Guits CHIPPINCO



THE PIONEER SEEDSWOMAN OF AMERICA

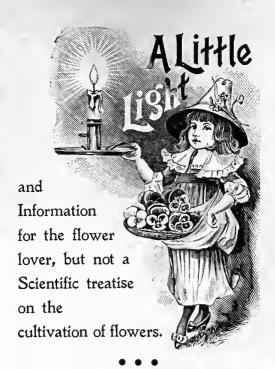
"Floral Culture" is published for the benefit of my patrons and will do its best each season to throw light upon; and tell the amateur how to grow flowers from seeds successfully. solicits your co-operation in the form of letters, describing experiments and experience, successful and unsuccessful—do not be bashful in detailing your actual experience as a flower grower, be they good, bad or indifferent, write me on any subject pertaining Floral Culture.

Yours for beautiful flowers.

Jan. 1st. 1897.

C. H. LIPPINCOTT.

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This BOOK does not pretend to know it all, it only aims to help the amateur who wishes to successfully grow flowers from seed and who without practical experience as a guide, is often bewildered instead of assisted by the claborate and semi-professional character of most of the works treating on this subject.

Everyhody loves beautiful flowers, they are one of the Flowers. attractions of a refined and beautiful home, and brighten and adorn the most humble. In the cultivation of flowers we cultivate the acquaintance of very agreeable friends, and they will repay for all the efforts made by the ladies of the house-

hold; and will interest the children and the "men-folks."

Never Mind. If you have many rare plants, try some grown from seed; all annuals, and all profuse, fragrant and altractive, and you will be surprised and pleased at the glorious beauties which will develop during the summer days. They are the flowers for everybody.

The First Step is to succeed in raising a few flowers. If practical experience, you are likely in fail, become disputed, and give up the whole effort in discouragement. But the exquisite delight of seeing a bed of flowers of your own raising, and thoroughly good, will be ant to inspire a real ambition, and lay the foundation for future success with more difficult flowers.

Do I ever have complaints on seeds fail-A Few Failures. Ink to grow? Yes! a few, no seed house big or little, but has had experience in this line. Amateurs, as a general rule, when first starting to grow flowers from seeds, purchase the RARE and llum-Priceo varielies that can only be started into growth in a greenhouse. Result-failure, nine times out of ten.

Advice to the Inexperienced. Get into the A, B, C, class and you can grow flowers from seed the first season, with proper care and patience. What Shall I Plant? For one, Sweet Peas; there is no other flower grown out of doors

that will give the variety of colorings, combined with fragrance that the

Sweet Pca does, and no other annual is so popular. Next to Sweet Peas. the Nasturtiam is a favorite. It begins to blossom early in summer and lasts long after first frost. A bed of Asters, although blossoming for only a few weeks, may be had with so little trouble that one may well underlake it. A hed of Portulaea is so easy to raise, that success is no credit. Another particular favorite is the Petunia. A hed of Eschschollzia (California Poppy), with Sweet Alyssum as a border, will be an object of pleasure all summer long. Morning Glories are healthy and hearty growers, profuse in bloom, (especially the new strain of Japanese Morning Glory) surpassing all blossoms in exquisite form and delicacy, and, what is of prime importance, holding forth through the whole summer, whether but or cold, wet or dry. Other annuals which are indispensable in any garden on account of beauty, and case of cultivation are-Antirrhinum, Anchusa, Bachelor's Button, Balsam, Calendula, Calliopsis. Canna. Candytufl, Chrysanthemum (French Margnerites) Centaurea Marguerite, Cosmos, Dianthus or Chinese Pinks, Fever-Centanrea margacerte, Cosmos, Dianstas of Contest Tries, Few, Gaillardla, Godetia, Hellehrysum Marigold, Marvel of Peru, Mignonette, Nicotianu, Pausy, Phlox, Poppy, Salpiglossis, Schlzmathus, Scabiosa, Ten Weeks' Stocks, Verbena and Zinnia. There, I have mentloned a few flowers for a beginning; they are all profuse bloomers, and form masses of colors which will charm the eye

every time you look out of your window. Any and all of these are good.

ANNUALS

That flower from seed the first season, are, taken all in all, among the best of flowers which can be used for the decoration of the gardens of the people; and a great many choice varieties may be bought for a little money, and they are from first to last not only

easy of culture and sure of growth, lat they, produce gorgeous masses of the most lovely flowers imaginable; the blossoms include forms of peculiar shape, all shades of colors and exquisite fragrance.

The Soil for Annuals.

If there is anything important in flower culture, it is the thorough preparation of the soil. The seeds of a majority of our flower annuals are very small indeed, so it is doubly necessary to work the soil finely. Otherwise the small seeds, falling into air spaces and interstices of the soil, find no contact with the earth upon all sides. Hence germination is retarded, or often entirely prevented, and the sower of the seeds waits and waits for results that never appear, and very likely Idames the seed seller for the trouble. One great essential in fining the soil is to have it dry, not wet and soggy. If in latter condition, it can never be made right. A permanent injury is effected by working the ground too Lumps and cakes are formed which prove troublesome all the season. So never attempt to save time by loginning work too early. Wait by all means until the ground is warm and dry. Then spade carefully, breaking all lumps and turning the soil over. Finish the job with an iron rake. This is a splendid tool for the purpose. Work it lackward and forward. Spare no labor and you will have a fine seed hed, for it is uscless to expect fine seeds to come up if they are buried beneath great clods of dirt.

Planting the Seed.

In starting flower seeds of any kind, only heat and moisture are required until they sprout through the ground. Sow the seeds thinly, then cover with finely pulverized soil; as a general rule, cover only to twice the thickness of the seeds. Such line seeds as Petunia, Portulaca, Ice l'lant, Lobelia, etc., need only to be pressed into the sail with a piece of board or the palm of the hand. Always press the earth down firmly after sowing all flower seeds, else there is danger of their drying up before the roots get a lirm hold of the soil. If the ground becomes very dry just as the seed is starting, it will not grow. Never under any circumstances allow the sun to dry them out. Along with the sun they must be kept moist. An hour of a bright, clear sun may so dry them that germination is destroyed. It is at this critical point really where the fault of so-called bad sceds largely lies, In the case of large seeds, there is less need of this precaution, but when once they are wet, keep them so or you will be likely to suffer loss.

Watch the Seedlings

As they come up, and do not let them become weak and spindling from overcrowding. Keep the weeds down and loosen the ground occasionally, to give air and sunshino to the hungry feeding roots,

If Drought Threatens

Cover the surface of the bed with a two or three luch mulch of grass-clippings, litter, chip-manne, etc., to keep the roots cost and moist.

Transplanting.

Nearly all flowers will bear transplanting. Sweet peas and popples are usually sowed where they are to grow. By growing them in boxes, hot-beds or cold-frames and transplanting them, you escape the first growth of weeds.

THE WINDOW GARDEN.

Extent of Collection.—It is bad policy, especially for beginners, to start the seson with too large a collection. Begin with easily grown plants, and proceed to more fastidious ones by degrees. It is a mistake for crowd the space for plants unduly, let each specimen stand nearly or quite clear from all others, even if it be at the cost of throwing out some plants, that a dozen tine, vigerous, uncrowded plants are much

Half a dozen fine, vigarous, uncrowded plants are much more satisfactory than three times as many crowded, and, as a consequence, ill-shaped and unhealthy ones.

Suitable Soil. There is, doubtless, too much stress

hald upon the importance of suitable soil; and anateurs sometimes become discouraged at the thought of obtaining the certain kind of sand, the leaf mould, the loany soil, or the chy; and all the other sorts so very necessary. The real truth

of the matter is that any good, fertile garden soil, that will grow plants outside, will be quite as good for window garden enlurre. The addition of a little sand or leaf mould, if it can be obtained, or of streets weepings for those who live in the city, or anything that will make the soil light and porous, is desirable for potting the young plants with tender roots.

Cutting Back Plants.—Plants grown in the house are best kept in good shape by pinching the end back of those shoots that grow too vigorously. This is much better than allowing a few shoots to grow until they need support, and then cutting them back.

In taking up plants from the garden for house enliure, it is best to ent lock at least one-half, and, after potting in good soil, water at once, and

put in a cool, shaded place.

Repotting.—Anuateurs, as a rule, reput too often, and keep their plants in too large pots. It is of no use to give a plant fresh soil before its roots have pretty well occupied the old. There is a proper time to reput, and that is when the ball of earth is well surrounded by roots, a state that can be deternized by tipping the plant out of the pot.

Another point to be remembered is, that if burge flower pots are used there will be more leaves than flowers. Often plants have refused to blossom simply because, having so much space, their energies were bent

upon forming rootlets and leaves,

Airing.—It is essential to give the plants an abundance of air, but caution is required in so doing. A draught of cold air should never be allowed to blow directly on the plants; the window should be lowered from the top for a few moments daily, maless the wind blows strongly from the direction in which the window is heated.

Heat.—The amount of heat required by the ordinary class of plants to the window is sometimes a source of great anxiety to

the amateur. Our experience has been that the amount of heat may be governed by the effect upon ourselves; for example, if we are confortable in a temperature of from 65 degrees to 70 degrees during the day and 50 degrees to 60 degrees at night, the same heat will be just right for our plants.

Watering.—Probably more mistakes are made in watering window plants than in any other part of their culture. It is, of comes, quite natural that the heat of the ordinary room will have u drying effect on the plants; it is not advisable to keep the sancer filled with water constantly, as it has a tendency to induce sourness of the soil. The best method with which we are

familiar is the practice of selling the pols in a lox containing an inch or two of sand; moss will answer the purpose equally as well,

Ceraniums Not Flowering.—Why do not my geraniums flower?—is a question we hear very frequently. When we do not see the plants we cannot answer with any degree of salisfartion, because we do not positively know. When we do, there is, as a rule, but one answer—viz., they are in too large pots. A five-inch pod is sufficiently large for geraniums. The best of all designs for growing the geranium in is a tin can; old fruit emas are advariable; the upart size is much better than a seven-inch pot. In such the plants delight, singly because the soil does not dry out sor rapidity; the soil remains muist and cool, the proper conditions of growth. We have seen geraniums grow in plant in cans that

for profusion of bloom and size and vigor of foliage would put the florist to shame.

How to Keep Plants Free from Insects.—To keep plants free from insect pests requires constant watchfulness and considerable labor. If we wait until our stock is overnm with green lly, scale and menly bug, the task is almost keepless. If we are failtful in our work and take the first of the intruders and put them ruthlessly to the sword, il is comparalively easy. Tolaccos smoke is certain death to the green fly or Addis. If the plants are in a room that can de closed tight and all smoked at once, by using an iron pot filled with noist or damp tobacco stems, into which drap a few live coals, so much the better; lat as the many that keep plants have ne such convenience, they must confine their plants in a paper lag or barrel, and there give them a gued does of smoke; the mealy bug and scale usually sneemed in a bunch of a camel's hair brush, dipped in a mixture of alcohol and water, quall purts.

SOME GOOD WINDOW PLANTS.

Abutilons.—Have once more come into style for window plants, and there is no reason why they should not stay in style, seedlings growensily and are interesting.

Begonias. Can all be kept in the shadier parl of the window or conservatory. They shand the dust and heat of the ordinary living room without complaint.

Fuchsia. - The Fuchsia has never been surpassed for grace or leveses, both of growth and cober, can be propagated from seed readily, it is easily managed, and prefers a back seet in window or conservatory.

Ageratum. - Is delightful under all conditions - as a vase plant, a bedder, or a window plant.

Geraniums—Have the advantage of belonging to health-giving plants—come breeders. The apple-scented is most sellcions. They can be easily grown from seed

and flower the first season, if sown early.

Chinese Primrose—Shanhl be placed at the head of the list as giving the greatest satisfaction as a window plant. The plants being dwarf may be placed mearest the glass, and compactly for they do not require here pots.

Heliotrope—Does very well as a window plant, but must be kept moisl at the roots, Serenltural directions under proper hemling.

Cloxinia—Is a grand flower and makes a lovely window idant, as easily grown and cared for us n.any of the common flowers.

Carnations .- Indispensable plants for the window garden.

Cineraria .- One of the most popular and easily grown window plants.

Petunias. - For general reliability, the Petunia is unsurpassed as a window and house plant, it is so inexpensive, grows so readily and blooms so freely, and so constantly that you cannot make any mistake by adding it to your window garden. There are also other good varieties such as Acada, Calceolaria, Clianthas, Coleus, Cyclamen, Lantana, Lobelia Mimulus, Mignonette, Nigella Oxalis, Scarlet Sago, Sweet Alyssum, Torenia and The following vines and climbers are suitable for window culture: Canary Bird Flower, Cobea Scandens, Cypress Vine, Maurandla, Nasturliums, Rhodochiton and Smilax. Although Pansies and Vlolets are not usually recommended for window garden culture (when treated in the usual way), very satisfactory results may be obtained by taking some plants from their out-

door beds, thawing them out in a cool room and coaxing them into bloom in a cool, sanny window. Window plants are a source of health if they are themselves healthy; but if deceased, you may be sure it is wiser to juich them out-of-doors. The dirt must also be free from poisonous quatities, for not seldom there is malaria in a flower pot. The pots also should be thoroughly cleaned

from mildew, inside and out. SEED GROWN FLOWERS FOR RIBBON LINES.

The following will doubtless prove satisfactory: Pansy, Aster, Candytuft, Pelunia, Portulaca, Canna, Verbena, Slocks, Mignonotte, Sweet Peas, Phlox Drummondi, Ageratum, Centaurea and Coleus.

PLANTS FOR VASES AND HANGING BASKETS.

Drooping and trailing varieties to hang over the sides, Alyssum, Candytuft, Morning Glory, Ice Plant, Kenilworth Ivy, Lobelia, Maurandia, Nolana Oxalis, Petunia, Smilax, Torenia and tall Nasturtium,

PLANTS SUITABLE FOR EDGINGS. Annual Varieties.

Alyssum, Ageratum, Celosia, Globe Amaranth, Lobelia, Nigella, Petunia, Phlox Drummondi, Torenia,

BEDDING ANNUALS SUCCEEDING IN HOT. DRY SITUATIONS.

Calendula, Calliopsis, Celosias, Colens, Convolvulus Minor, Daturas. Ice Plant, Marigold, Marvel of Peru, Mesembryanthemum, Nasturtiums, Enothera, Petunias, Portulaca, Salvia Splendens Verbenas, Vinea.

A SUPERB AUTUMN BLOOMER.

Nothing excels the Salvia splendens. Keep the plants growing, pinching back, etc., but not having very rich soil until planting out. Set in a mass or a border for the best effect, although the waning beauty of a summer bed is touched up wonderfully by the tasteful disposition of some of these plants about it. They likely will not show bloom until after July, but they are a brilliant sight from then until cut down by the frost.



A FINE TROPICAL-LIKE ANNUAL

Is the Riccinus, or Castor-Oil Bean, suitable for the centre of a large bed, for a corner, or as a single specimen on the laws. Set out when the ground is warm in a rich soil. Provide a short strong stake for each plant.

CLASSIFICATION NOTES.

Annuals—Are plants which flower, produce seeds and die the same year they are sown. The Hardy Annuals may be planted from April netil June in open ground wherever they are wanted to bloom and will grow in almost any ordinary garden soil. The seeds may be sown either in rows, small pathes, or large pathles, separate or mixed, entirely as the grower pleases, but they should never be

sown deep-as a rule, say about twice its diameter only.

Half Hardy Annuals—no best if sown indoors or in hot-beds, and should be kept somewhat shaded, when young, to prevent sun-burning and baking of the soil. It is necessary to harden them by fr. o ventilation, before transplanting. A small box in a summy window is ample for any small space; fill it with light soil, half sand—manure is unnecessary, heat and water being the essentials.

Tender Annuals—Should be sown in the same way as the Half Hardy ones, at any time from the month of February.

Perennials and Biennials.—The lutter usually hover the second season, but many of them had been the first by starting indoors. The Ferennials continue to bloom year after early the forest bloom year after the first st. one winterskilled; many will flower the first st. one of started early, but may be sown any time in spring to summer. The lutter is the best freshnent for the first st. one of the first st. of the fir

sown in summer, the seed beds should be shaded from the hot sun to prevent baking of the soil.

CULTURAL DIRECTIONS.

Abutilon.—(Belle Flower.) Perennial. Sow in shallow boxes in a temperature of 60 degrees. Transplant into similar boxes or into small pots when the seedlings are fit to handle. Plant out in May, or for later flowers sow in the open ground in May. For winter or spring flowering sow in August or September.

ADPUB.-(Crab's Eye Vine.) Thrives best in sandy loam. Seed requires boltom heat to germinale well and a strong heat to keep in a growing condition and to flower well.

Acacia.—Plant seed in sandy peat; about % inch deep; pot off when large enough to handle, and place in a cool, close pit or house until quite established. A temperature of 55 to 60 degrees suits them.

Acroclinium.—Half Hardy Annual Everlasting. Thrives best in a loamy soil and constitute very neat smanner flowering annuals if sown out of thours in patches in June; they are also useful as winter decorative greenhause plants if seed is sown in August in pots

greenhouse plants if seed is sown in August in pots placed in a cold frame. The flower heads should be gathered when young to preserve them.

Ageratum.—Harrly Annual. Start the seed under glass and transplant two feet apart.

Alyssum.- Hardy Ammal. Most effective if planted in masses one foot apart, as early in the spring as possible, in the open ground,

may be sown in the open border or in a hot-led, and transplanted about the first week in June to 20 inches apart.

Ambrosia.—Hardy Annual. One of the easiest plants to grow, seed may be sown early in the open ground.

Anchusa Capensis. llardy Perennial If sown early, blooms the first season, growing freely in shaded situations.

Antirrhinum. — (Snaphragon.) Tender Perennial. No belter plant could be chosen for house cultivation than the snapdragon, (Antirrhinum.) It has dark foliage and brighl, oddly shaped llowers. There are six or eight distinct colors. Set in four or live inch pots, one plant in each pot, in any good garden soil, mixed with a little well-rated slable manure they can hardly fail to give satisfaction. Give them all the sunlight possible, and water once each week with a little liquid manure. They may be propagated by slips, by layering or from seed.

Arabis Alpina.-Hardy Perennial. One of the easiest possible culture in any dry sail. Seed may be sown outside early in spring, or in pans or boxes when they can be transplanted to a shady border.

Aster.—Half Hardy Annual. Sow in loxes, in the house, the last of April, or in open ground, in May; transplant to one foot apart, in deep rich soil.

Aquilegia.—(Columbine). Hardy Perennial. They prefer a moist and sheltered situation, with exposure to the sun and require a good friable sandy loans and leaf soil, with good drainage. Sow seeds thinly, in pans or cold frame, when up and strong enough to remove, the seedlings may be planted out when they are to bhoom, allowing every plant at least nine inches each way.

Balsam.—(Lady Slipper). Tender Annual, The soil in which they are sawn should be of the richest possible character; the plants should be set 15 inches apart, securely staked, and receive frequent waterings of manure water. In order to have the finest double Balsams, plants must be transplanted from the seed-hed. If sown where plants are to bloom, they will be Semi-double to a large extent.

Balsam Apple.—(Alemordica). Annual Climber.—Well adapted for trellises, arbors, etc., in a warm situation outside, and in a rich, light sell. Plenty of water should be given during the growing period

Bachelor's Button.—Hardy Annual. Sow in open ground, in May or lirst of June; transplant to six inches upart.

Beans, Scarlet Runner.—Tender Annual Climber. Do not plant until settled warm weather and the ground is in good condition, they require summ treatment as common garden beans. In planting, be careful to place the eye of the bean DOWN.

Begonia.—(Tuherous Rooted Varieties.) These magnificent varieties have become exceedingly popular and can be grown from seed. They germinate well and it only requires a little care to grow the plants. Sow seed in February or March in pids on a surface of fine soil and cover with glass. Take great care not to wash out the young plants in watering; they will give an aluminare of bloom the lirst year. At the end of the season the plants may be dried off by withholding waler, the tabers gathered and kept in a dry place, free from frust, and planted the following spring, when they will bloom more freely than ever. Tubers are offered for sale by some, but they are very expensive, and a single packet of seed, if properly handled, will furnish what would cest many dollars.

Begonia. -(Fibrous Rooled.) Fram seed sown in February or March, and with generous treatment, plants may be flowered within six months. Saw again in July or August for spring and early summer flowering. A temperature of about 65 degrees is necessary, well drained pots, and a good mixture of soil. Prick off the seedlings while quite small, and shift on as the puts become littled with roots. As Begonia seed is slow and irregular in germinating, the sowing should be thin, so that seedlings can be lifted without disturbing the adjacent seed.

Bellis.—(Double Daisy.) fluif Hardy Perennial. Sow in May and transplant eight luches apart.

Bird of Paradise.—(Poinciann Gilbei). Ornamental Shrub.— Seed being large and hard, should be sonked for a few hours in lekewarm water before planting in box in house. Give gentle bottom heat if passible. A mixture of loam and leaf month suits if best, Cultings are somewhat difficult to root, but will succeed if taken off the mother plant in a growing stale and planted in sand, with a hand glass placed over them in heat.

Blue Daisy.—(Agathara Coelestis.) Perennial. Allied to Cheraria, and requiring the same treatment. Young cuttings root frody in a goutheat, at all times; and the plant may be had in flower all the year round.

Bryonia.—Half Hardy Annual. A rapid grower and of easy culture; should be planted and treated the same as Gourds, of which it is a species. Rich learn is the soil most suitable for their cultivation.

Butterfly Tulip.—Bulbons plant, from the banks of the Cimarron River, Oklahoma, endled by the hudians who gather them during the summer season, "Indian Tulips." They grow 12 to 18 Inches high and coutinue to bloom from middle of dune to October Edd, each stalk having from 10 to 50 blessoms which are purple and white. Succeed best in light, samily soil.

Cacalia. - Hardy Perennial. (For culture, see "Senecio.")

Calceolaria. - Seed of Greenburge Plants, especially Calceolaria, teams must be well drained, say half filled with crocks, and on this a layer of rough fibrous peat or turf, and fill up with a compact of the following propertions: Two-thirds light, rich loans, one-third peat, silver and and thoroughly decayed cow manure, the whole thoroughly well mixed together. Make the surface as smooth as possible and sprinkle a little silver sand over it; water with a fine loss: after the pans have thoroughly drained, the seed must be very evenly and thoroughly sown

it will require no revering. After sowing place the pans under a glass in close frame (it will require no artificial heat), keep sladed, as exposure for a short time to the sun's rays is often enough to scorch the delicate leaves and rootlets of the seedlings. Directly the plants are large enough to handle they must be pricked into other pans which have been prepared in the same manner as for seed sowing, and allowed to grow until they touch each other, then shifted into small pats, and replaced in the close frame; as soon us the roots fill these pots it will be necessary to repot in larger sizes. They will now do, if replaced in frames or put on shelves in the greenouse near the glass; water regularly, repot and slake when required. If transbed with green fly, select a quiet evening and funigate with bobscero namer.

These remarks will apply also to the cultivation of the Cineraria, Chinese Printruse, Carnations, and many other rare seeds, except that they are more hardy and will thrive with less care. The seeds being

larger will require a light covering of finely pulverized soll.

Calendula.—Hardy Annual. Sow in boxes early or in open ground in May or June; transplant to one foot apart.

Calliopsis or Coreopsis.—Hardy Annual. Sow where they are to remain, and thin to two feet apart.

Campanula.—(Canterbury Bells.) Hardy Biennial. Very attractive border plants; they succeed best in light, rich soil, and should be transplanted two feet apart.

Canna.—Tender Annual. Soak the seeds half an hour in hot water before sowing. Plant in a warm place the middle of April, or open ground anly after it is quite warm, the first of June. Transplant to one frow upart in rich soil.

Candytuft.—Hardy Annual. Seeds should be sown where plants are to bloom lu fidl or early spring; uny good soil is suitable; thin out to four or live inches apart.

Canary Bird Flower .- Tender Annual. (See Nustartiums for cultural directions).

Cascarilla .- (Coffee Plant.) They thrive in a mixture of turfy loom and sand; and require plenty of water, and ample pot room.

Carnation .- (See Culceularia for cultural directions.)

Celosia. -- (Cockscomb.) Half Hardy Annual. The seed should be started in a hot-bed, or in pats in a warm room, and transplanted to a warm, rich soil.

Centrosema, Crandiflora.—Hardy Perenniul. Sew seed as early in the spring as practicable in open ground, soaking the seed in warm water over night before planting.

Centaurea.—(Dusty Miller.) Hardy Perennial. Seed should be sown in slight heat, and when the seedlings are large enough to hamlle, they should be potted off singly into small thumb pots, in which they may be kept through the winter in a cold or cool house, a shift being given in the spring.

Chrysanthemum.—Annual Varieties. Sow in good, light soil during last of April and Muy; thin out to one foot upart.

Chrysanthemum.—Hardy Perennial. Sow in boxes or cold frame in the spring, and make several transplantings, as the plants advance in growth.

Cineraria .- (See "Calceolaria" for cultural directions.)

Clarkia.—Hardy Annual. Very showy and of easy culture. Seed may be sown in early spring out of doors, in any good garden soil.

Cleome Pungens.—(Giant Spider Plant.) Annual. Thrives lest in light, rich soil, in a dry, warm situation, where they have plenty of room to spread.

Clianthus Dampieri.—(Perennial.) Sow seed singly in a geod sized pot (5 linches in diameter is none too large) late in summer, the plants to remain until the following spring, when they should be potted over without disturbing the roots in any way, into the full size in which they are to flower. When planted outside, a hot, dry, sumny position under a south wall should be selected and the plants kept as dry as possible.

Cobea.—Tender Perential. Sow early, Indoors, putting the seed edge down, and keep slightly moist until the young plants appear. Plant out after the ground has become settled and warm—about the first of June. The plants can be carefully potted before frost in the autumn, and will bloom in the house during winter.

Coccinea. Half Hardy Perennial. A handsome climber of the Goard species, flowering the first season, if started early in heat

Coleus.—Tender Perennial. Plant in a warm situation indoors, in a temperature of 70 degrees, and hed out as soon as danger of frost is over. Slips should be taken from the finest and potted for winter.

Cosmos Hybridus.—Sow seed in gentle heat in April or May, and when large enough transplant to open ground similar to other annuals.

COSMOS—Is one of the few flowers that does not easily succumb to frost, and in favored localities it was still In blossom on Nov. 28, being fully as hardy as the chrysanthenoun. The only objection to its more general cultivation is that it does not come into flower until there is danger of its being killed by winter cold. This can be avoided by sowing the seed in March and growing the plants on in pols, not using larger than four-linch size. The plants should be kept in these until they set their buds, and the pots completely filled with roots; then transfer to tho garden and they will bloom by Angust.

Cyclamen. -- Greenhouse Perennial. If sown early in spring under glass, and well grown, will make flowering bulbs in one year.

Cypress Vine.—Tender Annual. Sow in the ground only after it is thoroughly warm, and soak the seed in lukewarm water two hours before sowing.

Dahlia, - Half Hardy Perennial. Sow the seeds in shallow pan or box in March, and transplant the seedlings, when large enough, to small pots. As soon as strong enough, plant out one foot apart.

Datura.—Half Hardy Annual. Start early and transplant to 20 inches apart. The roots may be packed in sand during the winter.

Delphinium .- See Larkspur.

Dianthus.—(Chinese Pinks.) Hardy Annual. Saw seed in May when the ground has become warm, thin or transplant when two inches high to four inches apart. It is truly astonishing how this useful class of plants is neglected, or not grown at all, which is better than to half grow a thing, when it possesses see many real points of usefulness. Dianthus heddewig, with its numerous beautiful varieties, is one of our most valuable summer flowers, although it is unjust to call it a summer flower, when, with but little attention, it can be made to ornament the garden from June until November, or until such time as the frosts destroy the chrysanthenum.

Dolichos.—(Hyacinth Bean.) Half Hardy Annual Climber, They are of easy culture. Plant out doors where they are to grow, in good soil about one inch deep, as early in spring as ground is in good condition.

Dracaena Indivisa.—(Greenhouse plant.) A compost of loam and lampy peat, in equal proportions, with the addition of a little charcoal, will suit them admirably. They require but a moderate amount of pot room in comparison to the size of plant that may be obtained. Pots 5 or 6 inches in dlameter are large enough for useful decorative subjects. Plenly of heat and moisture are requisite when the plants are young, to encourage vigorous, quick growth.

Eschscholtzia. —(California Poppy.) Half Hardy Perennial, Sow where the plants are wanted to bloom, as they do not bear transplanting. Thin them to six inches apart.

Euchardium Breweri.-Hardy Annual. Seeds may be sown in the open border in spring or untumn.

Euphorbia Heterophylla. — (Mexican Fire Plant) Hardy Annual, Sow early in spring, inside, and when all danger from frost is past transplant outside elgbleen inches apart; give them a sunny situation and water in very hot weather. The seed may also be sown outdoors early in May.

Feverfew.-(Matricaria.) Half Hardy Percuntal. Succeeds best in a light, rich soll.

Forget-Me-Not.—(Myosotis.) Hardy Perennial. Sow in finely prepared soil the first of June. Transplant to a shady situation. Keep well watered during dry weather.

Fragaria Indica.—A Pretty Greenhouse Trailer. Sow in pots or boxes where a little warnthe is at command, such as a gentle hol-bed, and the seedlings may be brought on rapidly to a size large enough for reputting, or they can be sown in a seed bed, in a sheltered place outside, if watering is earfully attended to the latter part of simmer.

Fuchaia.—Greenhouse Perennial. As easily grown from seed as from cuttings. Sow in shallow box; transplant into pots as soon as large enough. They require a rich soil to grow bux ciontly; a fuebsia is a nuisance if not thrifty. Well rouded turf, some leaf mold and a little sand is quite to their taste. Stick in some old, rusly nails; the exide of iron deepens the color of folioge and flower. They are gross feeders and should have weak liquid manure once a week, when budding or in bloom. They do not need a bigh temperature, but plenty of light and air. Red spiders trouble them if the air of the room is too hot and dry; these can be routed by washing both sides of the leaves with soap-suds, afterward showering with soft, tepli water.

Caillardia. - (Blanket Flower.) Hordy Annual, Sow early in boxes or frame and transplant to the garden in common soil the middle of May.

Ceranium.—Half Hardy Perennial. Start in the house in a box filled with fine, rich soil, cover with a pane of glass and place in the dark and keep moist until the seeds germinate, then admit light and air, Transplant when large enough.

Citia. Hardy Annual. Sow in open ground early and transplant to eight inches apart as soon as they are large enough.

Cloxinia. - Tender Perennial They grow best in a porous, well engiched soil, in a warm, moist atmosphere.

Codetia.—Hardy Annual. But a very few of the annual class of lawering plants which may be regarded as of quiet beauty, are more destraide than Godetias, and their attractiveness does not greatly decrease before late autumn. A main point in their enture is to keep them steadily growing, and to keep all the seed vessels picked off, together with having good soil, and in times of drought free watering at night during soumer. The plants should stand not closer than five inches each way. Seed can be sown early out of doors, where they are to bloom, in finely prepared soil, the last of May or the first of June.

Comphrena.—(Globe Amaranth.) Half Hardy Annual. Sow in boxes in a warm place; sack the seed in warm water a few hours before sowing; transplant to one foot apart. The flowers should not be picked for drying until they are fully matured.

Courd.—(Ornamental Chieber.) Tender Annual. Seed can be sown oulside alout the lirst of June, after the ground has become warm. The plants are tender and should be planted where they are to grow.

Helianthus.—(Sunflawer.) Hardy Annual. Plant seed in the spring when desired, and thin to four feet apart,

Helichrysum.—Hardy Annnal. Sow early in hoxes in the konse, or in the garden in May and June; transplant to eight inches apart in light, mellow soil.

Heliotrope.—Half Hardy Perennial. Sow in hot-led in March; keep soil moist and give air bright days, but prolect at night. Transplant in May, before a warm rain if possible, in light, rich soil.

The Heliotrope, which is perized for its delightful fragrance as well as lovely llowers, seems to be but a disappointment to many, but if In Good Common is a very free bloemer and sets-factory plant. It is Nor Iroubled with lineets, which is one strong point, but this plant Mess be kept Morst at the rools and Our of the burning sun; for one day's or perhaps one hour's drought at the roots will produce the dry not which attacks the leaves, causing them to turn black and fall off. Always give the Behavior of the produce the dry in the product of the plant is the grow, not bushy and strong, but with long, shender branches, almost vince—indeed 1 have seen lovely specimens blooming beoutifully as house plants after doling service outdoors.

Heuchera Sanguinea.-Ilardy Perennial. 02 easy culture in any ordinary garden soil, except stiff clay-and may be readily increased by dividing the crowns during spring.

Hollyhock.—Hardy Perennial. Starl the seeds in loxes in house early. When plants have made three or four leaves, transplant to garden to one foot neart early in Jone and they will bloom the first season.

Humulus Japonicus.—(Japanese Hop.) thardy Percanial, A climber of easy enture in ordinary garden soil, but thriving best in a deep loam.

Ice Plant.—Tender Annual. Succeeds leed in dry, sandy soll and in a warm situation. Can be grown in hanging baskets, vases, pots or open border. Cover the seeds very lightly when planting.

Impatiens Sultani.—Tender Perennial. I do not advise a start before March, and hot then unless a steady heat of 60 or 65 degrees can be relied on. Sow in well-drained pots, filled with soil composed of two parts of tafty loam and one part of leaf soil, with very little sand added. The seedlings are exceedingly brittle at the outsel, and repotting should not be attempted until they are about an inch high. Even then they need delicate handling, and after the task is accomplished they should be promptly placed in a warm frame or propagating pit for a few days.

Lantana.-Half Hardy Percunial. Suitable for pot culture. Start under glass in loamy soil and transplant.

Larkspur.—Hardy Ammal. Sow early in open ground in the place where it is to bloom, as the plants are not easily transplanted. Thin on ten luches apark.

Lathyrus.—(Everlasting Pea. Hardy Perennial. They are easy of enthure, thriving in aimost any moderately good garden soil. Sow seeds early in spring in an open border. The root of this plant being woody, it is resential that at the braining it should be planted dreply, in order to prevent the frost from heaving it to the surface, when the crown becomes frozen and the plantdies. By observing this precaution the plant will be found to be perfectly hardy, and by removing the old blossoms, the length of the bloom ing period may be greatly prolonged.

Linaria. - (Kenilworth Ivy.) Hardy Perennial. Sow seed during March or April, on light soil, well drained.

Linum.—(Crimson Flax.) If the seed be sown in the hot-bed, and the plants transplanted into good, rich soft, one foot apart, the period of dowering will be much advanced, but the seed can be sown in open ground after it becomes warm.

Lobelia.—Half Hardy Annual. Sow in boxes in the house, covering the seed barely sufficient to hide from sight; and keep the surface moist by shading with paper until the seeds germinate. Transplant about the first of June in unoist soil.

Lychnis.—Hardy Perennial. Start the seed in boxes in house early, and transplant to border one foot apart in June and they will bloom the first season.

Marigold.—Half Hardy Annual. The seed should be started in a hot-leed and transplanted six inches apart in June, in common soil.

Marvel of Peru.—(Mirabilis.) Hardy Annual. Will grow in any common garden soil from seed sown in open ground. The plant is large and requires two feet of space. Sometimes called "Four O clocks."

A Cheap Border of Flowers can be had by planting a few cents' worth of seeds of the good, old-fashioned Four O'clacks. Sow them two foed apart in a drill. They will make plants two freet high, and the row will be as compart as a hedge, and in early morning and evening as handsome a display as it is possible to make. In cloudy mornings the flawers will keep open until noon, rivaling in beauty a collection of the choicest azuleus. No two plants will be alike, and on the same plant there will be a great diversity of color.

Mimulus.—Half Hardy Annual. The seeds are very delicate and should be sown indoors in boxes; transplant after the ground has become well warmed; place in rich soil, about eight inches apart. It is perennial in the greenhouse.

Maurandia.—Half Hardy Perennial. Sow early indoors, and transplant to open air in June, and it will flower profusely the first senson.

Mignonette.—Hardy Annual. May be sown in the open ground any time in the year when the ground is not frozen. It is perfectly bardy, and easy of culture, growing well in almost any situation. Mimosa Pudica.—(Sensitive Plant.) Usually treated as an annual, but under stove treatment it assumes a perennial character, Seed may be sown during spring in a hot-bed, or by cultings of rather firm, young shoots, inserted in sandy soil in heal. Thrives best in a compost of loam and peat in equal proportions, to which a small portion of sand may be added.

Mina Lobata.—Tender Annual. Sow seeds early in spring in a warm house. A good plan is to place box or three seeds each is small pots and afterwards transfer the plants boilty into larger sizes. A suitable empost consists of fibry loam, rotten manure, and leaf soil, which should be mixed together and used somewhat lumpy.

Molucca.—(Shell Flower.) Hardy Annual. Seeds should be sown in a hot-bel during spring, and the seedlings transferred to the open border during May. A sandy loam is the most suitable soil.

Morning Clory.—Half Hardy Annual. The seeds germinate so easily that they can be grown in the garden anywhere the plants are needed. Supply support early, either cord, were or brush.

Musa,—Tender Perennial. In growing Musa from seed, plant a single seed in a 4-inch pot lilled with sand, and place over the steam pipes in a greenhouse. It is necessary to keep the sand rather wet until the seed germinales, when they may be transferred to larger pols and a good, rich soil. It will take several weeks probably for the seed to germinate, but a temperature of 80 degrees to 90 F, will greatly facilitate this.

Masturtium.—Hardy Annual. Saw in boxes and transplant first of June to eight inches apart. They flower better in poor, recky soil, as a rich soil has a tendency to make them "run to leaf." An onnee packet of Nasturtium seed will be sufficient for a bed twenly feet in diameter, and will make a better display, for three months, than almost any other plant. The flowers are every bright and cheerful, the foliage a ropuse for the eye, while the hed will furnish a bountiful supply of delicious pickles, Combine the beautiful with the useful.

Nicotiana. - Ilalf Hardy Annual. Seed should be sown in February or March in gentle heat, and the young plants pricked out, when large enough, and planted out early in June.

Nigolla.—(Love-in-a-Misk). Hardy Annual. Sow early in the flowcring bols, or they may be transplanted, using eare in shading the plants. Nigella is one of the hevellest annuals, and they are exceedingly useful in many kimbs of birdsd' works. And in addition, the seed is deliciously fragrant, and as elegant for sachets as Rose petals or Orris root, and the fragrance seems not to waste or lessen as is the case with Rose petals, and for the sake of the sweet sorely, the plant is worthy.

Nolana. - Harrly Annual. Sow in open ground early, in light soil. Transplant to one foot apart.

Oenothera. - (Evening Primrose.) Hardy Annual. Thrives in almost any soil or situation,

Ornamental Grasses.—They are mostly annuals, and those which are not, flower the first year. They should be sown in April or May, in a good soil, and thinned out or transplanted, giving each plenty of room.

Orange Daisy.—(Erigeron Anrantiacus,) Perennial. Splendid for mixed borders in a moist, well-drained situation,

Oxalis.—Haif Hardy Perennial. Very prodly herbaceous plants, with righ, rose colored blossoms. They thrive well in a mixture of bond and small. Desirable for greenhouse decoration, rock work, or baskets out of doors.

Pansy.—Hardy Biennial. Seed may be sown in open ground in spring or summer, or in hot-bed early in spring. Young plants produce the largest and lest dewers. The idants should always occupy a cod, partially shaded situation, and the ground cannot be too rich; coolness and moistore are necessary. Transplant when an inch high. Seed sown in July will blossom late in autuon; if sown in October, the following spring. The Pansy is a popular flower with belli florits and amateurs, giving an abundance of bloom until after severe frosts, enduring our hard winters with safety, and greeting as in the carliest spring with a profusion of kright blossoms. It will flower better in middle of summer, if planted where it is somewhat shaded from the hot sun, and especially if turnished with a good supply of water.

Petunia. Tender Perennial. Petunlas will do well sown in open border in the spring, or earlier in cold frame or hot-bed and transplanted Bs inches apart. By the latter process they will come into bloom much earlier, although they will do perfectly well sown in open ground. Be careful not to cover the small seeds loo deeply, they like a saudy loam. Double Petunlas, as a rule, are shapeless monstrosities. If grown in the open border, the stems are not slout enough to hold them up, especially when heavy with rain, and they keedene draggled and sailed with earth, and very unsightly objects they are. Double Petunias are only satisfactory when grown in pots, and there are so many better things for pot culture, that it seems a waste of time to devoke it to these. It is inflerent, however, with the better single varieties, especially those of Petunia Graudifora.

Phlox Drummondii.—Hardy Animal. The seed can be planted in open ground in setumn, or in spring in open ground, or plants may be started in the hot-lord in spring and transplanted. Set plants in good, rich soil six inches opent each way.

Pilogyne Suavis, Tender Perennial Climber. The correct name of this plant is "Melothria Punchta." It is a rapid, graceful and fragrant climber, and one of the most subfactory plants for summer or whiter. The slips grow easily, and any one can succeed with it.

Poppy.—Hardy Annual. The seeds should be sown where the plants are required, in spring, and thinned out so the plants will stand one foot apart. Just as soon as the ground is nedlow, prepare a patch by forking, then raking level; then sow the seed broadens!, rake it in lightly, and first the soil on the surface with the reller of back of the spade. The seedings will soon appear. Keep them weeded clean. They will bloom about the lirst of July. Let them ripen some seed and self-sow themselves, and you will ever afterward have Poppies.

Portulaca.—Tender Annual. Plant in open ground after it has become warm, in hight, sandy soil, and in dry siluation. After the plants appear, withhold water, and if the bel has a full expessive to the sim, the ground will be covered with plants, and the effect will be leastiful.

Primula.—(Chinese Primrose.) Tender Perennial. The seed can be sown any time from February to July, and soil prepared as follows: Take some bed mold, about twice as much beam, and chough sand to make the whole light and porous. Mix all and pass through a fine siever fill a small, shallow box to within an inch of the top, and press down evenly. Then after watering the earth thoroughly, the seed may be sown on the surface with the lightest possible envering of soil, and kept constantly noist. It is best to place a piece of coarse frown wrapping paper on the soil to exclode light. If a line rose watering pot Is not uvailable, water as needed may be gently poured on the paper, which should be lifted at night to give air, and cuttrely removed as soon as signs of the plants appear. When the plants are large enough to handle, they may be transplanted to another box, and when still larger put into

the pols in which they are to bloom, as they are sure to do the first winder. After blooming, the plants throw out sets, which may be taken off and treated the same as other cuttings. Those that have bloomed indoors should be set out in a shedy place in the summer, and if flower bads appear, pinch them off, Never allow the sun on the seed pan or the plants.

Ricinus.—Half Hardy Annual. Seak the seeds in lukewarm water until they commence to split open, before planting. Put in a warm, samny situation, and water frequently with liquid manure after the plants have attained strong growth.

Rose, Dwarf Polyantha.—Very hardy, and may be treated as annuls. Seed stutted in the heave in February will give plants large enough to plant in the open ground in June where they will continue to bloom throughout the season.

Rhodochiton. - Ilalf Hardy Perennial. See Mauranolia for culture.

Salvia.-Tender Amoual. Start the plants in a hot-bed and transplant into light, rich soil, about one foot aparl.

Salpiglossis. Half Bardy Annual. Start early in hot-bed, and transplant to light, warm, rich soil.

Saponaria. - Hardy Annual. Simply requires sowing in open border as early in the spring as ground is in good condition.

Scabiosa.—(Mourning Bride.) Hardy Annual. Plant the seed in hot-leed, and transplant to 1½ feel apart.

Schizanthus. (Butterfly Flower) Sow in finely prepared seedhed, or in laxes, in May; transplant to one fout apart in common soil. For indoor culture, sow at any time.

Senecio.—Half Hardy Annual. Succeeds in almost any loamy soil. Plant outside as early as the season will permit.

Smilax.—Tender Perennial. Soak the seed in warm water twelve hears and plant in pots, in hed-hed or greenthouse, in February, and keep in warm, noist place. One plant in a two-linch pol is enough. After they have completed their growth, and the foliage begins to hirn yellow, turn the pols on their sides and withhold water till August, when the httle holb which has formed can be re-polted in good, rich earth, watered freely, and it will grow all winter.

Solanum.-(Jerusalem Cherry.) Helf Hardy Annual, Easily raised from seed; succeeds in almost any rick, loanny soil.

Statice.—Hardy Annual. Sow seed early in spring, in a frame, the young plants being put out into their permanent places when large enough. They thrive best in sandy soil, in the open border or on rackwork

Stocks.—(Ten Weeks.) Hardy Annual. Sow in hoxes, indoors, in April, and transplant the last of May, in deep, rich soil, abaut one foot apart.

Sweet Peas.—Hardy Annual. Plant outdoors just as soon as the ground can be worked, five inches deep, in u double row, about ten inches apart, and the seeds dropped 1½ inches apart, in the furrows; and fertilize with wood ashes, bane-hour or intrate of soda. Supply brush or strings at least sever feet high, and water freely. Pick the klassoms every day and keep the pods off.

Sweet Rocket.-Hardy Perennial. Border plant; sweet-scented in the evening. They thrive best in a somewhat most, sandy toam,

Sweet William.—Hardy Perennial. Sow in prepared leds, in the garden, anywhere up to the middle of June, Transplant into good soil, eight inches apart. Cover lightly during the winter with leaves.

Thunbergia.—Half Hardy Annual. The seeds start slowly and should be sown in a hot-bed, or in a box in house, giving plenty of moisture and heat.

Torenia.—Annual. Sow seed in March or April, in a warm lemperature. When large enough to handle, the seedlings should be pricked of into the pots or hanging-basket in which they are intended to flower, A compost of loan and leaf mold, with a little saml or charcoal interniked, is most suitable.

Verbena.—Tender Perennial. As early in the spring as sunshine and lengthening days warrant, sow the seeds in good garden soil, in a shallow hax, cover to about their own depth, press the soil firmly about them and place in a sunny window. Do not allow the dirt to become two dry or too cold. Have patience; sometimes it takes a fortnight for the seeds to germinate, or even longer. When the seeds begin to appear above ground, he especially careful not to give too much water. When the third and fourth leaves appear, transplant into other boxes. If there is danger of insects, heat the earth in the oven before transplanting, and set the seedlings into it when it cools oil so as to be about blood warm. It is well to start the seeds early enough to have plants three or four in-hes tall when the time comes for placing in the flower led the last of May. Set the plants about eighteen inches apart, having previously made the ground rich and mellow. As fast as the branches appear, pin them down, finuly pressing the earth about them. The more the plants cross and re-cross each other, the hetter. Let very few blossoms go lo seed; keep line weeds out, and the bed ought to thrive.

Vinca.—(Perriwinkle.) Tender Annual or Perennial. May be grown in the garden by setting out strong plants in a warm situation.

Violet.-Hardy Perennial. See Pansy for culture.

Wallflower.—Tender Perennial. Sow the seed early, and they will bloom the first year. While the plants are small, prick them out into pots.

Water Lilies.—The seed, when planted, should have a small hole drilled or filed through the shell to allow the water to penetrate the kernel, otherwise they will not germinate. The best soil for proving them is rich, librous loam with a liberal admixture of well-rotted stable or cow manure. Rich mud from the leed of a pond or slugglish stream is also good. They can be successfully grown in the open air in tube either on the surface or sunk in the ground. Oil larrets, cut in two, make inexpensive and convenient tubs. Put in the leasu to the depth of ten or twelve meles, in which plant the seeds, barely covering them. Now fill in six inches of water, set in a sunny place, adding water gradually until the tub is full by the lime the leaves have covered the surface, and replenish the water as it lesses by evaporation. In winter pure off the water and renove te a cool cellar or keep from hard freezing by covering with leaves; This is all the care and trouble required to produce flowers equally as fine as are found in their natural houses.

Zinnia.—Hardy Annual. Succeeds well in any soil. Few plants qual the Double Zinnist for making effective bels of bloom. The seeds should be sown in March or April, and the seedlings transplanted once before removing to the open ground, which should not be done until danger of frost is past. Plant out temporarily at about six inches apart, and as the first flowers appear select the finest double specimens, lifting with a ball of earth attached to the roots, remove them to where they are to flower, setting at eighteen inches apart each way.

THE LANGUAGE OF FLOWERS.

THE EAROUAG	L OF FLOWERS.
Abronia · · · · ·	Delicacy, Refinement.
Adonis · · · · ·	Sorrowful Remembrance,
Agrostemma · · · ·	Gentility.
Alyssum, Sweet · · · ·	Worth beyond beauty.
Amaranthus	Hopeless, not heartless,
Amaryllis · · · · ·	Splendid beauty.
Anngailis	Change, Fickleness.
Aucmone	Expectation.
Apple Blossom • • • •	Preference
Ageratium · · · · ·	Undying affection.
Arbutus, trailing · · ·	Welconie,
Aspernia	Agreeableness.
Azalea · · · · ·	Romance.
Aster	Afterthought.
Bachelor's Button · · ·	Hope in love.
Cacalia (Tassel Flower) · · · ·	Riches. Adulation.
t'actus	Then lovest not.
Calla Lily · · · · ·	Feminine beauty,
Callionsis · · · · ·	Vanity,
Camellia · · · · ·	Pity.
Campanula (Canterbury Bells) .	Constancy, Gratitude,
Canna	Revenge.
Candytuft · · · · ·	Indifference.
Cardiospermum (Balloon Vine) .	Kiss and make up,
Carnation, yellow · · · ·	Disdain,
Catchfly (Silene)	lam a willing prisoner
Centaurea · · · · ·	Single blessedness,
Centranthus · · · · ·	Personal charms.
Cedar	I live for thee.
China Aster · · · ·	I will think of it.
Chrysanthemum, Rose	l love,
Willie .	Truth.
Clarkia	Pleased to hear you.
	Artifice. Industry.
Clover, Red · · · · · · · · · · · · · · · · · · ·	Gossip.
Cockscomb (Celosia) · · ·	Forgery.
Columbine (Aquilegial · · ·	Folly,
Convolvulus, Major · · · ·	Dead hope,
Coreopsis · · · · ·	Love at first sight.
Cowslip · · · · · ·	Pensiveness.
Croens · · · · ·	Cheerfulness.
Crown Imperial • • • • •	Mujesty.
Cypress	Mourning.
Daffodil	Chivalry,
Dahlia	Forever thine.
Daisy, White	Innocence.
Dandelion · · · · ·	Coquetry,
Datura · · · · · · · · · · · · · · · · · · ·	Deceitful Charms,
Delphinum (Larkspur) · · · · · Digitalis (Fox Glaye) · · · · ·	Fickleness.
Evening Primrose · · · ·	Insincerity.
Eschscholzia • • • • •	Inconstancy, Do not refuse me,
Fuschia, Scarlet	Taste,
Gaillardia	Good scense,
Complirena (Globe Amaranth) .	Unfading love,
Geranium, Rose	Preference.
Gilia · · · · ·	Sociability.
Golden Rod	Enconfagement.

Helinbrope I love you, devotion. Hibiscus Delieute heanty, Holly Foresight. Hollyhock . Fruitfulness. Honesty (Lunaria) Sincerity. Honeysnekle Bond of Love. Hyacinth Jealousy. Ice Plant Your looks freeze me. Inomoca I attach myself to you, Ipomosis Excellence, Ivy . Friendship, Matrimony, Jessamine, Cape Transient Joy. Happiness in humble life. Kanlfussia Lady Slipper (Balsam) Impatience, Lantana Rigor. Lemon Blossom Discretion. Leptosiphon • Hope. First emotion of love. Lilac . Lily . Purity, Modesty. Lily of the Valley Relarn of Happiness. Falsehood. Lily, Yellow . Llnum Domestic industry. Lobelia . Malevolence. You puzzle me. Love-in-a-Mist (Nigella) Lupinus (Sun Dials) • Dejection. Lychnis (Ragged Robbin) Wit. Good nature. Malope • Cruelty Marigold Marvel of Peru (Four o'clock) Timidily. Mignometto Your qualifies surpass your charms, Sensitiveness. Mimosa • Mint Virtue. I surmount all difficulties, Mislletoe Fun. Jollily. Minunlus Mock Orange Counterfeit, Monraing Bride (Scablosa) Unfortunate atlachment. Myosotis (Forget-Me-Not) True love Love, Myrtle . Egotism. Narcissas Nasturtium Patriotism. Nemonhila Success. Chastily. Orange Flower + Think of me. Pansy Passion Flower • Religious fervor. Wilt thou go with me? Pea. Everlasting . Pea, Sweet . Denserture. This heart is thine. Peach Blossom Anger. Peony · · Well hred. Penstemon Consolation. Pyrethrum Personal charms. Perilla Petnnia. Not proud. Our souls are united. Phlox Fure affection. Pink Poppy Sleep. Love in a cuttage. Portulaca . Ricinus (Castor Oil Bean) Detestation. Rocket . Rivalry. Rose Beauty. Salpiglossis Political distinction. Wisdom, energy. Salvia

Contentment,

Sanvitalla •

Saponaria							Humility.
Sensitive							Timidity.
Snapdrage	m						Presumption.
Stocks, 10	Weel	45 .					Promptitude,
Sunflower	. Dw	arf		٠			Your devoted adorer.
Sweet Sul	inn						Felicity.
Sweet Wil	liam						Finesse.
Schizanth	us •					٠	Coquetry,
Thunbergi	a						Elegance of manners.
Tuberose							Dangerous pleasures,
Tulip .							Declaration of love.
Venus' Lo	okins	g Gla	LYS.				Flattery.
Verbena							Sensibility.
Violet, Bl	ne •						Lave,
Wall Flow	er				٠		Fidelity.
Whitlavia							Constancy,
Xeranther	ոսու						Cheerfulness,
Zinnia •			•				Absent friends,

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