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ANNALS, MCH 95

[Catalogue]

1894.

I. N. KRAMER & SON,

Seedsmen and Florists

CEDAR RAPIDS. IOWA.

GREENHOUSES, MARION, IOWA.

TELEPHONE 265.

PLEASE OBSERVE THE FOLLOWING WHEN ORDERING.

All Letters and Telegrams Should be Sent to No. 57 Third Avenue. Cedar Rapids, Iowa.

Don't Forget to sign your name plain and in full, and give Postoffice, County and State.

Write Name of each article on separate line and **KEEP COPY** of your order.

Terms Cash With Order.

Remittances should be made by Registered Letter, Money Order, Bank Draft or Express. Loose money and stamps is at risk of sender. Two-cent stamps taken for amounts less than \$1.00.

State How to ship, whether by mail or Express. If by Express say what company.

Plants by Mail. Upon receipt of price, we will send small plants **FREE** by mail when order amounts to \$1 or more. When less amount is ordered add 10 cents for postage and packing.

Plants by Express. All plants will be sent by express at purchaser's expense unless otherwise ordered, as this is the best and safest way to ship plants, and we can often ship larger plants.

We Pay Postage on Seeds when ordered by the packet, ounce, pound, pint and quart. Larger quantities go at purchaser's expense.

No Charge for boxing, packing or delivering to Express Office.

We Guarantee the safe arrival of plants and Seeds by mail or Express. *Complaint, if any, must be made on receipt of goods*, as we cannot hold ourselves responsible for the result of after treatment.

No Business Done from sundown Friday until sundown Saturday except flower work when necessary for funerals

CUT FLOWER DEPARTMENT.

We would call the attention of our patrons to our present facilities of furnishing seasonable choice cut flowers at all times. We also furnish and execute in the most modern and artistic manner all kinds of designs for

Table, House or Church Decorations, for any desired purpose. With our large and varied stock of flowers, competent artists and long experience, we confidently place our work in competition with the best in the land. All orders intrusted to us will be executed promptly, in latest styles, and at reasonable prices.

The following is a partial list of designs we have. Prices vary according to size of design :

Anchors Wreathes and Crosses, flat, \$2 to \$10 each.

Anchors Wreaths and Crosses, standing, \$5 to \$20 each.

Harps and Lyers, standing, \$5 to \$20 each.

Broken Columns, \$8 to \$25 each.

Cross and Crown, \$8 to \$15 each.

Broken Wheel, \$8 to \$20 each.

Gates Ajar, \$12 to \$25 each.

Gates Ajar, with White Dove, \$15 to \$30.

Sickles on Easel with Sheaf Wheat, \$5 to \$12 each.

Sheaf Wheat tied with ribbon and flowers, \$2 to \$8.

Cycas Palm Leaves, tied with ribbon and flowers, \$8 to \$10.

Baskets in all styles filled with choice flowers, 50c. to \$10.

Bouquets, (Gent's Buttonhole) 5c to 25c. Ladies Corsage Bouquets, 50c. to \$3.

Bride's Boquets, \$3 to \$10 each.

Hand Boquets, 50c. to \$5 each.

Triangle, \$5 to \$10 each.

Odd Fellows design, \$6 to \$15 each.

Stars and Hearts, \$2.50 to \$9.00 each.

Pillows, \$5.00 to \$25.00 each.

Pillows, with White Dove, \$10 to \$25 each.

Sickles, \$3 to \$6 each.

LOOSE CUT FLOWERS.

We have choice cut Roses and Carnations at all seasons of the year at market prices.

Lilies, Hyacinths, Tulips, Narcisus, Daffodils, Chrysanthiums, Heliotrope, etc., in their season and at the lowest market prices.

Assorted boxes of loose cut flowers from 50c. to \$10.

When time is limited always telegraph or telephone us and always state time goods must reach you and state price you wish to pay for same.

Address all letters and telegrams to

I. N. KRAMER & SON.

57 Third Avenue.

Telephone 265.

CEDAR RAPIDS, IOWA.

GARDEN SEEDS.

NEW AND OLD VARIETIES, ALPHABETICALLY ARRANGED.

We do not claim to have the cheapest and only good seeds in the market, but claim to have the best seeds obtainable, and at reasonable prices. This list as increased and revised for 1894 contains the very best standard varieties and the best and most promising novelties of **True Value to Buyers**. All our Seeds have been tested to prove their vitality and none are sold that are of poor germination. However, we **DO NOT** guarantee or warrant Seeds in any way, as failure of Seeds to germinate and crops to mature may result from causes over which we have no control or that no human being can avert.

SEEDS DELIVERED FREE.

At prices quoted we pay Postage or Express on all seeds ordered by the packet, pounds, pints and quarts. If purchaser desires to pay his Express or Freight charges he may deduct eight cents per pound and ten cents per quart for Sweet Corn, and 15 cents per quart for Beans and Peas from price given. Seed offered in lots larger than one pound or one quart go at buyer's expense.

Asparagus Seed.

CULTURE.—In early spring sow the seed, after soaking it 24 hours in warm water, in drills about 1 foot apart and 1 inch deep. The soil should be very rich and well worked. Later, thin the plants to 3 or 4 inches apart in the rows and cultivate often thoroughly through the summer. Transplant the following spring into permanent beds, deeply trenched and well mixed with decayed manure. Set the plants with roots well spread and crowns in the same direction, to avoid the roots running together, in trenches, 1 foot deep, 15 inches apart. One foot apart in the trenches, covering with 4 inches of soil. After the plants appear, gradually fill in the manure in the fall and give a coating of salt every spring. One oz. produces about 500 plants.

Conover's Colossal—A well known variety of large size, tender and of excellent quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 50c.

Palmetto—It is of very large size, even and regular in growth and appearance. It is a very early sort and immensely productive and of the very best quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

BEANS.

CULTURE.—Plant as soon as danger from frost is past, in light, warm soil, in drills about 2 feet apart, 3 inches apart in the drill, or in hills 12 to 15 inches apart. Avoid cultivating when wet with rain or dew, as this will injure the crop, but hoe often when dry. Plant every two weeks for succession. One quart will plant 200 hills, or a drill of 100 feet.

Bush or Snap. (Green Sorts.)

Early Mohawk—Very hardy, early and productive; good early string bean. Pkt. 10c; qt. 35c; peck \$1.25.

Improved Earliest Valentine—At least 10 days earlier than the Early Valentine and usually ready to pick in 35 days after planting. The pods are very thick and fleshy, and of finest quality. Pkt. 10c; qt. 40c; peck \$1.25.

Long Yellow Six Weeks—Very early and productive and a good shell bean. Pkt. 10c; qt. 35c; peck \$1.

Extra Early Refugee.

The earliest and best of the green podded sorts. Very productive. Pkt. 10c; pint 25c; qt. 45c; peck \$1.50.

Low's Champion—An excellent shell and string bean; pods large, long and very abundant. Pkt. 10c; qt. 40c.

White Kidney—One of the best for shelling, either dry or green. Pkt. 10c; qt. 35c; peck \$1.25.

Burpee's Bush Lima—Grows 18 to 20 inches high, each bearing from 50 to 200 handsome large pods, well filled with very large beans which are identical in size and luscious flavor with the well-known large Pole Limas, and come absolutely true from seed. By the introduction of this most valuable novelty, the largest and best Lima Beans can now be raised in quantity at small cost without the expense and labor attached to the use of poles. Pkt. 10c; $\frac{1}{2}$ pt. 35c; pt. 60c; qt. \$1.00.

HENDERSON'S NEW BUSH LIMA BEAN.

Henderson's Bush Lima Very productive, and at least two weeks earlier than the pole varieties. The beans are the size of the Sieva or Small Lima, and of good quality. Pkt. 10c; pt. 25c; qt. 45c; peck \$2.75. (See cut.)

Boston Pea Bean—Very early, hardy and prolific, beans small, round and handsome. The plant never suffers from rust. A very desirable variety for farmers to grow for market. Pkt. 10c; qt. 40c; peck \$1; bushel \$4.

Improved Tree Bean—A valuable sort for field culture, the most prolific variety known. The beans are roundish, very white, of fine flavor and cook very even and quick. Pkt. 10c; qt. 35c; peck \$1.

WAX SORTS.**Challenge Dwarf Black Wax.**

The earliest Wax Bean in cultivation. Fully ONE WEEK EARLIER THAN ANY OTHER WAX BEAN. There is no better than this for FIRST EARLY crop. Pkt. 10c, pint 25c; qt. 45c; peck \$1.60.

Dwarf Black Wax—A standard sort. Pkt. 10c; qt. 45c; peck \$1.40.

Dwarf Golden Wax—Pods yellow, brittle, entirely stringless, a good snap sort and very productive. Pkt. 10c; qt. 40c; peck \$1.40.

Wardwell's Kidney Wax.**The Best Wax Bean Grown.**

This new sort is ONE OF THE EARLIEST, HARDEST AND MOST PRODUCTIVE of all Wax Beans. It is nearly a week earlier than the Golden Wax and yields one-third more, but the most valuable point in its favor is that it is ALMOST ENTIRELY FREE OF RUST and spots. The pods are long and showy, very tender, stringless and of excellent quality, and assume a rich golden color at an early stage of their growth. Pkt. 10c; pt. 25c; qt. 45c; peck \$1.60.

Rust Proof Golden Wax—The introducers claim it to be very early and productive, an excellent quality

and ENTIRELY FREE FROM RUST. Pkt. 10c; qt. 40c.

POLE BEANS.

Pole Beans, being tender, ought not to be planted until the ground is dry and warm. A well-manured, sandy loam suits them best. Plant in hills, 4 feet apart, 6 or 8 beans to the hill; eyes downward, afterwards thin to three plants in a hill. Set poles 8 to 10 feet long before planting seed.

New Early Golden Cluster Wax—Pods very tender, Six or eight inches long, of large size, and borne profusely in large clusters of three to six, and are of a beautiful golden yellow color. It snaps easily, is stringless, cooks tender and is of delicious flavor. Pkt. 10c; pint 35c; qt. 60c.

Large Lima Selected Seed—An extra selection of seed stock, large, fine beans. Pkt. 10c; qt. 45c; pk. \$1.75.

"King of the Garden" Lima—Requires but two vines to each pole. When not closely planted they set their beans early, at the bottom of the pole, producing a continuous bloom and fruitage to the extreme end of the season. The pods and beans are of enormous size, and of superior quality. Pkg. 10c; qt. 55c; peck \$2.00.

Dutch Case Knife—A good corn-hill bean; one of the earliest Pole Beans; pods long and flat, beans white and used green and dry. Pkt. 10c; qt. 40c; peck \$1.50.

Lazy Wife—Pods are very broad, thick, fleshy and entirely stringless; they furthermore retain their excellent quality until almost ripe, but above all it is immensely productive. Pkt. 10c; pt. 30c; qt. 50c.

Horticultural Cranberry—An old popular variety, excellent as a snap or shell bean; speckled. Pkt. 10c; qt. 50c. peck \$1.65.

BEETS.

CULTURE.—Select a rich, mellow soil, sow in spring as early as the ground can be worked, in drills 1 foot apart and 1 inch deep; thin to 8 inches apart; for winter use sow in June. Cultivate often. One ounce of seed will sow 100 feet, 6 or 8 pounds are required to seed an acre.

Egyptian—Finest early market sort; very deep red, tender and sweet, in form like the Flat Dutch Turnip. Pkt. 5c; oz. 10c; ¼lb 20c; lb. 60c.

Dewing's Early Blood Turnip—Excellent for summer and winter use. Pkt. 5c; oz. 10c; ¼lb. 20c; lb. 60c.

Edmand's Early Blood Turnip.

One of the best Beets grown. The flesh is of a deep blood red color, and very sweet and tender. They can be planted very closely as they do not grow large and coarse and have a very small top. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c;

Long Smooth Dark Blood—A well known winter sort. Pkt. 5c; oz. 10c; ¼lb. 20c. lb. 60c.

New Half Long Blood—By far the best for winter use. They are always smooth and handsome and their rich, dark red flesh

is very sweet, crisp and tender Pkt. 5c; oz. 10c; ¼lb 30c; lb. \$1.00.

Eclipse—A very early, smooth, globe shaped beet, with small top and thin root; its skin is an intense deep red, its flesh of very fine texture; in earliness and quality it is excelled by none. Pkt. 5c, oz. 10c; ¼lb. 20c; lb. 65c.

New Lentz—Early as the Egyptian, but larger, of fine dark red color, a very small top, tender and sweet. Pkt. 5c; oz. 10c; ¼lb. 25c; lb. 75c.

SUGAR BEETS.

Vilmorin's Imperials White Sugar—An improved French variety exceeding all other in percentage of sugar; well

liked wherever tried. Oz. 5c; ¼lb 20c; lb. 50c.

Lane's Improved Sugar—An improved variety of Sugar Beet, hardy, white, very productive and Sweet. $\frac{1}{4}$ lb. 15c; lb. 40c; 10 lbs. \$3.00 by express.

MANGEL WURZEL BEET.

CULTURE—Sow in April and May in thoroughly ploughed, well manured soil, in drills 2 inches deep and about 18 inches apart. Thin out to 12 inches and keep the weeds down by frequent hoeing and cultivating. Four to six pounds are required per acre.

Improved Mammoth Long Red—This is an enormously productive variety, yielding 50 to 60 tons to the single acre. We have an improved strain not to be compared to inferior strains offered at lower rates. $\frac{1}{4}$ lb. 15c; lb. 40c; 10 lbs. \$3.00 by express.

Golden Tankard—The best Yellow Mangel in cultivation, skin and flesh deep rich yellow, of handsome, almost cylindrical shape. It is a heavy cropper, and the flesh is rich in saccharine matter, and it takes the lead over all others in England, where it has yielded at the rate of over 70 tons to the acre. $\frac{1}{4}$ lb. 15c; lb. 45c; 10 lbs. \$3.00.

MANGEL WURZEL BEET.

Broccoli.

(*Sparzel Kohl*).

CULTURE—This plant resembles cauliflower, but is hardier and of less delicate flavor. Sow early in May and transplant late in June or early in July to a rich, mellow bed. Cultivate as late cabbage. It thrives best in moist soil and cool temperature. One ounce will produce 2,000 plants.

Purple Cape—The popular sort, with large purplish heads. Pkt. 10c; oz. 40c.

Brussels Sprouts.—*Rosen Kohl*.

CULTURE—This plant is allied to the cabbage family, producing small heads from the side of the stalk, which are in perfection for use in autumn after early frosts. Sow in May, transplant in June 1 foot apart each way and cultivate like winter cabbage. One ounce will sow 100 yards of row.

Improved Dwarf—A fine strain Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c.

CELERY.

(For Celery, Pepper and Tomato plants, see end of Vegetable Seed List.)

CULTURE—Sow the seed late in March or early in April on fine well worked soil. Cover lightly, or, better still, roll or press it in. Shade the plants for a week or ten days, and do not let the soil dry out. Cut them once or twice before setting out, to make them stocky. When from 4 to 6 inches high transplant into broad shallow trenches, or to level ground, setting

dwarf sorts in rows 3 feet apart, and tall sorts 4 feet apart, 6 inches apart in rows.

Kalamazoo Broad-Ribbed Celery—The stalks are extremely broad, solid and erect, so that the plants may be grown very closely together. It is easily blanched and does not produce suckers. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.25.

Golden Self-Blanching—Requires but little labor to blanch. The heart is a rich golden yellow, with light yellowish green outer leaves. Of dwarf, compact habit and rich nutty flavor. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. 80c; lb. \$2.75.

Boston Market—Dwarf and branching; regarded as possessing the finest table qualities; popular for home use. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.

Perfection Heartwell—A strong grower; solid, never hollow. One of the best market sorts. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.

Henderson's White Plume—A handsome, crisp sort of very easy cultivation, as it is almost self-blanching, requiring for this purpose but a single hoeing-up of the earth about the stalks. As the flavor is excellent, and the appearance very ornamental, it is one of the best varieties for family use, and is the EARLIEST CELERY KNOWN. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 80c; lb. \$2.50.

Dwarf Golden Heart—The most popular variety of all. Its handsome color, medium size and fine flavor render it the leading sort both for home and market use. Pkt. 5c; oz. 20c. $\frac{1}{4}$ lb. 60c; lb. \$2.

Giant Golden Heart.

Giant Golden Heart A most desirable sort, rich golden color, large size, excellent quality, crisp, and very fine flavor. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

Grow Mangel Beets and Carrots for stock.
It will pay.

New Giant Pascal.

The latest and best variety of Celery, and of superior keeping qualities. The stalks are very large, thick, solid, crisp and of a rich nutty flavor, free from any trace of bitterness; it blanches easily and quickly and retains its freshness a long time after being marketed. The heart is golden yellow, very full and attractive in appearance. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50

New Rose—Hardier and a better keeper than the yellow and white sorts and of superior flavor and crispness. This new sort combines with the above fine qualities, a handsome appearance which renders it an attractive ornament to the dinner table. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 80c; lb. \$2.50

Solid Ivory—Very dwarf and compact; color white throughout. It is one of the most solid and crisp eating sorts, while its delicious nutty flavor cannot be excelled. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1; lb. \$3.

Turnip Rooted—The roots are turnip-shaped and possess the flavor of Celery. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

CAULIFLOWER.

For Plants of Cauliflower see end of Vegetable Seed List.

No seed is more important than this, as every gardener knows. It is one of the seeds in buying which price should never be questioned

CULTURE.—Cauliflower ought to receive a similar treatment to Cabbage, except that it requires an extra rich soil, an occasional application of liquid manure and frequent watering, especially when heading. Early sorts in this latitude are mostly sown in January or February in hot-beds, transplanted once before setting in open ground, and finally transplanted before the middle of April, in rich, deeply-worked soil 2 feet by 15 inches apart. Late sorts are sown and cultivated like late Cabbage. When heading tie the top leaves together to protect from exposure to the sun.

Earliest Dwarf Erfurt—TRUE. The very best for forcing and earliest in open ground and equally profitable for late planting. It is of dwarf, compact growth, with short stalk and can be planted very closely, as the leaves grow upright, protecting the heads. THE HEADS ARE BEAUTIFUL WHITE, VERY LARGE AND FIRM, MEASURING EIGHT TO TEN INCHES ACROSS, OF FINE GRAIN, AND FORM QUICKLY. Pkt. 25c; $\frac{1}{4}$ oz. \$1 60; oz. \$6.

Henderson's Early Snowball.

(In Henderson's Sealed Packages.)

This is undoubtedly one of the best known sorts and it is useless for us to repeat the description in

detail; it is equally valuable for the market gardener and for family use, good for early and late planting, and, as stated above, our seed is put up by Henderson & Co., and supplied by us in ounces and parts of ounces in their sealed packets and at

their prices, which

are as follows: Pkt. 25c; $\frac{1}{4}$ oz. \$1; oz. \$3.50.

Half Early Paris—Largest for forcing, early. Pkt. 10c; oz. 75c.

CARROT.

CULTURE.—The carrot delights in a sandy loam, richly tilled. For an early crop sow in the spring as soon as the ground is in good working order; for late crop they may be sown any time until the middle of June. Sow in rows about 15 inches apart, thinning out to 3 or 4 inches between the plants.

Early Short Scarlet (Dutch Horn)—Stump-rooted; Second in size; fine for forcing; rich color, and very pleasant flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 90c.

Half Long Stump-Rooted (Short Horn)

—A standard early sort, medium in length. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

James' Intermediate—This variety nearest resembles the Danvers, (it might be called two-thirds long,) but is thicker at the shoulder and heavier than that sort. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.

Danvers (Selected Stock)—The best variety for general crop; it is of rich orange color, and a very heavy yielder; a splendid keeper. It is a first-class Carrot for all soils, and valuable both for table use and for stock. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.40.

Improved Long Orange—Deep orange color, good flavor, yields heavily. It is of excellent table quality, and is also highly nutritious for stock. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Nates' Early Half Long Scarlet—Improved stump-rooted Horn; sweet, of very fine grain; excellent for the home garden and market. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.

Danvers.

CABBAGE.

For Cabbage Plants, see end of Vegetable List.

CULTURE.—The requirements for a good crop, are rich soil, deep plowing, high manuring, GOOD SEED and thorough after culture. Our seed is grown from selected heads and saved from centre shoots. The purchase of cheap cabbage seed is the poorest investment in the world; the failure can never be known until an entire season's labor and outlay is lost.

Select Early Jersey Wakefield—The best early sort in cultivation; forms fine solid heads of good size,

Select Jersey Wakefield.

conical in shape, with very few outside leaves, and of the best quality. We offer this as the earliest strain of this standard variety. Grown only from

select heads. Remarkably pure and warranted to give satisfaction. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$3.25.

Early Jersey Wakefield—Like above, but not so carefully selected. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.80.

Large Jersey Wakefield—Larger and a trifle later than the above sorts. Heads hard, solid and uniform in quality. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 85c; lb. \$2.75.

Premium Flat Dutch.

Henderson's Early Summer—Matures between Wakefield and Fottler's, and unlike early sorts, rarely or never bursts. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.25.

All Seasons—Nearly or quite as early as Early Summer; heads harder and larger. Comes about two weeks earlier than Fottler's, and is as good for late market or winter use as for early. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.25.

Premium Flat Dutch—Selected—No cabbage is so universally grown as this, and for the reason that the seed may be sown in the open ground and the young plants are started without the use of hot-beds—hence it is the favorite with all the people for general use. We have, therefore, sought for the finest possible selection of it, and believe that in our seed of this we have a strain that in reliability for heading, evenness of crop and size cannot be surpassed. Do not be deceived by fancy names, but buy our seed under the plain old title of **PREMIUM FLAT DUTCH**, and you will get a first-class article. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.

Early Winnigstadt—Sure to head on all soils. A great favorite with the Germans. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$2.

Burpee's Surehead—This sort produces large, round, flattened heads which are very uniform, very hard and of fine texture and weigh from 10 to 15 pounds. It is a good keeper and shipper of fine quality and **CERTAIN TO HEAD**. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Fottler's Improved Brunswick Drumhead—Best early Drumhead. Stem small and short, head large, every plant sure to head. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.50.

Luxemburg or Hard Heading—It makes a **VERY HARD HEAD OF GOOD SIZE**, and is remarkable for its keeping qualities; a great favorite among gardeners. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 30c; $\frac{1}{4}$ lb. 75c; lb. \$2.75.

Improved American Savoy—Best late Savoy. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Red Drumhead—Head very large, rounded in shape, slightly depressed, exceedingly hard; very deeply colored at the heart. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

CUCUMBERS.

CULTURE.—For early use sow in hot-houses on small sods overturned, or in small pots plunged in earth. As soon as danger from frost is over transplant with sod, so as not to disturb the plants, into hills in the open ground. For general crop sow from about the first to the middle of May, in rich, mellow, warm soil. Use a shovel-full of well-rotted manure in each hill and cover it 2 inches deep with fine earth. On this sow the seed, about 8 or 10 seeds to a hill; cover $\frac{1}{2}$ inch with earth and press down. When danger from bugs is passed thin out to four plants to a hill. For pickles plant from June to middle of July. Always pick the fruit when ready, even if not needed, since otherwise the productiveness of the plant is destroyed. 1 oz. of seed will plant about 50 hills. Use Slug Shot for the bugs.

New Everbearing.

It is of small size, **VERY EARLY**, **ENORMOUSLY PRODUCTIVE**, and valuable as a green pickler. The one vine exhibits at the same time, cucumbers in every stage of growth, the small ones being perfect in shape, of a fine green color, and just the size for pickling. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Early Cluster—Very productive early variety, bearing clusters. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Improved Early White Spine—A favorite market variety, deep green; flesh crisp and of good flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Evergreen White Spine—This new sort grows extra long, is of handsome and smooth shape, **VERY EARLY AND PROLIFIC**. It differs from the other strains of White Spine in the fact of **ALWAYS REMAINING OF DEEP GREEN COLOR**. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Green Prolific of Boston Pickling—Enormously productive; one of the finest pickles. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 55c.

Nichols' Medium Green—A good sort for pickling and slicing. **ALWAYS STRAIGHT AND SMOOTH**. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 65c.

Improved Long Green—Selected for a number of years from the most perfect specimens, until it has become perfectly pure and true, a fine sort. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c.

Japanese Climbing Cucumber.

This new cucumber is a strong and vigorous grower, the vines attaining nearly twice the length of common varieties. The young plants are bushy, but as soon as they become well established they begin to climb, and may be grown on fences, poles or trellises, thus saving much valuable space in small gardens or in market gardens where land is dear. It is estimated that with this cucumber THE PRODUCT OF A GIVEN AREA CAN BE INCREASED THREE-FOLD. The fruits are ten to twelve inches in length, of a fine green color; the flesh is thick and firm, never bitter, and fine for pickling, as well as slicing. It is very prolific, and the fruits, being raised well above the ground, NEVER SUFFER FROM WET WEATHER OR INSECTS; vines are proof against mildew and continue bearing till late in the fall. Pkt. 10c, 3 for 25c, 7 for 50c.

➤ SWEET CORN. ➤

CULTURE.—Make the first planting about May 1st, and sow every two weeks thereafter until the middle of July for succession. Plant in hills 3 or 4 feet apart according to size of variety or strength of soil. One quart of seed plants 100 yards of rows.

New Early Champion.

Produces Ears Twelve Inches Long in Sixty Days

This new variety is without question the EARLIEST LARGE SWEET CORN yet introduced, being only a few days later than the first early small sorts. Ears nearly as

large as the Mammoth twelve-rowed; pure white kernels, medium-sized white cob. Very sweet, tender and full of milk; yielding from two to three ears to the stalk. Pkt. 10c; pint 25c; quart 40c; peck \$1.35; bushel \$4.00

Burbank's Early Maine Earliest sweet corn grown

—It has a PURE WHITE COB, WITH A RICH CREAM WHITE KERNEL, sweet and juicy. Shows none of the red shade like Cory or Marblehead when cooked for the table. A FINE EAR OF GOOD SIZE. Pkt. 10c; pint 20c; quart 35c; ½ peck 65c; pk. \$1; bu. \$3.50.

Cory—One of the earliest Sweet Corns. Ears about 6 inches long, generally two or three ears to the stalk; Pkt. 10c; pint 15c; quart 25c; peck 80c; bushel \$3.00.

Early Minnesota—An old favorite, and quite early. Pkt. 5c; quart 30c; peck 75c; bushel \$2.75.

Moore's Early Concord—A good second early. Pkt. 5c; quart 30c; peck 75c; bushel \$2.75.

Perry's Hybrid—THERE IS NO BETTER SECOND EARLY for the market gardener. It is nearly as early as Early Minnesota, but makes a larger ear. Pkt. 5c; quart 25c; peck 80c; bushel \$3.00.

Gold Coin—Very productive, YIELDING TWO MAMMOTH EARS TO THE STALK. The cob is snow white, covered with large golden yellow grains. Pkt. 5c; pint 20c; quart 30c; peck 85c; bushel \$3.00.

Improved Ne Plus Ultra (Country Gentleman)—Heretofore the Black Mexican Sweet Corn has been considered the sweetest variety known, not being equalled by any other

sort, but the color, which is of a blush tint when ready for the table, has always been a serious objection. In the "Country Gentle-

man," we have a most valuable substitute for the Black Mexican, as it furnishes LONG EARS, averaging 12 inches, SNOW WHITE KERNELS, very DEEP, and is without doubt the SWEETEST and MOST TENDER of all sweet corns. In time it matures a little earlier than "Evergreen." We can safely say it is the best corn for private use and for the gardener who has a private family and fancy grocery trade. Pkt. 10c; pt. 20c; qt. 35c; post-paid. Peck \$1; bu. \$4.

Ne Plus Ultra or Shoe Peg—A medium early, being delicious, sweet and tender. It is very productive, bearing from 2 to 4 ears to the stalk. Pkt. 10c; pt. 15c; qt. 30c; peck 80c; bu. \$3.

Old Colony—A selection of the Evergreen type, but about 10 days earlier. Pkt. 5c; pint 20c; quart 30c; peck 80c; bushel \$2.75.

Stowell's Evergreen—The standard late sort. We

have an extra fine, pure strain of this most popular kind. Pkt. 5c; quart 25c; peck 65c; bushel \$2.50.

POP CORN.

White Rice—A very fine white variety, ears 4 to 5 inches in length and 1 to 1¼ in diameter. Kernel pointed. Especially salable among retail grocers. Pkt. 5c; ½ lb. 20c; lb. 30c.

Wisconsin Eight Rowed—The standard variety for the market. It is used largely by popcorn manufacturers. Grain is broad, smooth, and pops out large. Yields well and can be husked readily. Pkt. 5c; ½ lb. 20c; lb. 30c.

Corn Salad or Fitticus.

CULTURE.—Sow in spring in drills one foot apart. It will mature in six or eight weeks. For early spring use sow in September, thickly in drills ¼ inch deep. Tread the ground if dry weather. Protect with litter when cold weather comes and winter over like spinach. One ounce will sow thirty-five feet row. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

CRESS, OR PEPPER GRASS.

CULTURE.—Sow thickly in drills one foot apart, and follow every two weeks with a new sowing, as it quickly runs to seed. Water Cress should be sown along the margins of ditches, ponds, or better still, of slow running streams. It requires no care except to free it at first from weeds.

Curled—Extensively used as a small salad; the leaves while young have a warm pungent taste. Sow rather thick in shallow drills, and at short intervals during the season. Pkt. 5c; oz. 10c. ¼ lb. 20c.

ENDIVE.

CULTURE.—For early use sow about the middle of April, but for the main crop in June or July in shallow drills. When two or three inches high transplant or thin out to one foot each way. When full grown it blanches the inner leaves by gathering and tying up the outer ones at the top; but tie up only when the leaves are dry and blanch in succession, as it keeps only a short time after blanching. For winter use take up with earth and plant closely in frames or a dry cellar. One ounce of seed sows 150 feet drill.

Green Curled Summer—fine market sort for early use. Pkt. 5c; oz. 20c; ¼ lb. 60c.

Green Curled Winter—Tender green leaves, which blanch white. Hardy. Pkt. 5c; oz. 20c; ¼ lb. 60c.

EGG PLANT.

CULTURE.—Sow seeds in hot-beds in March or April. Plant out about June 1st, 2½ feet apart. Those who have no hot-beds, can sow sufficient seed in boxes in the house for a small garden.

New York Improved—

The leading market sort, very large and smooth; fine dark color; very prolific and of excellent quality. Our strain of this variety is unexcelled, and has given the greatest satisfaction to market gardeners. Pkt. 10c; oz.

40c.

Egg Plant.

Market Gardeners or those using large quantities of seeds should send for our Market Gardener's Price list.

GOURDS.

CULTURE.—The following four varieties will be found quite serviceable in any household. No one would think, without having tried them, of the many uses they can be put to. Cultivate as cucumbers; or they may be trained over lattice work or utilized to cover stumps or fences.

Dishcloth Gourd—This remarkable plant derives its name from the peculiar lining of its fruit which is of a spongy, tough and durable texture, which renders it very valuable as a natural dish cloth. Pkt. 5c.

Sugar Trough Gourd—They grow to hold 4 to 10 gallons each, have thick hard shells, very light, but durable, having been kept in use as long as ten years, and are useful as baskets, etc. Pkt. 5c; ½ oz. 15c; oz. 25c.

Dipper Gourd—Valuable for household purposes. They make dippers of various sizes, which will last for years. If the vines are trained on trellises the handles will grow straight, otherwise they curve. Pkt. 5c.

White Nest-Egg—Also called JAPANESE NEST-EGG GOURD, resembles in color, shape and size, the eggs of hens, and do not crack, and are uninjured by cold or wet, and therefore make the best nest eggs. Pkt. 10c; 3 for 25c.

KALE, OR BORECOLE.

CULTURE.—The Kales are excellent as greens for winter and spring use. The crown or centre of the head cut off so as to include the leaves is the eatable part. They are more hardy than cabbage, and are improved by frost, but the time and manner of sowing, and the culture are identical with cabbage.

Dwarf Green

Curled—Very hardy; should be treated like spinach. Pkt. 5c; oz. 10c; ¼ lb. 30c.

KOHLRABI, OR TURNIP CABBAGE.

An excellent vegetable, intermediate between the Cabbage and Turnip. Sow in rows in May or June, eighteen inches apart, thinning to eight inches between the plants. Cook as Turnips. One ounce will sow a 200 foot drill.

Early White Vienna—Fresh white and tender. Pkt. 5c; oz. 20c; ¼ lb. 60c.

Early Purple Vienna—An excellent sort a little later than the white. Pkt. 5c; oz. 20c; ¼ lb. 60c.

LEEK

(Lauch.)

CULTURE.—Sow early in spring, and when plants are three or four inches high, thin to eight inches apart. Hoe the earth well up to the stock to blanch it. One ounce will sow one hundred feet of drill.

Large Musselburgh—Of enormous size, leaves large and broad. Of very mild pleasant flavor. Pkt. 5c; oz. 20c; 1-4 lb. 60c.

LETTUCE.

CULTURE.—Lettuce, the most useful of all the salads, is easy of culture, being free from all diseases and insects. It requires rich, moist soil, clean cultivation and plenty of water. This will give the quick growth on which depends its appearance, tenderness and flavor. For early spring use, sow in a seed-bed in September or October, and protect through the winter with cold frames, or in the south with leaves or litter; or sow in hot-beds in early spring, and as soon as the ground can be well worked, transplant in good, rich ground to rows, 18 inches apart, and 8 to 10 inches in the rows.

Denver Market Forcing.

An early variety of Head Lettuce. It forms a large, solid head of a good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy Cabbages,) and very crisp and tender and of excellent flavor. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.25.

Black Seeded Simpson—Does not head, but forms a large compact mass of leaves, stands the summer heat well. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

White Cabbage—A good summer variety; heads of good size, close and well formed. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

Ferry's Prize Head—A good home garden sort; hardy and good flavor, very slow to run to seed. Pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. \$1.00.

White Seeded Tennis Ball, or Boston Market—A fine early sort, small heads. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

Grand Rapids Forcing—The best sort of greenhouse forcing. IT STANDS MORE NEGLECT in the way of watering and ventilation, WILL GROW MORE WEIGHT on the same ground and WILL STAND LONGER AFTER IT HAS MATURED. It does not grow quite so rapidly as Black Seed Simpson, but is superior in every other respect. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

Boston Curled.

Perpignan, Defiance Summer—Unequaled for long standing. One of the finest new varieties of head lettuce, which stands the summer heat better than any other. It forms very large, solid heads. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.50.

Boston Curled—A variety of superior quality, very symmetrical and ornamental in growth. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

Melon Peach.

This particular new vegetable grows on a vine like a melon, and is of a golden yellow color, resembling an orange in shape and size; the flesh is snow white. They are used fried like Egg Plant when green. They also make splendid mangoes stuffed with cabbage like peppers. When they first ripen they are quite hard and tasteless, but they soon become mellow and sweet and have a very rich flavor. For sweet pickles,

pies or preserving, they have no equals. They are very early, hardy and productive, the vines being literally covered with fruit. You should try them, and we know you will be pleased with them. Pkt. 10c; 3 for 25c.

MUSTARD.

CULTURE.—A desirable spring salad. Sow as soon as the ground is free from frost and successive sowings should be made every two or three weeks. It grows rapidly and must be cut down when young. Sow in shallow drills one foot apart, and when three inches high thin out to five or six inches apart.

New Chinese Mustard—The large leaves, which often measure 14 inches, are ready for use in about six weeks from sowing, and the plant will continue to yield until frosty weather. Leaves are eaten boiled like spinach. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 90c.

White—Best for salad and general use. Pkt. 5c; oz. 10c; 1-4 lb. 15c; lb. 40c.

MUSK MELON.

Our Western Vine Seed are the Best in the Country

CULTURE.—A rich, warm sandy soil is best for the Musk Melon. Plant the seed when the ground is warm. Plant from 6 to 12 seeds in hills 6 feet apart each way, and when danger from bugs is past, thin to three vigorous plants in a hill. If manure is mixed in the hill at time of planting, see to it that it is old and well rotted. When the shoots are a foot long pinch off the tips to make them branching and strengthen the vine. Thin out the fruit if it is excessive, the remaining Melons will thereby increase in size and ripen earlier. One ounce plants 75 hills.

Use slug shot for the bugs.

Giant Chicago Market.

Is the type of the well-known Chicago Market Musk Melon, equal to it in quality, which we hold to be of

Giant Chicago Market.

the VERY SWEETEST but MUCH LARGER and very productive. It is decidedly ribbed, extra well netted, with very thick green flesh. Pkt. 10c; oz. 15c; 1-4 lb. 50c; lb. \$1.50.

Chicago Market—Considered one of the best Nutmegs for earliness of maturity, large and uniform size, thickly netted skin, small seed cavity, deep green flesh, juicy and delicious flavor and freedom from rot. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 85c.

Osage Melon—Skin dark green, slightly netted on the lobes on the upper side; flesh a rich salmon color. The shape is oval, medium sized. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 70c.

Improved Christiana—The flesh is a dark rich yellow, very thick and of delicious flavor. When ripe the melons separate from the stem. They mature early. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 75c.

The Banquet.

The Banquet—A new medium sized melon, very flat at both ends and more beautifully netted than any other variety. In quality it is unequalled; the flesh uniformly deep, color rich dark salmon. It is undoubtedly

ONE OF THE MOST BEAUTIFUL AND LUSCIOUS MELONS, and will produce more edible melons to a given area than any other variety. Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.00.

Hackensack—Grows uniformly large, round, sweet, productive; skin and flesh green; we recommend it for market and private use. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 75c.

Early Nutmeg—Green fleshed; highly scented, rich and sugary and finely netted. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 60c.

Emerald Gem—The flesh is of a delicate light salmon color, very thick and of most excellent flavor. The rind is thin and dark green, undoubtedly one of the very best for home use. Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. \$1.

Jenny Lind—Excellent quality, early, small, flattened at the ends, flesh green. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 80c.

Netted Gem—Globe-shaped, skin green and thickly netted; flesh thick, light green, of fine flavor. One of the best. Pkt. 5c; oz. 15c; 1-4 lb. 30c; lb. \$1.

Miller's Cream—The flesh is a rich salmon in color, so thick it is almost solid. THE FLAVOR IS VERY SWEET AND DELICIOUS. The seed cavity is usually small; the rind is very thin and a little netted. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 80c.

Early Hackensack—This is a greatly improved selection of the Hackensack being fully 10 days to two weeks earlier and also large and finer in appearance. Flesh light green and of delicious flavor. One of the finest melons for table use in the market. Pkt 5c; oz. 10c; 1-4 lb 30c; lb. \$1.00.

WATER MELON.

CULTURE—In light soil, with a hot, sunny exposure, the Water Melon thrives best. Plant in hills 8 to 10 feet apart each way, and cultivate like the Musk Melon. To secure the largest fruit, have but one or two Melons to a vine. One ounce of seed will plant about 60 hills.

New Seminole—EXTRA EARLY, ENORMOUSLY PRODUCTIVE, VERY LARGE AND OF SPLENDID FLAVOR. The seed will often produce grey and green melons on one vine, but the

former predominates. It is undoubtedly ONE OF THE FINEST melons yet introduced. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 70c.

The Dixie—Said to be THE BEST SHIPPING MELON GROWN, being LARGER, EARLIER AND FAR MORE PRODUCTIVE than the Kolb's Gem. Eating quality unexcelled. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 80c.

Florida's Favorite—This new variety is of medium size, very prolific, and is said to have no equal as a table melon. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 70c.

Dark Iceing—Round, solid, white seeded, dark skinned; medium size, of delicious flavor; a fine shipper. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 75c.

Long White Iceing—Quality the very best. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 70c.

Pinney's Improved—Melons oblong of medium size; flesh bright red and very sweet. Very early and productive; an excellent market variety, seeds white. Pkt. 5c; oz. 10c; 1-4 lb. 20c. lb. 65c.

Kolb's Gem—Very uniform and of large size. The flesh is bright red and flavor excellent; rind dark green, striped and very tough. It is unsurpassed as a shipping melon. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 60c.

Mountain Sweet—Early, solid, large, sweet and delicious. Rind thin, dark green; an old variety, but a general favorite for home and market gardens. Pkt 5c; oz. 10c; 1-4 lb. 20c; lb. 65c.

Citron—For preserves; flesh white and solid, seeds red. Pkt. 5c; oz. 10c; 1-4 lb. 25c.

Colorado Citron—Immensely prolific, flesh very firm and solid, seeds green; size very large and preserving qualities the very best. Pkt. 5c; oz. 10c; 1-4 lb. 25c.

Kentucky Wonder—One of the finest flavored mel-

ons, oblong in shape, skin dark green, marbled in stripes of light green; flesh very solid and never mealy; seed red. Attains an average of 40 to 60 pounds. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 80c.

OKRA or GUMBO.

CULTURE—Sow at the usual time of tender vegetables, in drills two inches deep, leaving the plants from two to three feet apart.

White Velvet produces pods larger than any other. They are never prickly to the touch, and always round and smooth, while in other varieties they are either ridged or square edged. The parts used for food are the young pods. They are very wholesome.

quite nutritious, and impart an agreeable richness to soups and stews. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 90c.

O N I O N.

We offer below the best Pedigree Onion seeds from growers who select carefully each year their Seed Onions, and believe no better strains are grown. We could easily purchase Onion Seeds that could be sold 30 to 40 per cent. cheaper, but we believe that "CHEAP ONION SEED IS ALWAYS DEAR."

Prizetaker the Genuine.

The Handsomest, Largest Yellow Globe.

A new variety introduced but a few years ago which has proved to be an excellent keeper, of finest flavor, handsome shape and enormous size, many single onions having been raised to weigh 5 pounds and over, from seed the first year. It is of the same type as those immense imported Onions which can be seen in fruit stores and always command a very high price. The Prizetaker grows always to a perfect globe shape, with bright straw colored skin; the necks are very small and the onions ripen up hard. Pkt. 10c; ½ oz. 20c; oz. 30c; 1-4 lb. 90c; lb. \$3.00.

Prizetaker.

White Queen—Remarkable for its extreme earliness and very mild flavor; it is small and white skinned; much liked for pickling. Pkt. 5c; oz. 20c; 1-4 lb. 60c; lb. \$2.00.

Globe Yellow Danvers—This variety is now the standard medium yellow onion of our markets the

country over. Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.50; 5 lbs. by express \$6.50.

Early Flat Yellow Danvers—Differing from the Globe strain only in shape, being flat. Very productive. Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.30.

White Globe—Thick globe-shaped, hand-

some; keeps well. Pkt. 10c, oz. 30c; 1-4 lb. 90c; lb. \$3.00.

Red Wethersfield—The standard sort, large flat. Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.40; 5 lbs. by express, per lb. \$1.25.

White Adriatic Barletta—The earliest onion grown. IT IS FROM TWO TO THREE WEEKS EARLIER THAN THE WHITE QUEEN. It is of a beautiful waxy color and grows 1 1-4 inches in diameter and ¾ of an inch thick, with finely formed bulbs slightly flattened at the top. Pkt. 10c; oz. 25c; 1-4 lb. 60c; lb. \$2.25.

Mammoth Silver King—This mammoth variety is one of the largest in cultivation, averaging from 15 to 22 inches in circumference and often weighing 2½ to 4 pounds each. It matures early and is uniformly of large size and fine shape, being flattened but very thick. The skin is of a beautiful silver-white, flesh snowy and tender, of a mild, sweet flavor. Pkt. 10c; oz. 20c; 1-4 lb. 70c; lb. \$2.50.

Yellow Strassburg. (Yellow Dutch.)—Later, and larger than Yellow Danvers; good keeper. Pkt. 5c; oz. 15c; 1-4 lb. 50c; lb. \$1.60.

MOREHEAD, IOWA, January 14, 1894.
Well satisfied with last year's selection of seeds. I raised the finest onions from the Prizetaker onion seed that I ever saw.
M. MIKKELSON.

ONION SETS.

SUBJECT TO MARKET CHANGES.

White Multiplier—Very early, of a pure silvery white color, enormously productive, frequently producing as many as TWENTY BULBS IN A SINGLE CLUSTER from a single bulb planted, of excellent quality and size for bunching green or can be ripened for use as pickling onions. Pt. 20c; qt. 35c; by express ½ peck \$1.10; peck \$2.00; bushel \$7.50.

Yellow Bottom Sets—Pt. 15c; qt. 30c; pk. \$1.50; bu. \$5.50.

Red Bottom Sets—Pt. 15c; qt. 30c; peck \$1.40; bu. \$5.00.

PEPPER.

One ounce will produce about 1,800 plants.

Sow seed in hot-bed early in spring; transplant to open ground when the weather is favorable, in warm, mellow soil, in rows eighteen inches apart. Seed germinates slowly and requires considerable heat.

Large Bell—A standard sort, large and early, rind

very thick, color glossy red, flavor mild and pleasant. Pkt. 5c; oz. 25c; 1-4 lb. 75c.

Golden Dawn—This new handsome kind is one of the most ornamental and desirable sorts. It is a beautiful golden yellow, quite sweet, without any fiery taste; very productive. Pkt. 5c; oz. 25c; 1-4 lb. 75c.

Cayenne Long Red—Pungent. Pkt. 5c; oz. 25c; 1-4 lb. 75c.

Ruby King—Grows $4\frac{1}{2}$ to 6 inches long by $3\frac{1}{2}$ to 4 inches thick. A beautiful, bright ruby red color. Pkt. 10c; oz. 30c; 1-4 lb. 80c.

Red Chili—Small bright red; best for pepper sauce. Pkt. 5c; oz. 35c.

Celestial—The peppers, when young, are delicate creamy yellow, and ripen to a vivid scarlet, making the plant an object of most striking beauty and oddity. They are from 2 to 3 inches long. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

PARSLEY.

CULTURE—Parsley is used for seasoning soups, meats, etc., for salads and garnishing, and as an ornamental border in the flower garden. Since the seed germinates very slowly, the plants sometimes not appearing for three or four weeks, sow as early as possible and soak the seed a few hours in lukewarm water before sowing. One ounce sows about 140 feet of drill.

Doubled Curled—Finely curled dwarf, good garnishing sort. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 75c.

PARSNIP.

CULTURE—Sow early in spring in good rich soil, which has been plowed deep in drills 15 inches apart, covering half an inch. Thin to 5 or 6 inches apart in rows. They are improved by frost. One ounce will sow 200 feet of drill; five pounds to an acre.

Hollow Crown, or Long Smooth—(Abbott's Improved.) Smooth and large; very tender and sugary; one of the best for general cultivation. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 50c.

Improved Guernsey—The roots do not grow so long as those of the Hollow Crown, but are of greater diameter and more easily gathered.

The roots are very smooth, the flesh fine grained and of excellent quality. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 55c.

PUMPKINS.

Principally used for agricultural purposes, but there has been a great improvement in the varieties during the past few years, by the introduction and hybridizing of foreign varieties with our old sorts. Plant in hills 8 feet apart in May, among potatoes, or corn, or in open field. One pound will plant about 250 hills.

Large Field—Standard sort for field culture. 1-4 lb. 15c; lb. 35c; 10 lbs. \$1.50 by express.

Sugar—A small, orange colored sort, remarkably

sweet, fine grained and dry. Keeps well, and cannot be beaten for table use. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 60c.

Mammoth—This, one of the largest pumpkins, has reached the enormous weight of 226 pounds. Flesh bright orange, fine grained and firm; quality excel-

American Wonder.

lent. A very handsome sort, unequalled for exhibition purposes. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Large Cheese or Kentucky Field—Cheese-shaped, in flavor like the Crookneck squash; yellow fleshed, fine grained, and very productive. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 65c.

New Pie Pumpkin.

Calhoun—It is medium in size, exceedingly HEAVY AND SOLID, very productive and of excellent quality. The outside is cream color, while the flesh, which is very thick and fine grained, is a salmon-yellow and of superior quality. It is undoubtedly one of the best for pies. Pkt. 10c; oz. 15c; 1-4 lb. 45c; lb. \$1.40.

PEAS.

9 in. **Bliss' American Wonder**—The earliest of the wrinkled peas; very dwarf and remarkably productive, having very large pods containing 6 to 9 large peas. Flavor unsurpassed. We heartily recommend this pea as a first early sort. Pkt. 10c; qt. 40c; pk. \$1.60; bushel \$6.

30 in. **Maud S**—(Said to be the earliest pea in the world;) much similar in season and habit of growth to such standard peas as "First and Best," "Daniel O'Rourke," "Phil. Extra Early," but our carefully selected strain "MAUD S," beats them all. Height $2\frac{1}{2}$ feet, prolific, and of as good quality as any of this class of extra earlies. Pkt. 10c; pt. 20c; qt. 40c; peck. \$1.25; bu. \$4.50.

10 in. **Little Gem**—Very early, dwarf, green wrinkled marrow pea; quality excellent; needs no support and bears abundantly; matures in 8 weeks. Pkt. 10c; qt. 40c; peck \$1.25; bu. \$4.75.

Stratagem.

- 30 in. **Alaska**—Very early and productive. Peas blue. Pkt. 10c; pt. 20c; qt. 40c; peck \$1.15; bush. \$4.10.
- 10 in. **Extra Early Premium Gem**—An improvement on the Little Gem; very dwarf and prolific; pods large. Pkt. 10c; pt. 25c; qt. 40c; peck \$1.25; bush. \$4.75.
- 30 in. **Dan'l O'Rourke**—One of the very best and earliest market peas. Pkt. 10c; pt. 20c; qt. 35c; peck 90c; bush. \$3.50.

SECOND EARLY SORTS.

- 18 in. **Abundance**—Large fine flavor, very prolific. 10c; pt. 25c; qt. 40c; peck \$1.00.
- 30 in. **McLean's Advancer**—Peas large, very sweet and tender. Best second early sort for home and market garden use. Pkt. 10c; pt. 20c; qt. 35c; peck \$1.00; bush. \$3.75.
- 20 to 30 in. **Horsford's Market Garden**—One of the BEST SECOND EARLY PEAS. It is extremely prolific and bears its pods always in pairs. Try a few. Pkt. 10c; pt. 20c; qt. 40c; peck \$1.25; bush. \$4.75.

FOR GENERAL CROP AND LATE USE.

- 48 in. **Telephone**—A sweet wrinkled Pea with very LARGE HANDSOME WELL FILLED PODS, AND VERY FINE TABLE QUALITY. The vines often bear 10 to 20 pods per stock, each containing 6 or 7 large peas. Pkt. 10c; pt. 25c; qt. 45c; peck \$1.40; bush. \$5.00.
- 24 in. **Stratagem**—An English blue wrinkled marrow; VINES OF SO STRONG GROWTH AS TO NEED NO SUPPORT, and remarkably free-bearing; peas very large and fine flavored, pods sometimes six inches in length and well filled. Pkt. 10c; pt. 25c; qt. 25c; peck \$1.50; bush. \$5.60.
- 60 in. **Champion of England**—The standard late variety for either market gardeners or private use. Pkt. 5c; pt. 20c; qt. 25c; peck 80c; bush. \$3.00.
- 36 in. **Black-Eyed Marrowfat**—Pkt. 5c; pt. 20c; qt. 30c; peck 65c; bush. \$2.25.

RHUBARB.—*Rhabarber.*

Sow in April in drills 1 inch deep and 1 foot apart when the plants are 3 or 4 inches high, thin out to 10 inches apart and cultivate well during the season; in fall or following spring, transplant into hills about 3 feet apart each way. The soil must be deep and heavily manured. Give a top dressing of manure every fall. One ounce of seed will produce about 1,000 plants.

Victoria—Large and tender. Pkt. 5c; oz. 15c; 1-4 lb. 45c; lb. \$1.50.

Linnaeus—Well known market variety; early. Pkt. 5c; oz. 15c; 1-4 lb. 45c; lb. \$1.50.

RADISH.

(All saved from select and transplanted roots.)

CULTURE.—Radishes delight in light, rich, mellow soil, and, to be crisp and tender, must make rapid growth. For very easy use, sow on a gentle hot bed in January and continue sowing every two weeks until September, choose the variety suited to the season. Sowings should be made in drills ten inches apart, and the plants should be thinned to two inches apart in the row. Sow Winter Radishes in July, and take up before severe frosts and store in sand or earth in a cool cellar.

Twenty Days Forcing—A new olive shaped radish of QUICK GROWTH, TAKING ONLY THREE WEEKS TO MATURE. The flesh is white and crisp. Owing to its short leaves it can be sown thickly. A great favorite with gardeners. Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. \$1.00.

Improved Chartier Radish—Color scarlet at top,

shading to pink in center, and white at the tip. Decidedly one of the best Radishes grown. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 75c.

Brigliest Long Scarlet—The handsomest Long Radish grown. Resembles the Early Long Scarlet; extraordinarily early, being fit for use in 25 days after sowing. Color brightest scarlet, tipped white; quality very good. Pkt. 10c; oz. 15c; 1-4 lb. 30c; lb. \$1.00.

Earliest Carmine Eriurt—One of the earliest sorts, turnip-shaped; color, fine carmine; it is remarkably mild, crisp and tender; has a short top. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 90c.

Improved Cartier.

Scarlet Turnip, White Tipped—A very attractive variety. Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. \$1.00.

White Turnip—Like above, but white. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 70c.

Olive Shaped Deep Scarlet—Very early, oblong in shape, skin scarlet, flesh rosy and tender. An excellent gardeners' sort for early forcing. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 75c.

Long White Strasburg or Hospital Radish—A white variety, large and showy, half long in shape, six to eight inches in length and about two inches in diameter, of the finest quality. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 85c.

Scarlet China Winter—A good winter sort; flesh white and quite pungent. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 75c.

White Strasburg.

Long Black Spanish—Large, skin black, flesh firm and white; milder than the round. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 65c.

French Breakfast—For early forcing; oval in shape; color, scarlet tipped white; very crisp and tender. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 70c.

Long Scarlet Short Top—Root is long, growing half above ground, straight, smooth and of a rich scarlet color; very crisp, quick grower. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 60c.

SQUASH.

Use slug shot for the bugs.

CULTURE.—Plant when weather is warm and settled, in richly manured hills, 3 to 4 feet apart, for the bush varieties and 6 to 9 feet for the running sorts. Sow 8 to 10 seed to the hill, thinning to 3 plants when danger from bugs is past. Three ounces will sow 100 yards. 4 to 6 pounds are required per acre.

White Bush—Light cream colored, scalloped; very early and productive, grows to a good size. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 60c.

Large Golden Bush—(Gardener's Select Stock.) Early, pale yellow, very handsome and uniform. Our strain of this is the best of all the very early squashes. Pkt. 5c; oz. 15c; 1-4 lb. 25c; lb. 85c.

Yellow Bush—The old standard strain. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 60c.

Summer Crookneck—Early and prolific; quality good; skin yellow and warty; fine for summer. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 60c.

Boston Marrow—A standard sort of fine quality, rich orange color and splendid keeping qualities. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 60c.

Mammoth Chili—The largest of all squashes, often attaining a weight of 200 pounds, without losing its fine shape and good quality. The flesh is very thick, of a bright orange color, and keeps well throughout the winter. It is very productive, and will be found very profitable for stock feeding. Pkt. 10c; oz. 20c; 1-4 lb. 40c.

Hubbard—A standard variety and a favorite; flesh a bright yellow, fine grained, very dry, sweet and of fine flavor, and a fine keeper. The best winter sort. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 75c.

Marblehead—A winter sort resembling the Hubbard, but with harder shell and bluish color; very solid and heavy. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 75c.

SALSIFY, (*Vegetable Oyster*.)

CULTURE.—Sow early in spring in drills 15 inches apart and 1 to 2 inches deep, thin to 6 inches apart. Soil should be very deep and mellow, in order that root may grow straight down. Store same as carrots for winter use or they can be left in the ground until spring. One ounce of seed will sow about 50 feet of drills.

Vegetable Oyster—The standard variety. Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. \$1.00.

Mammoth Sandwich Island—This variety is of enormous size, twice as large as the ordinary variety; pure white, very tender and delicious. Invaluable for market gardeners. Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.50.

SPINACH.

One ounce will sow about eighty feet of drill; ten pounds to an acre.

This makes the finest "greens" of any plant in cultivation. For summer, sow early in spring in deep, rich soil in drills one foot apart, cover one inch. Sow at intervals of two weeks throughout the season. For very early spring use sow the winter varieties first of September, and protect by covering with straw.

Extra Large Round Leaved—Our stock of this is very fine. Oz. 5c; 1-4 lb. 15c; lb. 30c.

Prickly Seeded—Very hardy, good for winter planting. Oz. 5c; 1-4 lb. 15c; lb. 35c.

Long Standing—New. Slow going to seed. Oz. 5c; 1-4 lb. 15c; lb. 35c.

TOMATOES.

CULTURE.—Sow the seed in March or April in the hot-bed, or in a box in a sunny place in the house. To make very healthy, stocky plants, they may be transplanted when two or three inches high. When five or six inches high, if the ground has become warm, transplant to the open ground. Set plants four feet apart.

Livingston's Beauty—The tomatoes are borne in clusters of four or five, and are round, smooth and of a glossy crimson color, slightly tinged with purple. It is very solid and free from cracks and rot; will ripen up nicely if picked green, and on account of its solidity and toughness of skin, cannot be excelled for shipping. Pkt. 5c; oz. 20c; 1-4 lb. 65c.

Perfection—Color, blood red, skin very smooth; solid and of good quality; ripens evenly and is very productive. Pkt. 5c; oz. 20c; 1-4 lb. 65c.

Atlantic Prize—One of the earliest tomatoes grown. Its most important feature is EXTREME EARLINESS. The fruit is borne in immense clusters, very solid, of good color and of finest quality and ripens very evenly. Pkt. 10c; oz. 20c; 1-4 lb. 60c.

Acme—Large, round, smooth, slight purple tint; early and a great bearer; one of the best. Pkt. 5c; oz. 20c; 1-4 lb. 65c.

New Yellow Peach—Deep lemon yellow. It has the same soft, leathery skin which is such a distinguished feature of the Peach variety and is equally desirable for cooking purposes. Pkt. 10c.

New Dwarf Champion—Vines dwarf and compact in habit, grow stiff and upright, with thick and short jointed

stems. IT IS REMARKABLY EARLY, RIPENING FRUIT AS EARLY AS JULY FIRST. Color purple; good size, fine quality, always smooth and very productive. Pkt. 5c; oz. 25c; 1-4 lb. 75c.

Turner's Hybrid or Mikado—New. Remarkable for its productiveness, great size and the solidity of its fruit. ENTIRELY FREE FROM GREEN CORE. The shape is round and even, but somewhat irregular in the very large fruits; color bright red. Pkt. 5c; oz. 20c; 1-4 lb. 65c.

Long Keeper Thorburn's—Claimed to be the longest keeping tomato ever introduced. Its long keeping qualities, earliness in ripening and great productiveness recommend it to all. Pkt. 10c; oz. 30c; 1-4 lb. 65c.

The New Stone (Livingston's)—VERY LARGE and of BRIGHT SCARLET color; VERY SMOOTH, RIPENING EVENLY to the stem without a crack; exceedingly solid and firm fleshed, quality the very best; a good keeper; not subject to rot. Pkt. 10c; oz. 20c; 1-4 lb. 65c.

TURNIPS.

CULTURE—For early use sow the small sorts as soon as the ground can be worked in the spring, in drills 14 inches apart, the rutabagas 30 inches. As the seed is very fine, it should be covered but slightly, excepting in very dry weather. Of the early varieties thin the plants to 6 inches apart and the Swedes to 1 foot. For fall and winter use, the early kinds should be sown from the middle of July to the middle of August, and the Swedes from the middle of June to the first of July.

Early Red Top—Strap leaf. Pkt. 5c; oz. 10c; 1-4 lb. 15c; lb. 45c.

White Egg—Large, early, solid, good flavor. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 50c.

White Flat Dutch—A popular well known early sort; fine for table use when young. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 45c.

Early Purple Top Munich—Very early; good quality; color white, with purplish white top; very productive. Oz. 10c; 1-4 lb. 20c; lb. 75c.

Yellow Aberdeen—Globe shape. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 45c.

Purple Top Globe—An improved variety of Red Top Flat Strap. As early but globular in shape, keeps well and is desirable for table or stock. Oz. 10c; 1-4 lb. 20c; lb. 50c.

Extra Early Red Top Milan—The earliest in cultivation, two weeks earlier than Purple Top Strap Leaf. Flat, of medium size. Flesh white, hard and of finest quality, it is an extra good keeper. Oz. 10c; 1-4 lb. 25c; lb. 90c.

Swedes, or Rutabagas.

Laing's Swede—One of the earliest; good quality; fine for table use; a good keeper. Oz. 10c; 1-4 lb. 20c; lb. 50c.

Carter's Imperial Swede—Yellow-fleshed, purple-topped variety; growing to large size; for table or stock. Oz. 10c; 1-4 lb. 20c; lb. 45c.

American Rutabaga—Good for table use or stock, yellow-fleshed, called "the best of Rutabagas." Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 50c.

VEGETABLE PLANTS.

This List is Subject to Change, Owing to Damage from Bad Weather, Insects, Etc., Etc.

BY EXPRESS OR FREIGHT AT PURCHASER'S EXPENSE.

Varieties offered are such as we grow for market, and those wanting something reliable can depend on getting it. Plants will be ready as soon as the season is suitable for transplanting in the open ground.

Early Cabbage Plants—READY ABOUT APRIL 15TH.

Doz. 100 1000

Early Jersey Wakefield, Henderson's Summer 10 \$ 60 \$4 00

Early Cauliflower.

READY ABOUT APRIL 15TH TO JUNE 20TH.

Henderson's Snowball, Extra Early Erfurt 15 1 00

Late Cabbage—READY JUNE 10.

Premium Flat Dutch, Luxemburg Fottler's Drumhead 10 25 2 00

Red Drumhead, Improved American Savoy 10 40 3 00

Pepper—READY MAY 10.

Large Bell or Bull Nose, Ruby King Golden Dawn, Cayenne 20 1 00

Egg Plant—READY MAY 10.

New York Improved 25 \$1 00 \$

Tomato—READY MAY 10.

Atlantic prize, Acme, Beauty Favorite, Dwarf Champion and Mikado (from seed bed) 10 75
Above varieties transplanted plants 20 1 00

Sweet Potato Plants—READY MAY 15.

Yellow Nansemond 40 3 00

Celery—READY JUNE 15.

Golden Self Blanching, Golden Dwarf Giant Golden Heart, Boston Market and White Plume 15 50 4 00
Price of Celery Plants after July 10 40 3 00

Early Cabbage and Tomato Plants in Boxes.

These will bring the earliest cabbage and tomatoes, as the growth is not checked when transplanted. Price, per box, containing 12 to 15 plants each, 20c.

SEED POTATOES.

Alexander's Prolific—We recommend this as one of the best. Skin white, well covered with rough netting, eyes few and lie even with the surface; flesh pure white with finest flavor; fine grained, dry and floury. Being long, large and white, it brings the

highest market price. Pk. 60c; bu. \$1.60; bbl. \$3.65.

Early Ohio—This standard extra early sort matures about 10 days before Early Rose. One of the best and most popular early varieties. Peck 60; bu. \$1.75; bbl. \$4.00.

FIELD SEED CORN.

Iowa Gold Mine—Recently introduced and pronounced by those who have tried it to be one of the finest varieties in the world. Quite early, with ears of good size, color bright golden yellow, grain is very deep and cob small. Try it. Price per lb. 30c; 3 lbs for 75c prepaid; not prepaid ½ peck 40c; peck 65c; bu. \$1.75.

Legal Tender—With the exception of "Iowa Gold Mine," it is considered the best variety of yellow

dent corn for Iowa, Illinois, Nebraska and the south. It is the result of about ten years' selection by a seed corn specialist in Mills county, Iowa, and has taken first premium at many state and county fairs. The corn is of uniform pure yellow color, a long ear and deep grain on a small cob, while the stalk does not grow too large. Per lb. 25c; 3 lbs. 60c prepaid. Not prepaid, ½ pk. 35c; pk. 65c; bu. \$1.50.

FLOWER SEEDS.

DISCOUNTS ON PACKETS—Customers are allowed to select flower seeds in packets to the value of \$1.25 for each dollar sent us. This discount applies ONLY to seeds IN PACKETS, buyers' selection, and does not apply to COLLECTIONS or to seeds by weight.

DIRECTIONS FOR SOWING, ETC—To insure success, the conditions and requirements of the several species as to soil, moisture, heat, light, etc., should be studied and then observed in culture. Below we give a few general directions for their culture:

The soil best adapted to most flowers is light, rich loam, containing enough sand to make it porous. If there is some clay with it the colors will be brighter. Make the surface as smooth and fine as possible, sow seed in rows, covering each sort of seed in proportion to its size (a good general rule being to cover twice the diameter of the seed) and press the soil down firmly over it. *Do not plant any seeds when the ground is wet.* Many varieties, such as Pansy, Verbena, Daisy, Hollyhock, and the fine greenhouse plant seeds, should be sown early in shallow boxes in the house, in soil consisting of equal parts of fine sand and rich mellow loam, well mixed together and sifted, to remove all gravel and lumps. Sow as before directed. Covering the box with glass helps to retain the moisture and keeps the temperature even. Be careful not to keep them too wet, and as soon as they are large enough to handle transplant into boxes, from one to two inches apart, where they are to remain until the time to transplant to permanent beds. We will always be glad to answer any questions from our customers, relative to the cultivation of any kind of plants.

Abrobra Viridiflora.

A free growing climbing gourd, with glossy green foliage and dazzling scarlet fruit. Hh. P. Pkt. 10c.

Abronia.

Charming trailer, with Verbena-like heads of sweet-scented flowers, blooming the whole season. Effective in beds, border, rock-work and hanging baskets. H. A. Pkt. 5c.

Acacia.

Elegant greenhouse shrubs, having fine ornamental foliage, and beautiful racemes of various shades of yellow globular flowers. Soak the seed in warm water before sowing.

Mixed—Fine varieties; 6 to 10 feet; Pkt. 5c.

Aconitum. (*Monk's Hood, or Wolfsbane*)

A hardy perennial, growing in any good garden soil, producing curiously shaped flowers in abundance.

Napellus—Very pretty blue and white flowers; 3 feet. Pkt. 5c.

Adlumia. (*Mountain Fringe.*)

An attractive climbing plant with pale green foliage, bearing small, pink and white blossoms in abundance. Pkt. 10c.

Adonis.

This pretty annual is of easy culture, has blood-red or deep scarlet flowers and handsome foliage. Set the plants one foot apart. It blooms from July till September. H. A. Mixed, 1 foot; pkt. 5c.

Dwarf Blue Ageratum.

Ageratum.

Valuable plants for large beds or border, and very useful where cut flowers are in demand; it blooms the whole summer; also good for winter blooming in pots, succeeding in any soil. Indispensable for bouquets. H. A. Mixed, 5c.

Agrostemma.

Very pretty, free bloomer, adapted for making showy beds, clumps and edgings, and fine for cutting. Can easily be transplanted, and should be set five or six inches apart. H. A. 12 inches. Pkt. 5c.

Alyssum. (*Sweet.*)

A free-flowering, useful plant, very attractive, producing flowers until killed by frost; useful for beds,

Alyssum—Little Gem.

pots, edgings or rock-work; much used for bouquets on account of fragrance. H. A. White. Pkt. 5c.

Little Gem—Of very compact growth, only 3 to 4 inches high, but a single plant will cover a space up to three feet in circumference. It grows quick from seed and the plants will bloom when quite young. The abundance of flowers is simply enormous. 300 flowers have been counted on a plant. Pkt. 10c.

Acroclinium.

Grows about 12 inches high, with beautiful everlasting flowers, much used for winter bouquets. Flowers should be gathered and dried before fully expanded.

Mixed—Rose and white. Pkt. 5c.

Ammobium Alatum.

An everlasting flower much used in bouquets of dried flowers. H. A. White. Pkt. 5c.

Alonsoa. (*Mask Flower.*)

Handsome, brilliant colored, free flowering bedding plants, blooming until killed by frost; thriving in any good garden soil; also good house plants; half-hardy annuals.

Mixed—All colors; 2 feet; pkt. 5c.

Anagallis. (*Pimpernal.*)

Dwarf, compact plants; adapted for baskets, rock-work, edgings and small beds; succeed best in light, rich soil, in a sunny situation; covered with various shades of flowers the whole summer; half-hardy annuals.

Grandiflora—Mixed. Pkt. 5c.

Amaranthus.

Plant grown exclusively for their foliage, and the late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage is scarcely equalled by any similar class of plants. H. H. A. Fine mixed, 2 to 4 feet; pkt. 5c.

Antirrhinum (*Snapdragon*)

Beautiful spikes of gay-colored flowers, produced abundantly the first summer until after frost, and also flowers well the second season. Should be in every garden. The Tom Thumb varieties are perfect gems in habit of growth and brilliancy of colors. Mixed; pkt. 5c.

Aquilegia. (*Columbine.*)

A very showy class with curiously shaped blossoms, in great variety of colors; ranks among the first early spring flowering plants. H. P.

Double Varieties—In finest mixture, pkt. 10c.

Single Varieties—All colors, mixed, pkt. 5c.

Asperula.

A pretty little annual of dwarf habit, growing about 10 inches high, bearing numerous clusters of small, sweet-scented, light blue flower. H. A.

Azurea Setosa—Pkt. 5c.

Asters.

Improved Victoria White—Undoubtedly the most handsome Aster in cultivation, of which we have an excellent strain. Flowers very large and double, globular shape and beautifully imbricated; plants are of fine pyramidal form, 1¾ feet. Pkt. 10c.

Improved Victoria—The finest Aster grown. Finest mixed, pkt. 10c.

Victoria Needle—In habit of growth similar to Victoria, flowers very double; petals consist of tubes or quills; a very attractive sort. 1-4 feet. Choice mixed, pkt. 10c.

Improved Dwarf Pyramidal Bouquet—A magnificent dwarf variety, about 10 inches high. When well grown, a single plant forms a complete bouquet of pyramidal shape, and covers itself with blossoms. Choice mixed, pkt. 10c.

Pæony Flowered Perfection—Large and remarkably fine flowers with long, beautifully incurved petals, resembling those of the Pæony. One of the finest Asters. 2 feet. Choice mixed, pkt. 10c.

Crown—Central petals of purest white, making a striking contrast to the large, brilliantly colored petals; very effective. 2 feet. Many colors mixed, pkt. 10c.

Dwarf Chrysanthemum. Flowered—Of very compact growth; flowers from three to four inches in diameter and very abundant; later than other varieties, and therefore valuable for succession. Choice mixed, pkt. 10c.

Fireball—The most brilliant Aster ever introduced, producing an abundance of flowers of the brightest scarlet. It forms a neat, well-shaped bush about 10 inches in height and is literally covered with flowers, a single plant often producing from 30 to 40. Very effective if planted in beds and borders, also valuable for pot culture. Pkt. 10c.

Tall Asters—In great variety and many different classes mixed. Pkt. 5c.

Dwarf Asters—In great variety and many different classes mixed. Pkt. 5c.

Balsam. (*Lady's Slipper, or Touch-Me-Not.*)

These are old favorites with everyone, owing to their handsome double flowers, brilliant colors and stately growth. To produce very double flowers, they must be transplanted into rich soil, 15 inches apart, in a sunny position, and frequently watered. Cutting out some of the side branches is also advisable, especially with the strong and bushy growing varieties. H. H. A.

Double Camelia, Flowered—Finest mixed. Pkt. 10c.

Snow White, Crimson Pink, and Flesh Color—Each separate. Pkt. 10c.

Balloon Vine. (*Love in a Puff.*)

A pretty, rapid growing climber, very ornamental; thrives best in a light soil in a warm situation. 5 ft.

B. Vine—Flowers white. Pkt. 5c.

Bartonia.

A pretty, free flowering plant, with downy, thistle-like foliage. Height 2½ feet. H. A.

Aurea—Flowers a beautiful golden yellow. Pkt. 5c.

Bignonia. (*Trumpet Vine.*)

A much admired, hardy, deciduous climber, perhaps the most showy of all the flowering climbers. The brilliant scarlet, trumpet-

shaped flowers almost cover the vine. One of the best varieties for covering a wall, side of house or veranda 30 feet. P. H.

Radicans—Pkt. 10c.

Bocconia.

Japonica—The stately habit of this plant renders it

ASTERS.

most effective for lawn decoration. The foliage is large and finely cut, and for situations where single specimen plants are desired, it can hardly be surpassed. Also well adapted for pot culture. H. P. 5 to 8 ft. Pkt. 10c

Batchelor's Button. See *Centaurea Cyannus*
Balsam Apple. (*Momordica*.)

Very curious trailing plants, with ornamental foliage and golden yellow fruit, which opens when ripe, showing the seed and its carmine interior. 10 feet. H: H. A.

Balsamina—Balsam Apple. Pkt. 5c.

Charantia—Balsam Pear. Pkt. 5c.

New Red Balsam Apple.

(*Mormedica Involucrata*.)

A beautiful new, rapid growing luxuriant climber from the mountains of Natal. The vines are strong, climb high and in every direction, rapidly covering trellises, arbors, etc., with vivid green deeply cut foliage. The flowers are borne in profusion and are very large, some are creamy white, dotted with black, and others pure white with red pistils. The flowers are succeeded by beautiful sulphur-yellow fruits two inches long, which change to rich carmine-scarlet; when ripe they burst and show the seeds of blood-red color. As the fruits and flowers are borne on the vine at the same time, the gorgeous effect can be imagined. Pkt. 10c.

Brachycome. (*Swan River Daisy*.)

A dwarf, free bloomer, excellent for baskets and edgings; blue flowers. H. H. A.

Iberidifolia—1 foot. Pkt. 5c.

Browallia. (*Amethyst*.)

Valuable bedding plants, flowers produced in great abundance and very showy. Does well in green-houses and for house culture when sown in August. Height, 1½ feet. H. H. A.

Elata—Blue. Pkt. 5c. **Alba**—White. Pkt. 5c.

Tuberous Begonias.

These continue year by year to increase in popular favor and are now considered the foremost among flowering plants for pots or for bedding. Enormous quantities are used in all the public parks where they invariably elicit the most generous admiration. For brilliancy and variety of colors there is nothing to equal them. Considerable time and expense has been bestowed on the hybridization and improvement of these plants, resulting in wonderful changes from the old types, and we now have flowers measuring from 5 to 7 inches across, almost round, of leathery substance, produced continually throughout the whole summer and autumn, and last, but not least borne upright on stout stiff stalks. Far superior to geraniums for bedding. The seed should be sown in February or March.

Single—Choice mixed, pkt. 25c.

Double—Choice mixed, pkt. 50c.

New Begonia Vernon.

This beautiful new Begonia has been universally accepted as the most useful and really meritorious seed novelty introduced for years. In habit and freedom of bloom quite resembles the well-known Begonia Semperflorens; its numerous flowers are of a brilliant orange-carmine color and the foliage a glossy red, which grows more intense with the advancing season, the staminate flowers with their bright yellow centers give the last note of color and contrast admirably with brilliant red flowers and metallic foliage. Above all, it blooms with the greatest profusion throughout the entire summer and is destined to be one of the most popular of bedders for parks and lawns as well as highly satisfactory for pot culture. Pkt. 10c; 3 pkts. for 25c.

Beet.

Dracaena-Leaved—A very showy and effective foliage plant, with almost black glossy leaves resembling those of the Dracaena. Pkt. 5c.

Mammoth Chilian—Another very showy beet. The leaves are 3 feet long and one foot wide, sometimes a reddish green, or an orange-scarlet with a metallic lustre. Pkt. 5c.

Bellis Perennis. (*English Daisy*.)

Very pretty double red and white flower, desirable for borders. Thrive well in shady places. 4 inches. H. H. P.

Best Double—Mixed. Pkt. 10c.

Longfellow—This variety produces dark rose flowers unusually large and double, having very long and stiff flower spikes; valuable for bouquet. Pkt. 10c.

New Snowball Daisy.

A sport of that charming variety Longfellow which possesses the good qualities of its parent; LONG STEM, FREE BLOOM AND LARGE DOUBLE FLOWERS, about 80 per cent of which are extremely large and snowy white, justifying its name. This flower needs no recommendation as a bedding and border plant. Pkt. 10c.

Cacalia. (*Tassel Flower*.)

A profuse and beautiful flowering plant, tassel-shaped flowers, growing in clusters on slender stalks, from which it is sometimes called "Flora's Paint Brush." Neat for bouquets. Mixed, 20 inches, pkt. 5c.

Calceolaria.

These belong to the showiest of the green-house plants. Their magnificently marked pocket-shaped flowers, produced in great abundance, make them highly decorative. Seed should be sown in July and August. Greenhouse perennial.

Hybrid—Finest mixed. Pkt. 25c.

Rugosa—(Shrubby.) Yellow, mixed, pkt. 50c.

Calendula. (*Pot Marigold*.)

Very handsome free flowering plants, producing a fine effect in beds and borders; succeeds in any garden soil. Height, 1 foot. H. A.

Calendula Meteor Fl. Pl.

Meteor—Beautifully imbricated double flowers, with stripes of deep orange on a pale yellow background. Pkt. 5c.

Prince of Orange—Surpasses even Meteor in beauty, the florets being striped with a more intense orange, giving the whole flower this brilliant hue. Pkt. 5c

Calliopsis or Coreopsis.

Few annuals produce more striking or rich and varied colors than these. The flowers are numerous and beautiful; remove the seed pods and they will remain in flower much longer. H. A.

Finest Mixed—Pkt. 5c.

C. Golden Wave—Probably the most effective of all annuals, for a mass of bright golden color. Plant very bushy and compact, about two feet in height, and covered from July to October with hundreds of beautiful golden blossoms, two inches across, with small dark centers. It will grow in any situation and always be greatly admired. Pkt. 10c.

Calampelis.

A quick growing climber, with an abundance of orange-colored tube-like flowers, borne in clusters; plant in sunny position and train on trellis; will bloom the first year if sown early. H. H. P.

Scaber—Pkt. 10c.

Calandrina.

Beautiful dwarf plants, suitable for rock work; succeed well in light, rich soil. 1 foot. H. A.

Grandiflora—Rich, rosy pink; handsome. Pkt. 5c.

New Dwarf Margaret Carnation.

(A Carnation that blooms the first year from seed.)

Plants dwarf and compact. They flower most abundantly, and throughout the whole year. 80 per cent. of flowers are very double, never burst, and embrace a great variety of colors. But of the greatest importance is the fact that THE SEEDLINGS BLOOM WHEN ONLY THREE MONTHS OLD,

and Carnation flowers can be had all summer and winter if some consecutive sowings are made. Pkt. 10c; 3 pkts. for 25c.

Carnation. (*Dianthus Coriophyllus Fl Pl.*)

This lovely flower, known to everybody, succeeds in any light garden soil, and will give better flowers than slips taken from old plants. The seed we offer is saved from the finest collection in Europe. H. H. P.

Fine Double Mixed—Pkt. 10c.

Grenadin—Dwarf, compact growth, flowers are of a deep salmon-red. Blooms some three weeks earlier than any other variety. Pkt. 10c.

Vienna Dwarf—The best garden sort, which produces a large percentage of double flowers. Pkt. 10c

Clarkia.

Very pretty flowers, very effective in masses; succeeds under almost any circumstances. H. A.

Elegans Flore Pleno—Many colors mixed. Pkt. 5c.

Campanula. (*Canterbury Bell.*)

A highly attractive class of plants, combining richness of color with stately growth; valuable for beds and borders. The perennial varieties, if sown early, will bloom the first season.

Double Annual Vars—In finest mixture. Pkt. 5c.

Perennial Vars—Many varieties mixed. Pkt. 5c.

New Golden Coreopsis.

(*Coreopsis Lanceolata*)

A hardy herbaceous perennial, easy to grow, very free to bloom, and one of the finest of yellow flowers. A most beautiful plant, which will last in its golden glory throughout the whole summer and fall. A plant everyone should have. Pkt. 10c.

Callirhoe.

Very pretty trailing plants suitable for bedding; commences blooming when very small. 2 ft. H. A.

Pedata—Flowers violet purple with white eye. Pkt. 5c.

Canary Bird Flower.

(*Tropaeolum Peregrinum.*)

One of the most charming climbers, bearing an abundance of yellow fringed flowers. Height, 10 feet. H. H.

Peregrinum—(*Canariense*) Pkt 10c.

Candytuft. (*Iberis.*)

Universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in April, flowers in July to September, and some of the sorts till frost comes. H. A. 1 foot. **White**—Pkt 5c.

Mixed Colors—Pkt. 5c.

Snowflake—Extremely free blooming new sort. The plants grow about seven inches high, forming a very neat round bush, covered with the finest pure white flowers. This is an excellent variety, both for pot culture and bedding outside. A CONTINUOUS BLOOM may be had through the summer by repeated sowings at intervals of about two weeks. Pkt. 5c.

New Empress—One of the finest varieties in cultivation. It

New Dwarf Margaret Carnation.

is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plants are of a VERY BRANCHING HABIT, and when fully grown and covered with its large trusses of PURE WHITE FLOWERS, resembles a floral candelabra. Do not sow too thickly. Pkt. 10c.

Celosia. (*Coxcomb*.)

A highly ornamental annual with feathery flowers, valuable for beddings and house culture. 1 to 3 feet. H. H. A.

President Thiers (*Glasgow Prize*)—This is the most dwarf of all Coxcombs and bears large crimson combs. It has been grown in Lincoln Park between or along side of rows of Golden Feverfew and *Centaurea Candidissima*, and when so planted made one of the most brilliant strips of border bedding ever seen, its heavy compact heads making a solid mass of crimson contrasting against the foliage of other plants. Pkt. 10c

Tall Sorts—Splendid mixture. Pkt. 5c.

Dwarf Sorts—In great variety. Pkt. 5c.

New French Cannas.

OR GLADIOLUS-FLOWERED.

This new and entirely distinct class of Cannas is of dwarf compact habit, producing FLOWERS SIMILAR IN SHAPE TO THOSE OF THE GLADIOLUS, but EXCEEDING THEM IN BRILLIANCY, MARKINGS AND VARIETY OF COLORS, which includes all shades from light lemon and the deepest orange and red to cherry and the deepest magenta, many being beautifully marked, mottled and flamed. They are equally valuable for groups, solitary plants and for house decorations. If the seed, which should be previously soaked for twelve hours in warm water, be sown early in a pot and transplanted into not too rich soil, THE PLANTS WILL BLOOM THE SAME YEAR, from July or August until cut down by severe frost. Sow as early as possible. Pkt. 10c., 3 for 25c.

Cyclamen.

Well known and charming bulbous-rooted plants, with beautiful foliage and handsome, delicious fragrant flowers, largely used by bouquet makers. Universal favorite for the greenhouse or parlor and for

winter and spring blooming. If sown early in spring they make flowering bulbs in one season; they require sandy loam. H. H. bulb.

Persicum—Finest mixed, 6 inches. Pkt. 25c.

Cintrosema Grandiflora.

A hardy perennial vine of rare beauty. It blooms early in June from seed sown in April, and bears in the greatest profusion inverted pea-shaped

Chrysanthemum.

flowers $1\frac{1}{2}$ to $2\frac{1}{2}$ inches in diameter, and ranging in color from a rosy violet to reddish purple, with a broad, feathered white marking through the center, while the large buds and back of the flowers are pure white, making it appear as if one plant bore many different colored flowers at one time. Occasionally plants produce pure white flowers, while others are broadly margined with a white feathering. The flowers are produced in great abundance, sometimes 6 to 8 in a cluster. It is well adapted to every garden purpose, and especially as a climber. Pkt. 10c.

Centaurea.

Centaureas are a large family; said to be perfectly hardy.

Centaurea Cyanus—Known as Batchelor's Button and Corn Beetle; various colors mixed, pkt. 5c.

Centaurea Gymnocarpa—Dusty Miller; pkt. 5c.

New Double Cornflower.

(*Centaurea Cyanus Fl. Pl.*)

Cornflowers have ever been favorites with all flower lovers, and we are satisfied that this new introduction will meet with a hearty welcome. In addition to the doubleness of the flower, this strain contains a number of new shades. Pkt. 10c.

Chrysanthemum.

Owing to the great usefulness of the annual Chrysanthemum the demand has for the same, especially among the florists, more than trebled in the last few years; in fact there is no annual which furnishes so many cut flowers as these. They bloom until fall, and make lovely plants for beds, borders, etc. H. A. C. **Coronarium Album Pl**—Double White, 2 feet. Pkt. 5c. Double Yellow, 2 feet. Pkt. 5c.

Burridgeanum—Single crimson, white center, 1 foot. Pkt. 5c.

Carinatum Eclipse—An excellent showy new variety. Its large single flowers are $2\frac{1}{2}$ inches in diameter, and exhibit a striking contrast in the markings; they are pure golden-yellow with a bright purplish-scarlet ring on the ray florets, the disk being dark brown. Pkt. 10c.

Chrysanthemum Maximum.*Or Large Ox-Eye Daisy.*

A free blooming plant, not more than two feet high, forming a large bush, which is literally smothered with pure white flowers. A grand border plant and

CINERARIA.

the flowers are well adapted for cutting, lasting over a week when cut. This is really a first-class plant, and well deserving a place in every garden. Pkt. 10c.

New Summer-Blooming Chrysanthemums.*(DELAUX STRAIN.)*

A new race of Chrysanthemums that is remarkable for earliness, size form and variety of colorings. The introducer claims that seed sown in the hot-bed in February or March, or even in April will give plants, which transplanted into the open ground and given only the usual care and attention, will bloom in August or September, while plants produced from cuttings will bloom earlier. Seed, mixed colors, a large per cent of which will come double. Pkt. 25c. Plants in Pink, white and yellow, each 25c.

Cowslip.

A very free blooming early spring flower, useful for borders. H. P. Mixture of fine varieties. 9 in. Pkt. 5c.

Coboea.

Scandens—Handsome bell-shaped purple flowers, 20 feet. Pkt. 10c.

Clitoria.

Clitoria Ternatea—It is one of the most beautiful climbing annuals with flowers somewhat resembling those of the Sweet Peas in shape, but of that rich and peculiar blue which we find among some perennial Delphiniums and is quite unsurpassed by any other climber. The flowers have a light blotch in the center which serves to still further intensify the richness of the coloring. It can be grown in pots and in the garden, but is not a very strong-growing climber; good soil and an occasional application of liquid manure is essential to produce a succession of bloom. Pkt. 10c.

Cypress Vine. *(Ipomoea Quamoclit)*

A most beautiful climber, with delicate dark green feathery foliage, and abundance of bright, star-shaped rose, scarlet and white blossoms, which in the bright sunshine present a mass of beauty. Planted by the

side of veranda, tree or stake and trained properly there is nothing prettier. Mixed, Pkt. 5c.

Cuphea. *(Cigar Plant.)*

A well-known free flowering plant, profuse bloomers, during the summer, and also fine as a pot plant for winter blooming in the house. H. H. A. Pkt. 5c.

Collinsia.

Free-flowering hardy annuals, with flower spikes 18 inches high; flowers are borne in clusters about the same stalk. Sow seed in open ground.

Bicolor—Purple and white. Pkt. 5c.

Cosmos.

Bipinnatus—This plant is of strong growth, having elegant foliage, and for fall blooming has no superior. Seed sown in April or May and transplanted to open ground will produce plants five or six feet high by September, and from then till November will be covered with hundreds of blossoms three inches across. Planted in pots and brought inside to flower, like Chrysanthemums, they are grand. The colors are of various shades, from pure white to purplish crimson. Both foliage and flowers are unsurpassed for bouquets and vases; it is one of the most beautiful fall flowers, and will please all who grow it, with a little care and attention. Mixed, all colors, Pkt. 10c.

Cyclanthera.

Explodens—A handsome climber, growing ten feet high, with oval fruits which explode loudly when ripe. H. H. A. Pkt. 10c.

Cineraria. *(Cape Asters.)*

A favorite attractive tree flowering plant, blooming during the winter and spring months; perennials, but do best treated as tender annuals.

Hybrid—Choice mixed colors. Pkt. 25c.

Cleome Pungens.*(Giant Spider Plant.)*

This is a showy, robust growing plant, 4 to 5 feet high, producing long, curious spikes of flowers of bright rose color with long antennæ like stamens, giving a very graceful cloud-like effect. They are of easy cultivation, blooming even when the plants are small, and continuing until late in the season. Pkt. 10c.

Dahlia.

Every one knows and admires the Double Dahlia, but comparatively few are aware that it can be grown

so easily from seed and flowers so beautifully the first season that the purchase of bulbs is a needless expense. The single varieties have become very popular within the last few years. Take up the roots as soon as frost occurs in the fall and preserve in a dry, warm cellar. H. H. bulbs. **Double Mixed**, finest varieties, 2 to 4 feet; pkt. 10c: **Single Mixed**, pkt. 10c.

Dahlia. "Jules Chretien."

A new very dwarf single strain, growing only from 10 to 15 inches high, and flowering the first season from seed. It is a valuable bedding sort, flowering profusely through the summer from June to October. It is also fine for pots. The flowers are produced in great varieties of color, and stand well above the foliage. Mixed all colors. Pkt. 25c.

Dianthus Pink.

Datura. (Trumpet Flower.)

Hardy annuals, with large showy trumpet-shaped flowers that continue blooming until frost. 3 foot.

Fastosa Huberina—Mixed, very large double flowers, pkt. 10c.

Digitalis. (Fox Glove.)

A stately plant, flowers thimble shape and spotted, borne in dense spikes. Height 3 feet. H. P. Many colors mixed. Pkt. 5c.

Diotis Candidissima.

A silvery leaved plant from carpet beds and borders. Pkt. 10c.

Daisy. (See Bellis Perennis.)

Dianthus--Pink.

Beautiful class of pinks, hardy, will flower the second season if not allowed too flower to freely the first; sow in hot-bed, transplant dwarf varieties six inches apart. H. A.

Chinensis (China or Indian Pink)—Superb double varieties; mixed, pkt. 5c.

Imperials (Imperial Pink)—Double mixed colors; pkt. 5c.

Heddewigi—Finest mixed; single pkt. 5c.

Heddewigi Fl. Pl.—Double Japan Pink; splendid mixture, 5c.

Delphinium. (Larkspur.)

A.—PERENNIAL VARIETIES.

Formosum—Bright blue, white center; fine for bouquets and garden decoration. 3 feet. Pkt. 5c.

Nudicaule—Flowers bright orange red, borne on stems 15 to 18 inches high. Exceedingly pretty. Pkt. 10c.

B.—ANNUAL VARIETIES.

Very showy plants with pretty flower spikes; free bloomers; should be sown in fall or early spring.

Double Dwarf Racket—Finest mixed. 1½ feet. Pkt. 5c.

Tall Racket—Mixed, 2½ feet. Pkt. 5c.

Dolichos (Hyacinth Bean.)

A fine climber with edible seeds, flowers white, purple or lilac. Height 10 feet. H. A. Mixed. Pkt. 5c.

Escholtzia. (California Poppy.)

An exceedingly showy class of plants, bearing a profusion of rich yellow flowers. Sow the seeds when the plants are wanted to bloom, as they do not stand transplanting; thin to six inches apart. H. A. Many varieties mixed. Pkt. 5c.

Euphorbia Heterophylla.

(Mexican Fire Plant)

Grows to two or three feet high, in shape of a bush. Leaves at first are entirely green and form at the end of the branch into large whorls and bracts which turn red in mid-summer. As these colored bracts almost cover the plants, the effect is very striking. The seed should be sown in the house and the seedlings planted out by the end of May. The plants should be grown in a warm situation, fully exposed to the sun, which hastens the coloring. Pkt. 10c.

Euphorbia. (Snow on the Mountain)

A native of the west. Foliage is beautifully veined and margined with white. 1½ feet. H. A. Pkt. 5c.

Eutoca.

Free flowering plants suitable for beds and borders. H. A.

Viscida—Very pretty, attractive flowers. Pkt. 5c.

Edelweiss. (Gnaphalium Leontopodium)

The true and famous Edelweiss of the Alps. The flowers are of a downy texture, pure silver-white and star-shaped. Succeeds in almost any not too rich soil, with full exposure to the sun. Pkt. 25c.

Freesias.

Refracta Alba—These pretty bulbous plants with their

sprays of very fragrant and pure white flowers can be raised from seed and made to bloom the first

year. The beauty and delicate fragrance of these flowers will repay the care given. Pkt. 10c.

Scarlet Freesia (*Anomatheca Cruenta*)—This is much like a Freesia in all respects except that it does not flower so early. Its flowers are bright scarlet, blotched with dark carmine, and very showy. Pkt. 15c.

For-Get-Me-Not (*Myosotis*).

Pretty little favorite, with lovely clusters of fine delicate flowers. They succeed best in a damp, shaded situation, but thrive well in any garden soil. Height, 9 inches. H. P.

Alpestris—Blue. Pkt. 5c.

Victoria—The flowers are large and of a bright azure blue, with yellow centers, borne in dense umbels. The plants grow about 5 to 6 inches high, forming neat globular bushes from 16 to 18 inches in circumference. Pkt. 10c.

Gloxinia.

A magnificent class of house blooming bulbous plants, with handsome, bell-shaped flowers in a diversity of the richest colors. Our mixture contains

the finest of English, French and German strains and will produce the finest flower with spotted and blotched throats. Pkt. 25c.

Gaillardia. (*Blanket Flower*.)

One of the most brilliant and dazzling of garden flowers. Most suitable for bedding, producing large flowers in great abundance throughout the entire summer. 1½ feet. H. A. Fine mixed, pkt. 5c.

Picta Lorenziana—This new double variety produces large globular heads of various colors in great abundance throughout the entire summer. The seed offered is mixed, containing sulphur and golden yellow, claret, red and purple. Most valuable for cutting and bedding. Pkt. 5c.

Hardy Perennial Gaillardias—These rank undoubtedly among the choicest of Hardy Perennials, the flowers are large, very numerous, excellent for cutting and of the most brilliant shades of orange-crimson, scarlet and vermillion, and very often a combination of all these colors in one flower. Many colors mixed, pkt. 10c.

Godetias.

Of hardy annuals, none are more beautiful than

these, and if planted singly or in masses the effect is grand. They are of dwarf, compact habit of growth; the flowers are of handsome shape, in the most brilliant, as well as delicate colors, and produced in such a profusion that they completely hide the foliage. They are of very easy culture and will thrive in any common garden soil. H. A. Choice mixed, pkt. 5c.

Gourds—Ornamental.

Handsome climbers of rapid growth, producing fruit of peculiar and various forms. Tender annuals. Many sorts in finest mixtures, pkt. 5c.

Gilia.

Free blooming dwarf plants, valuable for mixed beds, rock work, etc. H. A. Mixed colors, pkt. 5c.

Glaucium. (*Horn Poppy*.)

Luteum—Very low plant, valuable for edging and massing; leaves silvery white, beautifully recurved; flowers yellow, bell-shaped. 2 feet. Pkt. 5c.

Globe Amarath. (*Comphrena Globosa*.)

Attractive everlasting, producing very freely large clover-like heads of flowers, useful for winter bouquets. Height, 2 feet. H. H. A. Many colors mixed, pkt. 5c.

Hedysarum. (*French Honeysuckle*.)

Snowy border plants with racemes of pea-shaped flowers. H. H.

Coronarum—Flowers red and white. Pkt. 5c.

Heliotrope.

Deliciously fragrant plants, excellent for bedding; also for house culture. Seed sown early bring flowering plants the first summer. H. H. P. Pkt. 10c.

Helianthus. (*Sun Flower*.)

Well known class of plants of stately growth; flowers sometimes of enormous size and brilliant color. Height, 4 to 8 feet. The new dwarf kinds are very showy and popular: every garden should have them. H. A.

Oscar Wilde—Flowers single and small, with jet black center. Pkt. 5c.

Nanus—A dwarf variety, with very durable orange colored flowers. 3 feet. Pkt. 5c.

Globosus Fistulosus—Flowers enormous, globular and of a rich saffron yellow. The very best. Pkt. 10c.

Helichrysum. (*Everlasting Flowers*.)

Very popular everlasting, with globular flowers, useful for borders and beds. When used for dyeing, the flowers should be picked before fully expanded. H. A.

Monstrosus Fl. Pl.—A mixture of many varieties. 2 feet. Pkt. 5c.

Namum Fl. Pl.—Many dwarf sorts mixed. 1 foot. Pkt. 5c.

Hollyhock. (*Althaea Rosea*.)

Old-fashioned favorite which should be in every garden. Seed should be sown in June and July to have flowering plants the next summer. Height, 4 to 9 feet. H. P.

Double White, Yellow, Crimson, Pink—Each, 15c.
Fine Mixed—Double, 10c.

Hibiscus.

Showy and ornamental annuals, with large and varied flowers. H. A.

Africans—Flowers Large cream colored with a brown center. Pkt. 10c.

Honesty. (*Lunaria Biennis*.)

The silvery seed pouches are interesting and pretty and desirable for house ornaments. 2 feet. H. B.

Honesty—Flowers purple, borne in racemes. Pkt. 5c.

Ice Plant. (*Mesembrianthemum*.)

Suitable for rock work, hanging baskets, etc., foliage thick and fleshy, and of a frosted wax-like appearance. H. H. A.

Crystallinum—Purple flower. Pkt. 5c.

Impatiens Sultani

Or *Zanzibar Balsam*.

A perennial balsam from Africa. The plant is of compact growth and produces an abundance of rosy carmine flowers. It is one of the most distinct and beautiful plants for window culture in winter; of easy culture. Per Pkt. 15c.

Jacobæa. (*Senecio*.)

Beautiful free flowering plants, densely covered with very double distinctly colored flowers. The dwarf sorts are especially adapted to bedding and edgings. H. A.

Elegans Fl. Pl.—Fine double mixed. Pkt. 5c.

Kaulfussia.

An acquisition from the Cape of Good Hope. Plants dwarf, compact and free blooming. 6 in. H. A.

Amolloides—Flowers blue. Pkt. 5c.

Lobelia.

Lobelia Erinus Alba.

A beautiful class of mostly dwarf growing plants. Their delicate, drooping habit and the profusion of their charming little flowers render them exceedingly fine for vases, baskets, bedding or edgings. H. A. Fine mixed, all varieties. 6 in. Pkt. 5c.

Crystal Palace Compacta—The best bedding variety; bright blue. 6 in. Pkt. 5c.

Linaria.

Beautiful dwarf free-flowering plants, well adapted to ribbon beds and rock work. H. A.

Reticulata Aurea—Has very large heads of bright golden yellow and deep purple. Pkt. 5c.

Cymbalaria (Kenilworth Ivy)—A very pretty climber. Pkt. 5c.

Lathyrus. (*Everlasting Pea*.)

Very ornamental, free flowering plants growing in any soil. Useful for covering trellises, verandas, etc. 6 ft. H. P. Mixed. Pkt. 5c.

Linum. (*Flowering Flax*.)

Most attractive bedding plants, making a mass of dense brilliant red. Height 2 feet. H. A.

Grandiflorum Coccineum—Scarlet; splendid color. Pkt. 5c.

Lophospermum.

Very graceful climber of quick growth, excellent hanging baskets. Flowers large, resembling the Fox Glove. H. H. A.

Scandens—Flowers rosy purple. Pkt. 10c

Lupinus. (*Sun Dials*.)

Desirable bedding plants of easy culture, with long graceful flower spikes, bearing richly colored, pea-shaped flowers. Will succeed in any common garden soil, but do not stand transplanting. H. A. Fine mixed, pkt. 5c.

Matricaria. (*Feverfew*.)

Eximia Crispa Fl. Pl.—Lovely little plants with

double white flowers and pretty curled foliage. 8 inches. Pkt. 10c.

Capensis Fl. Pl.—Double white, fine for bouquets. Pkt. 5c.

Marigold. (*Tagetes*.)

A well known half-hardy annual, of easy culture with rich and beautiful varied colored flowers. The African is the tallest and most striking in large beds, while the French are admirably adapted for small beds or as a foreground to taller plants.

African—Mixed varieties. Pkt. 5c.

El Dorado—Flowers are from 3 to 4 inches in diameter, imbricated and extremely double. The colors run through all shades of yellow, from the very light primrose to the deepest orange. Pkt. 5c.

Maurandia.

An elegant climbing perennial, but can be grown from seed and brought forward so as to flower well late first season in the garden. Sow early indoors, transplanting in June; flowers produced in profusion. Fine mixed, pkt. 10c.

Mignonette.

A well-known, delightfully fragrant, hardy annual, blooming throughout the entire season in the flower border; also fine for pot culture during winter and spring.

Parson's White—Distinct, almost white. Pkt. 5c.

Machet—The plants are of dwarf, pyramidal growth and throw up numerous long and broad spikes of deliciously scented flowers. Entirely distinct. Pkt. 10c.

Mimosa.

(*Sensitive Plant*.)

Curious and interesting plant with pinkish white flowers; the leaves close and drop when touched or shaken; they require a

mixed soil of peat, loam and sand. Tender annual. 1 1-4 feet. Pkt. 5c.

Marabilis. (*Four O'clock*.)

Handsome free flowering plants. Bloom the first year from seed and are treated like annuals. The flowers are produced in clusters on the summit of the stems. The roots can be preserved during winter like Dahlias. Finest mixed, pkt. 5c.

Mimulus.

The Mimulus, or Monkey Flowers, are beautiful, tender looking plants with almost transparent branches. Fine for baskets, under shelter of verandas and for culture in the house. Fine mixed, pkt. 10c.

Moscatus (Musk Plant)—Pkt. 5c.

Morning Glory. (*Convolvulus Major*.)

A well-known climber, free flowering; succeeds in almost any situation; height, 15 feet. H. A. Fine mixed, pkt. 5c.

Nigella Hispanica. (*Love in a Mist*.)

Free blooming plant, with blue flowers and very graceful foliage; grow in any garden soil. Height, 1 foot. H. A. Pkt. 5c.

Nemophila. (*Love Grove.*)

Dwarf-growing annuals, with a neat, compact habit of growth, and colors strikingly beautiful; if thinned to four inches apart they will present a dense mass of flowers. H. A. $\frac{1}{2}$ foot. Mixed, pkt. 5c.

Nicotina. (*Tobacco Plant.*)

Affinis—This recently introduced tobacco plant has given such entire satisfaction that it now occupies one of the most conspicuous positions among the ornamental plants of the flower garden. It attains a height of about 2 feet and produces an abundance of **LARGE PURE WHITE FLOWERS**, which expand fully in the morning and evening, **EMITTING A DELICIOUS FRAGRANCE.** If

the plants are taken up in the fall, cut back and potted, they will bloom all winter. Pkt. 5c.

Nolana.

Very pretty annual; trailing habit, with **Morning Glory-like flowers**, well adapted for rock work. 6 in. H. A. Mixed colors, pkt. 5c.

Nycterinia Capensis.

A sweet-scented little plant with

star-shaped flowers; valuable for rock work and edgings. Height, 6 inches. H. H. P. Pkt. 5c.

Nasturtiums.

These should be planted in not too rich soil. The dwarf varieties of *Nasturtium* are among the most useful of annuals for bedding, massing, etc., owing to their compact growth, richness of color and profusion of blooming. The tall sorts are admirably adapted for rock work, covering trellises or rustic work. The seed, picked young, is an excellent substitute for capers.

Tall Varieties—Choice mixed, pkt. 5c; oz. 25c.

Dwarf Varieties—Choice mixed, pkt. 5c; oz. 25c.

New Dwarf Nasturtium "Aurora"

Deep chrome yellow, the upper petals showing light reflexes, while the two lower petals are blotched with purplish carmine and marked with bright carmine veining. Pkt. 5c.

Oenother. (*Evening Primrose.*)

Derives its name from the fact that it opens its flowers just before the sun goes down. H. P. Mixed, pkt. 5c.

Oxalis.

Showy little plants, suitable for rock work, rustic baskets and the greenhouse; flowers of brilliant colors. Height, 6 inches. H. H. P.

Rosea—Rose colored, good bloomer. Pkt. 5c.

Petunia.

Finest Mixed—A very choice strain; partly made up from named large flowering sorts which will give an abundance of the choicest flowers in greatest variety of colors. Pkt. 10c.

Good Mixed—Many colors, pkt. 5c.

Dwarf Inimitable—Each plant forms a complete bush, 5 to 8 inches high, and is covered with

brilliant cherry-red flowers, each being marked with a clear white star. It is invaluable for bedding and pot culture. Pkt. 10.

Large-Flowering Petunias.

Superbissima Mixture—These are among the finest of the Petunias; the flowers are from 4 to 6 inches

Oxalis.

in diameter, the plants are of very sturdy, bushy habit, and can be faithfully recommended to all lovers of these pretty flowers. This mixture includes the well known Prince and Princess of Wurtemberg sorts. Pkt. 25c.

Fringed Sorts (Fimbriata)—A superb strain of elegantly, finely fringed flowers, measuring over four inches in diameter, remarkable for their brilliancy and variety of color. Our strain is the best in the country. Pkt. 25c.

Pansies.

We make a specialty of Pansies, growing our own seed and plants. Stock from which seed is saved is

selected from the best varieties obtainable and we claim our Pansies are second to none in this country. **International Mixture**—Contains a selection of the best, from the finest varieties grown, embracing all colors. This is undoubtedly one of the finest collections of Pansies ever sent out. Pkt. 25c; 5 pkts. for \$1.00.

Giant Bugnot—One of the finest strains of Pansies in existence. The flowers are of large size, great substance and of the most varied and attractive

markings and colors; each petal bears a blotch that runs out in delicate rays to the edge of the petal. Our "Bugnot" contains shades of red, bronze and reddish brown that are not to be found in any other Pansy mixture. Pkt. 20c; 3 for 50c.

Grant Trimardeau—Very large and showy. Pkt. 10c; 3 for 25c.

Choire Mixed—These excel in substance, perfection of form and variety of color. We can faithfully recommend our CHOICE MIXED PANSIES as very fine. Pkt. 10c; 3 for 25c.

Good Mixed—A fine mixture; pkt. 5c.

Black, White, Yellow and Blue—Each separate Pkt. 10c.

Perilla.

Excellent bedding plant with deep bronze foliage; very distinct and ornamental. H. H. A. Height, 15 inches. **Nankinensis**—Pkt. 5c.

Portulaca.

In brilliancy and beauty of color Portulacas are unrivalled. They delight in sunny situations and light soils, where they rapidly carpet the ground, each plant covering a space of about 15 inches in diameter; 6 inches. H. H. A. Finest single mixture, a great variety of colors; pkt 5c.

Double Rose Flowers Mixed—Unsurpassed for brilliancy of color and great beauty; pkt. 10c.

Platycodon Grandiflora.

A hardy perennial plant from Japan which produces all summer and abundance of star-shaped flowers, three inches across, of beautiful blue and white colors.

It is perfectly hardy, of easy culture and will last a long time, the plants increasing in size. Pkt. 10c.

Pentstemon.

Among popular hardy plants, few surpass Pentstemons for their usefulness and ornamental character. They commence to bloom in June, and continue until late in the fall. They are very attractive and indispensable for beds, borders and cut flowers. The flowers are half pendant, bell-shaped, and marbled in beautiful bright shades. They should be planted in a rich, open soil, and protected during winter. Don't fail to add this to your order.

Finest Hybrids—A splendid mixture; pkt. 10c.

Polyanthus.

These rank undoubtedly among the prettiest of plants for borders, rockeries, etc. When once established they grow in any common soil, but succeed best in rich soil, and position somewhere moist and shaded. One foot. H. P. Mixed varieties, 10c.

Phlox Drummondii.

This constant-blooming favorite is almost unequalled for richness of color. Well adapted for bedding and quite as desirable as the Verbena for their duration of bloom and fine display. H. H. A. Finest Mixed. pkt. 5c.

Phlox

Grandiflora.

The largest flowering kinds are a decided improvement on the Drummondii, producing flowers twice the size of the latter with the most brilliant flowers imaginable.

Splendens—Finest Mixed. Pkt. 10c.

Phlox Star of Quedlinburg.

The center flower petals, which are five in number,

are much elongated, from four to five times the length of the lateral ones, thus giving the flowers a most distinct and remarkable star like appearance, their attractiveness being greatly enhanced by the broad white margins, which border the edge of the petals. Many colors mixed, pkt. 10c.

Primula.

The Chinese Primrose is one of the finest pot plants for winter and spring, blooming in the house or conservatory; very profuse flowering, being in almost constant bloom all winter. Green house perennial.

Fimbriata, Alba and Rubra—Mixed, pkt. 25c.

Primula Obconica—Description in plant list; pkt. 25c.

Primula Florabunda—Description in plant list; pkt. 25c.

Mexican Primrose. (*Oenothera Rosea*.)

One of the most desirable plants for summer and autumn blooming. The plants grow about 10 inches high, are of a somewhat spreading habit and completely covered with large flowers three inches across, of a beautiful pink, veined with scarlet

and white center. They are useful both for pots and outdoors. They are easily raised from seed, and will thrive in almost any location; being extremely hardy, bloom till very late. Pkt. 10c.

Poppies.

Showy and ornamental plants with large flowers and brilliant colors. Very attractive in large beds, clumps and mixed borders. They are of very easy culture, and succeed in any garden soil; the seed should be sown where it is to remain, as they do not stand transplanting. 2 feet. H. A.

SINGLE VARIETIES.

New Peacock—Vivid scarlet and cherry crimson with glossy zone near base of petal. Pkt. 5c.

Danebrog—Brilliant scarlet with silvery white spot on each petal. Pkt. 5c.

Umbrosum—Rich vermillion with a deep shining spot. Pkt. 5c.

Victoria Cross—A true brilliant cross of white which extends through on both side of the petal while the large outside surface is a rich vermillion crimson. Pkt. 5c.

Mephisto—Glowing dark scarlet, rich velvety je black blotches which form the shape of a cross, contrasting strikingly with the rich scarlet petals. Pkt. 5c.

New Persian Poppy.

(*Papauier Laevigatum*.)

Brilliant deep scarlet with black spots surrounded by a clearly defined white margin at the base of each petal. The two outside petals of the flowers are of double the size of the two inside petals, so that each pair forms a separate round cup. Pkt. 5c.

DOUBLE VARIETIES.

The Mikado—Pure white at the back while the fringed edges are of brilliant scarlet. This is undoubtedly one of the most effective annuals. Pkt. 10c.

American Flag, New.

This plant is a remarkably strong grower, well branched, flowers extra large, very double, snow-white with each petal bordered with scarlet, the foliage is a beautiful green, which combination of colors suggested the name. The terminal point has a wider band than the sides, making it extremely showy, distinct from all others. Pkt. 10c.

Snowdrift—This charming new poppy produces pure snow white extremely double flowers of perfect form and large size. Pkt. 5c.

Double Danebrog—Brilliant deep red, marked at the base with a silvery white blotch, giving it the appearance of a white cross on a rich red ground. Exceedingly charming. Pkt. 5c.

Umbrosum Flore Pleno—Glowing vermillion with a deep black spot on each petal, very showy. Pkt. 5c.

Fairy Blush Poppy—Improved double fringed flowers, white tipped with rose. Pkt. 10c.

Somniferum Fl. Pl.—

(Double Carnation Poppy.)—Fine double fringed flowers, mixed colors. Pkt. 5c.

Hookeri Fl. Pl.—Double fringed varieties; beautiful shades. Pkt. 5c.

Iceland Poppies (*Papavernudicaule*.)—From the purest white and yellow to the deepest glowing orange, scarlet, and having a delicious fragrance. Mixed colors. Pkt. 10c.

New American Flag.

The Shirley Poppies.

Similar to the Wild scarlet Field Poppy of England and the Continent, but the range of color—extending from pure white through the most delicate shades of pale pink, rose and carmine to the deepest crimson—is so varied that scarcely two will be found exactly alike. Pkt. 10c.

Pyrethrum (*Feverfew*.)

Aureum (Golden Feather)—Beautiful gold leaved bedding plant. Pkt. 5c.

Single hardy flowering varieties. Pkt. 10c.

Potentilla.

Formosa—One of the most charming of hardy perennials, growing about two feet high and producing numerous flowers of a bright cherry red. Pkt. 10c.

New Dwarf Polyantha Rose.

Roses from Seed the first year. This remarkable little plant which we offer this season for the first time, is a native of Lyons, the home of Roses, and promises to be the first of a new race of remount, or Ever-Blooming Polyanthas, with two prominent characteristics; they bloom in four months after sowing, so that seeds sown in February in the house may be had in flower in May and June in the open ground, where they continue to bloom throughout the season. A large bed of these Roses, planted in open ground last summer, flowered with the greatest profusion until frost, giving about an equal profusion of single, semi-double and double flowers, borne in clusters. The plants are dwarf and bushy, growing only about one foot high, and very pretty for solid beds and borders. They are very hardy and may be treated as annuals. Pkt. 15c.

Ricinus. (*Castor Oil Beans*.)

A magnificent and highly ornamented plant of picturesque foliage and stately growth. H. H. A.

Sanguineus—One of the best; 5 feet. Pkt. 10c.

Rhodanthe.

Well-known everlasting flower, valuable for winter bouquets, but equally desirable as a bedding plant and for pot culture. 1 ft. H. H. A. Mixed. Pkt. 10c.

Salvia. (*Flowering Sage*)

The *Salvia* is one of the most beautiful of all flowers; the brilliant spikes of the scarlet flowers produce for months a dazzling effect. Of easy culture, and fine for massing and bouquets. H. H. A.

Splendens (Scarlet Sage)—Spikes of scarlet flowers; 2 feet. Pkt. 5c.

Scabiosa. (*Morning Bride or Sweet Scabious*.)

One of the handsomest summer border plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc. H. A. 1 to 2 feet. Mixed; all colors. Pkt. 5c.

The Snowball Scabiosa—Flowers two inches in diameter, of purest snow-white, very double, much more so than the old white variety, forming almost a complete globe, scarcely equalled in any other flowers. If plants are potted in the fall they will furnish pure white flowers until Christmas. Pkt. 10c.

Sweet Peas.

Showy, free blooming climber, and deservedly one of the most popular annals that enrich the flower garden. Plant 4 inches deep, and very early

Butterfly—White laced with lavender blue. Pkt. 5c; oz. 15c.

Painted Lady—Rose and white. Pkt. 5c; oz. 15c.

Crown Princess of Prussia—Bright blush. Pkt. 5c; oz. 15c.

White—Pkt. 5c; oz. 20c.

All Colors Mixed—Pkt. 5c; oz. 15c.

Invincible Carmine—Intense crimson carmine; the brightest colored of all Sweet Peas; oz. 20c; pkt. 5c.

Miss Blanche Ferry—Immense pink and white flowers; which possess deeper, richer coloring and are more fragrant than Painted Lady. Fully ten days earlier, of dwarf, compact growth; a profuse bloomer. Pkt. 5c; oz. 15c.

Eckford's Large Flowering Sweet Peas.

These deliciously perfumed new Hybrid Sweet Peas have become so well known during the past two or three years, that it is necessary to give a detailed description of them, their popularity being already so well established. The flowers (which, with proper culture, are double the size of ordinary varieties) are produced in the greatest profusion, some beautifully marked in the most gorgeous manner, others of rich, solid colors, soft and charming shades, suffused with entirely different tints, etc., of unsurpassed beauty and attractiveness. To secure the best results, seeds should be planted 3 or 4 inches deep, and as early as the ground can be worked in the spring, enabling the vines to get a good strong growth before the warm weather comes. Pkt. 10c; oz. 25c.

Sedum. (*Stone Crop*)

A dwarf little plant growing freely on rock work, vases, old walls, etc. Height 3 in. H. H.

Cæruleum—Blue. Pkt. 5c.

Saponaria. (*Bouncing Bet*.)

Handsome dwarf-growing plants with pretty star-shaped flowers; excellent for massing and edging. Height, 6 inches. H. A.

Calabriac—Deep rose. Pkt. 5c.

Sanvitalia.

Dwarf-growing; free-flowering plants; excellent for small beds or rock work.

Procumbens Fl. Pl.—Very double; flowers bright golden yellow and produced in great profusion. H. A. 1-2 foot. Pkt. 5c.

Slapiglossis.

A class of highly ornamental autumn flowering plants with beautifully veined and tinted-shaped flowers, rendering them effective in beds and borders. A very choice annual. Height, 1½ feet. H. H. A.

Grandiflora—Fine mixture of the new large flowering varieties. Pkt. 5c.

Snowflake Stocks.

New, dwarf-growing, large flowered, wall flowered leaved stock, which produces a vigorous main spike of uncommonly large and very double snow-white flowers, and when fully grown, numerous flowering side shoots also. Snowflakes is the earliest white, and one of the earliest of all Ten Week Stock and is admirably adapted for forcing. Pkt. 10c.

Sweet William

(*Dianthus Barbatius*)

A favorite of the old-fashioned garden; flowers richly colored and produced in large brilliant heads, which are very effective in beds or planted among shrubbery. Height, ½ foot. H. P.

Sweet William, Single—Many colors mixed, pkt. 5c.

Double—Many colors, choice mixed, pkt. 10c.

Stock-Ten Week

The Ten Week Stock is one of the most popular, beautiful and important of our garden favorites; whether for bedding, massing, ribboring or pot culture, it is unsurpassed, either for brilliancy of color, exquisite fragrance or profusion and duration of bloom. For winter blooming in the house, sow seed in June. H. A.

Dwarf German—The earliest summer variety; dwarf and free bloomer. 15 inch. Pkt. 5c.

Silene. (Catch Fly.)

A beautiful, early, free-blooming plant, adapted for beds, borders or ribbon gardening; of easy culture, growing in any garden soil. H. A. 1 foot. mixed, pkt. 5c.

Solanum.

A shrub with fine foliage, but especially admired for its small pepper-shaped scarlet fruit.

Hendersoni—(Improved Jerusalem Cherry. Pkt. 10c.

Thunbergia.

Beautiful climbers for greenhouse or some sunny spot in the garden. They are very profuse bloomers and have handsome foliage and flowers. Height, 4 feet. H. H. A. Mixed, all colors, pkt. 5c.

Torenia

Fournieri—Large sky-blue flowers with three indigo-blue spots and a bright yellow throat; is an excellent free-bloomer. Pkt. 10c.

Bailloni—Deep yellow and maroon. Pkt. 10c.

Verbena.

Mammoth Flowered—Flowers nearly twice the size of the ordinary sorts, of very brilliant colors and large, distinct eyes. Mixed, pkt. 10c.

Vinca.

Mixed Colors—Pkt. 10c.

Virginia Stocks. (*Chiranthus Martimus*).

Maritimus—Red, pkt. 5c.

Wigandia.

Caracasana—Vigorous growing plants, with very large ornamental foliage; very decorative. Pkt. 5c.

Wall Flower. (Gold Lack).

Flowers borne in dense spikes, large, deliciously fragrant, rich colors. Great favorite, especially with the Germans. H. H. P. **Single** Mixed, pkt. 5c.

Double branching sorts, extra mixed, pkt. 10c.

Wild Cucumber.

A well-known vine, common in many sections, and the quickest climber known for covering verandas, old trees and houses, trellises, etc., never suffering from the heat, but retaining its fresh and lively green

Verbena.

color; never infested with insects, and very profuse in bloom. It will sow itself and come up every year in the same place. Pkt. 10c.

Xeranthemum.

One of the everlasting flowers.

X. Plenissium—Mixed, pkt. 5c.

Zinnia.

Elegans, Fl. Pl.—Finest double varieties, mixed; large flowering. Pkt. 5c.

Alba—Double, pure white. Pkt. 5c.

FLOWERING AND ORNAMENTAL PLANTS.

NOVELTIES.

As regards novelties and scarce plants which have hitherto occupied the first pages of our catalogue, they will now be found under the various classes to which they belong. This arrangement we think will be much more convenient, as it will tend to avoid so much confusion in making out orders.

Abutilons,

Or as they are sometimes called, Flowering Maples, are plants of easy culture. If it is desired to grow

ERECTA.

them as pot plants, give a moderately light soil, shifting from time to time as necessary. They are very satisfactory plants, giving a profusion of bloom the year round.

Golden Fleece—Described as being the only real yellow Abutilon in cultivation. A free bloomer and cannot be too highly recommended. 10c.

Eclipse A pretty trailing variety with large foliage beautifully marked with deep green and yellow. Flowers deep green and yellow with crimson throat, fine for vases or large hanging baskets. 10c.

Erecta—Flowers stand up erect instead of hanging pendulous as in other varieties. Flowers are produced in great abundance on stiff flower stems and stand well out from the foliage where every flower may be seen. Color, a beautiful orange pink; very attractive. 10c.

Snow Storm—Pure white. 10c.

Fire King—Fine fiery red flowers. 10c.

Rosy Morn—Soft rose color. 10c.

Mesopotamicum—Variegated foliage; trailing habit, bearing pendant flowers in great profusion; excellent for baskets. 10c

Thompsoni Plena—Double and of a rich orange color, striped with deep colored veins. 10c.

Achyranthus.

These plants are valuable mainly as ribbon lines or border plants where high colors are wanted; the dark colors being very effective when used in this way. Three varieties. Price, 10c each; \$1 per doz.

Acalypha. (*Shrubby Coleus*.)

Grand bedding plant, used in the finest park beds, leaves as attractive as an Autumn Maple.

Macafeana—Brownish red leaf. Makes an elegant lawn bed. 20c.

Marginata—Same color, rose border. Each, 20c; doz. \$2.

Alternanthea.

No plants are so well adapted to carpet bedding as these. As the dwarf habit admit of pruning, they can be thus kept low and bushy, covering the space designed for them evenly and completely. They are largely used in all the public parks for this purpose. Price, 10c each; \$1.00 per doz.

Parychoides Major—Bronze, tipped with red; the brightest and most showy of all.

Rosea Nana (New)—Dense compact growth, so regular that it rarely requires clipping. In color it is entirely distinct from all others, being bright deep pink or rose.

Aurea Nana—Bronze rose and green.

Achelia Alba Flore Plena.

For description see list of hardy plants. 15c.

Achania Malvaviscus.

The upright flowering Fuschia; fine bedding and house plant, bearing brilliant scarlet flowers in abundance. 15 to 25 cents.

Ampelopsis Veitchii.

For description see list of hardy plants. 20c.

Agaves--Century Plant.

American variegated. Very picturesque plant for out-door decoration on the lawn or in vases; leaves are of a bright green, edged with yellow. Price, 25c to \$3 00.

Agathea.

The showy, daisy-like flowers of this little plant are handsome, and are very desirable for cutting.

Agathea Celestis—Flowers light blue, disc yellow. 10c.

Ageratum.

Fine winter or summer flowering plants well adapted for bouquets or cut flowers, etc., of easiest culture. Price 10 cents each; \$1.00 per dozen.

Cones Gem—Blue.

White Cap—Pure white.

Variegatum—Variegated leaves; flowers blue.

Amaryllis.

The Amaryllis are an interesting class of bulbs, desirable for growing in pots, producing show flowers that are very attractive and handsome.

Amaryllis Johnsonii—Dark red with white stripe, 50c. and \$1.00 each.

Alyssum. (Sweet.)

A low-growing, free-flowering plant; excellent for ribbon lines; variegated leaved variety, a fine showy basket plant. The individual flower is small but very sweet scented. Price, 10c each, \$1.00 per dozen.

Double—Pure white and very double.

The Gem—Flowers double white; foliage edged white.

Tom Thumb—A dwarf variety, never growing more than six inches high.

Aloysia Citradora

Lemon Verbena—A well known plant, the value of which consists in the delightful fragrance of its foliage; indispensable for bouquets. Price, 10 to 25 cents each.

Aloe.

Thick, fleshy leaves of a grayish green color, covered with yellow spots; large spikes of orange flowers. In four distinct varieties. Price, 25 to \$1.50 each.

Anthericum Repens Vitatum Var.

A most striking novelty; very valuable as a decorative plant, being well adapted for house culture; fine for hanging baskets. The foliage is of a bright green, beautifully striped and margined with creamy white leaves. 25 cents each. (See cut.)

Anthericum. the leaves. 25 cents each.

Aristolochia Elegans.

One of the best summer climbers; of rapid and dense growth. It bears profusely, even on small plants, its handsome and elegant flowers of a rich dark purple color, ornamented throughout with irregular branched markings of a creamy white, and having a yellow eye surrounded by rich velvety purple. 25 and 50 cents each.

Asparagus Plumosus.

(Climbing Lace Fern.)

A beautiful variety of elegant spreading form. The branches arch gracefully, and are exquisitely fine and lace-like, yet firm and strong, lasting for weeks when cut and placed in water. The fronds are 15 to 16 inches in length, and taper to a point from a width of

12 inches. One of the most beautiful decorative plants ever offered. Fine plants \$1.00 each.

Asparagus Tenuissimus.

We cannot praise too highly this beautiful new green-house plant. Its fine filmy foliage equals in delicate beauty the Maidenhair Ferns. The stems or fronds stand without wilting for a long time when cut, which will render it most valuable in fine cut flower work. If so desired, it can be grown like smilax or the Climbing Fern. 10, 25 and 50 cents each.

Aucuba Japonica.

(Japan Gold Dust Tree.)

Handsome Japanese shrub, with large glossy green leaves, thickly dotted with yellow, very ornamental. Price, 50c.

Aspidistra Variegata.

One of the best window plants, standing dust and gas well. The leaves are 8 to 12 inches long and 4 to 6 inches wide, of a deep green color distinctly striped creamy white. A splendid plant for ferneries or wardian case. 50 cts. each.

Azelia Indica.

A green-house plant, the flowers of which are of unsurpassed beauty, borne in large clusters above the

Azelia Indica.

small leaves; bloom from January to April; colors very rich in variety; large blooming size \$1.00 each.

Balm.

Variegated—Plant very fragrant, of drooping habit. Leaves beautifully edged with white. Good pot or bedding plant. Price 10 cents each.

New Rex Begonias.

Bertha McGregor—Leaf long-pointed and with six deep notches. Free, strong grower. Center of leaf is small, dark and palm-shaped; body of leaf solid silver, outlined with bronze; extremely elegant. 25c.

Annie Dörner—One of the finest, free bushy growers, very elegant notched leaves, deeply pointed. Coloring very rich, dark center, edge velvety in texture, enclosing a silky, pointed zone, showing the crossings of the red veins. 25c.

Lucy Closson—One of the richest and most beautiful of the Rex family. The coloring of the leaves is simply magnificent, being heightened by an intense rose red color, margined with olive green and Spotted with silver. Very fine. 25c.

Countess Louise Erdody—The peculiar feature of this new variety is the curious spiral formation of the leaf. But aside from this interesting point this

this variety has much to commend it. Its foliage is beautifully marked and shaded with silvery gray and coppery rose, the veins on both sides being a yellowish green. 25c.

Begonia Rex.

Rex or Ornamental Leaved—Beauty and richness of color, combined with an endless variety of markings and of easy cultivation they stand unrivaled for beauty and elegance as a house plant. They should always be kept half shady, moist and warm. Excellent for baskets. Ten choice varieties. 15 cts.

BEGONIA REX.

each. Large plants 25cents to \$1.00.

New Flowering Begonias.

Vernon—This is decidedly one of the grandest novelties introduced in many years. Flowers are of a brilliant orange carmine color and the foliage a glossy red, which grows more intense with the advancing season, the staminate flowers with their brilliant yellow centers giving the last note of color and contrasting admirably with the brilliant red flowers and metallic foliage. Above all, it blooms with the greatest profusion and is one of the most highly satisfactory plants for pot culture. It is also extensively used for bedding and is especially adapted for this use. Each, 15c.

Paul Bruant—A Begonia that grows rapidly in fine bushy tree form. The bloom is born in the greatest abundance, on long, graceful stems, and is of two forms, a part being very large and of a peculiar rose shade, the smaller forms being rose and white, the petals transparent; continue in bloom from November to May. Leaves, deep olive green. 15c.

Wettstenii—Leaf is peculiarly indented, color dark marbled green, shading lighter, with a line of scarlet at the edge. The flower is quite similar to Rubra, but is a brighter shade. 15c.

M. de Lesseps—Leaves very large and beautifully spotted with silver. A very strong, free-growing

SCHMIDTII.

variety that will succeed with any ordinary care. This is a wonderfully beautiful sort. Immense white flowers. 15c.

Glorie de Lucerne—A beautiful variety with flowers of the most beautiful rosy vermillion. The leaves are of a fine form, broad and deeply lobed, bronze-green above and purple below. 15c.

Listerii (Diadem)—New cut-leaved foliage Begonia. Leaves deep olive green, covered with silvery lustre and spotted gray. 15c.

Begonias.

FLOWERING VARIETIES.

Large plants 25c to \$1.00.

Alba Picta—Plants well branched and of graceful habit; leaves long and narrow, of deep olive green color, thickly covered with white spots. 10c.

Schmidtii—Handsome deep green, black shaded

RUBRA.

foliage; dense growth; pinkish white flowers. 10c.

Langunea—Thick leathery bronze leaves, red underneath. 15c.

Argentea Guttata—Purple bronze leaves, oblong in shape, with silvery markings, and is in every way a most beautiful Begonia. It produces white flowers in bunches on ends of growth ends. FINE—10c.

Semperflorens Gigantea Rosea—Fine large flowers of a clear cardinal red. Leaves a smooth, glossy green. 15c.

Agrostigma—Large leaves spotted white. Fine cluster of pure white flowers. 10c.

Bertha de Chateauricher—A bright current red; one of the best. 10c.

Metallica—Large glossy leaves, shaded dark green and olive, with a peculiar metallic lustre over all. Large deep rose colored flowers. 10c.

Multiflora—Flowers pink; very handsome. 10c.

Rubra—One of the finest winter flowering plants; color of flowers, bright scarlet, glossy and wax like. 10c.

Roseum—Beautiful shade of pink. 15c.

Sandersonii—Scarlet shade crimson, borne in profusion during the entire year; one of the best. 10c.

Begonia--Tuberous Rooted.

A comparatively new section of this beautiful tribe; flowers ranging through all the shades of crimson, scarlet, rose, orange, etc., double and single. They require the same treatment as the fancy leaved Caladiums, Gloxinias, etc., that is, the tubers are dried off in winter and started again in spring. Excellent for bedding purposes as they bloom the entire season until frost. Single varieties. 30c; 4 for \$1.00.

Bouvardia.

These are among the most important plants cultivated for winter flowers. They are also effective as

President Garfield.

bedding for garden; bloom from July to early frost. When kept for winter bloom they should have a warm, sunny place and plenty of water.

Alfred Neuner—Flowers are perfectly double, pure waxy white. 25c.

President Garfield—Same as A. Neuner except in color, which is pink. 25c.

President Cleveland—A grand single-flowered variety of the same habit as Elegans, with intense dazzling scarlet flowers; the brightest Bouvardia that has yet come to our notice. 25c.

Cactus.

An extremely curious and interesting genus of plants, many of the varieties producing magnificent flowers of the most brilliant and striking colors; succeeds best in a sandy loam mixed with a little peat. Water very sparingly. 25c; 5 varieties for \$1.00; large plants 50c to \$3.00.

Callas.

Aethiopica or Lily of the Nile—A fine house plant; it requires an abundance of water while growing, and should have a period of rest from May till August. 25c to 75c; small plants 10c.

"Tom Thumb" Calla Lily.

Little Gem (Elliott's)—The great value of this over the common Calla Lily lies in its dwarf habit and freedom of bloom. It rarely exceeds 12 inches in

height and blooms most abundantly. The flowers are not more than half the size of the common variety. 25c each; extra strong plants 75c each.

Richardia Albo Maculata—This plant belongs to the same order as Calla Ethiopica, with beautiful spotted leaves. It flowers abundantly during the summer months; the flowers resemble those of the Calla and are of a pure white shade with violet inside. It is a deciduous plant and should be kept dry in winter and started in the spring like a Dahlia. 10 to 75 cents.

Black Calla (Arum Sanctum)—The flowers of this remarkable plant are often a foot long and 7 to 9 inches across; color the richest velvety black, the spike which is also black grows a foot high. The flowers are sweet-scented. Cultivate like Calla. Extra large 90c.

Crozy's New Gladiolus-Flowered Cannas.

We have tested these grand new varieties on our grounds where their beautiful foliage and flowers was the admiration of all our visitors. The dwarf, but

tropical growth of the plants, combined with their beautiful Gladiolus-like flowers, render them one of

the most beautiful plants for the lawn. They are also of equal value as a pot plant for winter flowering, and for house decoration, or can be wintered like Gladiolus if desired. The following are the choicest of M. Crozy's productions:

WORLD'S FAIR—Bronze medal collection.

Alphonse Bouvier (medal awarded)—3½ ft. Leaves green, very strong, tall spikes, rich scarlet vermillion flower. One of the very best. Each, 30c; 4 \$1.00.

George W. Childs—3½ ft. Florets are more like those of Madam Crozy, but with more yellow on the throat and at back of flower, but only about two-thirds the size of the latter; the flower spikes are five inches in diameter, symmetrical and longer than any variety we have, and very striking in appearance; the spikes stand well above the foliage of the plants. Each, 40c; 3 for \$1.00.

Madame Crozy—(Medal awarded.) Compact growth; numerous spikes of very large flowers; clear vermillion bordered with gold; petals very wide and broadly rounded; foliage green. Surpasses even Gladiola and all Cannas; 3 feet. Each, 20c; 3 for 50c.

Star of '91—3 ft. Good foliage, and has a persistent habit of throwing up fresh sprouts from the base. Every sprout produces a flower spike. The color is glowing orange scarlet, faintly banded with golden yellow. Each, 20c; 3 for 50c; doz., 2.00.

Florence Vaughn—(Medal awarded.) 4¼ ft. Large flowers of the most perfect form; color brilliant golden yellow dotted with brightest scarlet; constant bloomer. Each, 50c; 3 for \$1.25.

Egandale—(Medal awarded.) 4 ft. Purple foliage; strong compact flower spikes; color current red; very fine and effective. 40c.

President Carnot—Leaves deep purplish bronze, flowers very large, cinnabar-crimson faintly spotted darker. A very elegant variety; 3½ feet. Each, 20c.

M. Laforcade—Dark purplish foliage; large flowers of currant-red color; petals quite round. Each, 20c.

Duc de Montmart—Vigorous, with round foliage of silvery-green; beautiful pale yellow, dotted closely with carmine. 20c.

Baronne de Sandrans—Leaves bright green, flower terra-cotta bordered golden yellow. Fine. 25c.

Antony Crozy—Foliage green; flowers bright rosy carmine. 20c.

Chevreul—Shining green leaves; center of petals carmine, bordered clear yellow. 20c.

Maurice Pivoire—Extra fine; silvery-purple foliage; extra large flowers; color, rich purple. 20c.

Wm. Pfitzer—Large beautiful foliage; grand round petaled flower; rich purplish plum-color. 20c.

Ehemanni—Large oval dark green leaves, immense red carmine flowers on long stems; it is a strong grower, attaining a height of 5 to 7 feet. 25c; \$2.50 per dozen

Emile Leclair—Golden-yellow, spotted crimson, orchid-like, foliage, pea-green. One of the best varieties. 15c. doz., \$1.50.

Flamboyant—Dark green foliage; flowers numerous purplish scarlet; vigorous growth. 15c; doz. \$1.50.

Mrs. Parmenter—Fine dark colored foliage, a strong grower, attaining a height of 5 to 7 feet. 15c; doz. \$1.50.

Mixed Varieties—15c; doz. \$1.25.

□ Carnations.

Tidal Wave—Very dwarf; flowers are very large; color a bright rosy pink slightly shaded salmon at first and growing somewhat lighter as they expand. 10c.

Nellie Lewis—(Novelty.) This lovely Carnation is a marvel of beauty. Flowers of largest size, and of

a color never before seen in Carnations, being of the most exquisite shade of pink, with light splashes of carmine. Each, 15c.

Mad. Diaz Albertina—(Novelty.) Flower very large, center round and full; color, a delicate flesh pink with a very strong clove fragrance. 15c.

Aurora—(Novelty.) Magnificent pink; a good bloomer with fine rich foliage. Each, 15c.

Silver Spray—Purest white; finely fringed, flowers very large, free bloomer, dwarf and compact. 10c.

Grace Wilder—A beautiful delicate pink, flowers large and clove-scented. 10c.

Hector—A king among scarlets, large flowers, splendid habit. 10c.

J. R. Freeman—Large crimson flowers, free bloomer; never bursts its calyx; fragrance like the old clove Carnation. Each, 10c.

Puritan—A new pure white variety; very fragrant and an early and continuous bloomer. 15c.

Fred. Dorner—A giant among Carnations; the flowers are frequently over 3 inches across, color deep glowing red. 15c.

Portia—The most intensely bright scarlet. 10c.

Lizzie McGown—New. Very fragrant of the purest white. 10c.

Golden Gate—New; rich golden yellow; flowers of largest size and freely produced. 10c.

NELLIE LEWIS.

Mrs. Fischer—New; white; very large; a remarkably prolific bloomer. 10c.

Daybreak—(Novelty of 1891.) A soft sea shell pink, and the most beautiful pink Carnation grown. 15c.

Dawn—Delicate pink or rose center; shading to pure white at edge. Fine. 10c.

Large plants 25 to 40c. Ready in September.

Cereus Grandiflora.

The night blooming Cereus; a most remarkable plant of the cactus tribe; flowers enormously large and of the rarest beauty. 25c.

Caspidium Filicifolium.

A fine graceful hard wooded and rapidly growing fern-like creeper from the Feejee Islands. Young plants 25c.

Clematis Jackmanii

For description see list of hardy plants. \$1.00 each.

Cuphea.

Cuphea Llava—(Tricolor or Red White and Blue Cuphea) Eighteen inches high, flowers twice as large as those of the old variety and much more beautifully colored. The tube is an inch and a half long, bright coral red on the upper side, pale pink beneath. At the end of the tube are two little petals of fiery scarlet that stand up like sails of a ship. The mouth is covered with a downy hair-like growth of a rich purple color from which

protrude two stamens, the anthers of which are pure white. A most beautiful and valuable addition to our list of bedding plants. Each 15c.

Platycentra—(Ladies Cigar Plant.) A well known ever blooming plant of neat habit, growing 12 inches in height; the tube of the flower is scarlet, with the end partly white and crimson; very useful as a ribbon line or front border plant. 10c.

Centurea Gymnocarpa

Attains a diameter of two feet, forming a graceful, rounded bush of silver gray, for which nothing is so well fitted to contrast in ribbon lines with dark foliage plants. As a plant for hanging baskets it is also unsurpassed, its drooping, fern-like leaves being very effective. 10 cents; \$1.00 per dozen.

Chæonstemma Hispida.

A most remarkable and continuous free-flowering plant. Flowers star-shaped and pure white, about a quarter of an inch in diameter, covering at all times the whole plant. Will do well in a cool room and is a fine house plant. 10 and 25c.

Cobaea Scandens.

A remarkable rapid climber, often attaining a height of sixty feet in a season, with beautiful foliage and producing large purple, bell-shaped flowers in great profusion during the fall months. 15 and 25c.

Cyclamen.

One of the finest winter-blooming plants grown and deserves to be cultivated more generally. The bulbs we offer are fine and of a good strain. 25 and 50c.

Cissus.

Discolor—Leaves beautifully shaded with dark green purple and white, the upper surface of the leaf having a rich velvet-like appearance, somewhat resembling a Rex Begonia. 25c.

Cocoloba Platyclada

Curious flat-stemmed, fern-like plant. Fine for baskets. 10 and 25c.

Cinnamon Vine.

A fine hardy climber, and well known in some parts of the country as Chinese Yam. The tubers grow very large and are edible, like a sweet potato. The vine is a beautiful rapid grower, producing sweet scented flowers. Price 10c each; 75c per dozen.

Caladium Esculentum.

Leaves of this plant grow to an immense size, sometimes two feet wide and three feet long, beautifully veined, does best when it has a good deal of moisture. As a single plant for lawns or large flower borders, it has no superior. 25c each.

Caladium Esculentum.

blossoms, with a delightful odor, which is dis-

Cestrum.

Parqui—(Night Blooming Jessamine)

—A plant of strong shrubby growth, with small, greenish white

CESTRUM.

pensed freely during the night only; of easy cultivation. Price 25c each.

Chinese Matrimony Vine—For description see list of hardy plants. 25c.

Chrysanthemums.

The Chrysanthemum attracts more than ever, universal attention. The autumn shows of this brilliant exhibition flower have been more generally and better attended in every large city of the land. This is rightfully so, for no flower blooms so freely or shows such an infinite variety of fanciful shapes and brilliant shades of yellows, browns, deep reds and purest white, while their ribbon-like petals are twisted, quilled and curved in the most attractive manner.

NEW VARIETIES.

J. C. Vaughan—Richest plum, crimson without any shade of purple. Flowers reflexed; very large. Each 15 cents.

H. Hallock—Rosy-pearl, of a marked waxy texture; color deepening toward centre. 20c.

Vivian Morel—Extra large flowers; petals long and loosely arrangee; a beautiful tight shade of pink; finest of its color. 25c.

Arche—New; fine clear yellow, flowers large and full borne on stiff stems; very free bloomer and by far the earliest and best yellow we have ever grown. 25 cents.

Christmas Pink—New. Immense flowers of a peculiar shade of pink, in perfection at Christmas. 25c.

The Queen—This superb Chrysanthemum won the first prize at the Madison Square Flower Show, as well as all other Eastern exhibitions, and made a clean sweep of it in the West, being awarded a Bronze Medal at the World's Fair. This grand double white is of the largest size and of great substance. Very rounded in form, incurving and full, as well as wonderfully robust in its growth. So far it is the head of all white Chrysanthemums. 25c.

Pandanus—Pure white; double flower of large size; very early. Each 10c.

Louis Boehmer, or Pink Ostrich Plume—Color an exquisite shade of silvery pink with deep rose on the inside of petals. These curve gracefully inward and have the same wonderful hair-like growth on them as those on Mrs. Alpheos Hardy. Each 10c.

Waban—Pink, very large full flower, broad petals, the outer of which reflex; those of the center incurve. Each 15c.

Ivory—The flower is a perfect white ball of good size, incurved. Especially desirable for all amateurs as a grand pot plant. Each 15c.

Potter Palmer—Flowers of immense size and of the purest white; silky texture. 15c.

Cyrus H. McCormick—Dark deep yellow, shaded bronze red. extra fine 10c.

S. W. Allerton—An immense pure white; fine for pot culture. 10c.

Ada Spaulding—The color is novel and distinct, the lower half of the flower being a rich deep pink, shading in the upper portion to the finest pearl white; petals very large and broad. 10c.

Harry E. Widner—Superb bright lemon yellow in color without shadings; flowers incurved and very large. Finest yellow grown. 10c.

OTHER VARIETIES.

PRICE 10 CTS EACH. \$1.00 PER DOZEN.

Cullingfordii—Dark mahogany crimson; extra fine. Excellent—Very large soft pink.

Kiota—Large, bright yellow; broad petals beautifully incurved and interlaced.

L. Canning—A chaste, pure white, very fine.

Lillian B. Bird—Very large, exquisite shade of shrimp pink.

La Triumphante—Enormous size; rose color; early.

Mary Edd—Snow white; medium size; extra early.

Mrs. Bowen—Old gold and reddish crimson; large. **Mrs. Winthrop Sargeant**—brilliant straw color, incurved. Very large.

Mrs. Mary Weightman—Chrome yellow.

Gold—Mrs. Richard Elliott—Bright yellow, reflexed; full and late.

Mrs. H. Cannell—Large, yellow, gracefully incurved.

Mrs. Irving Clark—Pale pink, immense size.

Robert Bottomely—Large; pure white; twisted and incurved.

Snowball (Mrs. S. Humphrey's)—Pure white, large and globular.

Walter W. Coles—Terra cotta or brownish orange color. Large and distinct.

Wm. H. Lincoln—Golden yellow; extra large.

Clerodendron Balfouri.

A hot-house climber, bright scarlet and white flowers, curious shape; admirable house plant. 25 cents each.

Coleus, Novelties.

10 cents each. \$1.00 per dozen.

Arthur Whitley—Purplish maroon flaked with rose.

Beckwith's Gem—Center of leaves crimson and scarlet, broad margin, green and yellow, turning to white and rose.

Corsair—Center of leaves white, densely spotted rose, green margin, heavily spotted maroon and black.

F. P. Dilger—Bronzy-red heavily flaked yellow, dark maroon and rose.

Rose Wright—Densely spotted, pale rose, narrow green margin spotted maroon with shades of yellow.

Coleus.

Price 10 cents each. \$1.00 per dozen.

Golden Verschaffeltii (Mrs. Hayes)—Like Crimson Verschaffeltii except in color, which is pure yellow.

Pres. Cleveland—Green bronze and red; very fine.

Wm. F. Dreer—Velvety maroon; rich.

Golden Bedder—Clear golden yellow.

J. Goode—Mottled yellow and green.

Speciosa—Green, with broad, yellowish white center.

Spotted Gem—Yellow, blotched crimson, green and orange.

Kirkpatrick—Creamy white center, green lobed margin.

Verschaffeltii—The best; dark blood red, solid color.

Coronilla Glauca.

A vining plant bearing bright yellow pea-shaped flowers, which are very fragrant. 15c.

Cyperus Alternifolius. (Umbrella Plant.)

An ornamental grass, throwing up stems about two feet high, surmounted at the top by a whorl of leaves, diverging horizontally, giving it a very curious appearance. Splendid for the center of vases, or as a water plant; also a fine pot plant. 25c.

Dracena Indivise.

Of all the plants in use for center of vases, baskets or for beds in the open ground, nothing is so valuable as this. From its graceful drooping habit it is sometimes called the "Fountain Plant." Price, \$1; large plants, \$3.00.

Variegated Dew Plant.

The variegation of the leaves, green and white, is very distinct, and the star like purple flowers contrast finely with the white foliage. Each, 10c.

DATURA CORNUCOPIA—Horn of Plenty.

In the wilds of South America, the past year, an old and experienced collector of Orchids came upon a floral gem which, while out of his usual line, impressed

him so much with its beauty, magnificence and striking appearance, that he secured all the obtainable stock and sent it to this country for introduction. The singular form, gigantic size, striking colors and pleasant odor of the flower make this novelty most conspicuous. The plant is of a very robust habit. The stem is thick, dark brown purple, shining as if varnished. The branches are very numerous, spreading symmetrically three or four feet in every direction. The leaves are large, of a dark green color. The flowers are trumpet-shaped, measuring eight to ten inches in length and five to seven inches across the mouth, and form three distinct flowers, growing each within the other, the throat and mouth of corolla, a most delicate French white, beautifully contrasted and marbled with royal purple on the outside. Produced in great abundance. Price 25c each.

Dahlias.

Double—Pot plants ready May 1, 10c each, \$1 per dozen. Dry roots 25c each; \$2 50 per dozen.

Single—Finest mixed, 15c; \$1.50 per dozen.

Daisies. (English.)

Snow Crest—(New)—Double white, a most distinct variety. The flowers are borne on long stiff stems from 6 to 10 inches long and are full to the center; well grown specimens are as large as a silver dollar. Each, 10c.

Longfellow—A beautiful pink with extremely large double flowers. 10c. 75c per dozen.

Deutsia.

For description see list of hardy plants. 25c.

Euphorbia Splendens.

(Crown of Thorns.)

This is a curious plant, having but few leaves, densely covered with spines an inch in length; blooms freely summer and winter; bright scarlet flowers, with a yellow center. 15 and 25c. Large plants \$1.00.

Eucharis Amazonica.

(Amazon Lily.)

A lovely hot-house plant, usually sending up stalks which bear five or six large pure white star-shaped flowers, four inches across; deliciously fragrant. It wants a warm atmosphere with plenty of water. 25c and 50c.

Euonymus.

Beautiful dwarf evergreen shrubs, (half hardy) good for hanging baskets, vases, etc. In winter their lovely variegated leaves having a striking and pretty appearance, not possessed by any similar plant.

Radicans Variegata—A very pretty variegated plant suitable for rock work or vases. 15c; large plants \$1.

Echeveria.

A genus of succulent plants, both novel and interesting. They are useful as pot plants for decorative purposes, or for bedding out in summer.

Sanguinea—Narrow pointed leaves; color, deep red. 25c.

Secunda Glauca—The variety used in the Chicago parks for ornamental beds, edgings, etc. 10c.

Erythrina Hendersonii.

(New Coral Plants.)

The great beauty of this plant cannot be told by a description. If set out in the open ground in spring, it blooms without intermission all summer. The flowers are large and brilliant, dark crimson in color, and fairly cover the plants when in full bloom. The roots can be lifted in the fall and kept over winter in the cellar like Dahlias. 25 and 50c.

Eulalias.

Japonica Zebrina—Unlike all other variegated plants, this has its striping or marking across the leaf, instead of longitudinally. It grows from 4 to 6 feet in height, forming a striking and graceful plant. The expanded flower spike resembles an ostrich plume and will last for years. 25c.

Gracillima—A grand hardy plant. Foliage very narrow and of a beautiful green color, midrib silvery white. Useful as a decorative plant. 25c.

SWORD FERN.

Ferns.

No plant forms more charming ornaments for the parlor than these, with their delicate and beautiful foliage. The best and most valuable as plants for wardian cases, ferneries and rock work where there is moisture and shade. In variety. 25c; 5 for \$1.00.

Sword Fern—A splendid extra hardy sort, well adapted for house culture, succeeding with ordinary care, with everyone who tries it. The fronds are often 4 feet long. Fine basket plant, throwing out runners which soon make new plants. 25c.

Ficus.

Repens—A plant suited especially in greenhouse decorations for covering

the walls, pillows, etc., making a fine dense mass of light green foliage; 15 and 25c.

Elastica—(Indian Rubber Tree)—Very large, smooth, leathery leaves; evergreen foliage; generally esteemed as one of the finest house plants grown, the plants growing to a large size and producing enormous green leaves, 35 and 50c. Large plants \$1 to \$10.

Festuca Clauca.

An ornamental grass with grayish-green leaves. Fine for baskets. Price 10c.

Feverfew.

Little Gem—A very dwarf variety of the double white Feverfew. 10c. \$1.00 per dozen.

Forget-Me-Not.

It delights in partly shaded, moist places, flowers light blue, in clusters; a great favorite. 10 and 25c.

Funkia Japonica.

(Day Lily.)

For description see list of hardy plants. 25c.

FUCHSIAS.

Two grand novelties that should be in every collection

Little Beauty—Flowers single, about 1½ inches long, sepals bright red, corolla purple. The plant is half dwarf, very compact and symmetrical. Extremely free flowering, as high as 150 flowers and buds have been counted on a single plant in a 4-inch pot. 35c.

Trailing Queen—(New.) This Fuchsia differs from all others in habit of growth. Instead of growing upward the young branches spread out toward the edge of the pot and then droop downward, continuing this way until the vines are four feet or more in length, and covered with handsome foliage. The flowers are borne in clusters, large, long and grace

ful. The corolla at first is deep violet purple, changing to crimson; buds, tubes and sepals rosy scarlet. A very profuse bloomer and vigorous grower. 25c. One each of the above novelties for 50c.

Fuchsias.

GENERAL COLLECTION.

Large plants 25 and 50 cents each.

DOUBLE VARIETIES.

Mrs. E. G. Hill—The grandest white Fuchsia ever grown. The tube and sepals are a bright, reddish crimson, corolla pure white, extra large and very double and a profuse bloomer. Price, 10c each.

Phenomenal—The largest Fuchsia grown. Tube and sepals bright coral red; the corolla nearly 2½ inches across, is of the very richest, violate shade; free bloomer. 10c.

Storm King "Frau Emma Topfer"—A fine double white of great freedom of bloom, but of moderate growth. 10c.

Cte Leon Tolstoi—Flowers very full, immense double corolla of a blackish blue color, large dark scarlet sepals. Extra fine. 15c.

Collin Campbell—Scarlet sepals; purple corolla. 10c.

Emperor of Brazil—Crimson tube and sepals; cor-

olla rich purple. 10c.

Monstrosum—Sepals bright rose; corolla pure white. 10c.

Purple Prince—Sepals bright red; corolla purple. Fine and showy. 10c.

SINGLE VARIETIES.

Gem of Lavington—Large single corolla rosy carmine, tinted violet. 15c.

Walter Long—Tube and sepals coral red, long single carmine corolla. Early. 15c.

Speciosa—Fine plush rose tube and sepals, reddish corolla. Good for winter blooming. 10c.

Guiding Star—Sepals blush; corolla purple. 10c.

Earl of Beaconsfield—Sepals rosy pink; corolla carmine; flowers three inches long. 10c.

Sunray—Tricolor-leaved Fuchsia. One of the most beautiful plants ever offered. Colors are rich and clear as any tricolor Geranium. The leaves, which are very large, are of a bright crimson, white and bronze green; flowers of fine form; corolla purple, sepals coral red. 20c.

Wave of Life—Bright scarlet tube and sepals; corolla violet blue; foliage yellow. 10c.

Farfugium Grande.

A valuable foliage plant for shady places; beautiful dark green leaves with large yellow spots. 15 to 25c.

Geraniums.

NEW DOUBLE VARIETIES.

Price 10 cents each unless noted.

Angra Pequena—Very large trusses of semi-double flowers, soft red in color, free bloomer. One of the best bedding sorts.

Beaute Poitevine—Very large semi-double florets of the most beautiful and distinct forms, and borne in immense trusses, very free bloomer and as a bedding variety it has no equal in its color, brilliant salmon, brighter at the edges.

Bonnat—Large spherical trusses, flowers full and of the finest form; brilliant carmine rose.

Janus—Currant shaded with magenta and lightened with orange.

Md de Rydellet—Dark salmon center, very clear.

Mrs E. G. Hill—A most distinct and pleasing shade of salmon, with a lighter blending at the center, trusses very large and composed of an immense number of florets.

Tour Eiffel—Beautiful bright orange scarlet.

NEW SINGLE VARIETIES.

Price 10 cents unless noted.

The Wonder.

This new Geranium, without doubt, is one of the finest that has ever been offered, came from France in a lot of fine sorts, and is supposed to be a sport from the scarlet Geranium, Athlete. It being so intense in color, such a wonderful bloomer and strong grower that it was kept separate and styled "The Wonder," from the fact that everyone who saw it pronounced it wonderful. The flowers are the most intense, dazzling scarlet, and are borne in trusses of enormous size, measuring from 18 to 20 inches in circumference with single florets measuring 7 inches in circumference. The foliage is fine, and rich in color, and in strong contrast to the brilliant scarlet flowers. As a pot plant or a bedding Geranium, it has no equal. Price 25c each.

Univers.

The finest single scarlet Geranium known.

A magnificent variety. Very dark crimson scarlet of a beautiful dazzling shade; florets extra large and round and produced in immense trusses. The most beautiful single scarlet and should be in every collection. 15c.

Boncenne—Clear vermillion scarlet with white eye.

Md. la Mise de Mortemart—Satin rose brightened by peach with flesh center.

Farfugium Grande.

New Peach Blossom Geranium.*(Souvenir de Mirande.)*

No engraving or description can do full justice to its rare beauty. The upper petals are crystal white

margined with rosy carmine, which shades to a peach-blossom pink. The lower petals are in the main a deep coral color, with a blotch of pure white in the center. This gradually merges into the coral, producing again the peach-blossom pink, as on the upper petals, the whole forming a charming combination. It should be in every collection. 15c.

Queen of the Belgians—

Pure white, not changing to pink in the hottest weather. 10c.

DOUBLE GERANIUMS.

The cream of older varieties. 10 cents each; 12 for \$1.00 unless noted.

B K. Bliss—Color, a rich tone of pure scarlet.

De Torry—Shell pink.

Ernest Leuth—Deep crimson and scarlet.

Golden Dawn—A rich golden orange shade.

Henry Cannel—Intensely deep scarlet.

J. P. Kirtland—Bright scarlet.

La Favorite—Finest double white.

M. Press—Rosy salmon, shaded carmine and white.

M. Pasteur—A beautiful crimson scarlet.

Mrs. Hayes—A beautiful light pink.

Mdm. Thibaut—Rich rose and violet.

M. Geoffery de Kergorlay—Clear orange red, trusses large and splendidly formed. A fine bedder.

M. Caro—Bright silver lilac.

Queen of the Fairies—Rich flesh color mottled with pearly white.

S. A. Nutt—Best of all rich dark crimson varieties.

Thomas McMurray—Very rich cerise-red.

Wilhelmine Inezedi—Fiery carmine rose.

SINGLE GERANIUMS—BEST OLD VARIETIES.

Price, 10 cents each; 12 for \$1.00.

King Olga—Undoubtedly the finest Geranium of its color in cultivation; petal brilliant deep pink, white at the base.

Leviathan—Bright crimson scarlet.

M Andreujol—Brilliant scarlet with white eye.

Single White—Free bloomer.

Ralph—Dark crimson suffused with amaranth.

General Grant—Scarlet; fine bedder.

Variegated Geraniums.

Price 10 cents each.

Battersea (Park Gem.)—Leaves deep yellow, margined with green; flower bright scarlet.

Distinction—Leaves regularly serrated with narrow black zone near edge.

Happy Thought—Large yellow blotch in the center of the leaf, with an outer band of green at the margin; flowers rich magenta rose.

Mad. Salleroi (silver variegated)—Very compact; fine for massing or bordering, 10 inches. Leaves very small, of a peculiar green, edged pure white.

Mountain of Snow—Green, edged pure white.

NEW PEACH BLOSSOM.**Bronze Geraniums.**

Earl Roslyn (New)—Bronze-red zone on a fine yellow ground. 10c.

Fanny—Beautiful in foliage and exquisite in flower; of a beautiful salmon-peach. 10c.

Fragrant Geraniums.

Nutmeg—10 cents.

Rose-Scented—10 cents each.

Variegated (Rose-Scented)—A variegated variety; leaves edged with creamy-white, sometimes assuming a pinkish tinge. 20c.

Skeleton Leaved—Rose Geranium with finely cut leaves. Fragrant. 10c.

Shrubland Pet—Flowers crimson. 10c.

Mrs. Taylor—Foliage scented; flowers scarlet. 10c.

Oak Leaved—Leaves marked with black. Resembles the leaf of the oak tree. 10c.

Ivy Leaved Geraniums.

The improvement made in this class of Geraniums is greater than in the zonale class. The varieties offered in the following set have flowers exceeding in size and brilliancy of color most of the double Geraniums. They are certainly grand and admirably adapted to either pot or hanging basket culture.

P. Crozy—A cross between the Ivy-leaved and Zonals, having the firmness and shape of the Ivy and the freedom of bloom of the Zonals. A rich vermilion red, shaded with orange; the nearest approach to a scarlet yet introduced. Semi-double trusses, often measuring 6 inches across and the single florets 2 inches. Each 20c.

Charles Turner—Best bloomer. Color light scarlet with soft rose tint, two upper petals veined with maroon crimson. For general purposes there is not one in all the list of Ivy geraniums that can compare with this superb variety. 15c.

L'Elegant.

Galilee—Flowers very large and double, fine rose color. 10c.

Joan of Arc—The flowers are perfectly double and white. 10c.

L'Elegant—Deep green foliage, with a broad band of creamy white around each leaf; often margined with pink besides. 15c.

Lucie Lemoine—Flower double rose. 10.

Genisto Canariense.

A low growing ornamental green-house shrub, with showy yellow flowers. 10 to 50 cents.

Gloxinas.

These are among the most showy and beautiful of all our summer blooming bulbous greenhouse plants, the rosette of velvety green leaves is surmounted with a cluster of trumpet-shaped flowers, the coloring is exquisite; the ground work of many is pure white with throats of blue, scarlet rose, or crimson, or the tubes are of bright colors, with white throats. The bulb should be started in a warm place, greenhouse hot-bed or sunny window. They will bloom late in the summer. After flowering they should be gradually dried off, leaving the leaves to die. The pots can be kept in a cellar or under a stage in the greenhouse in winter. Our collection embraces many choice colors. 25 and 50 cents.

Glechoma Hederacea var.

Nepeta.

A variegated form of the common ground Ivy, which is prettily marked with pure white on a bright green ground. It is hardy and of a vigorous growth like the parent variety, but unlike it, the leaves of this form have a refreshing fragrance similar to Mint. Excellent for hanging baskets and fine for cemetery planting, as it is entirely hardy and we think more ornamental than almost anything in use for that purpose at present. Price 10 cents.

Gladiolus.

Large bulbs which bloom during the summer or fall. The flowers are arranged on long spikes, and are very richly colored and often gorgeously marked and blotched. When good bulbs are purchased they are absolutely certain to bloom, and require no care whatever after being planted. Each bulb produces from three to four spikes, which continue brilliant for weeks. By planting Gladiolus at intervals of a couple of weeks from early in April until July, flowers can be had constantly from June until frost. Set the bulbs so that the top is about three inches below the soil. They should be taken up in the fall and kept in a dry cellar or cool closet until spring. Mixed varieties, extra fine, light shades; 10c.; \$1.00 per dozen. Common mixed 60 cents per dozen.

Heliotrope.

Large plants 25 to 50 cents.

Chieftain—Rich violet; best winter bloomer. 10c.

Garibaldi—Very light shade of lavender; one of the finest blooming varieties. 10c.

Mad. Blonay—The best; nearly pure white; dwarf; very free bloomer. 10c.

Hardy Pinks.

10 cents; \$1.00 per dozen.

Hoya. (Wax Plant.)

A tender plant with thick, fleshy leaves, growing moderately fast, bearing umbrels of beautiful flesh colored flowers, from which are exuded large drops of honey-like liquid; one of the best plants for house culture. It can be trained to climb on trellis work to almost any height; flowers remain in bloom upwards of five months.

Carnosa—Large flesh-colored flower. 25c.

Carnosa Variegata—A beautiful and scarce variety, leaves margined yellow. 50c.

Hydrangea.

Beautiful shrub plants adapted to rather shady locations; the large clusters of flowers resemble the snow ball, only being larger and remaining in perfection from two to three months.

Hydrangea, "Red Branched."

A variety having large panicles or rose red flowers, borne on bright red branches. The stems of the plant are, prune color, with specks of a lighter shade. 15c. Large plants 50c and \$1.

New White Hydrangea.

Stellata Fimbriata—The flowers are formed in im-

HYDRANGEA.

formense trusses, sometimes nine inches in diameter; pure white with crimson spots in center of each flower, slightly fringed. 25c.

GENERAL LIST.

15 cents; large plants 25c to \$1.
Otaska—A very beautiful variety, giving large clusters of blush pink flowers in great abundance.
Thos. Hogg—Fine pure white; free bloomer.
Paniculata Grandiflora—For description see list of hardy plants. 25 and 50c.

Hibiscus.

Large growing tropical shrubs; their rich, dark

HIBISCUS.

glossy foliage contrasted with their large, scarlet, bell shaped flowers, produces a fine contrast and

beautiful effects. **Double** and **Single** in great variety, 15 to 25 cents; large plants 50c and \$1.

Cooperii Tricolor—A handsome foliage plant, white, pink, deep red and green mottled. A plant of rare beauty. Try it. Each 20c.

Hardy Herbaceous Hibiscus—For description see list of hardy plants. 25c.

Honeysuckle.

For description see list of hardy plants. 25c.

Helianthus Multiflorus Plenus.

(The Golden Sunflower.)

For description see list of hardy plants. 10c.

Impatiens Marina.

An attractive basket plant. Foliage bright green, beautifully marked silvery white that looks like frost work. The plant grows rapidly and if kept cut back, can be used for ribbon line planting 10c.

Impatiens Sultani.

This is one of the most distinct and beautiful winter blooming pot plants or for bedding in the summer. Compact of habit and perpetual bloomer. Flowers peculiarly distinct and effective rosy scarlet color, shaded magenta and are borne so freely that a well grown specimen appears to be quite a ball of flowers. 10 cents.

Ipomœa Pandurata.

Hardy Moon Flower.

This white Moonflower differs from all others as it has a tuberous root resembling a Dahlia, which is

MOONFLOWER.

said to be perfectly hardy, living in the ground from year to year. Flowers about 4 inches in diameter. Pure satiny white with purple throat and produced in the greatest profusion; open day and night from June until October. A strong plant will give more than 1,000 beautiful flowers daily for months at a time. 20c.

The Pink Moon Flower, Ipomœa, Mexicana.

This is unlike all the others, as it blooms during the day time; and has a strong, tuberous root, like a Dahlia, which can be wintered in a cellar. Its leaves

are also beautifully divided. The flowers are of a violet-crimson color, and look like a rich piece of satin. It is very rapid in growth. 20c each.

Noctiphyton (Moon Flower)—Pure white moon-like flowers, 4 inches in diameter, which opens at night; as a rapid climber for covering arbors, verandas, trees or walls, it has no superior. 15 cents; two for 25 cents.

Leari—Flowers deep azure-blue, 4 inches in diameter; a charming contrast to the preceding, a free bloomer. 20c.

One each of the above Moonflowers for 70 cents.

Ivy.

Price, 10 to 40 cents each.

Kenilworth—A splendid basket plant.

English—A well-known variety; hardy with protection.

English Ivy. Variegated—A variegated variety of the well-known English Ivy, leaves green and yellow; makes a handsome vine when well grown.

German—Foliage light green; rapid grower.

Jessamine.

Grandiflorum (Catalonia Jessamine)—Blossoms with great freedom during winter. The plant is handsome with fine, glossy foliage, and grows to a large size. The flowers are pure white, star-shaped and deliciously fragrant. 15 and 25 cents.

Porticum—Small greenish white flowers; handsome foliage; a good climbing plant 15c.

Leonotis Leonurus. (Lion's Tail.)

A magnificent specie of greenhouse evergreen shrubs, producing brilliant scarlet flowers. It requires a rough and sandy loam with plenty of air. 10 cents.

Lantana.

Strong growing, very free flowering bedding or pot plants, and standing the sun well. Being quite tender, they should not be planted in the open ground until the weather becomes warm and settled.

Abbie Trauve—Shaded lavender. 10c.

Alba Grandiflora—Fine white. 10c

McMahon—Rich deep crimson. 10c.

Elegantissima—A beautiful trailing variety, with pink lilac flowers.

Lopesia

Rosea.

Fine flower

plants, blooming continually from November to April. Fine for cut flowers. 10 cents each.

Lilies.

The Lily is one of the most admired of flowers. Most varieties are hardy and can be planted spring and fall. Plant 3 to 8 inches deep and give a winter covering of straw or coarse manure. They are also much used for forcing for winter flowers.

Auratum (Gold banded)—A Japan Lily, with immense blooms of white and gold, considered by many the finest lily; hardy; 30c; \$3 per doz.

Speciosum Album Praecox—A pure white Lily, with petals reflexed, center embellished with a fine long fringe. The finest white variety. Hardy, 50c.

Speciosum Rubrum or Roseum—One of the hardiest varieties with flowers red and white, the red varying from a delicate rose to a bright crimson; very fragrant. 25c.

Lobelia

The Lobelias are one of the best and most showy vase and basket plant, also fine bedders, and excellent for ribbon lines; dwarf and free blooming; flowers blue. 10c; \$1 per dozen.

Linum Trigynum.

A winter-blooming plant of great beauty, producing in the greatest profusion very large and very showy blooms of a bright yellow color. The plant is a complete mass of bloom for a long time during winter, and is one of the most beautiful winter bloomers it is possible to have. The flowers are about the size of a Morning Glory, and no matter how small the plant is it will bloom profusely. 15c each.

Libonia.

Floribunda—Flowers scarlet orange at the base, running into a deep yellow at the top; it blooms in great profusion from December to May. 10 to 25c.

New Double-Flowered Musk.

Unsurpassed for baskets. The small double sulphur-colored flowers are produced from every joint, and the pronounced musk-like odor from leaves and flowers is very powerful, a single plant scenting a large room. 15c.

Manettia Vine. (Bicolor.)

A very pretty rapid growing, twining plant, producing tubular flowers from one to two inches in length,

LILY.

MANETTIA VINE

the plant being literally covered with them the entire season. The coloring of these flowers is gorgeous in the extreme, being a flame color tipped with bright yellow, the contrast with the vivid green, glossy foliage is startling, making the plant an object of rare beauty. It will grow and bloom in any ordinary soil,

and given strings or wires to cling to, it will attain a height of from 6 to 10 feet in one season. As a pot plant it is unrivalled, when trained to a wooden stake or pot trellis in the manner shown in the cut, and grown this way it may be had in bloom the entire season. 10c. Large plants 25c.

Marguerite Daisy.

White—Best white, having a ray of white petals around a salmon disc. Splendid for cut flowers. Each 10c.

Yellow—(Etoile de Or.) A golden-yellow variety of fine form and large size. Prized for corsage bouquets. Each, 15c.

Mahernia Oderata.

A neat growing vine, with small, delicate leaves; flowers yellow, bell-shaped, and very fragrant. Good for baskets, vases, etc. 15c.

The Hardy Chinese Matrimony Vine.

For description see list of hardy plants. 25c.

Madeira Vine.

A popular and favorite tuberous-rooted climbing plant. Tubers, each, 5c; per dozen, 50c.

Musa Ensete. (Abyssinian Banana.)

A grand lawn plant in combination with Cannas, Rhododendrons, etc., or separately; of easiest culti-

vation in the open ground in summer or for conservatory decoration in winter. \$1; large plants \$5.

Nerium, (Oleander.)

The Oleander is unsurpassed for hardiness, freedom of growth and beauty of flowers, in variety, 25c.

Oxalis.

Beautiful bulbous rooted, winter and spring flowering dwarf plants; an excellent basket plant, also desirable for pot culture. White and Pink 10c; \$1 per dozen.

Othonna Crassifolia.

A succulent plant, with slender, round fleshy and light green leaves; flourishing well in a cool temperature; a splendid basket plant; also suitable for carpet

bedding among succulent plants. It has bright yellow tassels-like flowers which are borne in great profusion. 10c.

Otaheite, (Dwarf Orange Tree.)

This variety is of Japanese origin. It is the best for house culture. They are easily managed, in fact,

require about the same treatment as an Oleander. The Otaheite, however, takes years to attain an unwieldy size, is therefore particularly suited for pot culture and conservatory decoration. A more attractive and interesting plant ornament for the window or conservatory cannot be found, as all stages of plant life, growth, delicious scented flowers, fruit just forming and the ripe golden balls, may be seen during the spring months in the Otaheite. We offer fine healthy plants. 25 cents; large plants \$1 to \$5.

Pelargoniums.

The Pelargoniums, better known as "Lady Washington Geraniums," are the leading attraction of the greenhouse or conservatory during the spring months. In variety; 15 and 25c.

Pancratium Caribbæum.

(White Spider Lily.)

A grand lily from South America, bearing a profusion of wax-like flowers, delightfully fragrant and lasting a long time in bloom. This splendid plant, if planted early in spring, will bloom early in summer. If planted in May or June will bloom early in fall. The beautiful wax flowers have a peculiar formation, are very attractive and exceedingly fragrant—will fill the whole room with the most delightful odor. Large bulbs, each 25c.

Physianthus Albens, or Cruel Plant.

A rapid growing climber, bearing immense quantities of pure white flowers which entice and entrap insects; hence it is called the Cruel Plant. 25c.

Passiflora. (Passion Flower.)

All have heard of the great beauty of Passion flowers, though but very few have ever seen them in bloom, as they are by no means common. They are elegant rapid growing vines, adapted to window and greenhouse culture, or in open ground during summer. The flowers are beautiful beyond description.

Constance Elliott—A new desirable climber; flowers are white and in great profusion, blooming from June until frost. 15c.

Golden Spotted Passion Flower—(John Spaulding.) A beautiful variety, foliage prettily marked with

bright golden yellow. It is useful for cemeteries, while as an ornamental drooping plant for baskets or vases it is unsurpassed. 20c.

Smithii—Very large purple flowers, extra fine, 25c.

Palms.

Now the most fashionable decorative house and window plants. They require but little care, no more than a geranium, beyond sponging the leaves once a week. Customers are advised to buy the larger plants, the effect is immediate, and if placed in a handsome jardiniere no more beautiful or ornamental plants can be found. In season for shipping all the year around. An elegant present for a plant-loving friend. Price \$1.00 to \$10.00 each, according to size and kind.

Pandanus. (*Screw Pine*.)

Pandanus Utilis—Called Screw Pine from the arrangement of the leaves on the stem. This is one of the most useful of our ornamental foliage plants; excellent for the center of vases and baskets, or grown as a single specimen; for in or out of door decoration. Fine plants, \$2.00 each.

Peperomia Maculosa.

A pretty dwarf growing ornamental foliage plant, exceedingly useful as a pot plant for the window or for planting in baskets or vases; it has thick fleshy foliage of a bright green color, veined with silvery white. 25c.

Double Petunias.

A splendid plant for late winter and early spring blooming; also splendid bedding plant, producing flowers in great abundance during the summer. Fringed varieties. 15c; \$1.50 per dozen.

Phloxes--Hardy.

For description see list of hardy plants. 15 cents each.

Panicum.

Variegatum—A variegated grass of drooping or creeping habit; a valuable plant for vases, baskets or fern cases. 25c.

Pontederia. (*Water Hyacinth*)

Very unique and of great beauty; requires but limited space; easily grown; floats on the water by means of curious inflated leaves, a mass of feathery blue roots growing downward into the water. The flowers, as large as a silver dollar, are borne on spikes 6 to 8 inches long resembling Hyacinths, and are as handsome as an orchid, of a beautiful, sparkling, rosy lilac color. It can be grown in the summer in the water-lily tub or pond. In the winter it is beautiful and effective when grown in a glass vessel of some sort. It is a free bloomer. 25c; extra large 50c.

PRIMROSE.

Peristaophe.

Augustifolia—A dwarf; green, with yellow; variegated plant; extensively used for massing or edging in ribbon beds. 15c.

Primula.

Chinese Primrose—This is the best and most worthy plant we cultivate for winter flowers; blooming continually from October until June, one plant producing several hundred flowers in a season.

Single—White and Pink; flowers large. Price 10 and 25 cents each.

Obconica—A beautiful blooming Primrose, bearing on long stems, heads containing ten to fifteen flowers. It thrives in a cool house, and will grow easily. The flowers are pure white, shading occasionally to lilac, and have the true Primrose fragrance. In bloom nearly the whole season. 10 and 25c.

Floribunda—Identical in habit with P. Obconica, but bearing lovely Primrose yellow flowers. As a "Ladies' Flower" it will doubtless find favor, as it does not wilt readily. 15c.

Mexican Primrose.

A charming basket or pot plant. Flowers of a beautiful, bright, clear pink color, veined with scarlet, and with a white center. The superb color, combined with airy grace and beautiful form, goes to make a flower which is in beauty perfection itself.

The plant seldom grows over ten inches in height, but inclines to a trailing habit, spreading its branches out over the ground, or drooping over the sides of the pot. 10c.

Pilea. (*Artillery Plant*.)

Sempifolia—The well known artillery plant. Price, 10¢ and 25 cents.

Reptans—Dwarf, bushy creeping growth for edging or beds. 10c.

Pansies.

One of the finest early blooming plants for out-door cultivation; our stock embraces the finest mixed varieties, comprising all the various shades of color, with flowers of the largest size and form. 75 cents per doz; \$5 per 100.

Choice Mixed—Embracing all shades and colors.

Snow Queen—Pure snow white; fine.

King of Blacks—Flowers intensely black.

Giant Trimar-deau—Flowers immense size.

Pilogyne Sauvis.

A charming climber; very dense grower; very useful for forming growing festoons between small trees or stakes, etc.; also fine for the house in winter. 10 and 25c.

Poinsettias.

Pulcherima—A tropical plant of gorgeous beauty; the bracts or leaves that surround the flower being, in well known specimens, one foot in diameter and one of the most dazzling scarlets. In a hot-house temperature of sixty degrees it begins to bloom in November, and remains expanded until February. 25 and 50c.

Pyrethrum.

Uliginosum—For description, see list of hardy plants. 20 cents.

Plumbago.

Capensis—Deserves general culture, produces large trusses of azure-blue flowers from March until November, and one of the best bedding plants. 15c.

Reineckia Variegata.

A dwarf growing plant of elegant appearance. The peculiar growth with striking variegation, pure white and green, renders it desirable for pot culture and hanging baskets. 15 and 25c.

Rivinia Humilis.

A beautiful little plant with racemes of small white flowers, followed by scarlet berries; in bloom and fruit the entire year. 10c.

ROSES.

NEW VARIETIES.

American Beauty—Flowers and buds very large; color, deep glowing carmine, with rich fragrance. 25c.

Meteor—A rich, dark, velvety crimson ever-blooming Rose of good size, double and perfect in shape, and the best of all Hybrid Teas as a bedding variety for summer cut flowers, as it retains its color well, even in the hottest weather. Each, 10c.

Kaiserin Augusta Victoria—(Hybrid Tea.) A deliciously fragrant white Rose, the perfume resem-

bling that of the Magnolia. A strong, vigorous grower and a constant bloomer. The flowers are so double that the petals seem to crowd each other, and are of the very largest size. 25c.

Bridesmaid—A delightful new Tea Rose, a sport from the old and popular pink tea, Catherine Mermet, but of a fine, clear dark pink, much deeper and more constant in color than Mermet. Each, 25c.

Mad. Caroline Testout—Flowers as large as Baroness de Rothschild and as free as La France. The color is a brilliant satiny rose, deepening at center to clear red, and its splendid large, globular flowers are unsurpassed in beauty. Each, 25c.

Duchess of Albany—A sport of La France, but is far superior to it in every way, deeper in color, more expanded in form and larger in size. The flowers are deep, even pink, very large and full, highly perfumed. 15c.

Souvenir de Wooten—Strong and vigorous; flower velvety red, finely perfumed and very large; free bloomer. 15c.

Climbing Niphetos—Differs from the Tea Rose Niphetos only in its climbing habits. Growth very vigorous, branches attaining the length of 20 feet; 15c.

Climbing Perle Des Jardins—A sport of the well known Perle Tea Rose, blooms similar. A great acquisition for conservatories. 15c.

Madam Pierre Guillot—With its rich and rare coloring, is the loveliest of new Teas, the large double creamy roses, every petal of which is reflexed and borders with deep pink. They are very large, keep well and are beautiful beyond description. 20c.

The Queen—Pure snow white; makes good, finely formed buds; is quite full, petals thick and of good substance; opens well, is very sweet, and, we believe, will prove very valuable for open ground planting. 15c.

Waban—(Reb Mermet) A charming rich deep pink color. 10c.

Mme. de Watteville—A grand rose for either summer or winter blooming. Color beautiful shell pink deepening to bright rose at the edge of the petals, the body of the flower being creamy white. This combination of colors suggests the name of the Tulip rose by which it is known in Europe. 15c.

MAD. HOSTE.

Clothilde Soupert—This Polyantha Rose is the most prolific bloomer in our entire list. The flowers are borne in sprays, very double and handsomely formed; outer petals are pearl white, shading to a center of rosy pink, but varying sometimes on the same plant from pure white to deep silvery rose. A grand bedding variety. 10c.

Mad. Hoste—This is one of the finest Tea Roses; fine for winter flowers. Strong grower. In cool weather it is an ivory, in summer a bright canary with amber center. Extra fine. 10c.

GENERAL LIST.

Catherine Mermet—Bright flesh color, full and beautiful; one of the most lovely shades and the buds are of a very large size and fine shape. 10c.

Agripinna—Rich crimson. 10c.

Douglas—Rich dark crimson. 10c.

Bonsilene—This variety cannot be eclipsed. Color brilliant carmine. 10c.

Hermosa—Pink; very double. 10c.

La France—Peach color shaded pink or silvery rose; one of the most fragrant roses grown. 15c.

Marie Van Houtte—Light yellow, with a distinct and beautiful line of pink along the edges of the petals. 10c.

Marechal Neil—Buds of immense size; color deep yellow. Price 15 cents each.

Marie Guillott—Clear pure white tinged, yellow in center; very large, full and double. The best rose for bedding in the summer. 10c.

Niphetos—Long buds of pure white; there is nothing to equal it for cutting. 10c.

Papa Gontier—Exceedingly free flowering and very sweet, dark crimson and large. 10c.

Safrano—Buff, tinted apricot yellow, exquisite fragrance. 10c.

Souvenir D Un Ami—Bright rose, large and fragrant; one of the very best pinks. 15c.

Sunset—The color resembles the gorgeous rays of the setting sun. 10c.

The Bride—Milk white, very large, double. 10c.

Perles des Jardins—Richest yellow, large size, perfect form and tea fragrance. 10c.

Hardy Climbing Rose.

Prairie Queen—Dark Pink, compact and globular. The hardiest and best of the climbing roses. 15c; large plants 50c.

Mary Washington.

A hardy, perpetual blooming climber, producing double snow-white blossoms in great profusion from June until frost. 25c each.

Hybrid Perpetual or Remontant Roses.

These roses are vigorous growers, with flowers of large size and brilliant colors; they are double and very fragrant. The colors are of all shades save yellow, from pure white to the deepest fiery crimson; they bloom at intervals from June to November. They are very hardy and do not need protection during severest weather. Fine collection. Price 15c; one year old plants 25c; large imported plants 50c.

Moss Roses.

Valued for their hardiness, exquisite fragrance and the beautiful effect of the delicate moss-covered buds. Excellent for cemetery plots. All are hardy. Three varieties, white, red and pink. 25 and 50 cents each

Polyantha Roses.

Often called Fairy Roses. They are admirably adapted to pot culture and planted out they flower continually the whole season. The flowers are quite small, borne in large clusters, each cluster making a bouquet by itself. 10 cents each.

Little White Pet—Pure white; vigorous grower.

Mignonette—Light pink.

Paquerette—White; very dwarf.

Rubus Grandiflora.

Bridal Rose—Flowers double and pure white, being as large as a medium sized rose. 25c.

Rhyncosperum.

Jasminoides—An evergreen greenhouse climber, which has an abundance of fragrant white jessamine like flowers in the spring for three months; very valuable. 25c.

Ruella.

Formosa—Perpetual flowering, half shrubby plant; flower brilliant scarlet, blooming the entire season. 20c.

Russellia.

Juncea—Brush-like foliage; handsome scarlet flowers, always in bloom; habit drooping; fine for baskets or vases. 15 and 25c.

Sedum Carneum Variegatum.

Much used for bedding. The small fleshy green leaves are margined with white. Good vase and basket plant. Each, 10c; doz. \$1.00.

Selaginella Amelia.

New. Much superior to any of the other Club mosses, growing with stiff and erect frond 6 to 8 inches high, bronze green. 25c.

Salvias.

Price, 10 cents each; \$1.00 per dozen.

Splendens—(Scarlet Sage). Flowers of the most brilliant scarlet.

Gordonii—Differs from the above variety in being much more dwarf.

Mrs. Edward Mitchell—Distinct crimson purple.

Mrs. Stephens—Deep crimson.

Saxifraga Sarmentosa.

Generally known by the name of Strawberry Geranium. It makes one of the neatest basket plants when well grown, requiring shade and moisture. 10 and 25c.

Solanum Jasminoides.

A beautiful plant of climbing habit, attaining a height of 3 to 5 feet, but can be grown in bush form. In pots it is a continuous bloomer, both summer and winter; but its greater value is for outdoor culture; trained against a wall or trellis, and covered with magnificent clusters of white star-shaped flowers, its beauty cannot be unsurpassed. 20 cents.

Solanum Azurem.

The latest novelty in climbers. Certainly one of the finest plants lately introduced. Immense clusters of lavender-blue, Wistaria-like flowers, brightly set off with golden stamens. The flowers are succeeded by bright scarlet berries, remaining perfect for a long time. 25c each.

Smilax.

There is no climbing plant in cultivation that surpasses this in the graceful beauty of its foliage; it is indispensable for cut flower work, as its hard texture enables it to keep without wilting for several days after being cut. 10 to 25c.

Streptosolen Jamesonii.

A valuable spring flowering plant, resembling in growth the Browallias; the flowers are lobed, nearly one inch in diameter, opening bright orange and passing to a rich, deep cinnabar-red; it commences to flower early in March, continuing through June and July. 10 to 25c.

Stevia.

Serratta Nana—New dwarf. A very distinct variety of this well known winter flowering plant. It produces a denser and whiter mass of flowers than the old variety. 10c.

Serratta Variegata—Leaves edged with white; an effective plant for inside row of ribbon beds. 10c.

Sansevieria Zeylanica

Long, thick, fleshy, lance shaped leaves, with very dark green foliage, marked crosswise with bars of silvery white. 25 and 50c.

Tradescantia.

A beautiful class of plants for hanging baskets, known by the name of Wandering Jew. 10c.

Thyme.

Variegated; fine for edging beds or for hanging baskets; leaves have an agreeable fragrance. 10c.

Tuberoze.

Double—Beautiful white flowers on long upright stalks, delightfully fragrant. 10c; 75c per doz.

Double Pearl—Double the size of the common variety and imbricated like a rose; very dwarf; growing 18 inches to two feet high. 10c; 75c per dozen.

Tropaeolum.

(*Nasturtium*.)

Single—Good winter as well as summer blooming varieties. 10c; \$1 per dozen.

Hermine Grosshoff—Plant dwarf with perfectly double flowers, which are about two inches in diameter, and a bright orange-red color. 10 cents.

Darkness—A most charming novelty, with large, double, rose-like flowers of a lovely dark maroon-crimson color. 10c.

Cardinal Prince—A new hybrid of the perennial class (grown from cuttings, not from seeds) of most vivid shades of orange and scarlet, with darker distinct veins. Flowers very large and freely produced. The petals overlap each other like those of the pansy or pelargonium. The young plants bloom very quickly and continue in bloom the entire season. 15c.

Verbena.

Mixed Mammoth Verbenas—These are grown from the choicest strains of Mammoth Verbena seed procurable, large size with great variety and brilliancy of color, render them unsurpassed. Each, 10; per dozen, 75c.

Named Varieties—Price, 10 cents each; 75c per doz.

English or Sweet Violets.

SWANLEY WHITE.

Price 10 cents each; \$1.00 per dozen.

Marie Louise—Double; flowers dark blue and of large size.

Victoria Regina—The largest of the single flowering varieties; dark purple.

Swanley's White—A sport from the well known Marie Louise; same perfume; flowers are as large and of the purest white.

Double Russian Violet.

For description see list of hardy plants. 10c.

Vinca.

Running Myrtle—Small, dark, glossy green leaves; flowers purple; hardy; excellent for basket plants. 10 and 25 cents.

Major Variegata—A beautiful variegated trailing

plant admirably adapted for hanging baskets and vases; glossy green broadly margined with creamy white; flowers blue. 10 to 25 cents.

Yucca Aloefolia.

A greenhouse plant with stiff, sharp-pointed leaves having beautiful white bell-shaped flowers. Price, \$1.00

HARDY PLANTS AND SHRUBS.

Achillea.

Alba Flora Plena—A pretty hardy perennial, producing in great quantities its beautiful double pure white flowers. Excellent for cemetery planting, as it will thrive in any soil. 15c.

The Pearl—Same as the above except that the pure white flowers are larger. 20c.

Ampelopsis.

Vetchii—Leaves comparatively small, forming a dense mass of foliage which is colored with crimson and scarlet in the fall. It needs no support or training, climbing of its own account to any surface or wall near where it is placed. It is a very rapid grower, and will soon cover a very large surface; said to be hardy. 20c; 3 for 50c.

The Chinese Matrimony Vine.
(*Lycium Chinese*)

Claimed to be perfectly hardy, and is a most vigorous climbing plant covered with bright purple flowers, which are succeeded by brilliant scarlet berries nearly an inch long, every branch being loaded

the winter. It will grow and thrive in any situation, either shade or bright sunlight, and will take root in any soil. 25c each; large size 50c.

Clematis.

Jackmani—Flowers 4 to 6 inches in diameter; intense violet purple, with a rich velvety appearance, distinctly veined. Its flowers continually from July until cut off by frost. \$1.00.

Jackomanni Alba—Like the above in every respect, except color which is pure white. \$1.00.

Duetsia.

Gracilis—A charming, fine, small shrub, suitable for pot culture, perfectly hardy, a profuse bloomer, delicate small white flowers. 25c.

Funka Japonica. (*Day Lily*.)

This makes a handsome plant, with broad ovate leaves and produces pure white fragrant flowers in profusion. Perfectly hardy. 25c.

Blue Day Lily—Hardy. 25c.

Helianthus Multiflorus Plenus.

Golden Sunflower—The plant grows four feet high bearing numerous large golden heads of flowers as large as Dahlias and continuing in bloom until frost, and will be much prized as a loose bouquet flower. 10c.

Hibiscus.

Hardy Herbaceous Hibiscus—Perfectly hardy in any situation; grows 5 to 8 feet high, forming dense columns; flowers 5 to 6 inches in diameter and produced in the greatest profusion from July to September. Color, salmon pink shaded to crimson in center. 25c.

Honeysuckle.

Scarlet Monthly Trumpet—Hardy, rapid grower, for rock work, etc.; bright red trumpet-shaped flower. 25 cents.

Halliana—A variety lately introduced, considered as a great acquisition; it is ever green and a constant bloomer; flowers pure white, changing to yellow; very fragrant; good for trellis or pillar. 20c.

Hydrangea.

Paniculate Grandiflora—Hardy; a magnificent Japanese variety, with immense truss of pure white flowers, tinted with rose in their mature bloom; blooms profusely during the summer months and is perfectly hardy. 25c; large 50c.

Ipomœa Pandurata.

For description see page 41. Price 20c.

Lily of the Valley.

One of the most charming spring flowering plants, producing in profusion its delicate bell-shaped fragrant white flowers; will thrive in any common soil and shady situation where few other plants will succeed. 10c; 60 per dozen.

CLEMATIS JACKMANI.

with them; the contrast between the glossy, dark green foliage and shining scarlet fruit is extremely beautiful. It continues flowing and new berries are forming from late spring until frost. The berries ripen in early autumn and remain on the vine late into

Pinks.

Hardy Garden, or Scotch—Splendid for borders and cemetery planting. 10c.

Phloxes---Hardy.

Perennial—Few plants give greater satisfaction to

the amateur than the Phlox. The ease with which it is cultivated, the entire hardiness, their extended season of blooming and the varied and beautiful color of flowers, make them very desirable. They succeed well in any good, rich soil not over dry. In variety 15c; \$1.50 per dozen.

Pyrethrum Uliginosum.

Fine for late summer and fall blooming. Flowers large, pure white with distinct yellow disc; resembles the Marguerite in form of flowers; perfectly hardy and very useful for cut flowers or bedding. 20c.

Syringa. (Mock Orange.)

Philadelphus—Medium size shrub, single white, sweet-scented flowers, 50c.

Syringa Flore Pleno—Dwarf variety, with double white flowers. Price 50c.

Roses.

Hybrid Perpetuals—In variety, 15c; large 50c.

Climbing—Prairie Queen. 15c; large plants 50c.

Mary Washington—25c.

Moss Roses—25 and 50c.

Double Russian Violet.

This is a hardy variety and has been grown for years in the open ground with no winter protection except forest tree leaves. Flowers very large, double and deliciously fragrant. Very deep shade of blue, one or two petals in each, dotted with red. They remain in bloom about four weeks. Each, 10c.

HEILANTHUS MULIFLORUS PLENUS.

HOW TO MAKE A LAWN.

Some previous cultivation, or at least a thorough turning over, should be given. A clayey loam is the best soil foundation for a good lawn. Let the surface be graded to the level wanted in all parts, and well rolled—a light raking following this will prepare for the seed sowing, which should be done as early in spring as the ground can be worked, provided, the ground has not already been prepared in the fall. Three or four bushels per acre should be sown; the latter amount is best, for the young plants are but small, anyway, and if thick, cover the ground better and make a smoother and more even turf. Never sow oats or other grains, you can't assist a weak plant by crowding it with a strong one. Our seed, which we believe to be as pure as can be found anywhere, is of the best varieties, best suited for even and permanent growth; they are carefully cleaned and as free as it is possible to make them from all weeds.

A Beautiful Lawn, with its close, velvety turf, is a most essential feature in the adornment of all suburban homes—without it the finest flowering plants and bedding seems insignificant, while with it, handsome grounds are assured, even with no other adornment. Second only to that prime requisite, GOOD SEED, is time of sowing, quantity to use, preparation of soil, etc.

Chicago Parks Mixture—Finest quality, lb. 35c; 4 lb. \$1.25; bu. \$3.25. **Blue Grass**—Best quality, lb. 35c; bu. \$3.25. **White Clover**—Best quality, lb. 35c. If to go by mail add 8 cents per pound on grass and clover seed.

HAMMONDS SLUG SHOT.

Destroys bugs on Potato, Tomato and Egg Plant, Currant Worms, Cabbage Lice and Worms, Flea Beetles, and Stripped Bugs on Melons, Squash, Turnips, Beets, Onions, etc.; Canker Worms on fruit and ornamental trees. Death to the Rose Bug and Cut Worm. APPLY WITH DUSTER OR BELLOW. Prices: by express, 5 lbs. 30c; 10 lbs. or more at 5c per lb., 100 lbs. or more at 4½c per lb. If by mail add 16c per lb for postage.

TRADE MARK.

Articles sold in the East give the best evidence of its utility and value to the Farmer and Gardener.

Pure Bone Meal—ANALYSIS: Ammonia, 3 to 4 per cent.; Bone Phosphate, 45 to 55 per cent. Every bag is guaranteed pure bone. It is made from the bone gathered from the plains and farms without being steamed or baked. In small lots by express, not prepaid, per pound, 10c; 5 lbs., 40c; 25 lbs., \$1.25.

Florists' Plant Food—ANALYSIS: Ammonia, 3 to 4 per cent.; available Phos. Acid, 8 to 9 per cent.; Sulph. Potash, 3 to 4 per cent. This article has been made for Florists who desire to obtain an inexpensive, effective and odorless preparation that will act quickly on plants, and furnish food for flower and leaf. Per lb. 20c; 5 lbs. 75c; 25 lbs. \$3.00.

Bowker's Plant Food—In packages containing a pamphlet on the treatment of house plants, with directions for apply-

FERTILIZER.

If to be sent by Mail add 16 Cents per Pound.

Commercial Fertilizers are sure to come into more general use in the West as fast as they are tried. Their quick and direct action commend them to the Gardener. The enormous quantity of the fertilizer. Perfectly odorless and clean. Per package, 25c; postpaid, 35c.

Lawn Fertilizer—Our Lawn Fertilizer is a most desirable article for supplying the soil with requisite food for a luxuriant growth of grass, and avoiding all the objectionable features of animal manure, as well as weeds, seeds, etc. Our customers who have had it once will have no other. It can be applied either in the spring, summer or fall, at the rate of one pound to sixteen square feet. Price pound, 10c; 10 lbs. 75c; 25 lbs., \$1.25.

Nitrate of Soda—Should be sown broadcast, and it is very important to sow it evenly. Two or three pounds on a square rod will be beneficial. Price, pound, 10c; 5 lbs., 40c.

PLANET JR. COMBINED DRILL.

HOE. CULTIVATOR. RAKE AND PLOW.

It is without doubt the very best seed machine made for the two purposes and does both well. The cultivating attachments furnished with each drill are a plow, a pair of protecting curved point hoes, a set of three cultivator teeth and a pair of rakes. All the blades are steel, hardened in oil, tempered and polished. A wrench accompanies each machine, and full directions for use. By removing the roller and using the hilling hoes, seed can be dropped and covered deeply. It can be seen that it is an excellent sower; it is a first-class double wheel hoe while plants are small; it is a first-class single wheel hoe; it is an excellent wheel scuffle hoe; it opens furrows for corn, beans and potatoes, and covers them; it is an admirable wheel cultivator. Weight, packed, forty pounds. List price, \$12. Our price, \$9.

PLANET JUNIOR NO. 2 DRILL.

It has the following important advantages: an adjustable opening plow directly between the carrying wheels, the only position and plan which insures opening and covering at a regular depth. It is shown in the engraving at work. A spring back reservoir which can be accurately and instantly adjusted a hair's breadth at a time to every kind of seed, which it always sows with regularity, whether there is much or little in the hopper. Weight, packed, forty pounds. Our net price \$7.50; list price, \$9.

A. H. MATTHEWS' GARDEN DRILL.

This Drill has been improved by a new Steel Dial Gauge, making holes for dropping the seed more exact and carefully regulated than ever.

This tool, already a standard, will be found as nearly faultless as a drill can be made. The Cardinal principles in its construction are used in nearly every drill now in market. Especial features of this drill are: Horizontal Indicator, with the name of

A. H. MATHEWS' GARDEN DRILL.

each in plain sight, and a perforated seed dial, with pointers showing holes to be used for each kind of seed. Wrought Iron Markers, of one piece, easily adjusted and arranged with sliding weight for marking, and can be operated entirely by the foot. New Shut-Off Attachment. This connects a small slide beneath the hopper by a chain and ring along the handle to the hand of the operator; by this the dropping of seed can be instantly stopped.

By dropping the ring the seed spout is again opened. Adjustable Handles to suit a boy or man. The dial can also be turned to shut off seed entirely. Price \$8.

PLANET JUNIOR DOUBLE WHEEL HOE.

CULTIVATOR. RAKE AND PLOW COMBINED.

Has the invaluable feature of tending both sides of the row at once. The wheels can be set four, seven or ten inches apart. It has a pair of hoes, a pair of plows, two pairs of cultivator teeth, a pair of rakes and a pair of leaf lifters, making it capable of every variety of gardener's work. Greatly improved for this season. Our net price, \$6.50.

THE PLANET JR.

HORSE HOE AND CULTIVATOR COMBINED.

Has patent lever expander, handles adjustable sideways and in height, high steel frame, parallel side bars and hollow steel standards. By means of the Lever Expander it may be quickly changed in width from wide to narrow, or one side remain contracted while the other is expanded. The side hoes to-day are not only reversible and quickly turned when worn, but are wider and of wicer sweep, clean better than formerly, and the points are strengthened.

An entirely new and valuable feature is a Level Wheel, which "works like a charm." It is light, strong, can be changed in an instant to suit any depth. Nothing that has ever been offered has ever been so complete. The variety and quality of work done by this improved favorite is very great. The high frame and steel standards prevent clogging, and the convenient and perfect adjustment makes the use of it a pleasure. All this you get in this valuable tool, if ordered of us for only \$10.00. List price \$12.00.

WEEDERS.

Noyes'.—An old standard article, in use for many years, each, 25c; by mail, each, 30c.

Hazletine.—Of the best solid steel, good size, and durable; in very general use all over the country. Each, 25c; by mail, 30c.

Excelsior.—A very useful little tool for weeding seed beds, stirring the ground, etc. Each, 25c; if by mail, 30c.

Lang's Hand.—One of the best of this class, allowing use of hand while working. Each, 25c; if by mail, 30c.

Dandelion Puller, Whitnall's.—An excellent tool for removing Dandelion Plants, Dock or Plantain from lawns. Price, 25c; postpaid, 40c.

Mole Traps, Hale's.—The best trap made. Each, \$2.25.

Lane's Patent.—An imported mole trap, made of wrought iron, 8 inches high. Each, 50c; if by mail, 60c.

TRELLISES.

Fan Shaped.—18-inch, 20c; 24-inch, 25c; 30-inch, 30c; 3½ ft., 21-inch wide, 50c.

SPRINKLERS.

Scollay's Rubber.—Indispensable for Floral Work and Window Gardening. Beware of imitations, as this is the best. Each, \$1.25; if by mail, \$1.35. Same style medium size, \$1.00; if by mail \$1.05; small, 75c; if by mail, 80c.