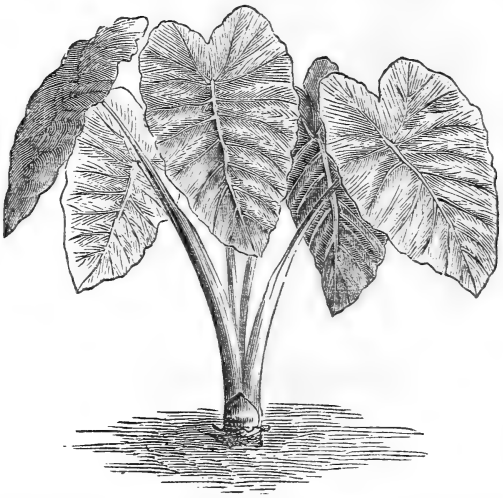
AUGUSTIFOLIA. Light red.
COCCINNEA VERA. Scarlet, 50 cts.
CUBENSIS..... 50 "
CROCEA. Orange..... ..... 50 "
INDICA. Yellow & scarlet, 30 "
MUTABILIS. Yellow..... 50 cts.
RUBERALATA. Currant red, with yellow..... 50 "
WARSCEWIEZII. Blood red. 30 "

AGAPANTHUS UMBELLATUS.

African Blue Lily.

A noble plant belonging to the Bulbous rooted section with evergreen foliage—a large plant under good treatment will frequently send up a flower stalk three feet high, crowned with twenty or thirty heads of flowers which will come into blossom in succession. It blooms during the summer, and forms a fine ornament to an architectural terrace, or a lawn Price of plants from 50 cts. to $2.00 each, according to size. The following are varieties of the above.

A.	UMBELLATUS	MINOR. A dwarf variety	$1 00
"	"	ALBA. White flowers	1 00
"	"	FOLIO VARIEGATA. Variegated foliage,	1 50



Colocasia (Caladium) Esculentum.

One of the most beautiful and striking of the *Ornamental Foliaged Plants* in cultivation, either for culture in large pots, or for planting out upon the lawn; it will grow in any good garden soil, and is of the easiest culture; when of full size it stands about five feet high, with immense leaves; often measuring four feet in length, by two and a half in breadth; very smooth, of a light green color, beautifully veined and variegated with dark green. The root should be preserved in dry sand, in the cellar, during Winter, out of reach of frost. Price, 50 cents to $2.00 each, according to the size of plants.

Miscellaneous Summer Bedding Plants.

Free bloomers, desirable for flower-borders. Those marked * are hardy.

ALOYSIA CITRIODRA, or lemon-scented Verbena,.....	each.	25
*ANTIRRHINUM, or Snap-Dragon, 12 splen. varieties,	per doz.,	$1 50
AGERATUM MEXICANUM. Light blue,.....	"	1 50
ALYSSUM, (Sweet Alyssum,).....	"	1 50
" (Foliis variegata.) Pretty varieg'd foliage,	"	2 00
AMARANTHUS. Sp., very prety, fol. red, yel & green,	"	2 00
*BELLIS PERENNIS, (Daisy.) Doub. crim., pk. & wh.,	"	1 50
CUPHEA PLATYCENTRA. Scar. flow'g, dwf. com. hab.	"	1 50
CARNATIONS. (Tree or Monthly.) A splen. collec'n,	"	3 00
FEVERFEW. Double white daisy-like flower,.....	"	2 00
GAILLARDIA PICTA. Orange and crimson,.....	"	1 50
LOBELIA ERINUS SPECIOSA. Bright blue, pretty,	"	1 50
MIGNONETTE. Large flowering, sweet-scented,.....	"	1 50
MIMULUS, or Monkey Flower,.....	each,	20
" MOSCHATUS. Musk plant,.....	"	15
NIEREMBERGIA GRACILIS. Lilac, free bloomer,..	per doz.,	1 50
*PINKS, (Laura Wilmer.) White, edged with maroon,	"	2 00
*PINKS, (Gertrude.) Rose, maroon centre,.....	"	2 00
PHLOX DRUMMONDII. Choice varieties,.....	"	1 00
PETUNIAS. Finest mixed varieties,.....	"	2 00
PLUMBAGO CAPENSIS. Clusters of pale blue flowers,	each,	25
" LARPENTÆ. Clusters of deep blue flow's,	"	25
*PRIMULA VERIS, or English Polyanthus,.....	per doz.,	1 50
VERBENAS. Good varieties, without names,.....	"	1 00
VINCA ROSEA and ALBA. Periwinkle,.....	each,	25
*SWEET WILLIAM. Hunt's Auricula-flowered.....	"	25

SUMMER CLIMBERS.

Six varieties for $1 00.

These are very useful for temporary decoration, growing luxuriantly during the season, and well adapted for clothing unsightly places.

COBŒA SCANDENS. Large purple, bell-shaped flowers, of vigorous growth. Price 25 to 50 cents each, according to size.

IPOMŒA LEARII. Large bright blue, 20 cents.

LOPHOSPERMUM HENDERSONII. Rose color.

MAURANDIAS. Var., white, blue, pink, very graceful, rapid climbers.

THUNBERGIAS, (*of sorts.*) White, buff and orange.

Hardy Herbaceous Plants.

In addition to the varieties already enumerated, there is a large class of hardy plants, *free blooming*, suitable for the flower borders; indeed they are indispensable to keep up a continuous bloom and variety. Prominent among these are the Chrysanthemums.

CHRYSANTHEMUMS.

Small plants, $2 per doz.

This favorite autumn flower, since the addition of so many choice varieties, has become still more popular. The Dwarf or Pompone sorts are sufficient themselves to form a choice bouquet, such is the variety of color and form embraced by them. The Pompones are particularly suited to pot-culture, while both large and dwarf are perfectly hardy, and form beautiful objects in the open garden.

LARGE FLOWERING VARIETIES.

AIME FERIERE. Silvery white.
ALBA MULTIFLORA. Fine white.
ANTOINETTE SMITH. Straw color.
AURORA. Fine yellow.
AUREA MULTIFLORA. Large golden yellow.
BARON DE SOLON. Deep carmine.
BELLA-DONNA. Yellow, shaded with red.
COMPETITION. Pure white.
COQUETTE. Rosy blush.
CRIMSON VELVET. Fine large crimson.
HERCULES. Crimson red.
HER MAJESTY. Silvery lilac.
HERMIONE. Blush.
KENILWORTH. Lilac, yellow tip.
MAD. GUILLAUME. Silvery rose.
MARGARETTA. Pale sulphur.
MRS. HOLBURN. Cupped white.
MRS. JAY. Yellow shaded with carmine.
MT. ÆTNA. Large fiery red.
MT. VESUVIUS. Purplish crimson.
PRINCESS OF WALES. Large white.
QUEEN. Deep blush.
RANUNCULUS. Bright crimson, beautifully incurved.
ROMANA. Buff, shaded crimson.
TEMPLE OF SOLOMON. Yellow.
VIRGIN QUEEN. Large white, incurved.

POMPONE OR LILIPUTIAN VARIETIES.

ASMODEUS. Fiery red.
AURORA TOULOUSEINNE. Canary yellow, daisy flowered.
BOB. Crimson, fine.
CARMELITE. Carmine, shaded lilac.
CHAMELEON. Yellow, shaded blush.
CHRISTIANA. Straw color, lower side of petals crimson.
DANÆ. Golden yellow.
DORIA. Orange yellow.
DURUFLET. Blush, shaded rose.
FAVORITA. White, yellow centre.
FLEURETTE. Fine crimson.
LA FIANCE. Pure white.
LAURA. Dark purplish crimson.
LOUIS HONARETY. Crimson, on a yellow base.
MARIA. Dark crimson.
MAD. DE PALEVILLE. Clear rose.
MAD'LLE. DE ROQUETTE. Rosy lilac.
MINIATURE. Orange red.
MIGNONETTE. Orange.
MONS' MESNIER. Blush.
MONS' MIRET. Yellow tipped with crimson.
RAGOZZA. Yellow, rosy tip.
REINE DE PANACHE. Lilac, white.
ROI DE LILIPUT. Maroon.
ROSETTA. Rose.
SACRAMENTO. Straw color.
SOLEIL D'OR. Golden yellow.
THERESITA. Deep lilac.
TREVENNA. Fine white.
ZEBRA. Purple and white.

JAPAN CHRYSANTHEMUMS.

With peculiar fringed or tasseled flowers a distinct and novel variety.

LACINIATUS.—Pure white, quilled and firinged edges.....30 cts.
JAPONICUM.—Resembling in shape and color artificial tassels of crimson and gold.....30 "

HYBRID JAPANESE CHRYSANTHEMUMS.

Of great size, peculiar form, and color.....50 cts., each.

DUC DE LUYNES—Copper color, pointed with golden yellow.
GUSTAVE REY—Deep chamois, lightly pointed with white.
LA COQUETTE—Blood red, maculated with golden yellow.
MADAME GODILLOT—Reddish brown, large flower.
MR. BONNET—Very dark, large flower.

HERBACEOUS PÆONIAS.

This interesting genus contains many magnificent flowering plants. They are tuberous-rooted and quite hardy. To insure a bloom the first season, it is necessary to plant in the autumn. The following are among the most desirable, embracing all shades of color, from a pure white to a deep crimson :—

ALBA PLENA. Double white,.....each 30 cts.
BARON ROTHSCHILD. Large pale rose,..... " 50 "
DUCHESSE D'ORLEANS. Dark rose, tinged with buff,. " 50 "
DUCHESSE D'NEMOURS. Rosy lilac, ... " 50 "
EDULIS SUPERBA. Dark rose, fine,.. ..... " 30 "
ELEGANS. Pale blush, lilac shade,..... " 30 "
FRAGRANS. Dark rose, fragrant,..... " 25 "
HUMEII. Large pink,..... " 25 "
LINGULATA. Pure white, ... " 50 "
MAIDEN BLUSH. Pink, fine and large,..... " 50 "
ODORATA. White, yellow centre,..... " 50 "
OFFICINALIS, RUBRAPLENA. Deep crimson,..... " 40 "
POTSII. Very large, blush,..... " 50 "
QUEEN VICTORIA. Rose,..... " 50 "
REVESII. Crimson purple,..... " 50 "
TENUIFOLIA. Fennel leaved, deep crimson,..... " 50 "
VIRGINALIS. Pure white,..... " 50 "
WHITLEYII. Fragrant white,..... " 30 "
12 New French Varieties,.....per doz., $5 00

HYDRANGEA HORTENSIS.

A well known and favorite old plant, producing large heads of pink flowers, in great profusion; the color of which can be changed to a beautiful blue, by mixing the iron scales or sparks, from a blacksmith's shop among the soil. It thrives best in a shady situation, with a plentiful supply of water—with slight protection it has endured the severest winters around Philadelphia.—Price of plants, from 25 cts. to $1.00.

HYDRANGEA HORTENSIS VARIEGATUS. Beautifully variegated foliage green and white, tenderer than the above variety. 50 cts. each.

PHLOX.

(*Hardy Perennial.*)

The beauty of the Phlox is not yet sufficiently known and esteemed. For their brilliant trusses of flowers, comprising all shades of color, from white to crimson, striped and mottled, they have few, if any, superiors among hardy perennial plants. They should be divided and re-planted, in fresh prepared soil, each alternate year.

Price 30 cents each; $3 00 per dozen.

DR. BEQUIN—Blush, shaded lilac, crimson eye.
ECLAIR—Deep crimson, purple eye.
EBLOUISANT—Mottled carmine, and rose, large.
ELIZA PELE—Carmine, mottled with purple, fine.
ENERLEY—Brilliant crimson, dark centre.
FLORINA—Deep rose, large crimson eye, fine.
GERARD—Clear rose, carmine eye, large truss.
GERTRUDE—Lilac, shaded with white, deep purple eye, *extra.*
HEBE. Mottled lilac, large crimson eye.
LE SULTAN—Purplish crimson.
MAD'M AUBERT—White, shaded and veined with violet.
LE LION—Mottled lilac, and rose, carmine eye.
MAD'M PECOUL—Carmine, mottled with white, purple eye.
MAD'M LE COURT—Brilliant carmine, crimson eye.
MAD'M DE METENIER—White, mottled with rose, fine.
MR. FORREST—Carmine, shaded with crimson.
NAPOLEON III—Extra, fine striped.
OSIRIS—Pure white, violet eye, fine.
PRINCESS MATHILDE—Light violet purple, fine.
PRINCESS DE FURSTENBERG—Very large white, carmine eye.
PRINCE TROUBETZKOI—Deep rose, crimson centre.
RAPHAEL—Rose, crimson eye.
SURPASSE MARIE BELANGER—Large white, purple eye.
TRIUMPH DE JOIGNEAUX—Mottled rose and carmine.
VICTOR HUGO—Rose, shaded with lilac, crimson eye.

PENSTEMONS.

This beautiful class of half hardy perennials are deserving of a prominent position among our border plants; with a slight protection they will endure our northern winters. They grow in neat, compact plants from 18 inches to two feet high; with spikes of Gloxinia-like flowers, shaded and mottled in all colors of white, blue, scarlet, crimson, and pink; in bloom from June to October. The following are the latest importations. Price 30 cents each; $3 00 per dozen.

BEBE.
FASCINATION.
F. DECAISNES.
GEORGE SAND.
JULES BRETAGNE.
LEONIE VAINCLAIR.
MR. MEMMINGER.
MELANIE LALOUETTA.
MON. CAPRICE.
MONS. PERRAS.
PROFESSOR LECOQU.
TRESSOR DE MASSIFS.

FUNKIA, (Day Lily).

Hardy Herbaceous Plants with Lily-like flowers.

FUNKIA JAPONICA—Large, pure white, fragrant flowers, which open daily in the month of August. Leaves broad ovate, nerved .....50 cts.

FUNKIA JAPONICA—Blue flowers.....50 "

" PLATAGINIFOLIA—Dwarf, with variegated foliage. 30 "

" LANCEOLATA—Variegated foliage.....30 "

DELPHINIUM FORMOSUM.

(*Perennial Larkspur.*)

One of the finest hardy herbaceous plants in cultivation, flowers in spikes of the most brilliant deep blue, marked by a white spot in the centre of each floret. They will flower, if not allowed to produce seed, from July to November, Price 25 cents each.

DELPHINIUM MONS. MEUNER Differing from the above in being more dwarf, and a lighter shade of blue. Price 25 cents each.

DELPHINIUM CHINENSIS PUMILUM. Azure blue, dwarf, free bloomer. Price 25 cents each.

PRIMULA ACAULIS CANDIDISSIMA PLENA.

(*Double White Primrose.*)

This favorite flower succeeds best in a cold frame or cool greenhouse. The flowers are very desirable for bouquets during the winter and spring months, being double and pure white. Price 50 cents each.

PRIMULA ACAULIS LILLACINA PLENA. A double lilac variety of the above. Price 50 cents each.

DOUBLE VIOLETS.

(*Viola Odorata.*)

NEAPOLITAN. Light blue, large and fragrant.....per doz., $2 00

IMPERATRICE EUGENIE. Deep violet..... " 2 00

DOUBLE WHITE..... " 3 00

SCHOENBRUN. Single, very fragrant, deep blue, free bloomer..... " 2 00

QUEEN OF VIOLETS. (New) very double, white shaded blue, exceedingly fragrant...50 cts., each, per doz., $5 00

REMONTANT, OR MONTHLY CARNATION.

Very desirable for their free blooming qualities during the winter and early spring months. Young plants set out in the garden, will bloom profusely during the summer months, and if lifted and potted in the fall, will continue blooming the entire winter. The following sorts can be recommended. Price 30 cents each.

Strong young plants in the spring, $3 per dozen; large plants in the fall, $5 per dozen.

AMATEUR. White, striped with rose.
ANNIE OF AUSTRIA. Blush, striped with crimson.
ASTORIA. Yellow ground with scarlet.
ATTRACTION. White, striped with maroon.
BRIGHTNESS. Rich dazzling scarlet.
BUNKER HILL. Large deep crimson.
DEFIANCE. Crimson, shaded with purple.
FLAT-BUSH. Pure white.
GENERAL GRANT. Pure white.
GIANT. Large maroon.
LA PURITE. Deep carmine, the finest and freest flowering.
MAD'LLE MION. Crimson, maroon stripe.
MAD'LLE VERNAY. Light buff, carmine stripe.
MONTE ROYAL. Pink, striped with scarlet.
MT. ST. BERNARD. Maroon.
MON TRIOMPHE. Lilac, shaded with crimson.
PRESIDENT DE GRAW. White.
ROSALIE. Orange, striped with purple.
STAR. Pink, mottled with white.
UNIQUE. White.
VAILLANTE. Scarlet, free flowering.
VULCAIN. Scarlet, large.

PINKS, (Dianthus.) 25 Cents Each.

SARAH HOWARD. White hybrid, free bloomer.
GERTRUDE. Rose, maroon centre.
LAURA WILMER. White, edged with maroon.
SEMPERFLORENS. White, maroon centre.
VERSCHAFFELTII. White, ribboned with crimson.

THE ROSE.

The Rose still maintains its position as the most attractive of flowers. Every year adds a large number of varieties to our extended lists, new at least in name, if not in character; and it shall be our especial endeavor, after careful comparisons, to point out such of them as show a decided improvement in their leading characteristics over pre-existing varieties.

Our collection of Roses is now admitted to be one of the most complete, having been enriched, by direct importation, with the latest popular sorts. The repeated award of the highest premiums by the Pennsylvania Horticultural Society is sufficient evidence of their merit.

EVER-BLOOMING ROSES cannot be secured unless the plants are kept in a vigorous growing condition. To derive the greatest enjoyment from rose culture, beds should be prepared exclusively for their benefit.

A fresh loamy soil, enriched with well-rotted cow-manure, we have found the best, and their fertility preserved by yearly top-dressing with well-rotted manure.

Protection. Many of the most desirable of the free blooming roses are liable to injury from severe winters, and are covered with straw, &c., to protect them from heavy frosts. The simplest and surest method is to bend down the stem, and peg them close to the ground, then draw the earth over them, so that they will be covered about one inch deep. Where they stand so close as to render it difficult to cover in this manner, additional soil or sand should be procured to effect a thorough protection.

Pruning is also very essential to insure a successful bloom from year to year. Without this care, the bushes will become feeble, stunted and enveloped in thick, half dead brush, and the flowers will be few and imperfect. With proper management, on the contrary, the plants may be kept healthy, vigorous, and afford yearly a profusion of fully developed and beautiful flowers.

REMONTANT, OR HYBRID PERPETUAL ROSES.

This class is very popular, combining the vigor of the hardy garden rose with the frequent blooming qualities of several other classes; some of the sorts are also very fragrant. The following is a select list of *the latest introductions*, all on their own roots.

Price 75 cents each; $7 50 per dozen.

ABBE BERLESE—Cherry shaded with carmine.
ACHILLE GONOD—Bright carmine.
BARON PREVOST MARBRE—Rose, marbled with carmine.
BELLE ROSE—Clear rose, globular.
DENNIS HELYE—Rosy carmine, superb.
JEAN ROSENCRANTZ—Coral red.
KING'S ACRE—Large full vermilion.
MADAME CHARLES VERDIER—Very large, clear rose.
" ELIZA VILMORIN—Vermilion, shaded maroon.
MAD'LLE AMELIA HALPHEN—Beautiful rosy carmine.
MONSIEUR DE PONTBRIAND—Dark crimson.
RED BOWER—Dark rose.
SEMIRAMIS—Pale rose, globular.
DR. ANDRY—Carmine, imbricated.
GEN'L HAUPOULD—Rosy scarlet.
JULES LAVAY—Rosy blush.
MADAME ANDRE LEROY—Rosy salmon.
MAD'LLE LEONIE PERSIN—Rose, silvery shade.
" THERESE LEVET—Brilliant rose.
" LOIDE DE FALLOUX—White, shaded with rose.
MON'S BONCENNE—Blackish purple.
PRINCE EUGENE BEAUHARNAIS—Fiery-red, shaded purple.
ROSA-MUNDI—Clear rose.
SOUV'R D'UN MERE—Rose cherry centre.
TELEMAQUE—Purple.

HYBRID PERPETUAL ROSES.

Select list of older varieties. Price 50 cents each; $5 per dozen.

ALPHONSE DAMAZIN. Brilliant crimson.
ANNA DE DIESBACH. Pure rose, beautifully cupped, and very large.
AUGUSTA MIE. Rose, fine form, large.
BARONNE PREVOST. Suberb rose, large.
" ROTHSCHILD. Fiery-scarlet.
BEAUTY OF WALTHAM. Rosy crimson.
CARDINAL PATRIZZI. Dark, velvety crimson.
COMTESSE DE CHABRILLIANT. Pink, large, elegantly cupped, and very fragrant.
CHAS. WOOD. Rosy, scarlet.
DEUL DE PRINCE ALBERT. Dark crimson.
DOCTEUR ARNAL. Bright rosy red, free bloomer.
EUGENE APPERT. Brilliant crimson, fine.
GEANT DES BATTAILLES. Bright scarlet, superb.
GENERAL JACQUEMINOT. Large size, full, brilliant red.
" WASHINGTON. Brilliant red, very fine bloomer.
JULES MARGOTTIN. Carmine, shaded purple.
LA REINE. Clear rose, superb.
LAURENT DES COURT. Purple, reverse of petals, rose.
LE RHONE. Scarlet, fine.
L'ENFANT DU MONT CARMEL. Dark purple.
MADAME VICTOR VERDIER. Bright scarlet.
" CHAS. CRAPELET. Beautiful cherry.
MARSHALL VALLIANT. Bright purple.
PRESIDENT LINCOLN. Deep scarlet.
TRIOMPHE DE L'EXPOSITION. Large red crimson, fine.
VAINQUEUR DE GOLIATH, Rosy scarlet.
VICTOR VERDIER. Large, full carmine, one of the best.

WHITE HYBRID PERPETUAL ROSES—on their own roots, $1.00.

LADY EMILIE PEEL..... 75
LOUISA DARZENS..... 75
MADAM'LLE BONNAIRE.
MADAM FREESMAN.
MADAM ALFRED DE ROUGEMONT. In clusters, slightly tinged with rose.
SŒUR DES ANGES. Very large, slight rose tinge.

BOURBON ROSES.

Price 40 to 50 cents each; $5 per dozen.

This class contains some of our choicest ever-blooming roses. They require but slight protection during the winter.

DUPETIT THUARS. Crimson.
HERMOSA. Pink.
JOS. GOURDON. Incarnate.
LOUISE MARGOTTIN. Pink, large flower, strong grower.
MARGUERITE BONNET. Pale flesh nearly white, large. 75.
MRS. BOSANQUET. Blush.
OCTAVIE FONTAINE. White and rose.
OMAR PASHA. Deep carmine.
PAXTON. Cherry rose.
SOUVENIR DE MALMAISON. Blush, large and fine.

BENGAL, CHINESE, OR DAILY ROSES.

The brilliant colors of many roses of this class, as well as their constant blooming and dwarf habit, render them great favorites for window-gardening and winter-blooming; they are also equally adapted for the flower-bed or pot-culture. The following select sorts are the most desirable. Price 30 cents each.

ABBE MOILAND. Reddish purple.
AGRIPPINA. Deep crimson.
ARCHDUKE CHARLES. Changeable.
CELS. Blush.
EUGENE BEAUHARNAIS. Crimson.
INDICA ALBA. White daily.
LAWRENCIA. Miniature rose.
LUCULLUS. Dark crimson.
LOUIS PHILIPPE. Crimson and rose.
PINK DAILY.

TEA-SCENTED ROSES.

To the free blooming habit of the Bengal section, the Tea-Scented Rose adds the delicious perfume which gives them their title. While they are not so hardy north of this latitude as the classes already noticed, if covered, they will stand the most severe winters. The following are desirable. Price 40 to 50 cents each.

ADELE JOUGANT. Canary yellow. 75 cents.
ALBA ROSEA, (new). White, with rose centre, very double.
AMABILIS. Rose.
AMERICA. Creamy yellow.
ARCH DUCHESSE THERESA. Yellowish white.
CANARIE. Yellow.
DEVONIENSIS. Creamy white.
GLORIE DE DIJON. Blush & yellow.
HOMERE. Rose, salmon centre.
MAD. BRAVAY. Pure white.
" WILLERMOZ. White.
" VATRY. Deep rose.
MARECHAL NEIL. Deep yellow. $1 to $1.50.
OLYMPIE DE FRACINAY. White, shaded with yellow, fine.
SAFFRANO, Saffron yellow.
SOUVENIR D'UN AMIE. Large rose.
SOUV'R DE M'LLE GENIE PERNETT. White, shaded salmon.
TRIOMPHE DE LUXEMBURG. Rose.

NOISETTE ROSES.

These roses are free blooming, flowers in clusters, of taller habit than the foregoing classes; some of them are very fragrant. Those marked with a * are adapted for training to trellises and pillars. Price 40 to 50 cents each.

*AUGUSTA. Pale yellow.
AMIE VIBERT. Pure white.
BEAUTY OF GREENMOUNT. Cherry.
CELINE FORRESTIER. Yellow. 75.
*CHROMATELLA. Cloth of Gold.
MAD. DESLONCHAMPS. Blush.
*FELLENBERG. Crimson.
*LAMARKE. Creamy white.
LA PACTOLE. Pale yellow.
OPHIRE. Buff.
*SUPERBA. Blush.
*ORLOFF. Pink.
CAROLINE MARNIESSE. White.
PHALOE. Buff and rose.
MAD'LLE ARISTIDE. Buff.
*JAUNE DESPREZ. Rosy buff.
*MONSTROSA. Blush.
*SIR W. SCOTT. Deep rose.
*SOLFATERE. Yellow.
*WASHINGTON. White.
MAD. HERMANN, (new.) Fine rosy salmon.

PERPETUAL MOSS ROSES.

Price 75 cents each.

SALET. Light rose, free. MAD. EDW'D ORY. Deep rose, large.

EUGENE GUINOISSEAU. Very mossy, cherry, violet shade. $1 00
MICAELA. Rosette form, bright cherry..... 1 00

ANNUAL MOSS ROSES.

Price 60 cents each; $6 00 per dozen.

BLANC. White.
CRISTATA. Crested.
ENGLISH MOSS. Very mossy.
PRINCESS ADELAIDE. Rosy lilac.
REINE BLANCHE. Pure white.
WILLIAM LOBB. Purplish violet.
ARTHUR YOUNG, (new.) Brilliant purple.
HENRY MARTIN, (new.) Brilliant carmine.

PRAIRIE ROSES.

Very hardy climbers. Price 50 cents each.

BALTIMORE BELLE. Blush.
PRAIRIE QUEEN. Deep rose.
TRICOLOR. Lilac, rose, edged with white.

MISCELLANEOUS CLASSES.

Price 50 cents each.

*GREVILLA, or Seven Sisters. In clusters changeable.
*HEBERMONT. Musk cluster, white, very fragrant.
*WHITE MICROPHYLLA. Creamy white.
*WHITE MUSK CLUSTER. Pure white, very fragrant.
MADAME PLANTIER. Pure white.
LAURA DAVOUST. Blush.
GEORGE IV. Dark purple.
SWEET BRIER. Rosy pink, 30 cts.

GREEN-HOUSE PLANTS.

The distinction between green-house and hot-house is not so marked in our climate as it is in Europe. Our warm summers and bright winters enable us to cultivate successfully in the green-house many plants that are in Europe confined to the hot-house. Still we are convinced that in selecting plants, errors are frequently committed, and plants are purchased and placed in the green-house that are not capable of flourishing in the temperature there maintained, and much disappointment has, in consequence, been experienced. We, therefore, offer a brief list of such plants as will grow and flower in the green-house, where the temperature is not allowed to fall lower than 38 degrees at any time, but where it may be allowed to rise 75 or 80 degrees during the day, with bright sun. It may also be remarked, that the mode of management influences the heat required. Plants inured to dryness will stand a low temperature without injury, where the same plants, freely watered and kept in a damp atmosphere, would be severely hurt, if not destroyed.

LIST OF GREEN-HOUSE PLANTS.

ABUTILON,	CORREA,	LANTANA,
ACACIA,	CORONILLA,	LINUM,
AZALEA,	DAPHNE,	PELARGONIUM,
BEGONIA,	EPACRIS,	PRIMULA,
BOUVARDIA,	FUCHSIA,	SALVIA,
CACTII,	GARDENIA,	STEVIA,
CALCEOLARIA,	JASMINUM,	PASSIFLORA,
CAMELLIA,	HABROTHAMNUS,	TROPÆOLUM,
CHOREZEMA,	HELIOTROPE,	VERONICA,
CINERARIA,	HETEROCENTRUM ROSEUM,	VINCA.

A selection made from the many varieties of the above will provide a fair amount of blossoms during the whole year.

FUCHSIAS.

Or, as they are popularly called, "LADY'S EAR DROP," constitute one of our most graceful tribe of plants. The Double Corolla varieties are of a more recent introduction. They all require a shady situation, and rich, loose, loamy soil, if bedded out.

Price 30 cents each. $3 per dozen. Large plants 50 cents each.

A selection of choice Single Corolla varieties.

ANNIE, (Banks.) Tube and sepals white, corolla deep rose.

AURORA. Large saucer shaped purple corolla, reflexed scarlet sepals.

AMALIE FRANK. Carmine corolla, white tube and sepals, with green tips.

BRILLIANT. Beautiful purple, globular shaped corolla, scarlet sepals.

CLAPTON HERO. Large scarlet sepals, plum corolla.

CONSTELLATION. Bluish violet, saucer shaped corolla, scarlet sepals.

CHARMING. Very large, solferino saucer shaped corolla, scarlet sepals.

ESTELLA. White sepals, pink corolla.

GOLDEN PLOVER. Variegated foliage.

GLORIE DES MARCHES. Crimson sepals, purplish lilac corolla, striped with crimson.

HECTOR. Dark purple corolla, veined with crimson, well reflexed crimson sepals.

MADAME LAMBERT. Very large amaranth sepals, scarlet corolla

MAZEPPA. Blush tube, rosy salmon corolla.

MARGINATA. White sepals, pink corolla, edged with deep rose.

PRINCESS OF WALES. Crimson sepals, large violet blue corolla.

PRINCE IMPERIAL. Dwarf, corolla dark purple, scarlet sepals.

PURITANI. White corolla, carmine sepals.

ROSE OF CASTILE. Blush white, carmine corolla.

REINE BLANCHE. White sepals, salmon rose corolla.

RHODERIC DHU. Large blue corolla, sepals, salmon tinted scarlet.

SUNSHINE. Large magenta saucer shaped corolla, crimson sepals.

SENATOR. Large crimson tube, violet corolla.

SOUVENIR DE CHISWICK. Rosy crimson tube, violet corolla.

FUCHSIAS, WITH DOUBLE COROLLA.

BERANGER. Magenta corolla, carmine sepals.
CONSELLIER DESIRALL. Bluish lilac corolla, crimson sepals.
ELM CITY. Sepals enclosing corolla forming rich crimson balls, and dwarf compact habit.
EMPEROR OF THE FUCHSIAS. Sepals crimson, white corolla, large and fine.
FLORINA. Large dark plum colored corolla, crimson sepals.
GLORIE DES BLANCHES. Very double white corolla, crimson sepals.
LORD PALMERSTON. Large bluish purple corolla, scarlet sepals.
MADAM CROUSE. White corolla, very long scarlet sepals.
MANDARINE. Superb scarlet sepals, plum corolla.
MARIA CORNELLISON. Crimson sepals, white corolla.
MASTADONTE. Immense flower of globular shape, deep crimson sepals, very dark corolla.
SIR COLIN CAMPBELL. Scarlet tube, dark purple corolla.

SHRUBBY CALCEOLARIAS.

They are suitable for pot-culture or bedding out in shady borders. Price 25 cents each.

DANIEL O'CONNELL. Bright yellow.
ELDORADO. Bright golden orange.
METEOR. Crimson.
RUGOSA MINOR. Yellow, large clus.

PELARGONIUMS, OR FANCY GERANIUMS.

Are considered among the most beautiful plants for green-house or room-culture, easily grown, and presenting in their varied, as well as exquisite tints and pencillings, attractions which few other plants possess. One dozen choice varieties, $4 50.

NEW SPOTTED PELARGONIUMS.

Imported this season from the celebrated collection of Wm. Bull, London, who describes them as having been "obtained by carefully hybridizing the attractive French kinds with the best varieties of the most eminent English raisers; so that while possessing the rich and varied colors of the French sorts, combined with their immensely free flowering character, they partake of the shape of the English varieties; they have also the advantage of having the spots more clearly and purely defined than is usually the case with the foreign sorts." Price $1 each; or $10 for the dozen.

BALTIC. Crimson, scarlet.
CHARMER. Crimson, white centre.
CLARENCE. Maroon and rose.
COMPETITION. Black, edged with rose.
CORONET. Crimson and rose.
GRACE. Maroon, bright rose.
HOLBIEN. Maroon, purple and crimson.
INVINCIBLE. Crimson, with white.
LA VESUVE. Dark crimson.
MONARCH. Maroon, crimson and rose.
NIAGARA. White, crimson.
PRINCEPS. Crimson, white centre.

CAPE JASMINES.

Are desirable for their pure white, and delightfully fragrant flowers, blooming in May, June and July, at a season when pure white flowers are scarce, they are highly prized in Brides' Bouquets, Wreaths, &c. Price 25 cts. to $1 each, the varieties are.

GARDENIA FLORIDA.
" FORTUNII.
G. CAMELLIA FLORA.
G. RADICANS.

RHYNCOSPERMUM JASMINOIDES.

A beautiful green-house plant: with glossy evergreen foliage and masses of pure white Jasmine-like flowers, in bloom about May and June. It is of a climbing habit, and presents a beautiful appearance when properly trained; is also a very desirable flower for bouquets, &c. Price 50 cts. to $1 00 each.

NIGHT BLOOMING JASMINE.

Cestrum Parqui.

A favorite plant, for the delightful odor of its otherwise unattractive greenish-white flowers; of easy cultivation. Price 30 cts. each.

VERONICA.

A free flowering plant with dense spikes of flowers. Price 35 cents each.

ANDERSONII. Violet and white.
GLORIE DE LYON. Rosy crimson.
VARIEGATUM. Variega. foliage.
RUBRA SPLENDIDA. Rich car.
TRIUMPH DE MEAUX. Deep purple.

CAMELLIA JAPONICA.

The following list comprises the most popular varieties of this favorite winter-blooming plant. The prices vary, according to size, from 75 cents to $10 each.

ALBA PLENO. Double white.
ALBA PLENO FIMBRIATA. Fringed edges.
ALBA PLENO IMBRICATA. Fine white.
ALEXINA. Blush, striped rose.
CALEB COPE. Blush rose.
CANDIDISSIMA. Creamy white.
CHALMERI. Clear rose.
DUCHESS D'ORLEANS. White striped with crimson.
GILESII. Red and white, fine.
HENRI FAVRE. Salmon rose.
IMBRICATA. Crimson, spotted white.
JEFFERSONII. Deep crimson.
JENNY LIND. White with occasional flakes of rose.
LADY HUME'S BLUSH. Peach color.
LANDRETHII. Beautiful pink.
MAGDALENA LESHII. Crimson, spotted with white.
MRS. COPE. White, pink stripe.
PRINCE ALBERT. Blush, striped.
REINE D' FLEURS. Crimson.
SARAH FROST. Rosy crimson.
SACCO MAGNIFICA. Pale rose.
SHERWOODII. Light crimson.
TRICOLOR. Blush, crimson & rose.
WILDERII. Clear rose, fine.
WILLIAM PENN. Dark red.
WILLIAM IV. Fine rose.

PLANTS FOR HANGING BASKETS, VASES, &c.

The growing of plants in hanging vases has become quite popular. They are made of various forms and material, from the common earthenware to the finest China and terra-cotta, ornamental and gilt; also of wire and rustic work, varying in price, from 50 cents to $5 each. The following plants are suited for planting in them, on account of their slender habit and trailing branches. They should be planted in a rich, porous soil, and kept freely watered.

ACORUS. Gramineœus variegatus	25	cents	each.
BEGONIAS, of sorts, from	30 to 50	"	"
FERNS, of sorts, from	30 to 50	"	"
FICUS REPENS	20	"	"
ISOLEPSIS JUNCIODES. Ornamental grass	15	"	"
IVY. Large leaved, variegated	30	"	"
" Small leaved, variegated	30	"	"
" Small cut leaved	30	"	"
LINARIA CYMBALLARIA, or Kenilworth Ivy	15	"	"
LYCOPODIUM DENTICULATUM	10 to 25	"	"
" CÆSIUM	25	"	"
" SCHOTTI	25	"	"
" WILDENOWII	25	"	"
LYSIMMACHIA NUMULARIA	15	"	"
SAXIFRAGA SARMENTOSA	15	"	"
SENECIO (MICANIA) SCANDENS, or Parlor Ivy	15	"	"
VINCA ELEGANTISSIMA VARIEGATA	20	"	"

SAXIFRAGA TRICOLOR.

One of the most beautiful of variegated leaved plants. It is a variety of the well-known S. sarmentosa, having leaves distinctly marked with white, green and reddish purple spots. For hanging baskets, rock work or vases, the old variety, even with its plain leaves, was always a favorite, but the effect produced by this finely marked variety is surpassingly beautiful. Price, 50 cts. each.

CISSUS DISCOLOR.

We can recommend this as one of the most beautiful of our variegated foliage plants, and is particularly adapted from its climbing habit, for twining around rustic and hanging baskets during the summer months, it requires a hot-house during the winter. Price, 30 to 50 cents each.

SELAGINELLA DENTICULATA VARIEGATA.

New Variegated Lycopodium.

Suitable for hanging baskets and vases; the branchlets are pointed with white, looking in the winter as if tipped with snow; during the summer it assumes a somewhat greener aspect. 50 cts. each.

HOT-HOUSE PLANTS.

We have a select assortment of the most popular, comprising such varieties, as:

Achimenes,
Alamanda,
Bletia,
Begonia,
Bignonia Venusta,
Caladiums,
Centradinia,
Cissus,
Coleus,
Clereodendron,
Croton,
Cypripedium,
Dracena,
Eranthemum,
Euphorbia,
Ficus,
Gloxinia,
Hibiscus,
Hoya,
Lasiandra,
Pleroma,
Pitcairna,
Passiflora,
Rochea,
Strelitzia,
Thunbergia Laurifolia,
Torennia,
Ferns, and
Lycopodiums.

Summer Flowering Bulbs.

☞ The most prominent in this section are the rare and beautiful

FRENCH HYBRID GLADIOLUS.

They are the most stately and effective of the whole genus; being of a robust erect growth, with green sword-shaped leaves and magnificent flower scapes, rising from two to four feet in height. The colors comprise the most brilliant of orange, scarlet, and vermillion tints upon yellow and orange grounds, including a graduated scale of intermediate shades, from white and rosy blush and salmon rose tints, to a salmon red and nankeen, from blush-white with purple crimson throat, and marginal streak of pink, to light rosy salmon grounds, with flakes of deep carmine. A succession of bloom may be had from July to September, by planting at intervals from April to June, reserving the strongest bulbs for the latest planting. Their culture is very simple: they will grow in any ordinary garden-mould, but succeed best in good earth, manured with well-rotted horse-dung. The bulbs are taken up in the fall and placed in a dry cellar, protected from frost.

A discount of ten per cent. from catalogue prices will be made when one dozen varieties are ordered. Twenty per cent. on one hundred varieties.

GLADIOLUS IN ASSORTMENTS.

Where the choice of varieties is left to us, the purchaser will generally fare better as to quality and price—as we have often a large stock of some of the finer and high priced varieties which we can include in these assortments. We offer the following assortments.

Invariably our Selection.

No. 1. Twelve good old varieties for.....$ 2 50
" 2. Twelve choice old " " 5 00
" 3. Twelve very choice " " 10 00
" 4. Twelve new and choice varieties from .....$20 to 30 00
Will be forwarded by mail, *carefully packed*, without additional cost.

NEW AND VERY CHOICE GLADIOLUS.

each.

BERNARD DE JUSSIEU. Violet ground, shaded and tinted with cherry and purple, stains purple on white ground, new and almost indescribable color $5 00

CHARLES DICKENS. Tender rose, tinted with chamois, blazed and striped with carminate rose 1 50

CHERUBINI. Large flower, perfect shape, white ground, largely blazed with carminate violet 2 00

DE CANDOLLE. Light cherry, blazed with red, fine shape 1 50

DR. LINDLEY. Ground tender rose, borders of the petals, very bright rose, blazed with cherry, large and fine 2 00

EDULIA. Lower division white, stained with violet; the upper division striated with white lines 1 50

EURYDICE. Pure white, blazed with bright carmine, large flower, perfect shape 3 00

FLORA. White ground, shaded with lilac, very long spikes, perfect shape 1 50

FULTON. Transparent velvet-like vermillion, bright purple stain, large flower, fine shape 1 50

HENRIETTA. White, tinted and blazed with lilac, dwarf 1 00

ISABELLA. Pure white, with large dark carminate violet stains, very fine spike 2 00

IMPERATRICE EUGENIE. White ground, blazed with rosy violet, very large flower, perfect shape 2 00

JAMES WATT. Bright vermillion, large pure white stain, striped with purple 1 00

JOHN WATERER. Light cherry, blazed with red, large white stains, striped with rose, large 2 00

JUNO. White, striped with lilac, purple stain 1 50

LA FIANCE. Very pure white, small bluish-violet stain, flower large and perfect 4 00

LADY FRANKLIN. White, tinged with rose, striped with carmine, and blazed with carminate rose 3 50

LEONARD DE VINCI. Purplish-rose, stains delicately striped with carminate rose on aurora ground, new color 1 50

LEONORA. Cherry red tinted with orange, large 1 00

MAD'ME BASSEVILLE. Cherry, purplish stain on white ground, white lines in the middle of each division 80

MADAME DE SEVIGNE. Light cherry, very largely stained and lined with pure white, fine 1 50

METEOR. Dark red, very brilliant, large stains of pure white. 2 00

MOLIERE, (S). Cherry red, with very large pure white stain, flower very large and wide 2 00

MAD'ME PERREIRE. Pure white, purple stain, white centre. 1 50

MADAME VILMORIN. Rose, lighted with white in the centre, shaded with darker rose and striped with carmine on white ground, large and fine 1 50

MEYERBEER. Very brilliant nasturtium red, blazed with vermillion, amaranth red stain, large flower, perfect shape, very long spike, vigorous and splendid plant, *extra* 3 00

each.

MILTON. White slightly tinted with rose, largely blazed with red, extra $3 00
MON'S BRONGNIART. Rose ground, slightly tinged with orange, blazed with red, very large white stain, *extra*. 4 00
MOZART. Bright rose, slightly tinted with violet, blazed with dark carmine, large pure white stains, very beautiful plant. 4 00
NEWTON. Dark crimson with white ground, largely lined with white, new shade 2 00
NELLY. White, blazed with carminate rose, large stain of carmine 80
PRINCESS MARIE DE CAMBRIDGE. White, with very large light carmine stain, large, well-opened flower, *extra*. 5 00
PRINCE OF WALES. Very bright fire-red, stain white, striped with violet. The finest of the red varieties 2 00
PRINCESS OF WALES. White, blazed with carminate rose, stain deep carmine 50
REVEREND BERKELEY. Light rose, tinged with violet and carminate, striped on white ground 2 00
SIR WM. HOOKER. Light cherry, rosy carmine stain, on pure white ground, large and well-opened flower 3 00
SIR JOS. PAXTON. Red, slightly tinged with light orange, finely striated with carmine on white ground 3 00
STUART LOWE. Rosy violet, stained and blazed with deep rose on white ground 1 50
ROSSINI Dark amaranth-red, lined and stained with white, flower large, perfect, very long spike 4 00
RUBENS. Bright vermillion, striped with carmine, whitish ground 80
SHAKESPEARE. White, very slightly blazed with rosy carmine, large rose stain, *extra* 4 00
STEPHENSON. Carmine, with white lines, splendid 1 50
THALIA. White, striped with carmine, large and fine 1 00
WALTER SCOTT. Bright rose, white ground, striped with rosy carmine 1 50

GENERAL COLLECTION OF GLADIOLUS.

ACHILLE. Currant-red, white lines ..... $ 80
ADELE SOUCHET. White ground, blazed with carmine 80
ADONIS. Light rosy salmon, carmine margin 25
AGLÆ. Bright shaded salmon, large 25
AMABILIS. Vermilion scarlet, dwarf 20
ANATOLE LEVANNEUR. Rosy violet, spotted with carmine, 50
ARISTOTE. Light rose, purplish crimson stripes 20
ARCHIMEDE. Large rich-flamed salmon red 20
BERTHA RABOURDIN. Pure white, carmine stain 1 00
BRENCHILIENSIS. Very fine rich scarlet 20
BERENICE. Pink, flaked with cherry: maroon stripes 30
CALENDULACEUS. Bright nankeen yellow 30
CERES. Pure white, stained with purplish rose, large 60

each.

CALYPSO. Rose, striped and blotched with carmine..... 40
CANARY. Clear yellow, shaded with rose 50
CLEMENCE. White ground, with rose and crimson flakes..... 50
COURANTI FULGENS. Very rich dark crimson..... 20
COMTE DE MORNY. Dark cherry, with white blotches, *extra.* 80
CHATAUBRIAND. Cherry, light ground, sometimes variegated. 30
CELINE. White and rose ground, carmine stripes..... 40
CUVIER. Amaranth, blazed with purple, large..... 50
DAPHNE. Light cherry, with dark stripes..... 40
DIANA. White flaked with dark red, very fine..... 60
DON JUAN. Orange and fire-red..... 20
DUC DE MALAKOFF. Orange red, blazed with lighter stripes, white ground..... 1 00
DANAE. White shaded with violet..... 50
DOCTOR ANDRY. Rich salmon scarlet; marked with dark red 30
EUGENE VERDIER. Dark carmine, purple shade, dwarf 40
ENDYMION. Clear pink, edged with rose, marked with deep crimson..... 50
EDITH. Rose carnation, dark stripes, large..... 30
EMMA. Light carmine spotted, dwarf..... 20
EGERIE. Light orange colored rose..... 25
ERNST DUVAL. Dark red, violet shade..... 80
ERATO. Pale rose, carmine stains..... 75
EUGENE DOMAGE. Very dark ruby scarlet, the darkest of all 80
FANNY ROUGET. Flesh-colored rose..... 20
GALATHE. Nearly white, with carmine stains..... 30
GOLIATH. Large, light red, carmine stains..... 25
HECTOR. Deep pink, flaked with cherry scarlet, good form... 25
HELENE. Lilac-tinged white, purple stripes..... 40
HEBE. Salmon-tainted white, flaked with rose..... 30
IMPERATRICE. Blush white, striped with purple..... 25
ISOLINE. Pale flesh and carmine, violet stain..... 50
JEANNE D'ARC. White tinged with rose..... 40
LELIA. Peach blossom, stained with lilac, fine..... 40
LOUIS VAN HOUTTE. Velvety carmine with purple..... 25
LORD RAGLAN. Rosy salmon, vermillion spots..... 60
LE POUSSIN. Light red, white ground, and very large white stains on the inferior divisions, extra..... 1 00
LE BARIOLE. Flesh, striped with carmine and violet, dwarf.. 30
LORD GRANVILLE. Pale yellow, striped with rose..... 30
MADAME HENRIQUE. Creamy white, flaked with purple..... 25
MADAME RABOURDIN. Rose, flaked with carmine, and slightly lined with white in the centre of the petals..... 1 00
MADAME PAILLET. Carmine and violet..... 40
MADAME DUVAL. Flesh color and violet, purplish carmine stains, dwarf..... 80
MADAME BINDER. White, carmine stripe, dwarf..... 80
MADAME EUGENE VERDIER. Deep cherry, bright purple stains..... 80
MADAME PELE. Delicate pink flaked with cherry..... 50

each.

MADAME HACQUIN. Blush, heavily flaked with lilac purple. 60
MADAME VICTOR VERDIER. Rich rosy salmon stained with crimson purple..... 50
MADAME DE VATRY. White, purplish carmine stains, very large..... 80
MADAME LESEBLE. Pure white, large purplish-rose stain... 80
MARIE. White stained with deep carmine, beautiful..... 80
MARS. Beautiful scarlet..... 40
MAC MAHON. Cherry tinted with salmon..... 60
MARIA DUMORTIER. White, slightly streaked with rose and violet purple, *extra*..... 1 00
MATHILDE DE LANVOISIN. White, carnation-tinted..... 60
MAZEPPA. Orange rose, yellow stains striped with rose..... 50
MIDAS. Vivid rose, mottled with cherry scarlet..... 50
MOLIERE. Dark red, with violet carmine; fine..... 1 00
MONS. BLOUET. Rose, shaded carmine..... 20
NEPTUNE. Rosy carmine, violet centre..... 30
NAPOLEON III. Very bright scarlet, white streak..... 60
NEMESIS. Bright rose, lined with white..... 30
NINON DE L'ENCLOS. Blush, mottled and striped with crimson..... 40
ORACLE. Cherry rose, brilliant and fine..... 40
OSIRIS. Dwarf, purple stained with white..... 40
OPHIR. Dark yellow, purple stain..... 80
OTHELLO. Light orange red, dwarf..... 25
PALLAS. Bright rose, striped with deep rose..... 30
PREMICES DE MONTROUGE Brilliant red, dwarf..... 25
PRINCESS MATHILDE. Beautiful rose, carmine stains..... 60
PELLONIA. Variegated rose, tinted with carmine..... 25
PENELOPE. Large flower, white and carnation..... 40
PEGASSE. Pink, flaked with salmon rose; very large..... 25
PRINCE IMPERIAL. White, with carmine, fine and large..... 80
REBECCA. White, striped with lilac..... 60
REINE VICTORIA. Pure white, violet carmine stain, large and fine, *one of the best, extra*..... 1 25
RAPHAEL. Deep vermillion centre, lighted with white..... 50
REMBRANDT. Very bright deep scarlet..... 50
ROBERT BLUM. Pale red, flaked with deep scarlet..... 20
SOLFATERE. Deep sulphur yellow..... 1 00
SULFUREUS. Sulphur yellow..... 50
TRIOMPHE DE ENGHIEN. Rich crimson, dwarf..... 20
THERESA. Rose, shaded with salmon, carmine stain..... 60
VALLEDA. Rose, lilac stain, large and fine..... 60
VESTA. Pure white, spotted with purplish carmine..... 40
VICOMTESS DE BELLEVAL. Flesh color, stained with violet. 80
VICTOR VERDIER. Brilliant dark scarlet, crimson shade..... 80
VULCAIN. Brilliant dark velvety crimson, purple shade..... 60

OTHER VARIETIES.

Per Doz.

GANDAVENSIS. (The original, and type of the foregoing varieties.) Bright scarlet and yellow.....15 cts. each. $1 50

FLORIBUNDUS. White and blush, striped with purplish crimson.....20 cts. each. 2 00

PSITTACINNUS. Parrot-colored, red, orange and green.....10 cts. each. 1 00

GLADIOLUS SEEDLINGS. Very fine colors..... 2 00

GLADIOLUS RAMOSUS.

Although an old variety, its culture is not generally understood, even among professional florists. We have found it one of our most valuable winter-blooming plants, as a bouquet flower. The bulb should be potted in June, in 5 inch pots, and as soon as the pots are filled with roots, shift into 7 inch pots; remove to the green-house upon the approach of cold weather. Bloom from December to April. Price 25 cts. each; $2.50 per doz.

TIGRIDIA, or TIGER FLOWER.

Natives of Mexico, producing flowers of exquisite beauty, and singularly curious shape, and the color of each variety gorgeous and purely contrasted, in bloom from July to October. After frost, take up the bulbs, and keep in dry place away from frost, until the time of planting in the Spring. The following are the most distinct and beautiful varieties. We have imported several of the so-called new varieties, but find them no improvement. Price, 10 cents each; 60 cents per dozen; $4.00 per 100.

CONCHIFLORA. Orange and golden yellow, spotted with dark crimson.

PAVONIA. Rich scarlet, tinged and spotted with yellow.

THE DOUBLE TUBEROSE

Is one of the most delightfully fragrant and beautiful of the summer-flowering bulbs, throwing up tall spikes of double white flowers two to three feet high, which remain in bloom a long period. It is now an indispensable article in making up a bouquet or basket of flowers at any time during the year, as by skillful management a succession of flowers can be obtained. For early flowers they can be started in February or March, in the green-house or hot-bed, and for a succession they can be planted at intervals as late as July. For flowering in the open borders, they can be planted about the 1st of May; they will then bloom in September. The bulbs we offer this season are very fine, and are certain to flower.

1st quality started in pots for early flowering,.....$3 per dozen.
1st " dry roots,.....$1.50 per dozen; $10 per 100.
2nd " " ..... 1.00 " 7 "

AMARYLLIS FORMOSISSIMA, OR JACOBEA LILY.

Spreikelia Formosissima.

This flower is of the most beautiful and rich crimson velvet color; the bulb generally produces two stems, the one after the other, about the end of May, or the first of June—the stem from 9 to 12 inches high surmounted by a single flower composed of six petals, three hanging down, three erect and recurved; the stamens droop on the centre of the under petals. The flower thus appears nodding on one side of the stem, and has a most graceful and charming appearance. Plant about the 1st of May. Price 30 cts. each; $3 per dozen.

VALLOTA PURPUREA SUPERBA.

A bulbous rooted plant, somewhat resembling an Amaryllis. It blooms in August, throwing up its strong stems about one foot high, with from five to eight brilliant scarlet lily-like flowers; very ornamental for bedding out, or cultivation in pots. $1.00 each.

MADEIRA, OR MIGNONETTE VINE.

Also known as the Mexican Vine.

Of rapid growth, suitable for covering arbors and trellis work. Flowers feathery white, with a fragrance resembling mignonette, 10 cts. each; $1 per dozen, started in pots, $2 per dozen.

LILIUM AURATUM, OR GOLDEN JAPAN LILY.

This superb Lily has flowers from 10 to 12 inches in diameter, pure white, with a golden band through the centre of each petal, and covered with brownish dots. It is most deliciously fragrant. It flowers freely, and is perfectly hardy. Flowering bulbs from $2 to $4 each.

LILIUM GIGANTEUM.

The largest of the Lilies, growing ten feet high, with a spike of white trumpet-shaped flowers with carmine streaks. Each, $5.00.

JAPAN LILIES.

(*Lilium Lancifolium.*)

These superb Lilies are perfectly hardy, flowering freely in July and August, forming one of the most striking objects in the flower-border: strong bulbs, for Spring planting, can be furnished as late as the 1st of April; after which time, they can be furnished in pots, for turning out into the border. They also flower finely in pots.

L.	Lancifolium	Album, white	each,	50
L.	"	Roseum, spotted rose	"	50
L.	"	Rubrum, white and red, spotted	"	50
L.	"	Monstrosum Album	"	$1 00
L.	"	" Rubrum	"	1 00

For other varieties, see Bulb Catalogue.

DIELYTRA SPECTABILIS.

One of the most popular of our tuberous rooted plants; it is perfectly hardy, and equally adapted to out-door planting, or forcing for early spring blooming. It will produce its showy racemes of delicate pink and white heart-shaped flowers, from February to April in the green-house; flowering in the open ground in May and June. 25 cents each.

HARDY FLOWERING SHRUBS.

These add materially to the beauty of the garden, furnishing a supply of fragrant flowers during spring and summer. 50 cts. each.

Spiræ, or Bridal Wreath.
Syringa, or Lilac, of sorts.
Calycanthus, or Sweet Shrub.
Pyrus Japonica.
Double Flowering Almond.
Deutzias, of sorts.
Snow Berry.
Mock Orange.
Weigelia Rosea.
Forsythia.
Double Flowering Peach.
Laburnum, or Golden Chain.
Double Chinese Cherry.
Rhus Cotinus (Mist Tree).
Magnolia.
Chionanthus, or White fringe tree.

DEUTZIA CRENATA PLENO.

A double variety of a well known species; flowers pure white, double, produced in drooping clusters from 3 to 4 inches in length; it attains a height of 6 feet, and is a most attractive plant. Price 50 cts. each.

SPIREA CALLOSA ALBA.

A dwarf variety, blooming freely as a monthly rose during the summer months, flowers pure white, in corymbs two inches in diameter. Price 50 cts. each.

HARDY VINES AND CREEPERS.

These are desirable for covering Arbors, Trellises, &c., and add much to the beauty of the garden. 25 to 50 cents each.

Virginian Creeper.
Pipe Vine.
Trumpet Creeper.
Clematis Flammula.
Ivy, of sorts.
Hop Vine.
White Jasmine.
Yellow Hardy Jasmine.
Honeysuckle, of sorts.
Passion Vine.
Glycine, or Wisteria.

LONICERA HALLIEANA.

A new White *Monthly Honeysuckle*, raised from seed sent from China, by Dr. Hall, who introduced the variegated Honeysuckle from Japan. It is *Evergreen*, resembling *L. splendida* or *L. Flexuosa*. Flowers Pure White, turning to yellow, with the fragrance of the Cape Jessamine and is covered with Flowers from June until November. It is a vigorous grower, and very hardy. Price 50 cts. each.

NEW VARIEGATED-LEAVED HONEYSUCKLE.

LONICERA BRACHYPODIUM AUREA RETICULATA. This is one of the recent introductions from Japan, the foliage beautifully variegated. Price 30 cents each.

FRUIT CULTURE.

The NATIVE GRAPE has latterly engrossed a large share of attention, and a greater impulse has been given to its culture by the valuable accessions which we yearly receive. Those old standard varieties, the Catawba and Isabella, are now mainly superseded by others that ripen earlier, and thus escape the fall frosts, which in many localities injure the crop, more especially the Catawba. The newer varieties are also more generally exempt from mildew, although there are possibly none that are entirely proof against its attacks at particular seasons. In flavor and quality of fruit the improvements are more marked, and in the Delaware and Rebecca we have a near approach, in this respect, to some of the famed foreign varieties. The following are considered the hardiest and best. Price from 50 cents to $1 each, according to size.

ADIRONDAC, black.
CATAWBA, red.
CONCORD, black.
CREVELING, purple.
DELAWARE, red.
DIANA, red.
HARTFORD PROLIFIC, black.
IONA, amber.
ISRAELA, black.
IVE'S SEEDLING, black.
MAXATAWNEY, white.
REBECCA, white.

MARTHA.—*White Concord.*

This new grape grown from the seed of the Concord, by Sam'l. Miller of Lebanon, Pa., promises to be one of the greatest acquisitions to our list of really hardy and good grapes, which have lately come before the public. Bunch medium, but compact and heavy shouldered; being pale yellow covered with a white bloom, round, pulpy, but sweet as honey; with only enough of the foxy aroma to give it character; juicy, very good. Strong one year-old vines *grown* in the open air. $5.00 each.

FOREIGN GRAPE VINES FOR GROWING UNDER GLASS.

We have a stock of all the best varieties grown from single eyes, one year old. 50 cts. each, $5 per dozen, except when noted.

Light Colored Varieties.

BOWOOD MUSCAT, $1.00.
AMBER MUSCAT.
CHASSELAS DE FONTAINBLEAU.
CHARLESWORTH TOKAY.
GOLDEN CHASSELAS.
GOLDEN HAMBURG, $1.00.
MUSCAT OF ALEXANDRIA.
WHITE FRONTIGNAN.
WHITE CONSTANTIA.
WHITE NICE.
WHITE SYRIAN.

Dark Varieties.

BLACK HAMBURG.
VICTORIA HAMBURG.
POPE'S BLACK HAMBURG.
LADY DOWN.
DAMASCUS.
BLACK PRINCE.
HAMBURG MUSCAT, $1.00.

THE STRAWBERRY.

The circumstances of soil and climate greatly influence the varieties of this fruit, both in its productiveness and quality; hence the wide difference of opinion upon their respective merits. Fortunately there are varieties enough to suit all soils and tastes, and each cultivator can, by careful experiment, discover which of the most popular varieties are suited to his circumstances. The best months for planting in this vicinity are September and October, for the autumn, and March and April in the spring; the spring months are generally preferred by all our extensive fruit growers; when planted in beds for garden culture the plants can be set from 12 to 15 inches apart, each way. For field culture the rows are about 3 ft. apart, and 12 inches in the rows. The following are now the popular and leading sorts.

PHILADELPHIA—Another year's trial has fully established the superiority of this variety over all others for an *early variety*. Its peculiarities are, vigorous growth, large fruit-protecting foliage, strong trusses; fruit large and firm, conical form, rich scarlet color, abundant bearer; flavor unsurpassed. In a word, all the essential qualities of a first-class Strawberry. It received the first premium at the Strawberry Show of the Pennsylvania Horticultural Society, June, 1867; also, a premium at the great Strawberry Fair at Hammonton, N. J.

PRICE OF PLANTS.

12 plants $1. 50 plants $3. 100 plants $5. 1000 plants $30.

WILSON'S ALBANY—The great market variety, one of the most profitable for field culture and for the market gardener.

100 plants $1.50. Per 1000 $8. 5000 $30. 10,000 $50.

	Per doz.	per 100	per 1000
AGRICULTURIST	$ 50	$ 2 00	$10 00
NEW JERSEY SCARLET	50	2 00	10 00
JUCUNDA, or 700	75	3 00	20 00
BROOKLYN SCARLET	50	1 50	10 00
FRENCH'S SEEDLING	50	1 50	8 00
RUSSEL'S PROLIFIC	50	1 50	10 00
TRIOMPHE DE GAND	50	1 50	10 00
DURAND'S SEEDLING	2 00	10 00	
METCALF'S EARLY	50	1 50	10 00

THE RASPBERRY.

The great difficulty heretofore in the successful cultivation of the Raspberry, has been, that nearly all the varieties under cultivation, were more or less tender, and could neither endure our severe winters, or the hot suns of our summers, without protection. The Antwerp, Hornet, Brinckle Orange and other finer varieties would seldom produce a crop. Fortunately we have now several of Native Origin—which have proved themselves perfectly hardy, and also remarkably productive.

The Philadelphia Raspberry.

For productiveness and as a profitable variety for field culture or the garden, this variety now takes the lead of all others; the plant is perfectly hardy, of strong growth, and bears regularly every season enormous crops. The fruit is of good size, of a purplish-red color, rich and juicy. We offer strong well rooted plants at the following prices. Per dozen $2.50. Per 100 $15.00. Per 1000 $140.00.

DUHRING RASPBERRY.

Is also one of the recent introductions; it is a seedling of the Hornet; fruit large, color dark red, very firm; flavor excellent. A great bearer, and hardy.

The *Gardener's Monthly*, October, 1866, speaks thus of this variety: "We are satisfied that it is superior to the Hornet, and as that is every where popular, we think the Duhring will be a good addition to our Raspberry list."

Messrs. Isaac Hicks & Sons, North Hempstead, L. I., in a letter dated 7th Month, 30, 1867, referring to this variety, says: "The Duhring Raspberry, is a great bearer, fine, large and good fruit." Price of plants. 50 cents each, $5.00 per dozen, $35.00 per 100.

CLARKE RASPBERRY.

Is a seedling raised by the late Mr. E. E. Clarke, of New Haven, Conn. It is believed that this variety will become a valuable one to the fruit grower; it is a perfectly hardy plant, retaining its foliage until killed by frost, hence ripening its wood and needing no winter protection; very productive, fruit large bright crimson, *not dropping as soon as ripe*, of the finest flavor, and sufficiently firm to bear transportation. We have a stock of very fine strong plants, which we offer at the following rates: each 75 cents; per dozen, $7.50; per 100, $50.

The following are superior varieties, but require a slight protection, during winter.

HORNET—A large French variety. Per dozen, $2.

BRINCKLE'S ORANGE—Per dozen, $2.

FRANCONIA—Per dozen, $1.50.

The following are also perfectly hardy and productive.

IMPROVED BLACK CAP. Per. doz. $1. Per 100 $5. Per 1000 $20.

DAVISON'S THORNLESS BLACK CAP. About the same size and shape as the Improved Black Cap, but a week or ten days earlier; the thornless character of the plant is a decided improvement. Price 60 cents each, $6 00 per dozen, $40 00 per 100.

CLARKE RASPBERRY.

BLACKBERRIES.

WILSON'S EARLY. Is one of our latest acquisitions; the fruit is very large, oblong, oval, slightly pointed, black, quite firm, sweet, rich and good. The fruit ripens very early, and the entire crop matures in about two weeks. This peculiarity in ripening gives the grower of it an opportunity of sending the entire crop to market before other varieties are ripe. Price of plants, 75 cts. each, $6 per doz., $45 per 100, $350 per 1000.

KITTATINNY, is also one of the new varieties, and ripens immediately after the Wilson, the fruit is very large and of superior quality. Price 50 cts. each, $4 per doz., $25 per 100, $200 per 1000.

LAWTON, or NEW ROCHELLE. $1 per doz., $4 per 100, $20 per 1000.

DORCHESTER. An early variety. $1 " $5 " $25 "

CURRANTS.

LARGE RED DUTCH. One of the most productive, per doz...$2 00 per 100, $10 00.

WHITE GRAPE. Great bearer, and large, per doz..... 2 50

CHERRY. Very large, per doz..... 2 50

VERSAILLAISE. Very large, similar to the cherry, per doz... 2 50

GOOSEBERRIES.

HOUGHTON AMERICAN SEEDLING. This variety is considered the best for our climate; it is very productive, and not liable to mildew. Price, $2 00 per dozen.

VAN BUREN'S GOLDEN DWARF PEACH.

The fruit is very ornamental, being above medium size, of a golden yellow color, with a rich mottled carmine cheek. The leaves add much to its beauty, being very large, closely set, of a deep green color, and hang on much longer than other varieties, and is not subject to disease. Price, 75 cents each; $6 per dozen.

GIANT ASPARAGUS ROOTS.

Two year old, $1 per 100. $8 per 1000.
One " " 60 " 5 "

FRENCH IMMORTELLES or EVERLASTING FLOWERS

IN ORIGINAL BUNCHES AS IMPORTED.

Yellow.....per bunch,	$ 75		White.....per bunch,	$1 25	
Green..... "			Rose..... "		
Spotted..... "			Purple..... "		
Deep Orange... "		1 00	Blue..... "		1 00
Crimson & Cherry "			Violet..... "		
Garnet..... "			Lilac..... "		
Black..... "					

WREATHS OR CROWNS OF IMMORTELLES.

(*Yellow.*)

No. 0. 7 inches in diam..	$ 60	No. 4. 10 inches in diam..	$1 25
No. 1. 8 " " ..	75	No. 5. 11 " " ..	1 50
No. 2. 9 " " ..	85	No. 6. 12 " " ..	1 75
No. 3. 9½ " " ..	1 00	No. 7. 13 " " ..	2 00

WREATHS OF WHITE IMMORTELLES.

No. 1. 6 in. single row....	$1 00	No. 4. 10 in. double row..	$2 00
No. 2. 8 " " ..	1 25	No. 5. 11 " " " .	2 50
No. 3. 9 " " ..	1 50	No. 6. 12 " " " .	3 00

CROSSES OF WHITE IMMORTELLES.

No. 1. 7 in. single row...	$1 00	No. 4. 12 in. double row..	$2 00
No. 2. 9 " " " ...	1 25	No. 5. 15 " " ..	2 50
No. 3. 9 " double " ...	1 75	No. 6. 18 " " ..	3 00

Bouquets of Immortelles, various colors, from 50 cents to $3 each
Moss, (dyed green,).....per bunch, $ 50
Grasses, (dyed various colors.)..... " 30
" Stipa Pinnata, (dyed various colors,)..... " 60
" " " Plain..... " 50
Paper Leaves for making Immortelle Bouquets, etc., per gross, 15 to 50
Wire for making Bouquets.....per lb. $0 50
Twine, very fine, for making Bouquets..... " 1 25

HANGING BASKETS AND FLOWER POTS.

ORNAMENTAL LAVA HANGING BASKETS.

No. 1—From 8 to 10 in. in diam., assorted patterns,.....each, $1 25
No. 2 " 8 to 10 " " " extra,..... " 1 50
No. 3 10 inches in diameter, Rustic pattern,..... " 1 75
No. 4 10 " " " Fancy " ..... " 2 50
No. 5 7 " " " Pot-shaped can be used for a Flower pot or Basket..... " 2 50

ORNAMENTAL LAVA FLOWER POTS, &c.

No. 1—5½ inch, with saucers.....each, $1 00
No. 2—6½ " " ..... " 1 50
No. 3—9 " " ..... " 1 50
No. 4—6 " with base saucer..... " 1 25
No. 5—9 " " " ..... " 1 50
No. 6—Deer's Head, with base saucer..... " 1 50
No. 7— " " " " ..... " 2 00
No. 8—Crocus Pots, Rustic Tree Stumps, small size.... " 1 00
No. 9—Crocus Pots, Rustic Stumps, large size,..... " 1 25
No. 10—Crocus Pots, Hedge Hogs, plain..... " 1 50
No. 11— " " colored..... " 2 00

RUSTIC WORK.

TABLE OR HANGING BASKETS.

No. 1—6 inch round bowls, arch handles, plain finish, each, $1 25
No. 2—8 " " " " " " " 1 50
No. 3—8 " " " " extra finish, " 2 50
No. 4—Pentagon Bowl, " " plain " " 1 50
No. 5— " " " " extra " " 2 25
No. 6—Hexagon " " " plain " " 2 50
No. 7— " " " " extra " " 3 00
No. 8—Oval " " " plain " " 3 00
No. 9— " " " " extra " $3 00 to 5 00

Cut Flower Rustic Vases from $1 50 to $6 00 each.
Bouquet Vases, for Pyramids, with mirrors on sides..... each, $7 00
" " " plain..... " 6 00
Large Rustic Plant Stands,.....each, $5 00 to 15 00
" Lawn Baskets,..... " $4 00 to 8 00
Rustic Arm Stands for six pots, " $5 00
" Fern Stands for glass shades, " .....$4 00 to 8 00
Fancy Flower Vases for Cut Flowers, " .....50 c to 1 50

HYACINTH GLASSES.

French Glasses, Clear, Blue, Green and Purple, each 25 c., per doz. $2 50
Bohemian " " " " " 30 " " 3 00
" " Ruby and Wine color.....40 " " 4 00
" " Fancy colors and Patterns.....per pair $1 00 to 1 50
Hot Cast Porcelain, pearl color..... " 75 to 85

PLANT AND TREE LABELS.

Pot or Plant, 4 inches long, 20 cents per 100, $1 00 per 1000.
" " $4\frac{1}{2}$ " " 25 " " 1 20 "
" " $5\frac{1}{2}$ " " 30 " " 1 25 "
" " 6 " " 35 " " 1 50 "

Garden or Nursery, 12 inches long, 75 cents per 100, $6 00 per 1000.
Tree, notched or pierced, 4 in. long, 20 cents per 100, $1 00 per 1000.
Indelible Pencils for writing on *Wooden Labels*, including one box of leads.....$1 25 to $1 50 each.

PLANT RODS, 20 ins. long, $\frac{1}{4}$ in. diameter 50 cts. per 100, $4 per 1000.
" " 24 " " $\frac{3}{8}$ " " $1 00 " 7 "
" " 36 " " $\frac{3}{8}$ " " 1 50 " 9 "
" " 36 " " $\frac{5}{8}$ " " 2 50 " 18 "
" " 2 feet, painted, white tops (turned,) 60 cents per doz.
" " 3 " " " " " $1 00 "
" " 4 " " " " " 1 25 "
" " 5 " " " " " 1 50 "
" " 6 " " " " " 1 75 "
" " 2 ft. $\frac{3}{8}$ in. diameter, painted, $1 50 per 100, $10 per 1000.
" " 3 " $\frac{3}{8}$ " " " 2 00 " 12 "
" " 3 " $\frac{5}{8}$ " " " 3 00 " 22 "

Bass (Cuba,) for tieing up plants and vines; budding, &c., per lb $0 75
Bass (American,) for tieing up plants and vines; budding, &c. " 0 50
Mats (Russian Bass,) for tieing, &c., 40 cents each, per dozen, 4 00
" " " for covering hot beds, 30c. each, per doz. 3 00

TROWBRIDGE'S GRAFTING WAX, (of first quality.)

Put up in rolls for convenient use, in 1 pound, ½ pound, and ¼ pound rolls. Price 50 cents per pound.

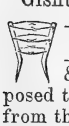
WHALE OIL SOAP.

AN EFFECTUAL REMEDY FOR DESTROYING INSECTS ON PLANTS, TREES, VINES, &C.

For Washing Down the Bark of Trees, Grape Vines, &c.—Take a quarter of a pound of the Soap, four pounds Sulphur, a quarter of a pound of Tobacco, one ounce of Nux Vomica; pour over these three gallons boiling water, stir until thoroughly mixed; when cool, apply with a brush.

For Destroying the Aphis or Plant Louse, Slugs on Roses, Thrips on Grape Vines, Mildew, Slugs on Pear Trees.—Take a quarter of a pound of the Soap, dissolve thoroughly with boiling water, add in all two gallons of water. Strain through a sieve or cloth, apply with a syringe or the rose of a watering-pot to the plants. The best time to apply the preparation is in the evening, or quite early in the morning. In cans at 40 cents, 75 cents, and $1 each.

Gishurst's Compound for destroying Insects, per Box, $1 00.



PATENT GALVANIZED IRON TRELLIS.—A new and convenient Trellis for Grapes, Tomatoes, Roses, Strawberries, &c., &c. Strawberries are protected from grit, and more exposed to the sun and air. No mulching required to keep the fruit from the ground. (The Trellis is made in two parts, with branching arms, each part a half circle, and when placed in the ground is hooked together at the top, making a handsome circular Trellis).

For illustrated circular containing full explanations with sizes and prices. Address,

Box 134. **WM. W. WILCOX, Middletown, Conn.**

Samples of the above may be seen at our Seed Warehouse, 714 Chestnut Street, Philadelphia, where orders will also be received.

ON THE HEATING OF GREEN-HOUSES, CONSERVATORIES, &c.

The most satisfactory, and in the end, economical method is undoubtedly by hot water. There are quite a number of boilers for this purpose before the public, each of which is claimed to be the best, and most economical; from our own experience, we feel no hesitation in recommending the *Horizontal Tubular Boiler*, recently invented and patented by Mr. Thos. J. Myers, Jr., of this city. We have three of them now in operation, and find them entirely satisfactory. Their great merit consists in their economy of fuel, as well as of space, not requiring any deeper excavations of stoke-holes than the ordinary brick furnace and flue; to which it can be attached at a trifling expense; the price of these boilers ranges from $30 to $60 according to size. Mr. Myers personally superintends the putting up of his heating apparatus at reasonable charges; his address is Thos. J. Myers, Jr., 1338 Passyunk Road, Philadelphia, Pa.

Fresh Osage Orange Seed.

Just received from Texas. $1.00 per pound; $20 per bushel.

THE FARMER'S AND GARDENER'S LIBRARY.

At the request of many of our friends, we publish a list of the leading works on Agriculture, Horticulture and Rural affairs. When ordered by mail, 5 to 25 cents must be added to cost of book, to prepay postage.

American Home Garden, (Watson)	$2 00
" Weeds and Useful Plants	1 75
Allen's Stable Book	1 50
" (R. L.) American Farm Book	1 50
" (R. L.) Diseases of Domestic Animals	1 00
" (L. F.) Rural Architecture	1 50
Beecher (Henry Ward) Fruit, Flowers and Farming	1 50
Barry's Fruit Garden	1 75
Bement's (C. N.) American Poulterer's Companion	2 00
Bossingault's Rural Economy	1 00
Breck's Book of Flowers, (new edition)	1 75
Browne's Field Book of Manures	1 50
Bridgeman's Florist Guide	75
" Kitchen Gardener	1 00
" American Gardener Assistant, (new edition)	2 50
Buist's American Flower Garden Directory	1 50
" Family Kitchen Gardener	1 00
Burr's Garden Vegetables, (illustrated)	2 50
" Vegetables of America, (splendidly illustrated, 667 pages)	5 00
Chorlton's (William) Grape Grower' Guide	75
Copeland's Country Life, (new edition)	5 00
Downing's Fruit and Fruit Trees of America, (revised edition)	3 00
" Cottage Residences	3 00
" Landscape Gardening, (new edition)	6 50
" Ladies' Companion to the Flower Garden	2 00
Dadd's American Cattle Doctor	1 50
" Modern Horse Doctor	1 50
" Anatomy and Physiology of the Horse	3 50
Eastwood (B.) on the Cultivation of the Cranberry	75
Elliott's (F. R.) Western Fruit Book	1 50
French's Farm Drainage	1 50
Fessenden's (T. G.) Complete Farmer and Gardener	1 50
Field's Pear Culture	1 25
Flint on Grasses, (new edition)	2 50
" Milch Cows, and Dairy Husbandry	2 50
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" Strawberry Culture	20
" Small Fruit Culturist	1 50
Fruit Culture, (Thos. Gregg)	75
Guenon, Treatise on Milch Cows	75
Grape Culture and the Strawberry, (R. Buchannan)	75
Harris' Insects Injurious to Vegetation	4 00
Herbert, Hints to Horsekeepers	1 75
Hind's Farrier and Stud Book	1 00
Hop Culture	40

How to Buy a Farm and Where to Find One	1 75
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Jenning's Sheep, Swine and Poultry	1 50
Kern's Practical Landscape Gardening	2 00
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Lindley's Horticulture, (Downing)	2 00
Langstroth on the Hive and Honey Bee	2 00
Leuchar's How to Build and Ventilate Hot-Houses	2 00
Liebig's (Justus) Familiar Science of Chemistry	75
Mayhew's Illustrated Horse Doctor	3 50
McMahan's American Gardening	2 50
Meehan's Ornamental Trees	75
Miles on the Horse's Foot, and How to Keep it Sound	30
Munn's (B.) Practical Land Drainer	75
My Farm of Edgewood	1 75
My Vineyard at Lakeview	1 25
Olcott's Sorgho and Imphee, the Chinese and African Sugar Canes,	1 25
Pardee's Strawberry Culture	75
Pedder's Farmer's Land Measurer	60
Parson's History and Culture of the Rose	1 50
Parkman's Book of Roses	3 00
Phantom Bouquets, (Parrish)	1 00
Quimby's Mysteries of Bee-Keeping	1 75
Rand's Flowers for the Parlor and Garden	3 00
" Garden Flowers, (illustrated)	3 00
" Hardy and Tender Bulbs	3 00
Randall's Fine Wool Sheep Husbandry	1 00
" Sheep Husbandry in Texas	1 50
River's Orchard House	50
" Miniature Fruit Garden	1 00
Richardson on the Honey Bee	30
" on the Horse	30
Rose Culturist	30
Smith's Landscape Gardening, Park and Pleasure Grounds	1 50
Strong, (W. C.) Culture of the Grape	3 00
Schenck's Gardener's Text-Book	75
Thomas' American Fruit Culturist (new edition)	3 00
Turner's (J. A.) Cotton Planter's Manual	1 50
Tobacco Culture	30
Ten Acres Enough	1 50
Villas and Cottages	3 00
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Woodward's Graperies	1 50
" Country Houses	1 50
" Rural Art	1 00
Youatt, Breeds and Management of Sheep	1 00
" and Martin on Cattle	1 50
" and Spooner on the Horse	1 50
" and Martin, (Stevens) on the Hog	1 00
" and Randall, Shepherd's Own Book	3 00
Young Farmer's Manual and Workshop	1 50
Young's Elements of Agriculture	1 00

HORTICULTURAL IMPLEMENTS.

Averancator, or Tree Pruning Shears, for poles, from	$3 00	to	6 00
Large size " " sliding cut, " "	7 00	"	8 00
Hedge, or Box Shears	1 75	"	3 00
Lawn " with two wheels			4 00
Grass Border " plain			3 50
" " " with wheel			4 00
Ladies' Garden or Box Shears	1 60	to	2 00
Long-Handled Lopping Shears	2 50	"	3 50
Hand-Pruning Shears, serviceable for Pruning Fruit Trees, Grape-vines, &c	1 50	"	2 50
Hand-Pruning Shears, with sliding cut	2 50	"	3 50
Vine Scissors, for thinning out Grapes	1 00	"	1 25
Grass Edging Knives, for paring the edges of grass	1 50	"	2 00
" Shears, with Springs			1 25
Flower Scissors or Gatherers, for cutting and holding the flowers	1 00	"	1 25
Pruning Scissors, bow handles	65	"	1 50
" " sliding cut, bow handle	2 50	"	3 00
Pruning Knives, Saynor's various patterns	1 00	"	1 50
" " Turner's, Wostenholm	75	"	2 00
Grafting "			75
Budding " Saynor's, various patterns	1 00	"	1 50
" " Turner's, &c	1 00	"	1 50
Asparagus "			75
Pruning Saws, from 14 to 20 inches	1 30	"	2 50
Grafting Saws,			1 50
Pruning " with sockets for long handles			3 00
Garden Rakes, wrought iron	50	"	1 25
" " cast steel	1 00	"	1 75
" Reels, to wind and carry line	1 00	"	1 75
" Lines, 90, 180 to 300 feet	65	"	3 00
" Trowels	35	"	1 50
" Forks	40	"	1 25
English Lawn Rakes	3 00	"	5 00
" Patent Rivet Back Lawn Scythes	1 75	"	2 50
" " " Grass Hooks	80	"	1 00
Spading or Garden Forks	1 25	"	2 25
Watering Pots	1 00	"	3 00
Garden Hoes, cast steel, all sizes	40	"	1 00
Dutch or Scuffle Hoes, best cast steel	60	"	1 50
Ladies' and Children's Garden Tools, in sets	1 50	"	5 00
Green-House Syringes, of brass, Reid's Patent, with two extra rose attached, ball valve	10 00	"	12 00
Green-House Syringes, brass, for ladies	5 00	"	6 00
" " " tin, brass tops and valves			1 25
Brier and Bill Hooks	1 50	"	2 50
" Scythes			2 25
Welsh Scythe Stones			30
Daisy Grubs.....75. Dock Extractors			2 50
Dibbles for Transplanting	50	"	1 00

COMMENDATORY.

Self-praise is no recommendation, nor are newspaper puffs reliable. We hold that the unsolicited testimonials of our customers are far more satisfactory, and, therefore, take the liberty of offering a few extracts from letters received from our friends, in various sections of the country, as an evidence of the reliability of our seeds, and the practicability of packing and forwarding plants to a distance with safety.

Chicago, March 11, 1867.

"The Seeds you sent me last year, gave me every satisfaction. *The Simon's E. Beet* I tried against all the other early sorts, and it proved 7 to 9 days earlier. The Phlox Drummondii was the admiration of all. I think every seed must have grown." JOHN GOODE.

Saginaw City, Mich., March 22, 1867.

"The seeds you sent me last year gave satisfaction, the Pansies particularly; some of the plants grown from seed you sent me, took the premium at our County fair." STEWART B. WILLIAMS.

Knoxville, Tenn., March 13, 1867.

"I am very glad to have found a reliable house in your business, for I expect to have occasion to make many little bills from time to time."

O. P. TEMPLE.

Dublin, Ohio, March 6, 1867.

"Your package of seeds came duly to hand, please accept my thanks for the bountiful supply." JOHN R. STANBERRY.

Pleasant Ridge, Hamilton Co., Ohio, Feb. 28, 1867.

"Last year I purchased of you quite a collection of Garden and Flower Seeds, which proved in nearly every case satisfactory. My flowers were the wonder of the community, and a great source of pleasure to myself and family." MRS. AUGUSTA J. PEAT.

New Lisbon, Ohio, April 5, 1867.

"My seeds from you last year succeeded admirably. I took the first premium on Asters, and Pansies at our county fair."

MRS. E. J. BRITTON.

De Valls' Bluff, Ark., April 20, 1867.

"I received collection of Plants on 16th inst., in good order, and notwithstanding the unfavorable weather, and their long journey, I think most of them will live. I will try and send you a hundred dollars next spring."

MRS. CORA C. BANCROFT.

Vicksburg, April 22, 1867.

"I write to thank you for the plants that have arrived safely, and are beautiful." M. C. JENKINS.

Chicago, May 8, 1867.

"Everything came in perfect order, the bulbs and plants were beautifully packed, and as fresh as if just taken from the ground."

MRS. DR. GEO. C. JONES.

Plattsburg, N. Y. May 22, 1867.

"I received the Box of Plants and Seeds. I need only say that they gave perfect satisfaction, many of the plants being much larger and stronger than I expected. Please accept my most sincere thanks for the 'Extras.'"

MRS. E. E. PALMER.

DREER'S GARDEN CALENDAR,

1868

JANUARY.						
S	M	T	W	T	F	S
...	...	...	...	...	...	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	...
...	...	...	...	...	...	...

FEBRUARY.						
S	M	T	W	T	F	S
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
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MARCH.						
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15	16	17	18	19	20	21
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29	30	31	...	...	...	...
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APRIL.						
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MAY.						
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17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

JUNE.						
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	...	...	...	...
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JULY.						
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12	13	14	15	16	17	18
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AUGUST.						
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9	10	11	12	13	14	15
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30	31	...	...	...	...	...

SEPTEMBER.						
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OCTOBER.						
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NOVEMBER.						
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DECEMBER.						
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20	21	22	23	24	25	26
27	28	29	30	31	...	...
...	...	...	...	...	...	...

Garden & Flower Seeds,

NEW ROSES, VERBENAS,

HYBRID FRENCH GLADIOLUS,

HORTICULTURAL IMPLEMENTS,

BOOKS ON GARDENING,

AND RURAL AFFAIRS.

ISSUED FROM HIS

Horticultural and Seed Warehouse,

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