



Sweet Pea Review

THIRD EDITION

~ 1898 ~

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 THE CHIEF OF BUREAU OF AGRICULTURE AND STOCK RAISING
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16 POST STREET

San Francisco, Cal. 23 October, 1897.

San Francisco, Cal.

James Sproule, Esq.,
 Manager Sunset Seed & Plant Company,
 500 Francisco, Calif.

Dear Sir:-

Let me say to you in reply to your favor of 19th inst., that while the grounds of the Hamburg Horticultural Exposition constituted a great scene of floral beauty and loveliness, that the sweet peas planted there at the instance of your enterprising company became an object of great interest, and were admired and favorably commented on by all observers, and, incidentally, I will say that they were observed by nearly all who attended that great Exposition.

I found while abroad that there is a halo of interest and romantic charm that attaches to the name "Californians," and anything from this State at once attracts interest, and that interest is magnified when it is discovered that the products from this distant land is of superior excellence, as was admitted to be the case, not only in the matter of your beautiful floral exhibit, but in almost everything that was exhibited from this State

Yours, very truly

J. A. Schneiderman
 Sec. and Manager

THE CORNELL UNIVERSITY
 COLLEGE OF AGRICULTURE
 I. W. HALEY, Professor of Horticulture

RECEIVED
 OCT 11 1897
 COLLEGE OF AGRICULTURE
 ITHACA, N. Y.

Ithaca, N. Y. Sept. 21, 1897

Sunset Seed & Plant Co.,
 San Francisco, Cal.

Dear Sirs:

Returning from my European trip, I find your letter asking about your sweet pea exhibit at Hamburg and in reply will say that I did not make detailed notes upon the exhibit, but there were many varieties in a comparatively small space, and even I saw that they were in fine bloom and making an excellent show. I am sure that they attracted considerable attention. I was very glad to see the sweet peas presented in the exposition by an American firm.

Yours most truly,

I. W. Haley

THE CORNELL UNIVERSITY
 COLLEGE OF AGRICULTURE
 I. W. HALEY, Professor of Horticulture

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 OCT 11 1897
 COLLEGE OF AGRICULTURE
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Ithaca, N. Y. Oct. 6, 1897

Sunset Seed & Plant Co.,
 San Francisco, Cal.

My Dear Sirs

You are, of course, at liberty to use the letter which I sent you regarding your sweet pea exhibit at Hamburg. I saw the exhibit myself two or three times and therefore feel sure that it was there.

Yours very truly,

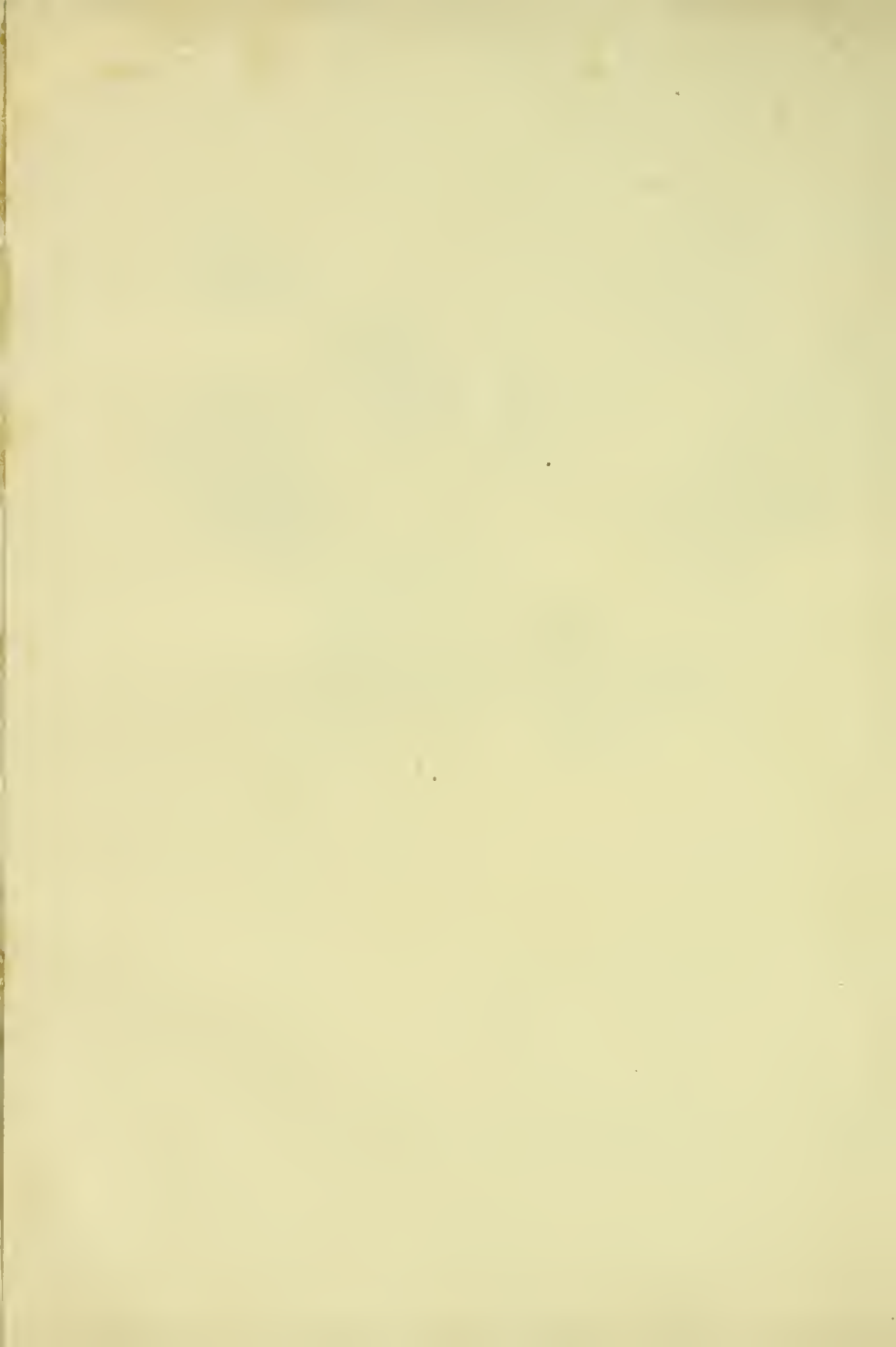
J. A. Daily

Sweet Pea Review

William Doxey of San Francisco has published an admirable review of that most attractive and generous flower—the sweet pea. It is prepared and edited by the Sunset Seed and Plant Co., the recognized authority on the subject. In addition to describing in detail 125 varieties, it offers a tabulated summary by colors, indicating the best and those next desirable, and recommending the discarding of others. This is most valuable to all growers. The book is beautifully illustrated, and completely fills its purpose. It will be sent by mail for 25 cents.



THE EVOLUTION OF SUNSET SEED AND PLANT CO'S SWEET PEA NOVELTY—RED RIDING HOOD.
(See Page 39.)



SWEET PEA REVIEW

Prepared and edited by
SUNSET SEED AND PLANT CO.
San Francisco, California

THIRD EDITION
1898

WILLIAM DOXEY
At the Sign of the Lark
San Francisco

Preface to the First Edition

A brief, definitely-worded Review of Sweet Peas must prove interesting to the horticultural world. Accuracy has been aimed at, and our conclusions, derived from the broad plane of practical experience gained in our own seed-growing domain, are trustworthy. Copious notes and endless comparisons in our fields are here condensed into concise and practical form, and, while not, perhaps, perfect in every respect, they will be found peculiarly convenient. It is our effort, by co-operation, to still further ennoble the charming Sweet Pea, and in pursuance of that end the present little publication, the fruit of recreative moments snatched from a busy life, is respectfully tendered to flower lovers by the

Pioneer Sweet Pea Growers of California

October, 1896.

Preface to the Third Edition

A year has passed since the issuance of our First and Second Editions of the "Sweet Pea Review." In the interval, our favorite flower has gained in popularity as well as in the number of its varieties,—to enable the public to keep pace with which it is necessary to issue this Third Edition. It is but a merited tribute to here state that both the press and the people have given the previous editions of our "Sweet Pea Review" a far more distinguished reception than we dared hope for. Their appreciation and enthusiasm give added zest as we again aspire to fittingly honor this flower of exquisite simplicity. Foremost in ease of culture, most varied in beautiful tints, fragrant as any flower,—what more need be claimed for this gem among Flora's countless jewels!

January, 1898.

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BY
WILLIAM DOXEY
SAN FRANCISCO

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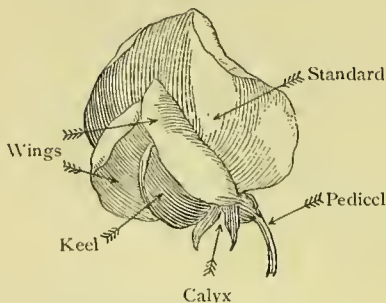
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Definition of terms and phrases used in REVIEW

Parts of the Sweet Pea flower



- Apex*—Extreme top of standard.
Admixture—Mixing or mingling of tints or colors.
Blanc's Chart—A color chart in general use by florists.
Bleached—Faded, whitened.
Blendings—The mingling of tints so that each retains some distinctiveness, as in the colors in the rainbow.
Blush—Shades of pink.
Calyx—The green outer covering of flowers. See diagram giving parts of flower.
Color Class—Color headings into which varieties are grouped.
Contrasting Shades—Tints distinct in wings from those in standards.
Convolute—Rolled.
Deterioration—Act of becoming worse.
Departures—Form of flower or habit of growth departing from usual specific types.
Dorsal—Relating to the back of standard.
Dwarf—Showing no tendency to trail or climb.
Elliptical—Oblong, the two ends alike in width.
Elongated—Pertaining to the lengthening of standards.
Explanate—Pertaining to *flat* open standards.
Expanded—Pertains to broad open standards whose contour is not necessarily explanate.
Florescence—Flowering.
Germination—Sprouting of Seed.
Grandiflora—Large-flowered.
Habit—Fixed tendencies.
Hooded—Pertaining to much-incurved standards.
Improved Forms—Varieties free from the notched apex.
Keel—See diagram giving parts of flower.
Laterals—Side branches.
Marbled—Sunburn on standard, causing a whitish effect.
Midsuture—Pertaining to that part of standard which corresponds to the hind rib of a leaf.
Mingling—Mixing of tints.
Millimeter—Twenty-five millimeters make about one inch.
Old Type—Varieties bearing small standards notched at apex.
Ovate—Outline like a section of a hen's egg lengthwise, the broader end downwards.
Obovate—Inverted ovate, ovate with the narrower end down.
Pedicel—See diagram giving parts of flower.
Peduncles—Flower stems.
Procumbent—Lying close to the ground.
Reflexed—Turning backwards.
Self—Same tint or color throughout flower.
Standards—See diagram of parts of flower.
Subdued—Softened tints.
Substance—Pertaining to quality of composition of flower petals.
Tricolor—Three colored.
Variegated—Diversity in markings.
Wings—See diagram giving parts of flower.

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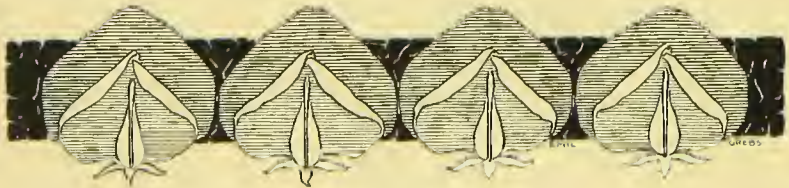
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Sunset Sweet Peas



Noting
Germination



Inspecting
Crop



Roguing



Shipping

CROP STAGES.



Summary of all Sweet Peas introduced to date (1898)

Arranged according to color and in order of merit

The varieties of Sweet Peas have become so numerous that amateurs and some seedmen complain that the list is too unwieldy to follow, and it is with a view to overcoming this fault that the following graphic arrangement of varieties is submitted in the hope that it will be found a practical aid to easy discrimination.

The **first column** contains **the best** varieties in each color-class. The **second column** shows sorts of less merit. All varieties in **third column we recommend to be discarded**, because lacking merit.

The sixty varieties in first column are an ample color assortment for the most ambitious, while one variety from each of the groups in first column makes a list *par excellence* of thirty-two varieties.

NOTE PARTICULARLY. Dotted lines connecting varieties in the respective columns indicate considerable similarity in varieties thus connected.

Special attention is called to the fact that this arrangement, as well as entire contents of "Sweet Pea Review," is completely covered by copyright.

<u>Color-Class</u>	<u>1st Column</u>	<u>2d Column</u>	<u>3d Column</u>
White	{ Blanche Burpee . . . Emily Henderson . . . Mrs. Sankey	{ The Bride Snowflake	{ Alba Magnifica Queen of Eng- land
Yellow	{ *Golden Glean Mrs. Eckford	Primrose	*Queen Victoria (not true)
Pink	{ Prima Donna Lovely Katherine Tracy	{ Blushing Beauty *California Royal Robe Mrs. Gladstone	Isa Eckford
Rose	{ Lady Penzance Ovid Her Majesty	{ Miss Hunt Oddity Novelty Splendour	Adonis
Scarlet	{ Brilliant Firefly	Cardinal	{ Harvard Invincible Scar- let Invincible Car- mine
Crimson	{ *Salopian Mars		Ignea
Between Scarlet and Crimson	{ *Prince Edward of York Princess Victoria		{ Duchess of Ed- inburgh
Bluish	{ *Captain of the Blues (Same as Grand Blue)		{ Imperial Blue Madam Carnot
Mauve—Bluish	{ *Lady Nina Balfour Celestial New Countess Princess May Countess of Radnor	{ Each of these var- ieties possesses some slight spe- cial merit. Begin- ning with Lady Nina Balfour, we have graded them downward	
Mauve—Reddish	Emily Eckford	Dorothy Tennant	
Magenta	Captivation		
Claret	Duke of Clarence	Waverley	
Deep Maroon and other deep closely-allied tints	{ *Shahzada Stanley	{ Monarch Boreatton	{ Indigo King Purple Prince
Blendings	{ Crown Jewel Coquette Venus	{ Lemon Queen Peach Blossom Princess Beatrice Alice Eckford	{ Delight Crown Princess of Prussia Violet Queen (Same as Prin- cess Louise)
<i>Standards and wings of slight- ly different tints</i>	{ Lady Beaconsfield *Triumph	{ Countess of Shrews- hury Bronze King	The Queen

* 1898 Introductions.

Color-Class 1st Column 2d Column 3d Column

<i>Flaked and clouded</i>	{ *Emily Lynch Royal Rose Apple Blossom....	..Eliza Eckford	
<i>Rich metallic</i>	{ *Countess of Powis Meteor..... Rising Sun Etna.....	..Orange PrinceCarmen Sylva.....	..Vesuvius
<i>Suffused and narrowly edged (with Lavender)</i>	{ Lottie Eckford.... Maid of Honor Golden Gate	..Butterfly	
<i>Do. (with Rose)</i>	{ Countess of Aberdeen (First pure stock offered)		
<i>Penciled effect</i>			Fairy Queen
<i>Tricolor</i>	Captain Clark		
Contrasting — standards and wings in differing tints	{ Little Dorrit Extra Early Blanche Ferry.. Duke of York	{ Blanche Ferry..... (Same as Blushing Bride, Improved Painted Lady)	..Empress of India Painted Lady (Same as Nellie Jaynes)
Variegated			
<i>Orange-rose</i>	Aurora.....	*Coronet	
<i>Rose</i>	{ Mrs Joseph Chamberlain Mikado	Gaiety	
<i>Pink</i>	Ramona.....	..Duchess of York	
<i>Bluish Mauve</i>	*Striped Celestial..	..Juanita	
<i>Speckled effect</i>	Gray Friar		
<i>Chocolate and Purplish Mauve</i>	{ Senator.....	..Princess of Wales	
<i>Scarlet and Crimson</i>	{ America.....	..Daybreak.....	{ Queen of the Isles Red and White Striped
<i>Tricolor</i>	*Columbia		
Departures			
<i>In habit of growth</i>	{ Cupid		
<i>In form of flower</i>	Red Riding-hood		
Doubles	Bride of Niagara		

* 1898 Introductions.

Imperial Recognition

International Horticultural Exposition
in Hamburg, 1897

Hamburg, Germany, Oct. 16, 1897.

Holstenplatz, cor. Hoistenwall Street.

SUNSET SEED AND PLANT COMP.,
San Francisco.

The Prize Judges of the planted exhibits have awarded to you the following prizes for your growing out-of-door exhibit:—

Grand Silver Medal and 20 marks—for **Lathyrus**.

Respectfully yours,

WILH. MÜHLE,
Secretair.

Home Congratulation

A Sunset Sweet Pea Success

November 27, 1897.

GREAT SILVER MEDAL.—A cable message has been received by the Sunset Seed and Plant Co., of this city, from Hamburg, Germany, which is as cheering as it is brief. It reads: "Collection Sweet Peas awarded great silver medal." Such a recognition of excellence and variety, coming as it does from the Hamburg Horticultural Exhibition, where the flower, plant, and fruit men of the world met in open competition, is a valuable tribute, not only to the house itself, but to the State of California.—From *California Fruit Grower*.

BERKELEY, Nov. 16, 1897.

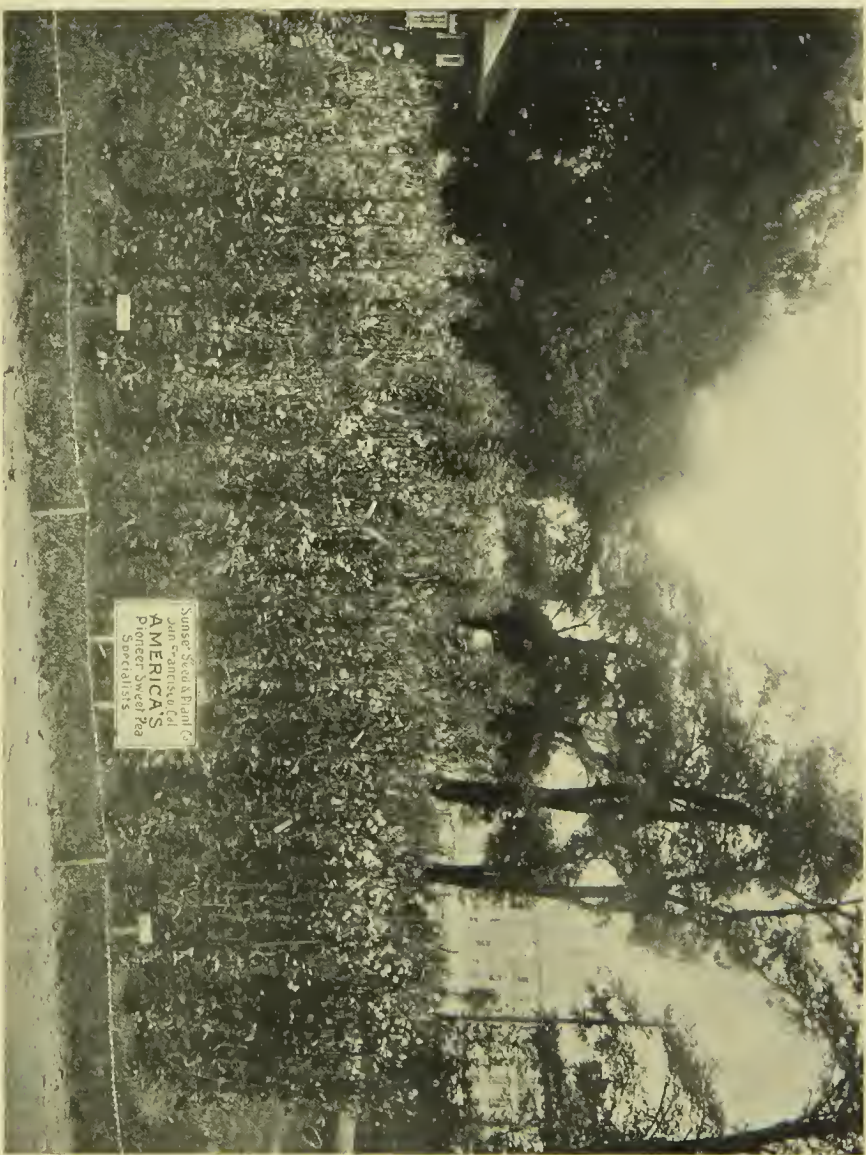
Dear Sir:—I receive with pleasure your beautiful souvenir engraving of your successful Sweet Pea exhibit at the Hamburg Exposition. It was a happy thought of yours to make this demonstration for California, and all will be glad that it was so handsomely recognized by the Exposition jury of awards.

Respectfully,

E. J. WICKSON,

Chair of Agriculture and Horticulture.

JAMES SPROULE, ESQ.



Sunset Seed & Plant Co.
American's
Pioneer Sweet Pea
Specialties

SUNSET SEED AND PLANT CO.'S GROWING SWEET PEA EXHIBIT AT HAMBURG HORTICULTURAL EXPOSITION, 1897.
Awarded a Cash Premium and also a Great Silver Medal. (See page 12.)

Sweet Pea Review

in detail

One hundred and twenty varieties of Sweet Peas arranged in color-groups and classified according to type, the LARGEST FLOWERED FORMS APPEARING FIRST (other points being equal) in each group; with recommendations for doing away with the least desirable sorts. Critical notes made in large Sweet Pea acreage during the past five years.

White

Blanche Burpee Pure white; large; the true Eckford *grandiflora* type, producing three or four flowers on slender, strong stems. Growth vigorous; a profuse though somewhat late bloomer, but lateness offset by continuity of bloom late in the season. Deserving of high rank.

Emily Henderson By far the best and largest of the old-type whites; but not so finely formed as *Blanche Burpee*; of pure color and good substance, bearing two or three (sometimes four) medium to large, bold, expanded flowers, on exceptionally long, stiff stems. Medium vigorous; medium floriferous.

Mrs. Sankey A black-seeded white of perfect form, and, when carefully selected, of pure color and remarkable substance; equal, if not superior, to any white, but unfortunately inclined, under certain soil or climatic conditions, to take on a pinkish hue. Stems often have four flowers.

The Bride Pure white, resembling *Blanche Burpee*; standards more expanded, not so large.

Snowflake Of same general character as *Emily Henderson*, but inferior to it.

Alba Magnifica A rather small-flowered white of the old type; standards explanate, with notched apex; flowers of fair substance; stems of medium length and rigidity, often producing four blooms. An improvement over *Queen of England*, but inferior to the other white varieties.

Queen of England Smallest and poorest of the whites; generally bears three-flowered (frequently two-flowered) stems. Merely shows, *by contrast*, the wonderful advance made in Sweet Peas in the last decade.

Yellow

***Golden Gleam** A deep primrose-tinted version of *Blanche Burpee*, possessing all the elegance of its parent in form, size, and substance, with the added virtue of extreme vigor and floescence. Put on sale by us Fall, 1897.

Mrs. Eckford Not so large as *Golden Gleam*; color delicate primrose tint; most effective when bunched. Stems often four-flowered; but shows to better advantage, we think, when three-flowered.

Primrose Inferior to *Mrs. Eckford*, in form principally, the objectionable notch on standard being prominent. Standards explanate, sometimes slightly reflexed; flowers medium large. A shade deeper than *Mrs. Eckford*.

***Queen Victoria** Intended to be an ideal type; of large size, perfect form, fine texture, delicate sulphur-yellow color with faintest suffusion of purple. Does not run uniformly true to originator's description, some of its seed being white and some black, and color of bloom fifty per cent. untrue.

Pink

Prima Donna After two seasons' growing we still would accord this variety first place among pinks. A large, perfect flower, of elegantly hooded form, and finely proportioned; a shade deeper than *Royal Robe*, but of clearer color and of best substance. Stems three and four-flowered, in almost equal proportions. Vines of a spreading habit—the secret, perhaps, in part at least, of its perfect development.

Lovely Possesses qualities found in no other Sweet Pea tried by us. A shade deeper than *Prima Donna*. Wings of a delicate rose, lightly suffused at the throat of standard and at base of wings, gradually softening toward the margins, the whole fading as the flower ages. Remarkable in the high percentage of its four-flowered stems, which are extra long. Flowers inclined to double, which we consider a defect.

Pink--Continued

California A delicate pink selection, softest-tinted of its class; not a large flower, but finely formed. As the flowers age, they fade to an almost pure white.

Blushing } Closely allied and of equal worth; color rich, yet delicate blush
Beauty } pink, blending with faintest lilac, barely noticeable in the latter
Royal Robe } variety. Of good size and improved hooded form. Stems slender and of good length, generally bearing three flowers, and prolific.

Katherine } Foremost among the varieties having explanate standards.
Tracy } Possesses better substance and color, also larger size than *Mrs. Gladstone*. Bears two-flowered stems oftener than three; a vigorous grower and free bloomer.

Mrs. Gladstone In its prime a delicate, rose-pink, of fair size; standard nearly round and explanate, with prominent suture, slightly deeper in tint, running down its center; stems long and slender, usually three-flowered and well arranged. Slightly marred in California by our hot sun, which sometimes impairs substance as season advances; while, on the other hand, a few days of cold weather induce increased blooming.

Isa Eckford Smaller flowered than *Mrs. Gladstone*, shading between it and *Peach Blossom*, both of which are its superior. Sunburns in midsummer.

Rose

Lady Penzance Color a rare tint of delicate rose; standards large and well formed, the silken, thread-like lacing adding to its elegance. Produces long stems, usually three- (sometimes four-) flowered; a good grower. Unfortunately, its delicate color suffers under a hot sun, but a slight protection at noonday may partly overcome this fault.

Ovid A fit companion to *Lady Penzance*, possessing all its good qualities, and, in addition, holding its color better, which is rich rose, retained unfadingly throughout the season. Standards hooded in such manner as to give apex a more pointed appearance than in *Lady Penzance*.

Rose—Continued

- Her Majesty** For size and general good qualities this variety takes high rank. A large, clear rose-pink, shaded crimson, of improved form, bearing three or four well-arranged flowers on each of its long stems; very uniform and vigorous, and profuse in its blooming qualities.
- Splendour** Similar in most respects to *Her Majesty*, but a paler shade, and flowers not quite as large, though well formed. A free bloomer, of vigorous growth; but, on account of its great similarity to *Her Majesty*, not needed.
- Oddity** Has chiefly color to recommend it—rose carmine, which prevails, however, in other varieties of superior form. Its short, thick stems and irregularly rolled and fluted standards and wings are insufficient in departure to give it prominence as an oddity; nor has it with us held true a fair per cent. Stems three or four-flowered; a satisfactory bloomer; foliage pleasing deep green.
- Novelty** Brings us back to older type, with explanate standards, slightly notched at apex; size medium large. Color, bright rose, suffused with just a little orange, wings shading to rose mauve, margined with purer rose.
- Miss Hunt** Similar to preceding in size and form; a shade paler, assuming a more pinkish cast. Could well be spared, because of *Novelty* being its superior.
- Adonis** Even less desirable than *Miss Hunt*—always small and inferior in form; substance poor, sunburns and become distorted on small provocation.

Scarlet

- Brilliant** An improved form over old-type scarlets, which entitles this variety to first place in its color-class. As intense as *Firefly* and slightly larger; somewhat inclining to fold inwardly at the apex, and free from the objectionable notch so common in the explanate varieties. Of better substance than the crimsons, though not so large or finely formed.

A RIPE FIELD OF SUNSET SWEET PEAS.



Scarlet—*Continued*

- Firefly** Foremost of the brilliant scarlets, with explanate standards. A bold flower, with erect, almost round, standards of good size. Color intensely brilliant scarlet self; stems three-flowered, and of good length; not a tall grower, but fairly profuse bloomer.
- Cardinal** Not so large or well formed as *Firefly*; standards inclined to reflex, and sometimes assume an ugly, marbled appearance along the inner upper margin. Stems three- or four-flowered; medium early; very vigorous.
- Harvard** An intense brilliant scarlet-crimson of the old type, difficult to distinguish from *Cardinal*; a trifle more crimson in the wings.
- Invincible Scarlet** Flowers small to medium, standards scarlet, wings tinged with rose; medium vigorous and fairly profuse.
- Invincible Carmine** Like *Cardinal* except that wings are a shade lighter.

Crimson

- *Salopian** An improvement over *Mars* in that the wings have the same rich tint as standards; form, size, and general habit show no contrast. *Salopian*, however, darkens slightly earlier than *Mars*, which has been considered an objectionable feature in latter variety; yet, *Salopian*, in our opinion, stands the more perfect of the two.
- Mars** Next to *Salopian* the most intense and best formed of all the reds. A gorgeous flower, of large size and perfect form. A pure crimson in its prime, becoming with age deep purple; stems long and slender, bearing gracefully three or four flowers. A strong grower and liberal bloomer.
- Ignea** Before the advent of *Mars* this variety properly headed the list in its color-class. All the general characteristics attributed to *Mars* apply to *Ignea*, from which it is a careful selection.

Between Scarlet and Crimson

- *Prince Edward of York** A large, improved *Princess Victoria*. Of bold, free habit, with round, open standard, slightly notched at apex; standards cherry-rose, wings Jacqueminot (Blanc's Chart). Its drawbacks

Between Scarlet and Crimson—*Continued*

are: slight fading of color in taking on extra size, and slight marbling of standards under a hot sun.

Princess Victoria A good flower, with broad, open standards; three flowers on average stem; standards light scarlet; wings shading to crimson; the whole more or less suffused with rose; abundant bloomer.

Duchess of Edinburgh Similar in some ways, but yet inferior, to *Princess Victoria*, both in size and substance, showing objectionable marbling, especially along the upper margins.

Mauve (Bluish)

***Lady Nina Balfour** We consider this the best finished flower in our tests this season. Although germinating less than ten per cent. from seed from introducer's original packets, each flower produced was a gem. On first opening, the flower is a rich heliotrope-pink self, of elegant, expanded form, lapping gracefully inwardly. As the flower gets older it takes on a pinkish mauve self, the evolution of the tint gradations being remarkable for their even succession. Lastly, as the flower begins to fade, it assumes a delicate, clear mauve. Its texture throughout is very fine, even-grained, and without luster, giving it that soft, "quiet" effect which is so pleasing a contrast to the brilliant and glossy shadings. Largest of the mauve varieties. Stems long and very slender, two and three-flowered. Not a rugged growing variety, but showing perfect health of habit.

Celestial We are confident will be approved by all lovers of this shade. Its early blooms were not striking, but, as the season advanced, its perfect form and pure azure-blue became more and more pronounced, until all traces of the pinkish mauve in the bud disappeared in the developed bloom. Stems long and slender, generally producing three (sometimes four) flowers per stem.

New Countess A carefully selected strain of *Countess of Radnor* and of a purer shade of true bluish mauve than the general run of *Countess of Radnor* stock.

* 1898 Introductions.

Mauve (Bluish)—Continued

Princess May Not as delicate as *Celestial*, nor as large as *Countess of Radnor*, but holds its color better. Of good substance; medium-sized flowers, of more or less hooded form, often bearing four-flowered stems, which are of medium length.

Countess of Radnor Of shade deeper than the preceding, and inclined to take on a reddish or light purple tint on the one hand, while on the other its rich mauve fades in streaks, giving it an ashy-striped appearance, not at all attractive. The past season, however, seems to have been especially favorable for choice bloom, since both in trial grounds and in general culture the type has been excellent. Vigorous in growth; a medium free bloomer.

Mauve (Reddish)

Emily Eckford In size and form like *Countess of Radnor*, but a distinct purplish mauve, usually described as a reddish mauve; of good substance when carefully grown, and approaches blue as it ages. A vigorous grower and good bloomer, usually producing three perfect flowers on extra long stems.

Dorothy Tennant Very similar to the above, but not quite so hooded, and a shade deeper, becoming darker with age. One of the longest to continue in bloom, and showing no deterioration to the last, though in some seasons it has approached *Countess of Radnor*, from which it is evidently a color variation.

Magenta

Captivation Magenta, very delicately suffused with purple; of good size; form imperfect; standards shell-shaped, with slightly corrugated surface, giving edge an irregular outline. As the season advances, the blooms improve in size and substance, adding much to its effectiveness. Not a tall grower, but a profuse bloomer, usually bearing three (sometimes two) flowers, on long stems.

Bluish

Captain of the Blues (Same as *Grand Blue*.) This, to our view, nearly approaches true blue in general effect. On first opening, it is easily mistaken for *Waverley*, though it has a more bluish cast, which gradually

Bluish—*Continued*

develops until about the third day, when it reaches its prime. A large-flowering variety, producing three or four flowers, on good stems. Very vigorous and a free bloomer.

- Imperial Blue** Form and color almost identical with *Waverley*, but size somewhat smaller.
- Madam Carnot** Laxton's so-called blue, similar to *Captain of the Blues* in its shadings; of small size.

Claret

- Duke of Clarence** First-class, ranking with the best in size and substance. Color, deep rose-claret, bordering on maroon, of *Stanley* shading—not so intense, but larger and better formed. Stems often extra long, producing three or four flowers, sometimes *rather* closely arranged. A vigorous grower; produces an abundance of bloom.
- Waverley** Has size and form to recommend it; but its rose-claret and blue color-blendings, though quite distinct, are not very attractive. Of good substance; a vigorous grower and profuse bloomer.

Deep Maroon and other deep, closely-allied tints

- *Shahzada** The best type shows a shade deeper than *Stanley*; standards strong purplish maroon without luster, intensest at the throat and on the reverse side, the whole veined in deep relief. Wings a velvety indigo purple, sometimes shading to lighter. Of true *grandiflora* type; stems extra long, usually three-flowered.
- Stanley** Next to *Shahzada*, the darkest and most intense of all "brown effect" Sweet Peas. Deepest burnt carmine; standards glossy, finely laced with deeper shade; wings velvety, shading to purple-lake; expanded form; standards large to very large, sometimes measuring thirty-five millimeters across; broad, almost circular; explanate. A fine, bold flower, producing long, slender, usually three-flowered, stems. A good grower and free bloomer.
- Monarch** In shading and form approaches *Waverley*, but much darker; has a tinge of indigo, with a slight bronze effect on standard; wings velvety purple. A vigorous grower, producing three (sometimes four) flowers on long stems.

Deep Maroon and other deep, closely-allied tints—*Continued*

- Boreatton** Differs from *Stanley* only in form, standards being more or less reflexed laterally, which gives them a narrow, elongated appearance.
- Indigo King** Has a shade or two more of indigo than *Monarch*, which makes it, especially the wings, darker. Sides of standard deeply sinuated, as in *Butterfly*, causing the upper half of standard to hood. Should, in our opinion, be discarded.
- Purple Prince** Standards purple, shaded maroon; wings mauve, lightly suffused with purple. Old type; medium large; expanded (sometimes reflexed) standards. Its color does not commend it.

Blendings

Delicate

- Crown Jewel** These beautiful varieties, we consider, comprehend the most beautiful mingling of subdued rich tones yet appearing in the Sweet Pea. The rare and delicate blendings, fine form, and large size, being in no other variety so fully developed. We especially admire the soft, quiet tones in the surface coloring. *Crown Jewel* we have placed first, though it is difficult to choose between the two sorts. Standards delicate creamy rose, deepest on the dorsal surface, and at its suture on the inner surface; a slight clouded effect is noticeable when the flower is in its prime, carrying with it a trace of violet. The wings a delicate, yet rich, creamy blush, suffused with a pronounced primrose tint. Its three (sometimes four) flowers are finely arranged on long, slender stems. Foliage unusually large, and deep green; a vigorous grower and profuse bloomer, but, unfortunately, a variety that will require, like other thoroughbreds, very careful handling to hold true to type. *Coquette's* color is a delicate creamy flesh, with a faint purplish rose tinge in standard; wings rich creamy primrose. A strong, vigorous grower, usually producing extra-long, three-flowered stems.

- Venus** Another variety of rich, delicate blendings—a mingling of pink, salmon, and rose-buff, difficult to describe faithfully. Flowers medium large and finely formed; standards very much

Blendings—Continued

inrolled, gracefully borne in threes or fours on long slender stems; a very vigorous grower, blooming abundantly. Its only drawback is its inclination to run into a delicate pink, bordering on *Blushing Beauty* or *Royal Robe*, but generally not until past mid-season.

**Lemon
Queen**

One of the older varieties. A distinct lemon-yellow in the bud, standards, as the flower expands, assuming a delicate blush-pink, tinted with lemon; wings almost white. Of good substance, medium to large, explanate.

**Peach
Blossom**

A pleasing variety, of medium large size; standards rich creamy pink, with a whitish flake or cloud in the upper half, just pronounced enough to be noticeable; wings a softer pink, shading to delicate carmine in the throat; generally bears three-flowered stems of good length.

**Princess
Beatrice**

Expanded standards and a delicate pink, suffused with soft rose; wings delicate rose. Usually three-flowered. Of fair size and substance. A good grower and free bloomer.

**Alice
Eckford**

Last season's growing of this variety confirms our opinion that in its present stage it is unworthy of cultivation. Its rich, delicate (apricot, perhaps it may be called) coloring is a pleasing departure, it is true, but with such utter imperfection of size and form, we do not believe it can become popular. It is early blooming, but earliest to cease flowering; in fact, its blooming season has been briefer than that of any other variety. A very profuse bloomer while it lasts; moderately vigorous.

Creole

An attractive flower in its delicate pinkish lavender shadings, the blendings on its wavy, explanate standards being a departure in this particular tint. Wings pure mauve. Usually bears three flowers on a stem. This variety is not fixed, but careful handling in the next few seasons may establish the type.

Delight

Flowers medium to small; wings almost as large as standard; the whole a faint pinkish white blush, with suture of standard made prominent by its soft carmine tint, which is also noticeable along upper edge of standard, thence running along suture on

Blendings—Continued

reverse side. The odd fold and lap in top of standard, noted in *Alice Eckford*, is especially prominent in this variety. Inclined to sunburn.

Crown Princess of Prussia A fit companion to *Alice Eckford*, because, like it, of small size and poor form, though its coloring is exquisite; has a very light ground, suffused in delicate gradations with a creamy pink, ranging from a soft tint at the margins to a much deeper hue at the throat—an admixture of pink and salmon difficult to describe; but its small surface shows it at a great disadvantage.

Violet Queen Like *Princess Louise*.—Standards round, erect; pink, veined with purple rose, wings heliotrope, flower medium-sized. Rarely seen at its best, because of poor substance and being easily affected by hot sun, which bleaches and detorts the flower.

The Queen Flowers medium to small, of old form and poor substance. Standards dull rose-pink, suffused with light mauve; wings, light mauve. Bears two to three flowers on medium stem.

Standards and wings of slightly different tints

Lady Beaconsfield A distinct and pleasing blending, difficult to describe. We can do no better than use the originator's description: "Standards salmon, tinted with rose" (which, however, does not convey a satisfactory idea of its true tints). To this we would add: with a suspicion of purplish pink, most noticeable in center of standard, laced and netted in delicate relief; wings a pronounced creamy primrose-yellow. Of fine substance, old form, medium to large. A vigorous grower and profuse bloomer.

***Triumph** A variation from *Little Dorrit*, but larger and more highly colored in the wings. Standards boldly explanate, large and nearly circular; color a bright pink, lightly suffused with scarlet-orange; wings spreading, shaded with pale rose; has purple stems, usually three-flowered.

Countess of Shrewsbury Of same general "build" as *Lady Beaconsfield*. Standards expanded, old-form type; apex notched; flowers medium size, with a blending of pink and purple, difficult to describe; wings

Blendings—Continued

shading to pink, faintly suffused with lilac; stems usually bear three flowers. A strong grower and abundant bloomer.

- Bronze King** Not only lacks size, but form as well, and is quite an ordinary flower all around. Standards reddish coppery bronze, but lacking the brilliancy needed to render such a tint effective; of poor substance, and inclined to sunburn in hot weather. A vigorous grower, moderately profuse. A little later than the average. We think it can well be spared from the lists.

Flaked and clouded effect

- *Emily Lynch** Resembles *Royal Rose*. Its richness of coloring intensified by the creamy primrose effect in standards and wings. Its relation to *Royal Rose* is very similar to that of *Duke of York* to *Painted Lady*. Differs from *Royal Rose*, however, in having primrose-tinted wings, which are, in turn, overlaid with a delicate pinkish venation. Of large size, with stiff stems, usually bearing three flowers.

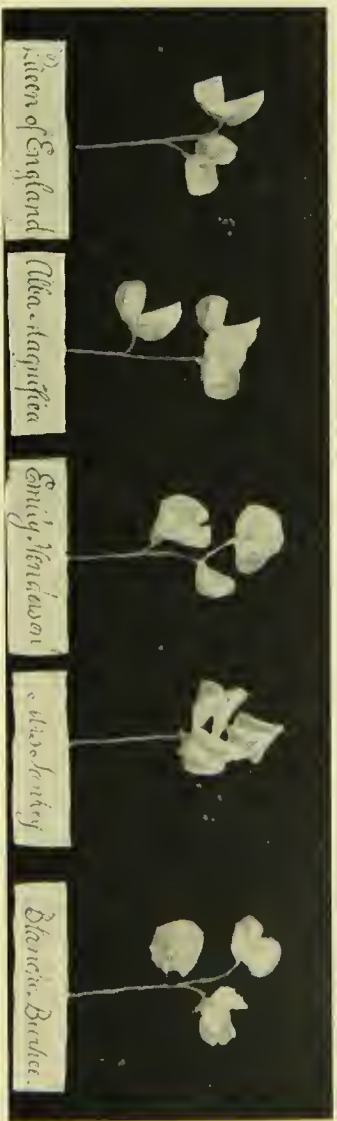
- Royal Rose** A beautiful, large, almost self-colored flower, very much on the plan of the preceding variety. These, with the two following, form a perfect series of elegant gradations. Flower a rich, rose-pink, barred on standards with deeper rose, deepest tinted on center of reverse side, and gradually becoming lighter toward the margins; wings a softer hue. Bears three or four flowered stems of good length and substance.

- Apple Blossom** Like *Eliza Eckford*, except that its tint is a shade or two deeper and more evenly spread; wings as delicate as *Eliza Eckford*. A fine, large, hooded flower, borne in threes or fours on long, strong stems, which sometimes come double, when they produce five, six, seven, and even eight blossoms on a stem,—a freak of nature we have never succeeded in inducing a repetition of, but which quite frequently duplicates itself on its own account.

- Eliza Eckford** Deserves high rank, because of its refined general make-up; of good size and form; standards flaked and suffused with a delicate rose, deeper on reverse side; wings lightly blushed. Generally bears three flowers, sometimes four, on long stems.



SENNET SEED AND PLANT CO.'S 1897 FIELD OF SWEET PEA CUTTING.



A SWEET PEA STUDY—WHITE VARIETIES.

Blendings—Continued

Rich metallic

***Countess of Powis** A slight improvement on *Meteor*, though its delicate standards sunburn quite as badly. Standards bright rose-orange, veined in deeper tint; wings bright, clear rose—barred. A rich, bright combination of coloring, but lacks substance. Stems usually three-flowered.

Meteor An improvement in size over *Orange Prince*, from which it is a selection; standards a rich, bright orange-salmon; wings of a pinkish hue; a fine flower at its best, but more or less affected by hot weather. When grown in the partial shade of trees, which brings it to perfection in slow stages, we have noted extra large standards, which showed inclination to hood; and with such form once attained, and with added substance, *Meteor* will stand well up in the list.

Rising Sun Like all of the Laxton type, this variety is of small size and rather dwarf growth, but we see much to admire in the general effect of some of the intense colorings. Standards small, round, explanate, with a delicate gradation of brightest carmine and orange, suffused with rose, of soft tone, deepest at the throat, and becoming fainter toward the edges, until it assumes a pale creamy-white tint; wings a lighter shade, sometimes tinged with rose. Moderately profuse. Sunburns on small provocation.

Etna Flowers medium to small, of same form as *Rising Sun*; an intense, clouded garnet, shining in the sunlight, and becoming lighter toward the upper edge. Usually three-flowered, on slender, short stems; a dwarf grower and spare bloomer. Not a desirable variety, though its shadings are interesting.

Orange Prince We have noted flowers equal to *Meteor*, though averaging smaller. Like its offspring, of remarkably rich coloring. Standards form almost a true circle, and are explanate. The fine, delicate lacing on standards is interesting. Has general habit of *Meteor*.

Carmen Sylva A tricolored variety, perhaps the least popular of Laxton's introductions, because of lack of harmony in its coloring and its small size, to which defects may be added a deeply notched

Blendings—*Continued*

standard, somewhat reflexed. Color an admixture of garnet, purple, and carmine in standard, deepest at the throat; wings lavender-blue.

Vesuvius Comes between *Etna* and *Carmen Sylva*; a more profuse bloomer than either, and tints of more flaked appearance, a coloring not popular in dark sorts. Medium vigorous; very profuse.

Suffused and narrowly edged

WITH LAVENDER

Lottie Eckford White ground, lightly suffused with heliotrope, deepest near the margins, the edges of both standard and wings a clear, deep heliotrope-blue, setting off the whole with splendid effect; of fine hooded form and good size; stems usually three-flowered and of good length; a vigorous grower and abundant bloomer.

Maid of Honor A worthy successor to its popular parent, *Butterfly*. Like that variety in all particulars, save that the lateral notches are absent. A finely formed flower of medium size and true hooded form. Its slender, graceful stems are usually three-flowered. General markings and shadings describing *Butterfly* apply here, excepting, perhaps, that *Maid of Honor* has a trifle more color.

Golden Gate Chiefly characteristic as to its peculiarly shaped wings, which appear unusually large and elongated because of their peculiar upright growth, spreading apart at the top,—the reverse habit of other sorts in this respect. Shadings vary considerably, the intermediate type being of pale crimson-pink and lilac blendings; flamed, deepening toward the margins and mid-suture; the wings contain a shade more of deeper lilac. Usually bears three-flowered stems, often four, and a considerable percentage of the stems are formed double, such stems bearing three to six flowers, which, of course, is an abnormal growth. The flowers are interesting, but not graceful.

Butterfly Edged like *Lottie Eckford*, but showing less tint in standards and wings—almost white. Its sinuous standards, though objectionable in other varieties, in this case are quite acceptable, because of their peculiar coloring, and make the name most appropriate. Stems usually three-flowered; a vigorous grower and abundant bloomer.

Blendings—Continued

Suffused and narrowly edged

WITH ROSE

Countess of Aberdeen A very pale pink, edged with rose, of good size and form; its color scheme an attractive departure. What *Lottie Eckford* is among bluish varieties *Countess of Aberdeen* is among pinks.

Penciled effect

Fairy Queen Old type form. White ground, with fine lines of carmine on standard. Flowers medium size, usually borne three on a stem. Blooms profusely.

Tricolor

Captain Clark Though not an elegant flower, it has unique markings. White ground, delicately blushed with carmine-pink, lightest toward the margin; beginning at the throat and running parallel with the mid-suture are finely penciled lines of deepest purple, gradually changing to deep carmine, which need close examination to reveal their full beauty. Wings large, edged with clear blue (as in *Lottie Eckford*), which lessens as it goes into the body of wings.

Contrasting shades

(Standards and wings in differing tints)

Little Dorrit Standards large, broad, and expanded, notched at apex; color a sharp, crisp carmine-pink; wings well-proportioned, almost white, suffused very lightly with a delicate pink, hardly noticeable until the season advances. Stems long and slender, usually three-flowered and set well apart, which shows them off to good advantage. Remarkable for its long season of blooming.

Extra Early Blanche Ferry In our trials has proven itself by far the earliest flowering Sweet Pea. Our first bloom appeared March 25th, from seed sown the latter part of December, making it a month earlier than any other variety, under the same conditions. Although germinating well, the young plants appeared to have a rather weak, spindly growth, some making but a single shoot, twelve to eighteen inches tall, and then beginning to flower; but, as the

Contrasting shades—*Continued*

season advanced, and assisted by a good rain, the vines began throwing-out laterals, which, considering their earliness, bore abundant bloom. On heavier soil, when they began blooming a week later, they made a moderately vigorous growth from the beginning, and bloomed profusely. Color and form identical with *Blanche Ferry*.

Blanche Ferry Standards a pale shade deeper than *Little Dorrit*, and not quite as large; wings almost pure white, sometimes shading to light or purplish pink. Stems usually three-flowered, and of good length and strength. Very vigorous, and a profuse bloomer. Early.

Duke of York On the plan of, though not so large as, *Blanche Ferry*, but standards deeper in color; wings of a pinkish tint, lightly suffused with primrose and pale purple. Standards slightly reflexed, which gives them an elongated appearance; wings large and spreading. Stems of good length, usually three-flowered (sometimes four); medium vigorous; moderately profuse. Sufficiently distinct from other pink-and-whites to render it worthy of culture.

Empress of India Very similar to *Blanche Ferry*, but considerably later.

Painted Lady (Same as *Nellie Jaynes*.) Flowers not so broad and expanded as *Blanche Ferry*. Standards inclined to reflex. The most vigorous grower and profuse bloomer of its class.

Variegated sorts

Orange—rose

Aurora A striking flower in its rich, bright orange stripes and flakings on a white ground, all the more beautiful by reason of its expanded, *grandiflora* form. A companion flower to *Mrs. Joseph Chamberlain*, and all said to that variety's credit applies with added force to *Aurora*.

***Coronet** Same tinted markings as *Aurora*, except that stripes are finer and closer together. Standards explanate and nearly circular, slightly notched at apex; a large, handsome flower, usually bearing three-flowered stems.

Variegated sorts—*Continued*

Rose

Mrs. Joseph Chamberlain Of extra fine form and large size, possessing all the best qualities of habit, etc. Color, white ground, heavily striped and flaked with deep, clear rose; of good substance; varies slightly in strength of markings, some flowers being more heavily striped than others. Stems extra long, three or four-flowered, and finely arranged. The deep rose tint in the calyx and pedicel adds much to the general harmony of color. One of our most vigorous growers and profuse bloomers; blooming season long.

Mikado A selection from *Mrs. Joseph Chamberlain*, and has many points in common with that variety. Markings just the reverse of *Chamberlain*—that is, deep rose predominates—presenting the appearance of rose ground with white stripes, rather than white ground with rose stripes. This variety must become thoroughly fixed before it will be generally approved.

Gaiety Was classed high among the striped varieties previous to the advent of *Mrs. Joseph Chamberlain*. Much lighter than *Chamberlain* in effect, because of scantiness of stripes which are bright, rosy lilac, most prominent in center of standard and almost lost toward the side margins; ground white, stems long and stiff, three or four-flowered.

Pink

Ramona Has proven itself worthy of high rank; a large, perfectly-formed flower, of fine substance and attractive markings, which closely resemble *Duchess of York*, of which it is probably a hooded form. It appears thoroughly fixed, the fault with *Duchess of York* being its inclination under certain influences to run to an almost pure white. Color, creamy white ground, delicately striped and barred with soft pinkish purple, these markings more prominent in some blooms than in others. Stems long and strong, three or four-flowered. A vigorous grower and profuse bloomer.

Duchess of York Stands high, though it lacks the hooded form now so popular. It has perhaps the broadest expanse of standard of any variety, specimens measuring forty millimeters in diameter at the broadest point. Color, creamy white ground, delicately flaked and striped with soft pinkish-purple. Elegant and refined. Stems long and strong, usually three-flowered. A good grower and free bloomer.

Variegated sorts--*Continued*

Bluish Mauve

*Striped
Celestial

A delicate variegation of clear mauve, appearing in stripes and flakes on a white ground. More strongly marked, and holds its color better than *Juanita*. Has the form and other good points of *Celestial*. Its great drawback the past season has been low percentage of germination.

Juanita

Of good size and form, but we do not admire its "bleached" appearance. Its pale mauve or lavender stripes on light ground are not distinct enough to give it individuality. It looks very much like a striped variety familiar to us for several seasons, as a *Countess of Radnor* deterioration, like which it varies considerably in its degrees of color, and is in that regard unreliable. A vigorous grower, usually bearing three flowers on a stem, but sometimes only two.

Speckled effect

Gray Friar

A flower distinct in color and markings, and of good size and form. General effect gray, and, with its fine speckled "pepper-and-salt" variegations, certainly odd and attractive. A small percentage runs to *Senator*, which fault continued careful selection will overcome. A good grower and abundant bloomer.

Chocolate and Purplish Mauve

Senator

A fine, large, dark-striped flower; bold, yet finely formed. Standards white ground, heavily striped with chocolate and some little purple. A striking flower, with three to four blooms on extra long stems. A very vigorous grower, bearing an immense amount of bloom.

Princess
of Wales

Of excellent form and size. It closely resembles *Senator*; its color, however, is considerably lighter, the so-called chocolate shadings being replaced by purplish mauve stripes. A vigorous grower and profuse bloomer; stems of good length, usually bearing three, sometimes four, flowers. We believe that *Senator* embodies all that is desirable in this unpopular shading, hence we recommend the expulsion of *Princess of Wales* from the lists.

* 1898 Introductions.

Variegated sorts—*Continued*

Scarlet and Crimson

America A crimson-scarlet, irregularly striped variety, running to nearly solid color along the suture in the standards, the white ground showing most toward either side. Wings clear carmine, striped. Form old type; medium large; explanate standards. Inclined to run to *Queen of the Isles*, from which it is a selection. The better blooms are attractive, but *America* must be carefully grown to distinguish it from the parent stock, which is more evenly marked. A good grower and bloomer.

Daybreak Standards old type, with more or less prominent notch in apex; of good size, broad and explanate, with delicate veinings of bright scarlet lake and carmine finely woven into narrow, wavy rays, and set one above the other; ground white, and most exposed along the margin. Reverse side of standard more intense and with less detail. Wings white, penciled with carmine toward the inner edges. A vigorous, upright grower, bearing good stems, usually three, sometimes only two-flowered. A free bloomer.

Red and White Striped Form and size similar to *America*, but a more distinctly striped variety—crimson-scarlet on white ground. Stems usually three-flowered. One of the most profuse bloomers. Very vigorous.

Queen of the Isles Old type, red and white variegated, varying considerably in the intensity of its markings,—some flowers being very finely and closely striped and spattered, others delicately penciled, producing the “watered” effect found in *Daybreak*, and some again being deeply blotched and striped, as in *America*. The reverse of standard heavily clouded; wings but lightly striped. A good grower and free bloomer. A superfluous variety.

Tricolor

***Columbia** A tricolored variegated variety, odd and attractive in its markings. Standards crimson-rose striped on white ground. Wings pale bluish-mauve striped on white ground. Well formed old type, of medium size. A medium vigorous grower; free flowering. Worthy of a place in every large collection, because of its interesting shadings.

* 1898 Introductions.

Departures

Cupid

(*In habit of growth*).—Perfectly dwarf, hugging the ground very closely; height of vine, five to eight inches; a single plant spreads over an area ten to eighteen inches in diameter. Its procumbent stems (using the term *stems* in its strictly *botanical* meaning) are thick and closely jointed, branching at frequent intervals, each lateral bearing three to a dozen or more short, stiff, usually three, sometimes four-flowered peduncles, three to four inches in length. Foliage dense, and deep green; leaflets small; tendrils stubby. Flowers pure white and of good substance, much resembling *Emily Henderson*, but not quite as large. A vigorous, compact grower, very floriferous, showing in the height of season more flower than foliage. Pot culture of *Cupid*, in our experience, has proven a failure; but outdoors its growth is satisfactory.

Red

Riding-Hood

(*In form of flower*).—In this variety we have a fixed type, and an absolutely new departure in form. When fully developed, the standard and wings are a pleasing rosy pink, shading to blush-white at the calyx; the keel, which is almost completely enveloped, being nearly pure white. Although unusually robust in habit, it is early flowering, and in plenitude and continuity of bloom, it excels other existing sorts. The standard is diminutive, and peculiarly convoluted, forming a hood around the wings, which protrude in wavy form, lending a novel and pleasing character to the flower. The fragrance surpasses, in a marked degree, that of other varieties of Sweet Peas. The length and rigidity of the stems are remarkable.

Bride of Niagara

Doubles.—In coloring, growth, and general habit like *Painted Lady*, but standards double, or treble, to the extent of from twenty to forty per cent.—a larger general average than found among the many so-called double varieties. Standards measuring fifty millimeters and over are not uncommon, though, of course, they consist of two or three parts. Although we have not approved double Sweet Peas as a “general culture” flower, still this variety seems sufficiently wayward in its tendencies to merit a place in the collection of anyone seeking curious vagaries in form of flower. *Bride of Niagara* is very florescent.





A NOOK IN SWEET PEA TRIAL GROUNDS OF SUNSET SEED AND PLANT CO.
PALO ALTO, CALIFORNIA.

Sunset Novelty Supplement

Announcement of Sunset Sweet Pea Novelties not yet presented to the public, but available for introduction in season 1898-9

Sunset
Novelty A

An entirely distinct **COLOR** (*not tint*) from any existing variety of Sweet Pea. General color-effect **dark blue; standards brilliant royal purple; wings pure violet**; the whole flower elegantly veined in sharp relief. A most vigorous grower. Blooms of approved form, generous size, parchment-like texture and remarkable substance. Stems usually bear three flowers, occasionally four. When they begin to fade, they assume an antique silver-gray cast, but maintain a stately mien up to the moment the petals fall.

A valuable color innovation.

TORONTO, CANADA, Oct. 5, 1897.

No. 110, a very beautiful violet pea, so nearly like a bunch of violets in color at a short distance, that it would be difficult to distinguish. This, from a commercial point of view, I consider the best of the whole lot, as it is quite distinct in color from any other Pea in cultivation, retaining its color well; had very seldom less than three flowers on a stem; is of fine sturdy growth, standing at this moment a foot higher than any of the other seedlings. The standards are large and expanded, and when bunched the color makes a beautiful contrast with Mrs. Eckford or Blanche Burpee. I regret that I only had one plant of this, as if I could have shown the committee (Toronto Horticultural Society) a good bunch of the flowers, I think they would have issued a diploma. If you have stock of this and intend to introduce it, I would suggest that you name it "Violet." EDWIN UTLEY.

GILROY, CAL., Sept. 17, 1897.

In the blue you have a decided new color, and one that I think will be appreciated by all Sweet Pea lovers. It is a color that I have been looking for but never found, and I am a little sorry that you got ahead of me. But I will say that I hail with delight anything that has merit in the Sweet Pea line, and so I congratulate you upon this variety, and hope that you will profit financially, which you deserve by introducing a meritorious article. WALDO ROHNERT.

ROARING SPRING, PA., Aug. 21, 1897.

One of them (unnamed Sweet Pea Novelties), a very dark plum, almost a grape, may be said to be the darkest Sweet Pea in existence. I am sorry that I did not have the opportunity to test it. SAM A. HAMILTON.

Opinions
of Sunset
Novelty A

Sunset
Novelty B

Largest flowered of all Sweet Peas. Single florets from four-flowered stems measure forty-two millimeters in diameter. Of bold, expanded type, with nearly circular standards, wings proportionally large, finely located and poised on stems. Markings delicate and refined. On first opening, a large percentage of the buds are a rich creamy *straw* yellow (not primrose) on background in standard, which is suffused with delicate stripes and flakes of crimson-pink (Blanc's Chart), deepest at the mid-suture and extending along the upper margin. The sharp, definite penciling at the throat, a few lines of which extend well up into the body of the standard, add interesting detail. Wings pure white, narrowly edged with heliotrope. A flower elegant in the extreme, possessing extra vigor, abundant floescence, early flowering qualities, and long, stiff, yet graceful, stems, bearing three and four perfect flowers, of large size, even if grown under unfavorable conditions. **One stem makes a large boutonniere, two stems an ample corsage bouquet.**

Sunset
Novelty C

The first *striped* variety possessing *white wings*—a peculiarly attractive departure from the long list of striped varieties which show variegations equally abundant in wings as in standards. Standards prettily striped with crimson-scarlet on white ground. A sport from *Red and White Striped*, which variety it resembles in form, size, and habit, though earlier flowering. **An excellent florist's flower.** It usually bears three flowers, gracefully borne on medium long stems. We consider it one of the freest blooming varieties, vigorous, and of good habit.

Sunset
Novelty D

An entirely new departure, being a **diminutive** Sweet Pea, *not* a dwarf, and well-proportioned in every detail. Interesting in the extreme, can be grown and *bloomed* in a thumb-pot (two and a half inches in diameter), and is an ideal bloomer; bears quaint little flowers, whose standards barely cover a dime, yet are of perfect form. When in full flower, its many blossoms remind one of tiny, sporting butterflies. Standards a light suffusion of magenta-lilac,

Sunset Novelty D—Continued

deepest toward the margins, sparingly penciled with sharp lines of deeper tint. Wings whitish, suffused along the margins with pure lilac. Usually bears two flowers on a stem, and the stems are also diminutive and in fine proportion to size of the plant. When supported, the vine grows from one stem, somewhat after the habit of the branching aster. Average height, twelve inches in field culture. Foliage small, and daintily harmonizing with the general habit of the plant. **The only Sweet Pea flower that can be worn on its foliage.**

Sunset
Novelty E Most delicate of all the pinks, only a faint trace of color appearing on its otherwise pure flake-white surface. Contrasts from *Blanche Burpee* as much as *Golden Gleam* or *Mrs. Eckford*. Of elegant form, and thoroughly in accord with the highest approved type.

Sunset
Novelty F A rich shade of delicate pink, coming between the above and *California*. Most color shown in standards, the effect of which is close to that of the rare tint found in *Alice Eckford*, but with the perfect form of the finest *grandiflora* type. As the flower ages, it becomes more delicate, but never presents a faded appearance.

Sunset
Novelty G A superior crimson and white striped, of ideal *grandiflora* type, expanded form. As the flower ages, the crimson assumes a darker color, as in *Mars*, which adds to, rather than detracts from, its color effect—these varying tints being found in no other of the striped sorts.

Sunset
Novelty H A deep heliotrope-mauve striped, of fine form and medium large size, differing from allied sorts in its strong, bold color, which gives it ample distinctiveness and renders it worthy of trial by all who admire the improved variegated varieties.

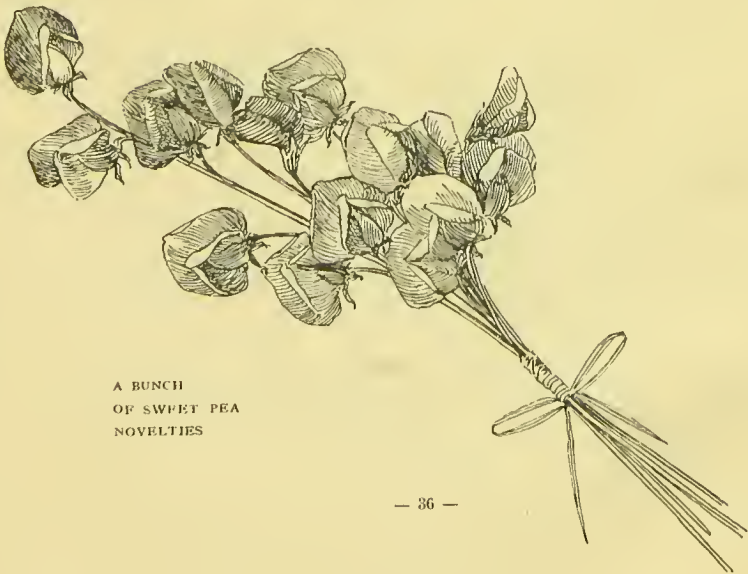
Available for Introduction in Season 1899-1900

Sunset
Novelty I

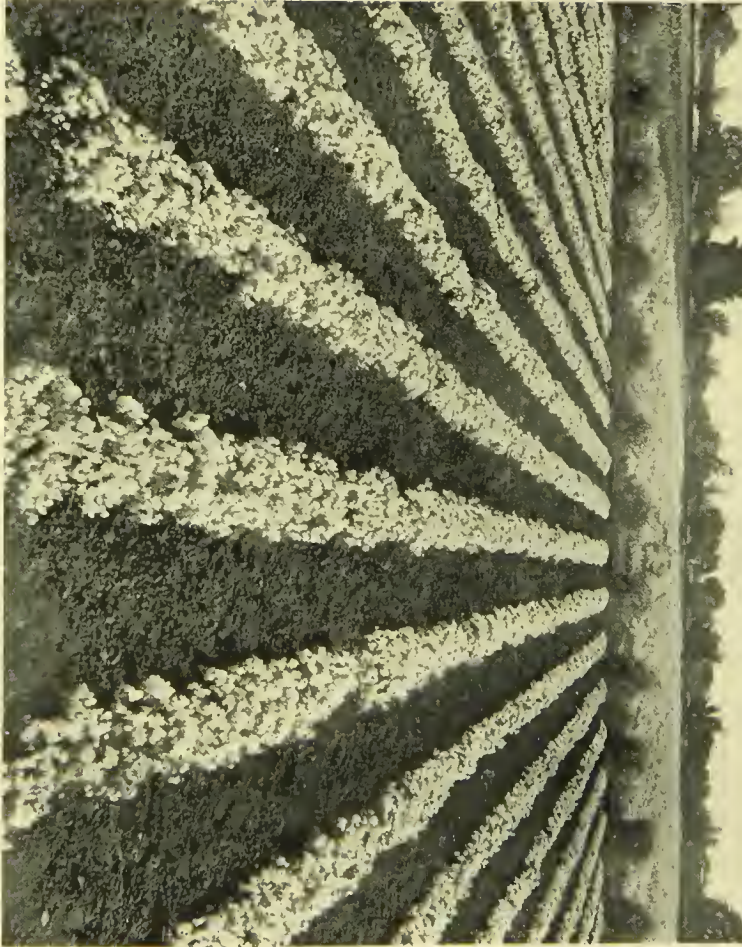
A dwarf Primrose, identical in habit and general characteristics with the original *Cupid*, but instead of being pure white, as is its parent, its color is a distinct primrose-yellow, fully as intense as our **Golden Gleam**; the form of the flower is similar to that of *Primrose*, standards as large as, and even broader than, that variety; petals of strong substance, which gives the flower lasting qualities. Its uniformly three-flowered stems are produced in great profusion, and, backed by strong vigorous constitution, low compact habit of growth, remarkable floescence, and soft color effect, this variety is an ideal bedding plant. We recommend its trial to all who are interested in Sweet Peas.

Sunset
Novelty
'49er

See pages 38 and 39.



A BUNCH
OF SWEET PEA
NOVELTIES



SUNSET CO.'S 1896 FIELD OF CORN.



THE EVOLUTION OF SWEET PEA

RED RIDING-HOOD

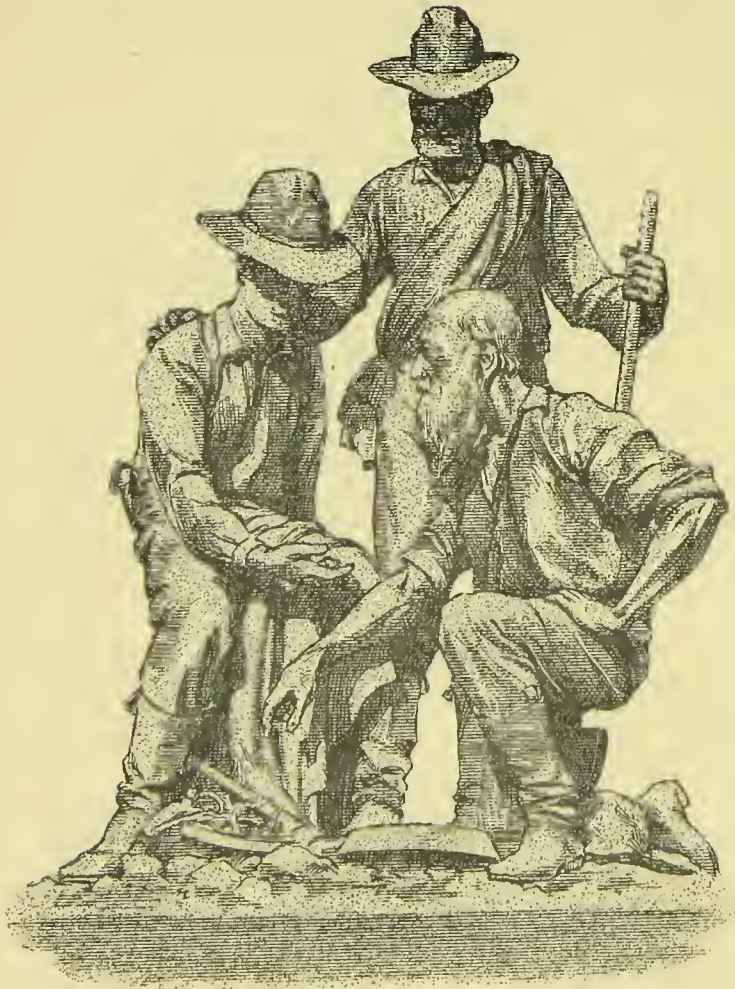
So much interest has this departure of form excited that a brief history of its evolution is perhaps worthy of a place in this SWEET PEA REVIEW. It is reasonably conclusive that *Red Riding Hood* originated from *Splendour* or *Her Majesty* stock, and that, through some unknown natural law, it began to warp by the giving-way of the cell-structure of the standard. At first this was but slightly noticeable, just as in the case of many of the more highly bred types which show a tendency to wander, but usually recover their normal form a following season, grown from their own seed. *Red Riding-Hood*, however, seems to have cavorted with fixed determination, step by step, until the perfect hooded form of this quaint flower—"The Children's Flower"—was reached. Since its discovery, large areas devoted each year to its culture have presented flowers uniformly true to the type—certainly remarkable from a scientific standpoint, as well as interesting to the layman.

The series of studies in our *Frontispiece* are made from actual bloom development, and show better than can be described by words the striking forms this remarkable variety assumed in the various stages of its evolution.

The charm does not vanish

NEW YORK, July 24, 1897.

RED RIDING-HOOD.—This variety grows upon one. Like some other good things, one must acquire a taste for them. It has been universally admired in my garden this year, and it is an exponent of the highest type of the art of selection. It is a matter of patience in many cases to select a color or shade, but to select up a freak of nature is genius, pure and simple. It is extremely fragrant, and has the typical stem,—long and slender, but strong. The wings are the deepest rose, while the abortive standard is a transparent cream, fused like rose. It should have a place in every collection.—*The Florists' Exchange*.



"The days of old,
"The days of gold,
"The days of '49."

Startling Sunset Sweet Pea Novelty, '49er

So YELLOW that no other name would do.

AN EXQUISITE FLOWER, THE ACME OF PERFECTION AMONG SWEET PEAS. Foremost in rarity of tint, in elegance of form, in size and vigor,—we can truly say this is the highest type thus far developed in the Sweet Pea family. It is the first true yellow *self* yet introduced, being a delicate, yet distinct, soft, **sulphur yellow**, hitherto entirely unknown in the Sweet Pea world. Standards of immense size, gracefully lapping inwardly, and often measuring 45 millimeters in diameter, in field culture. Has exceptionally long stems, bearing three finely poised flowers of ideal expanded grandiflora type, surpassing, in respect to these points, every other known variety. Texture and substance firm and of remarkable fineness and durability, giving the bloom keeping qualities unusual in the highly-bred types.

In vigor of constitution, this Sweet Pea '49er stands pre-eminent, each successive blooming the past season showing better than its predecessor, and the last flowers on the vine being as good as any of the entire crop.

The variety is **white**-seeded. This insures absence of foreign tint. Hitherto varieties with yellow tintings have contained some pink or purple contamination, because of being dark seeded. No other variety known in *Sweet Peadom* inspires so much confidence as this aptly named jewel—'49er.

DONT fail to observe a few Simple Sweet Pea Suggestions

DON'T expect Sweet Peas to thrive in soil too poor for any other culture, or in a sunless location. They need, as nearly as possible, a free clay loam, moderately rich and freely cultivated.

DON'T sow too shallow. Plant the seeds not less than two inches deep, and, as the plants become established, bank the soil against them, repeating this two or three times throughout the season.

DON'T over-feed. With a view to obtaining vigorous growth and profusion of bloom, bone, in some form, is the best fertilizer. Nitrate of soda will do for a "hurry-up" stimulant, should such be needed; but use it sparingly.

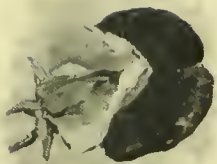
DON'T gather the blooms **grudgingly**. The more you cut, the longer the vine will continue to flower.

DON'T fail to make a good selection before you sow.

DON'T try to raise seed and have fine flowers at the same time. They **don't** go together.



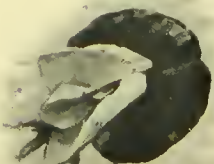
Sweet Pea types: composite studies of modern forms of the Sweet Pea
(Two-thirds natural size)



Obovate standard, with spreading wings.



Ovate standard, with elongated wings.



Elliptical standard, with elongated wings.



Round exsertate standard,
with broadly spreading wings.



Grandiflora form (broadly expanded).



Grandiflora form (hooded).

WHAT THEY SAY

about Sunset Seed and Plant Co's

"Sweet Pea Review"

[First and Second Editions]

The Press

Monday, Jan. 11, 1897.
"SWEET PEA REVIEW."—From the Sunset Seed and Plant Company comes a copy of the second edition of their "Sweet Pea Review." It is full of valuable information as to colors, growth, and vitality of the Sweet Pea, given in a concise form, compiled as a result of critical notes made during the growing season of 1895-96. Several illustrations are given of the flower, and the work must prove valuable to growers of Sweet Peas, whether as amateurs or professionals.—*The Tasmanian News*.

ST. PAUL, MINN., Nov., 1896.
"SWEET PEA REVIEW."—Handsome booklet of 32 pages, containing complete classification in color-groups according to type, with recommendations for the expulsion of the least desirable sorts. Compiled from critical notes made during Sweet Pea growing seasons of 1895-96, with comparative chart and numerous illustrations. Sunset Seed and Plant Co., San Francisco.—*The American Home and Garden*.

DETROIT, MICH., Dec. 14, 1896.
The Sunset Seed and Plant Company of San Francisco has issued a pretty little booklet of thirty-two pages, entitled the "Sweet Pea Review," and containing complete classification in color-groups, according to type, with recommendations for the expulsion of the least desirable sorts.—*Free Press*.

SAN FRANCISCO, Dec. 5, 1896.
A dainty brochure has been issued by the Sunset Seed and Plant Company of this city. It is called the "Sweet Pea Review" and contains valuable data concerning that fragrant flower, in its thirty-two pages.—*Pacific Town Talk*.

The People

INDIAN ORCHARD, MASS.,
Nov. 11, 1896.
You can hardly appreciate the feeling of pleasure I had when I took your "Sweet Pea Review" out of the post-office to-day. It was a fresh surprise, but as I read it I wanted to thank you more and more. I have, before writing this, written for the "American Florist" my feeling about the book, which I hope they will publish. You have accomplished what you have aimed at, and made a descriptive review of the varieties that hardly admits of criticism. I thank you for the impartial and painstaking work, and it might well be used for the standard reference. It is refreshing to see such an expert judgment passed on the varieties. I hope the book will have wide circulation.
(Rev.) W. T. HUTCHINS.

NEW YORK, Nov. 14, 1896.
We are in receipt of your favor of November 7th, accompanied with a little work on "Sweet Peas." We have not had a chance to look it over, but shall do so to-night. In casually glancing it over, we notice the list of Sweet Peas recommended for being discarded. We think this is a step in the right direction. With thanks,
PETER HENDERSON & CO.

ITHACA, N. Y., Oct. 21, 1896.
I have received your little "Sweet Pea Review," and I want to compliment you upon the work. It strikes me as being an exceedingly useful type of publication, and one which is capable of putting valuable facts and results upon record. Thanking you for the copy.
(Prof.) L. H. BAILEY.

What they say—Continued

The Press

SPRINGFIELD, MASS., Dec. 5, 1896.
How to classify Sweet Peas and tell the variety name of any blossom is simply explained in "Sweet Pea Review," from the Sunset Seed and Plant Company of San Francisco.—*Springfield Homestead*.

"Sweet Pea Review" is the title of an attractive pamphlet by the Sunset Seed and Plant Company of San Francisco, Cal. It is a series of critical notes made during the Sweet Pea season of 1895-96. They do not speak encouragingly of the double Sweet Pea, but recommend dropping it. The little book should be in the hands of all who love these beautiful flowers.—*The New York Farmer*.

SAN FRANCISCO, Nov. 14, 1896.
The prettiest thing in the way of a floral publication that we have seen for many a day is the "Sweet Pea Review," just issued by the Sunset Seed and Plant Company. It has been compiled from careful notes made during the Sweet Pea growing season of 1895-96, with comparative chart and handsome illustrations.—*Pacific Rural Press*.

MILWAUKEE, den 19 December, 1896.
Sunset Seed and Plant Co., San Francisco, Cal., haben ein schoenes, 32 Seiten umfassendes Buechlein ueber die Cultur der Sweet Pea herausgegeben. In demselben sind die Sweet Peas nach Farben und Typen gruppirt und bei jeder Abart Bemerkungen ueber ihre Eigenschaften und Beobachtungen die man waehrend der verfloessenen Saison machte, enthalten. Wie weit es die richtige Zuechtung bringen kann, ersehen wir daraus, dass von weiss bis roth alle Farbenschattirungen bei diesen so schoenen Blumen zu finden sind und dieselbe auch constant erhalten werden.—*Die Acker- & Gartenbau-Zeitung*.

SAN FRANCISCO, Nov. 14, 1896.
The "Sweet Pea Review," a little book published by the Sunset Seed and Plant Company, is to hand, and furnishes much interesting reading, besides giving valuable information on the subject treated of. The Sweet Pea is so popular a blossom that the pamphlet will be of service to all flower lovers the world over.—*News Letter*.

The People

FLORAL PARK, N.Y., Nov. 13, 1896.
I am in receipt of your little booklet, the "Sweet Pea Review," for which please accept my thanks. The specialist will find much of interest, much to assist in his favorite work.

C. L. ALLEN.

In November, 1896, we received the "Sweet Pea Review," published by the Sunset Seed and Plant Company, of San Francisco. The descriptions given were evidently the result of such close observation that we wrote our friend, Mr. James Sproule, the Manager, to ask if we could publish in our forthcoming book his descriptions of Blanche Burpee, Emily Henderson, and Cupid, the three varieties that have occasioned so much discussion in the horticultural press. Mr. Sproule wired immediately, giving consent to our publishing as much as we desired. We have availed ourselves, therefore, of his kind permission to reprint the descriptions of the most important introductions of 1896, although in some cases our opinions are slightly different. This and the three pages following are from the "Sweet Pea Review."

W. ATLEE BURPEE, Philadelphia.

INDIAN ORCHARD, MASS.,

Dec. 2, 1896.

I am glad to find you are working on the good, better, best plan in making that "Sweet Pea Review" a standard descriptive list. I so consider it. As soon as I get an hour, I am going over it in a more thorough way. But it seemed to me to be very just and accurate. Mr. Vaughan was writing the other day for my opinion of the novelties, and I referred him to your book, for you have a large field to judge the best and truest types from. I am amazed at the close accuracy of detail in your descriptions. I shall send soon for a batch of them. I suppose the "American Florist" will print my notice of the book next week.

(Rev.) W. T. HITCHINS.

BOSTON, MASS., Nov. 14, 1896.

We are in receipt of your pamphlet on Sweet Peas, for which you will please accept our thanks. We think your suggestions are very good, that many of the varieties should be dropped, as there are at the present time altogether too many that are too nearly alike.

SCHLEGEL & FOTTLER (W.).

What they say—Continued

The Press

PETALUMA, CAL., Dec. 9, 1896.

The Sunset Seed and Plant Company has issued a delicate souvenir in its annual "Sweet Pea Review." Flexible, illustrated, uncut, elegant. It is a worthy and appropriate reminder of this branch of the lupinia.—*The Daily Courier*.

Dec. 12, 1896.

"Sweet Pea Review," a pamphlet of thirty-two pages, giving a classified description of all the best new and old varieties of Sweet Peas, illustrated with several half-tone plates. Published by the Sunset Seed and Plant Company, San Francisco, Cal.—*American Agriculturist*.

SAN FRANCISCO, Dec. 6, 1896.

The "Sweet Pea Review" has been published by the Sunset Seed and Plant Company. It contains many pictures of Sweet Peas and sweet-pea gardens in California, and will be regarded with interest by flower-lovers.—*The Examiner*.

ROCHESTER, N. Y., Dec., 1896.

SWEET PEAS AND SWEET PEAS.—The Sunset Seed and Plant Company of California is doing a great deal in the way of raising Sweet Peas, and has lately issued a pamphlet called "Sweet Pea Review," in which the principal varieties now in cultivation are described. Of the "Sweet Pea Review" as a whole we have only words of praise. It well describes a great number of varieties, and the original notes on them are valuable, especially to commercial growers.—*Vick's Illustrated Monthly Magazine*.

Nov. 12, 1896.

"SWEET PEAS REVIEW."—Valuable and daintily gotten up is the booklet of thirty-two pages bearing the title, "Sweet Pea Review," just issued by the Sunset Seed and Plant Company, of this city. It contains a complete classification of this delicate flower, according to type, recommendations for the expulsion of the least desirable sorts, and a number of timely "Dont's." The whole is compiled from critical notes made during the Sweet Pea growing season of 1895-96, and is handsomely illustrated with half-tone engravings. A comparative chart is not the least appreciated feature of the little work.—*California Fruit Grower*.

The People

BOSTON, Nov. 16, 1896.

Your favor of the 7th inst. duly received, also the "Sweet Pea Review," for which we thank you. We will try to make good use of it. A little later, we will write you regarding Sweet Peas for another season, as our Mr. Dodds is away for the present.

THOMAS W. EMERSON & CO.

BOSTON, MASS., Nov. 14, 1896.

We beg to acknowledge with thanks, receipt of your handsome book, the "Sweet Pea Review." We have only had opportunity to give it a casual glance, but already we appreciate its value, and we are glad to possess a work such as yours is.

A. SMITH, Manager.
(JOSEPH BRECK & SONS.)

BOSTON, MASS., Nov. 17, 1896.

Accept, please, our thanks for a copy of the admirable little "Sweet Pea Review." We note the accuracy with which the varieties are described, giving a value to the work which we fully appreciate. R. & J. FARQUHAR & CO.
(ROBERT FARQUHAR.)

PHILADELPHIA, Nov. 13, 1896.

Please accept best thanks for the book on Sweet Peas just at hand. It appears to be a very practical booklet on the article, and, no doubt, will do you a great deal of good.

HENRY F. MICHELL.

CHICAGO, ILL., Nov. 11, 1896.

We acknowledge yours of the 7th, also the "Review of Sweet Peas." We thank you very much, indeed, for this publication. It is valuable to us, and we consider it a good work which the trade generally must appreciate.

W. W. BARNARD & CO.

RICHMOND, INDIANA, Nov. 10, 1896.

We return our best thanks for your beautiful brochure on Sweet Peas; it is exquisitely gotten up, and makes us wish that we knew more about them.

Thanking you again for your kindness.
E. G. HILL & CO.

DETROIT, MICH., Nov. 13, 1896.

We must extend you our thanks for the copy of your "Sweet Pea Review" received to-day. We have not yet had time to read it, but are confident a perusal of it will be both useful and enjoyable.
D. M. PERRY & CO.

What they say—Continued

The Press

WASHINGTON, D. C., Dec. 1896.
 "Sweet Pea Review," published by the Sunset Seed and Plant Company, San Francisco. A pretty little hooklet on the subject of Sweet Peas, comparing the various varieties and colors, with a few suggestions for their proper care. A book that will be welcome to all interested in these flowers.—*The American Farmer*.

LOUISVILLE, KY., Dec. 1896.
 "SWEET PEA REVIEW."—The Sunset Seed and Plant Company, of San Francisco, Cal., has just issued a handsome booklet of thirty-two pages, containing a complete classification in color-groups, according to type, of all the best Sweet Peas. Only the most desirable sorts are recommended. The work is compiled from critical notes made during the growing season of the Sweet Pea of 1895-96. The pamphlet is handsomely illustrated, and contains a comparative chart.—*Southern Florist and Gardener*.

SAN FRANCISCO, Oct. 18, 1897.
 A BOOK ON SWEET PEAS.—"Sweet Pea Review" is a very neat and well-written little volume that was needed, for the Sweet Pea fad is a healthy one and lasting. All the different varieties of these delicate, sweet-scented blossoms of beauty are, in the Review, arranged in color-groups and classified according to type. There are also many valuable critical notes and much information of a practical and scientific character. To quote the words of Mr. Sproule's preface: "A brief, definitely worded 'Review of Sweet Peas' must prove interesting to the horticultural world. Accuracy has been aimed at, and our conclusions, derived from the broad plane of practical experience gained in our own seed-growing domain, are trustworthy. Copious notes and endless comparisons in our fields are here condensed into convenient and practical form, and while not perhaps perfect in every respect they will be found peculiarly convenient. It is our effort, by co-operation, to still further ennoble the charming Sweet Pea, and in pursuance of that end the present little publication, the fruit of recreative moments snatched from a busy life, is respectfully tendered to flower lovers."—*San Francisco Call*.

The People

DETROIT, MICH., Nov. 16, 1896.
 We have read quite carefully and with much interest the "Sweet Pea Review" you so kindly sent us, and have thought some notes of our experience on some of the points touched upon would be of interest to you.

Mrs. Sankey: Although this is often classed as a white, we think it a mistake to do so. As a white it certainly is not equal to either Blanche Burpee or Emily Henderson, but as grown here it is an exquisitely delicate shade of pink, which shows to best advantage when the flowers are bunched, and makes the variety well worthy of a place even in a small collection. We think selection should be made with the view of retaining this pink tint rather than to eliminate it.

Katherine Tracy: Although this has some resemblance in color to Mrs. Gladstone, it did not originate from that variety, but is a sport found in Emily Henderson, and has many points of resemblance, in habit of vine, shape, and poise of the flower, etc., to that variety, so that it has been called a pink Emily Henderson. This, like the Mrs. Sankey, shows to best advantage when bunched, and as used in that way some two flowered stems are an advantage rather than otherwise, because of the more graceful arrangement which they permit, and when it does well a large proportion of the stems are three flowered.

We are much pleased with what you say under "A New Classification," and particularly with the reference to figures where the various forms are compared with circles. We believe that this reference to a circle is the key to a true and really scientific classification, but many varieties as grown by us do not show the form your classification would indicate. For instance, the standard of Blanche Ferry measures more vertically than across, and its widest part is near the top, making it approach inverted pear shape. We would say that a careful reading of your description of varieties would lead us to think that the delicate shades, particularly of red, are more pronounced and beautiful with us than with you, while the deeper shades, especially of blues, are stronger with you. Congratulating you on being able to add so much that is valuable to the literature of this beautiful flower, and thanking you again for sending us a copy.

D. M. FERRY & Co.



"RED RIDING-HOOD"

The Sunset Surpriser

What they say—Continued

The Press

SPRINGFIELD, MASS.
 We want to call attention to a valuable addition to our Sweet Pea literature. The Sunset Seed and Plant Company, of San Francisco, who may truthfully be called the pioneer growers of Sweet Pea seed in this country, have just issued a "Sweet Pea Review," which gives a remarkably accurate and detailed description of all the varieties known to the trade up to 1897. It is illustrated with chart, and the varieties are classified twice, first by color and then by form. This will be of great assistance to every one who wishes a knowledge of the varieties, and to the trade especially. It may be ordered of me, at the regular price of 25 cents. The Sunset Company, besides introducing this year Red Riding Hood, a new departure in form of Sweet Peas, also have a new yellow variety, which will be called Golden Gleam, and which is described as a yellow form of Blanche Burpee. Their extensive seed farms are at Menlo Park, Cal., surrounding the beautiful residence and estate of Mr. Hopkins, where they grow what was once known as the Hopkins strain of Sweet Peas, and where they are now holding well their reputation as specialists in this flower.

ADDITIONAL NOVELTIES FOR 1897.—The Sunset Seed and Plant Company, of San Francisco, offers a new primrose-yellow, corresponding in size and form with Blanche Burpee. Golden Gleam is its name. It can only be obtained of them this year as a premium—*Hutchins' Sweet Pea Annual for 1897.*

CHICAGO, JAN. 9, 1897.

SWEET PEA BEAUTIES.—The Sunset Seed and Plant Company, San Francisco, in a review of the notes upon the Sweet Peas grown by them the past year, say Blanche Burpee and Emily Henderson combine all the desirable qualities for whites, and would cross off all other whites from first-class lists. Of the two, the first-named is best. Of yellows, Mrs. Eckford is the choice. This is described as medium early, stems four-flowered. Prima Donna, Blushing Beauty, and Royal Robe are the choice for pink; Lady Penzance, Ovid, and Her Majesty the three best for rose-colored; Firefly for scarlet and Mars for crimson.—*The Farmer's Voice.*

The People

TORONTO, CANADA, NOV. 13, 1896.
 I this morning received your very valuable review of this beautiful flower. You may hold that order for a few days and I will thoroughly digest the contents of this booklet and will write you again. In a hurried perusal of this book, I might say that you have sounded the correct keynote when you say that Sweet Peas should be relisted. This is exactly what I have worried over all last season, and dealers should lose no time in putting revision of varieties into effect.

C. D. BINGHAM.

CINCINNATI, OHIO, NOV. 13, 1896.
 We are in receipt of yours of the 7th, also your "Review of Sweet Peas" for which please accept our thanks. It is quite a valuable book, and it shall have a place all to itself where the writer can lay his hands on it at any minute.

J. CHAS. McCULLOUGH & CO.

ITHACA, N. Y., Jan. 6, 1897.

Returning from an absence, I find the two copies of the second edition of the "Sweet Pea Review," and I am much obliged to you for your courtesy in remembering me. You have improved the book very much, which is the same as saying that it is a very excellent publication in every way.

(Prof.) L. H. BAILEY.

PHILADELPHIA, Dec. 14, 1897.

I have read with very much interest your "Sweet Pea Review," and would state there is no doubt whatever that you have given the best descriptions of the varieties ever published. It is a work of real value. I would thank you if you send me two copies more for use at the farm.

W. ATLEE BURPEE.

BERKELEY, CAL., Oct. 17, 1897.

I have read with deep interest your "Sweet Pea Review," and desire to express my gratification at the accuracy and completeness of the observations recorded. The appreciative spirit of the composition and the style of the publication are befitting the service of so elegant a flower. It should be in the hands of every Sweet Pea grower everywhere, and it will minister most effectively to California's Sweet Pea supremacy. (Prof. E. J. WICKSON,

Chair of Agriculture and Horticulture, State University.

What they say—Continued

The Press

ADELAIDE, AUSTRALIA,

Wednesday, Jan. 13, 1897.

GLORIFYING THE SWEET PEA—The Sunset Seed and Plant Company, of San Francisco, have sent us a copy of a handsome booklet of thirty-two pages, entitled the "Sweet Pea Review," which contains a complete classification of the bloom that gives its title, in color-groups, according to type, with recommendations as to the best means of obtaining the excision of the least desirable sorts. The information has been compiled from critical notes made during the Sweet Pea growing season in 1895-96. Copious notes and endless comparisons in the field are condensed into concise and practical form, the effort being to still further popularize this pretty flower. The highest grandiflora forms appear first, and the color-groups, with the different varieties fully described under each heading, run in this order: Pure white, approaching shades of yellow, shades of pink, shades of rose, scarlet, crimson, between scarlet and crimson, mauve (bluish), reddish mauve, magenta shading, approaching blue, claret, and shades of deep maroon, distinct blendings, contrasting shades, variegated sorts and departures. Then there is a new classification, together with indices by color and varieties. The photographic illustrations are most interesting, and there are added some useful hints as to cultivation.—*The Advertiser*.

408 California Street.

"Sweet Pea Review," a handsome booklet of thirty-two pages, containing complete classification in color groups, according to type, with recommendations for the expulsion of the least desirable sorts. Anyone wanting information about Sweet Peas would do well to read this Review, as they will be astonished to find how little they know upon the subject.—*The California Architect and Building News*.

WASHINGTON, D. C.,

Saturday, Dec. 26, 1896.

If you want to know all about Sweet Peas and how to grow them, send to Sunset Seed and Plant Company, San Francisco, for their beautiful little book on this subject.—*The Woman's Tribune*.

The People

PHILADELPHIA, Dec. 10, 1896.

Your favor of the 2d inst. was received yesterday, and to-day the handsome copy of your "Sweet Pea Review" comes to hand. I am very much obliged to you for your courtesy, and have put the book in my pocket, looking forward with pleasure to reading it at home. W. ATLEE BURFEE.

GLENFIELD, PA., Dec. 7, 1896.

Accept thanks for copy of "Sweet Pea Review" kindly sent me. I can appreciate all the labor involved in compiling such a work. We endeavor from year to year to keep notes, and find this quite a task, as the notes are valueless, unless carefully and systematically adjudged. We grow all the varieties, and it is a delight to me to see the improvement in size and color.

With kind regards,

THEO. F. BECKER.

NEWPORT, R. I., Nov. 23, 1896.

Your favor of the 11th inst., enclosing "Review of Sweet Peas," is at hand. We read the booklet with pleasure, and found it of great service to us in the preparation of our order for 1897-98.

THE GEO. A. WEAVER CO.

WILMINGTON, DEL., Nov. 14, 1896.

I beg to acknowledge, with thanks, the receipt of your handsome and useful "Sweet Pea Review." I have not yet had time to more than just look through it, but have no doubt that perusal will be both profitable and useful.

J. JEROME SMITH.

NASHUA, N. H., Nov. 17, 1896.

We are in receipt of the copy of the "Review of Sweet Peas" that you mailed us, and assure you that it will be duly appreciated. We have placed it among our books of reference and, no doubt, shall have occasion to use it often. Thanking you for same.

A. H. DUNLAP & SONS.

What they say—Continued

The Press

BURLINGTON, IOWA,

Saturday, Jan. 23, 1897.

"Sweet Pea Review," paper cover, thirty-six pages, 25 cents. Published by the Sunset Seed and Plant Company, San Francisco, Cal. After almost a decade of application to the growing and study of the Sweet Pea, this company has prepared a little book entitled "Sweet Pea Review," in whose thirty-six pages are condensed the result of critical notes made during years of observation, culminating in the extensive tests made by it during the Sweet Pea growing season, 1895-96. In this work nearly one hundred varieties are described in detail. This review being based on extended practical experience, readers are assured of reliability, the important point in a work of reference. The classification of varieties in color-groups, also according to size and form, and the recommendations for expulsiion of the least desirable sorts, will be found a peculiarly convenient and useful feature. Several fine illustrations, and a complete index, both by color-groups and by varieties, greatly increase the value of the work.—*Evening Post*.

Dec., 1896.

"Sweet Pea Review," by Sunset Seed and Plant Company, San Francisco, Cal. A neat little booklet of thirty two pages, designed as a review of the more prominent Sweet Peas in present cultivation. To say the least, it is extremely complete in its details, even to the illustration of the various types. The Sunset Company claim considerable experience with Sweet Peas, and this little booklet is compiled from their own investigations. To any one interested in this popular flower it cannot fail to be a source from which a fund of valuable information may be gained.—*Meehan's Monthly*.

Another classification is given in the "Sweet Pea Review" of the Sunset Seed and Plant Co., San Francisco,—a booklet which is invaluable to anyone who desires full descriptions of varieties.

The People

NEW YORK, Nov. 14, 1896.

We are obliged for the "Review of Sweet Peas" received this morning. From what we can see of it, it should be a great help when the trade are placing orders. Again thanking you.
WEEBER & DON.

DALLAS, TEXAS, Nov. 13, 1896.

We are pleased to acknowledge receipt of your "Sweet Pea Review," and thank you for compliments presented with same. We shall peruse it with interest and pleasure and, we trust, with profit.

TEXAS SEED AND FLORAL CO.

WASHINGTON, D. C., Oct. 22, 1896.

I hasten to acknowledge the receipt of the "Sweet Pea Review" which you kindly sent to me, and to assure you that I shall personally read it with a great deal of satisfaction.

J. STERLING MORTON,
U. S. Sec. of Agriculture.

WASHINGTON, D. C., Dec. 15, 1896.

Please accept thanks for your neat and valuable brochure on Sweet Peas.
(Prof.) GILBERT H. HICKS,
U. S. Dept. of Agriculture.

NEW YORK, Nov. 13, 1896.

We are much obliged for your interesting book on Sweet Peas, which we have duly received.

J. M. THORBURN & CO.

PALO ALTO, CAL., Oct. 27, 1896.

I wish to thank you for a copy of your artistic "Sweet Pea Review." It is the most comprehensive and accurate review of Sweet Peas that has been published, and should be received gratefully by the flower-loving public. I will adopt it as the standard authority on Sweet Peas in my work.

(Prof.) EMORY E. SMITH,
Chair of Agriculture, Stanford University.

What they say—*Continued*

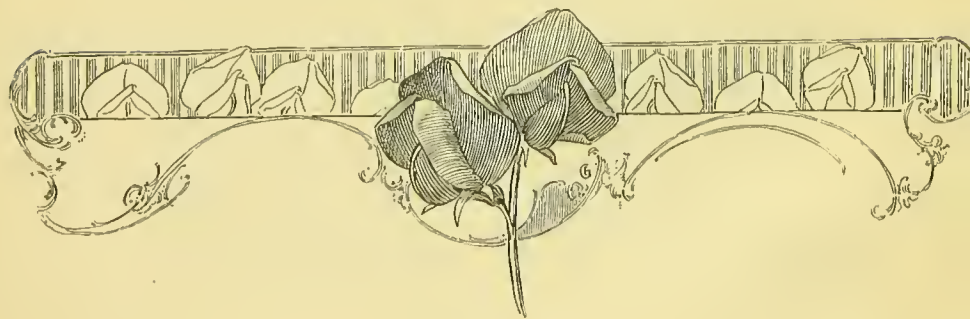
The Press

CHICAGO AND NEW YORK,

Jan. 23, 1897.

"SWEET PEA REVIEW."—Every seedsman in the world should lift his hat to the Sunset Seed and Plant Company, of San Francisco, in compliment to them for publishing their descriptive review of all the standard varieties of Sweet Peas. I have taken nothing out of the mail for a long time that suited me so exactly. For five years we have wanted somebody to prepare a thoroughly complete descriptive list of all the Sweet Peas, that should be a standard for reference, and we have had nothing so near the mark as this little book. It could only be done by someone who had a large acreage of the growing varieties to close accuracy, and with the evident intent to be strictly impartial. There are thirty-one pages of solid type, giving the descriptions by color groups, each group being arranged in the order of merit. Size and form are perhaps given first honor, although a rare color sometimes takes pre-eminence. I do not know whether it is Mr. Sproule's work or not, but whoever has made this book is an expert observer of the smallest details of this flower, and has followed closely its development. They have evidently lived among Sweet Peas for several years. If they did not love them, they could not have written such perfect descriptions. There is first a chart containing twelve figures. These are twelve circles of uniform size, and

in each circle is a life-size outline of a standard, beginning at Fig. 1 with the old and most inferior form of standard, which looks small in the circle, and progressing till Fig. 12 is filled out with one of the most recently developed novelties. There is no exaggeration of size. At the end of the book the entire list of varieties is classified according to these twelve progressive and variable forms of standard. There are some very interesting half-tone cuts, one of a comparative study of the five white varieties, another a beautiful view of a field of Cupid that ought to save that great novelty from unjust disparagement, another of a hybridizer at work, the pleasant sight of which makes me envious, then a cut showing the work of roguing. Red Riding Hood comes in for a cut also. I am sure the Sunset Company will receive many handshakes for this admirable and practical idea which they have put into print. If any seedsman, florist, or amateur wants a descriptive list that really describes, they should get this little book. The author says, "accuracy has been aimed at," and he is a "good shot." There may be an occasional expression of opinion in the book that is a little open to question, but it supplies admirably a felt need, and is so accurate in its descriptions that I give my hand heartily to the author and the publishers.—*W. T. Hutchins in The American Florist.*



Seasons for 1897

SPRING begins March 20, Vernal Equinox. ❦ ❦

SUMMER begins June 20, Summer Solstice. ❦ ❦

AUTUMN begins September 22, Autumnal Equinox.

WINTER begins December 21, Winter Solstice. ❦



Eclipses for 1897

In the year 1897 there will be Two Eclipses, both of the Sun: ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦

- I. An Annular Eclipse of the Sun February 1, invisible at San Francisco. ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦
- II. An Annular Eclipse of the Sun July 29, visible at San Francisco as a partial eclipse, beginning at sunrise and ending at 7 A. ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦



Morning and Evening Stars for 1897

MERCURY will be Evening Star till January 22, then Morning Star till April 2, then Evening Star till May 22, then Morning Star till July 16, then Evening Star till September 22, then Morning Star till November 8, then Evening Star the rest of the year. ❦ ❦ ❦ ❦ ❦

VENUS will be Evening Star till April 27, then Morning Star the rest of the year. ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦

MARS will be Evening Star till November 21, then Morning Star the rest of the year. ❦ ❦ ❦ ❦ ❦ ❦ ❦

JUPITER will be Morning Star till February 24, then Evening Star till September 14, then Morning Star the rest of the year. ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦ ❦

SATURN will be Morning Star till May 18, then Evening Star till November 25, then Morning Star the rest of

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