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# Putting West Grove on the Map 

About the close of the Civil War, soon after the railroad had pushed its way thus far ( 40 miles) out from Philadelphia, there sprang up in West Grove the then little industry of Rose - groaiing. The ordering of Roses by mail was a new thing, and with surprising rapidity the demand grew. The man who met the situation, who grew the increasing quantity of Roses needed, has also, through the intervening years, continued to grow uncounted quantities of Roses that have brightened and blessed many thousand homes throughout our great land. It was the Rosegrowing industry which "put West Grove on the map." It was the skill, hard work, and ability of Mr. Wintzer which have helped so notably to make that industry a success.

Today, happily surrounded by children and grandchildren, he continues, as our Vice-President, to su-

perintend the growing of our leading product. "the Best Roses for America.'

West Grove today is known for its Roses in every civilized country on earth. Most people necessarily send us their orders by mail. But frequently our friends (even though a thousand miles away) ask us how to reach West Grove. This map is our answer. Our Nurseries are 40 miles southwest of Philadelphia, almost midway between Philadelphia, Baltimore, and Harrisburg. You may come by railroad, trolley, or automobile. If motoring, be it remembered we are in the center of one of the most beautiful sections of the entire East.

## AN INVITATION

During the summer and autumn months we have many acres of flowers in bloom. It is also a good time to select the flowers of your choice. Visitors always welcome.

## GUARANTEE

Such as has been made by no other firm. We guarantee C. \& J. Roses to bloom the first regular blooming period after planting, or your money back.
(This does not cover loss by insect pests or winter-kill.)


Our greenhouse plant (further improved this past year) is thoroughly equipped with all the modern appliances for growing Roses of the very best quality «TheValue of a Guarantee Depends Mainly opon the Reliability of the House Behind It $\rightarrow$

To Whom It May Concern:
November 20, 1917.
It affords us pleasure to testify to the high character and standing of The Conard \& Jones Company. It is composed of practical, up-to-date nurserymen and Rose specialists. In our opinion, any statement they may make or any agreement into which they may enter can be absolutely relied upon.

THE NATIONAL BANK OF WEST GROVE, PA.

## Index to The Best Roses for America

## Intelligent buyers will appreciate, we believe, this classification, showing Rose families, etc.

June-Blooming Roses (Which make a glorious show in "Rose Season" and are entirely hardy even in the North.)...................... 26 to 35 Hardy Climbing Roses and Ramblers for Covering Archways, Trellises, Fences, Banks, Walls and Buildings.<br>Wichuraiana or Memorial Roses.<br>Rugosa Roses (very rugged)<br>Moss, Briar, Scotch, and Provence Roses. . . . . 29 Green. Blue. and Striped Roses, and Roses Extraordinary<br>Hybrid Perpetual Roses.............32, 33, 35 Ready-made Collections of Choicest H.P.'s... 35 Best Specially Selected for Northern CliColored Cover-page Offers.<br>"How to Grow Roses." Rose-Garden Requisites. Insecticides..............

Page | Everblooming Roses -
(The following will bloom from spring until frost, but require winter protection in the latitude of Pennsyivania.)
Star ( $\star$ ) Size and Tree Roses................. 8
Our Reliable Collection and Other
Sets..................... II, 17, 34, etc., and 80
Hybrid Tea Roses. . . . . . . . . . . . . . . . . . . io to 15
Tea Roses
16 to 19

Bourbon, Bengal, and China Roses.
Climbing Roses of the Everblooming
Class........................ . . . . . . . . . . . 23 to 25
Prices of Roses of Our Selection.

Abbreviations used
A.B., Austrian Briar Ben., Bengal
Bou., Bourbon
C.Ben. Climbing Bengal
Ch., China
C.H.T., Climb. Hybrid Tea
C.P., Climbing Polyan-
C.T., Climbing Tea

Dsk., Damask
H.B., Hybrid Briar
H.Ch., Hybrid China
H.M.. Hybrid Multi-
flora
H.P., Hy•brid Perpetual
H.R.. Hybrid Rugosa
H.S.B., Hybrid Swect-
H.T., Hybrid Tea H.W., Hybrid Wichu. raiana
M. Moss

Mic., Microphylla MuIt., Multiflora
N., Noisette
P., Polyantha

Per., Pernetiana
Rug., Rugosa
S.B., Sweetbriar Sc.B., Scotch Briar Spec.. Species
T., Tea
T.P., Tea Polyantha W.. Wichuraiana, or Memorial


COMPLETE INDEX OF THE BEST ROSES FOR AMERICA, continued

| VARIETY | CLASS | Page | 1.yr | 2 yr. | $\stackrel{\text { size }}{ \pm}$ | VARIETY | CLASS | Page | 1.yr. | 2.yr. | $\stackrel{\text { size }}{\text { ¢ }}$ | VARIEIY | CLASS | Page | r.yr. | 2 yr . | $\stackrel{\text { size }}{\text { ¢ }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | T. | 18 | cts. | $\underset{=0}{\substack{\text { cts. }}}$ | cts. | Memorial Roses | H.W. | 28 | cts. | cts. | cts. | Rayon d'Or | Per. | 30 | s. | $\begin{aligned} & \text { cts. } \\ & 60 \end{aligned}$ | $\begin{aligned} & \text { cts. } \\ & \$ \mathrm{I} \end{aligned}$ |
| Lady Ursul | H.T. | 12 | ${ }_{25}^{25}$ | 50 |  | Meteor | H.T. | 15 | 25 | 50 |  | Red-Letter Day | H.T. | 15 | 25 | 50 |  |
| La France | H.T. | 20 | 25 | 50 |  | Meteor, Climbing | C.H.T. | 24 | 25 | 50 |  | Red Radiance | H.T. | 15 | 50 |  |  |
| La France, Climbing. | C.H.T. | 24 | 25 | 50 |  | Mev. Dora Van Tets | H.T. | 15 | 30 | 60 |  | Reine Marg. d'Italie.. | H.T. | 15 | 25 | 50 |  |
| La France, Red... | H.T. | 20 | 25 | 50 |  | Microphylla, Red... | Mic. | 31 | 30 | 60 |  | Reine Marie Henriette | C.H.T | 24 | 25 | 50 |  |
| La France, Striped | H.T. | 30 | 25 | 50 |  | Milady. | H.T. | 14 | 25 | 50 |  | Rene Robbins | H.T. | 15 | 25 25 | 50 |  |
| La France, White | H.T. | 20 | 25 | 50 |  | Miss A. de Rothschild |  | 18 | 25 | 50 50 |  | Reve d'Or......... |  | 13 | $25$ | 50 |  |
| La Reine. | H.P. | 33 | $\begin{aligned} & 20 \\ & 25 \end{aligned}$ | 50 |  | Miss A. de Rothschild | H.T | 13 | 25 | 60 | 75 | Rhea R | H.T | 15 | 25 | 50 | 5 |
| La Tosca | H.T. | 12 | 25 | 50 | 75 | Miss Messman. | H. M . | 27 | 20 | 40 | 75 | Richmon | H.T | 15 | 25 | 50 |  |
| Laurent Carle | H.T. | 14 | 25 | 30 | 75 | Molly S. Crawford |  | 19 | 20 | 40 |  | Rodhatte. |  | 21 |  | 50 |  |
| Leonie Lamesch | P. | 31 | 30 | 60 |  | Mosella, Climbing | C.T.P. | 24 | 25 | 50 |  | Roger Lambelin. | H.P. | 31 | 50 | \$ |  |
| Letty Coles. |  | 16 | 20 |  |  | Moss Roses |  | 30 |  |  |  | Rosa rubiginosa.. | B | 30 |  | 40 |  |
| Leslie Hollan | H.T. | 14 | 25 | 50 |  | Mousseline. . |  | 30 | 30 | 60 |  | Rosa spinosissima, | B. | 31 | 30 | 60 |  |
| Lieut. Chaure | H.T. | 14 | 25 | 50 |  | Mrs. Aaron Ward | H.T. | 10 | 25 | 50 |  | Rose d'Evian .... |  | 16 | 20 | 40 |  |
| Longwood | H.W. | 28 |  | 50 |  | Mrs. A. E. Coxhead.. | H.T. | 15 | 25 | 50 SI |  | Roseraie de l'Hay | H.R. | 29 <br> 28 |  | 50 |  |
| Los Angeles | H.T. | 12 |  | \$1.50 |  | Mrs. Ambr. Riccardo. | $\xrightarrow{\text { H.T. }}$ | $\begin{aligned} & 10 \\ & 15 \end{aligned}$ |  | \$1 |  | Ruby Queen | H.W. | $\begin{aligned} & 28 \\ & 29 \end{aligned}$ | 20 | $\begin{aligned} & 50 \\ & 40 \end{aligned}$ |  |
| Louise Lilia | H.T. | 14 | 25 |  |  | Mrs. Andrew Carnegie | H.T. | $\begin{aligned} & 15 \\ & 13 \end{aligned}$ | $\begin{aligned} & 40 \\ & 25 \end{aligned}$ | 75 50 |  | Rugosa magnifica | R.R. | 29 | 20 | 75 |  |
| Lucullus.. | Ben. | $\begin{aligned} & 21 \\ & 32 \end{aligned}$ | 20 | 40 |  | Mrs. B. R. Cant. |  | 80 | 25 | 50 | 75 | Rugosa rubra | Rug. | 29 | 20 | 40 |  |
| Macartney |  | 3 I |  | 60 |  | Mrs. Bert. J. Walker. | H.T. | 13 |  | \$1.50 |  | Safrano |  | 18 | 25 | 50 |  |
| Mme. Abel Chatenay. | H.T. | 12 | 25 | 50 |  | Mrs. Bryce Allan. | H.T. | 13 |  | I. 50 |  | Santa Ro | Bou. | 22 | 25 |  |  |
| Mme. Alfred Carriere. | - | 23 | 25 | 50 |  | Mrs. Campbell Hall |  | 16 | 35 | 70 |  | Scotch | Sc.B. | 31 | 30 | 60 |  |
| Mme. Camille | T. | 16 | 20 | 40 |  | Mrs. Chas. E. Pearson | H.T. | 10 | 25 | 50 |  | Seabird. | H.T. | 10 | 25 | 50 |  |
| Mme. Car. Testout | H.T. | 12 | 25 | 50 | 75 | Mrs. Charles Hunter | ${ }_{\text {H. }}$ | 15 | 35 | 50 |  | Shower of | ${ }_{\text {H.W. }}$ | 28 |  |  |  |
| Mme. C. Testout, Cl . | C.H.T. | 24 | 25 | 50 |  | Mrs. Charles Russell. | 1 T T | 13 | 35 | 60 |  | Sir Thomas |  |  | 25 25 | $\begin{aligned} & 50 \\ & 50 \end{aligned}$ | 75 |
| Mme. Charles Wood.. | H.P. | $\begin{aligned} & 10 \\ & 33 \end{aligned}$ | $\begin{aligned} & 25 \\ & 20 \end{aligned}$ | 50 |  | Mrs. Forde. | H.T. | 13 |  | 50 |  | Snowstorm |  | 21 |  | 50 |  |
| Mme. de Watteville. |  | 19 | 25 | 50 |  | Mrs. George Gordon | H.T. | 13 |  | \$1.50 |  | Soleil d'O | Per. | 30 |  | 60 |  |
| Mme. Driout | C.T. | 23 | 25 | 50 |  | Mrs. George Shawyer. | H.T. | 13 | 30 | 60 |  | Solfaterre |  | 23 | 25 |  |  |
| Mme. Ed. Herriot. | Per. | 30 |  | 75 |  | Mrs. H. Brocklebank | H.T. | 15 | 25 | 50 |  | Sombreuil. | T. | 19 | 20 | 40 |  |
| Mme. Eugene Marlitt. | Bou. | 80 | 25 | 50 | 75 | Mrs. Harvey Thomas. | H.T. | 15 | 25 |  |  | Souv. de Cath. Guil | T | 18 | 20 |  |  |
| Mme. F. Kruger. . |  | 18 | 20 | 40 |  | Mrs. H. T. Hillas | H.T. | 10 | 25 | 50 |  | Souv.de la Malmaison | Bou. | 22 | 25 | 50 |  |
| Mme. J. Guillemot. | H | 10 | 25 | 50 | 75 | Mrs. Herbert Stevens. | T. | 19 | 25 | 50 |  | Souvenir de P. Leper- |  |  |  |  |  |
| Mme. Jos. Schwartz. |  | 19 | 20 | 40 |  | Mrs. Hubert Taylor |  | 16 | 20 | 40 50 |  | Souv. de P. Notting. . | H.R. | $\begin{aligned} & 29 \\ & 18 \end{aligned}$ |  | 60 50 |  |
| Mme. Jules Bouche Mme. J. Gravereaux | H.T. | 15 23 | 25 | 60 50 |  | Mrs. John Laing. | H.W. | 33 28 | 20 | 50 | 75 | Souv. de P. Notting. | ${ }_{\text {H.T. }}$ | 18 | $\begin{aligned} & 25 \\ & 25 \end{aligned}$ | $\begin{aligned} & 50 \\ & 50 \end{aligned}$ | 5 |
| Mme. Jules Grolez. | H. | 12 | 25 | 50 |  | Mrs. R. D. McClure. | H.T. | 13 |  | \$1 |  | Souv. of Wootton | H.T | 15 | 25 | 50 |  |
| Mme. Lambard. |  | 16 | 20 |  |  | Mrs. Robert Garrett. | H.T | 13 | 25 | 50 |  | Souv. of Wootton, Cl.. | C.H. | 24 | 25 | 50 |  |
| Mme. Leon Pain | H | 12 | 25 | 50 |  | Mrs. Robert Peary | C. H . | 24 | 25 | 50 |  | Striped Reine Marie |  |  |  |  |  |
| Mme. Margotti |  | 16 | 20 | 40 |  | Mrs. Sam Ross ... | H.T. | 10 |  | 60 |  | Henriette | C.T. | 23 | 25 | 50 |  |
| Mme. Masson. | H.P. | 33 | 20 | 50 |  | Mrs. Theo. Roosevelt | H.T. | 13 | 25 | 50 |  | Sunburst. | H.T. | 10 | 30 | 60 | 90 |
| Mme. Maurice de Luze | H.T. | 12 | 25 | 50 |  | Mrs. W. C. Miller | H.T. | 13 | 25 | 50 |  | Sun of Gol | Per. | 30 |  | 60 |  |
| Mma. Mel. Soupert | H.T. | 10 | 25 | 50 | 75 | My Maryland. | H.T. | 13 |  |  |  | Sunri | T. | 16 | 2 | $4{ }^{\circ}$ |  |
| Mme. Olga... |  | 19 | 20 |  |  | Natalie Bottner. | H.T. | 15 | 25 | 50 |  | Suns |  | 18 | 20 | 40 |  |
| Mme. Plantier | H.Ch. | 31 | 20 | 50 |  | National Emblem | H.T. | 15 |  | \$1 |  | Swee | S.B. | 30 |  | 40 |  |
| Mme. Ravary | H.T | 10 | 25 | 50 |  | New Century | H.R. | 29 | 25 | 50 | 75 | Sweeth | H.W. | 28 |  | 50 |  |
| Mme. Rene Gerard |  | 18 | 20 |  |  | Nova Zembla | H.R. | 29 | 25 | 50 |  | Taft Rose | H.T. | 13 | 25 | 50 | 75 |
| Mme. Schwaller | H.T. | 12 | 25 | 50 |  | Old-Gold | H.T. | 10 | 25 | 50 |  | Tausendschon | H.M. | 27 | 20 | 50 | 75 |
| Mme. Segond Weber. | H.T. | 13 | 25 | 50 |  | Oliva. | H.T. | 15 | 25 | 50 |  | Thousand Beauties | H. M. | 27 | 0 | 50 | 75 |
| Mme. Wagram. | C.T. | 23 | 25 | 50 |  | Ophelia | H.T. | I | 30 | 60 | 90 | Tip-Top. |  | 31 | 25 | 50 | 75 |
| Mme. Welche |  | 18 | 20 |  |  | Orleans.. |  | 21 | 25 | 50 |  | Tree Roses |  | -9 |  |  |  |
| Mlle. H. Gamb | H. | 80 | 25 | 50 | 75 | Orleans, | H | 25 |  |  | \$1.50 | Universal | H.P. | $\begin{aligned} & 80 \\ & 28 \end{aligned}$ | 25 | 50 | 75 |
| Madison. |  | 80 | 25 | 50 | 75 | Pana |  | 13 | 30 20 | 40 |  | Veilchenblau. | H.M. | 31 | 25 | so |  |
| Magna Charta | II.P. | 33 | 20 | 50 |  | Paul Neyron. | H.P. | 80 | 25 | 50 | 75 | Vick's Capri | H.P. | 31 | 25 | 50 |  |
| Magnafrano. | H.T. | 15 | 25 | 50 |  | Perle des Jardins |  | 18 | 20 | 40 |  | Violet-Blue | H.M. | 31. | 25 | 50 |  |
| Maman Cochet, Pink |  | 17 | 25 | 50 | 75 | Pernet's Triumph | H.T. | 15 | 25 | 50 |  | Virginia R. Coxe | H.T. | 80 | 25 | 50 | 75 |
| M. Cochet, Pink, C1. | T | 25 | 25 | 50 | 75 | Philadelphia. | H.M. | 27 | 20 | 40 | 75 | Viridiflora | Ch. | 31 | 20 | $4^{\circ}$ |  |
| Maman Cochet, Red. | T | 17 | 25 | 50 | 75 | Pillar of Gold. | C. T | 23 | 25 |  |  | Wartburg | H. M. | 27 |  | 50 |  |
| Maman Cochet, White |  | 17 | 25 | 50 | 75 | Pink Memorial, Dbl. | H.V. | 28 | 25 | 50 |  | Wellesley | H.T. | 80 | 25 | 50 | 75 |
| M. Cochet, White, Cl. | C. | 23 | 25 | 50 | 75 | Primerose. | H.T | 10 |  | 60 |  | White Amr. Beauty | H.P. | 32 | 25 | 50 | 75 |
| Maman Cochet, Yellow |  | 18 | 25 | 50 | 75 | Polyanthas. |  | 21 |  |  |  | White Dorothy.. | H.W. | 26 | 20 | 50 | 75 |
| Marcella. | H.T. | 12 |  | SI |  | Prince Cam, de Rohan | H.P. | 33 |  |  | 75 | White Killarney, . ${ }^{\text {a }}$ | ${ }_{\text {H.T. }}$ | 20 | 25 | 50 |  |
| Marchioness of Lorne. | H.P. | 33 23 | 20 25 | 50 50 |  | Prince of Bulgaria. | H.T. | $\begin{aligned} & 13 \\ & 30 \end{aligned}$ | 25 30 | 50 60 |  | White Killarney, Cl... | С. Н. T | 124 | 25 | 50 | 75 |
| Margaret Dickson | H.P | 23 <br> 33 | 25 20 | 50 50 |  | Princess Bonnie | H.T. | 15 | 25 | 50 |  | White M. Cochet, C1. | C. ${ }^{\text {c }}$ | 23 | 25 | 50 | 75 |
| Mar. Dickson Hamill. | H.T. | 10 |  | \$I |  | Princess de Sagan. |  | 16 | 20 |  |  | White Souper | T.P. | 2 I |  | 50 |  |
| Marie Guillot. | T. | 19 | 20 | 40 |  | Prof. C. S. Sargent. | H.V. | 28 | 25 | 50 |  | Wichmoss. | H.W | 30 | 25 | 50 |  |
| Marie Lambert |  | 19 | 20 |  |  | Queen Beatric | H.T. | 13 | 25 | 50 |  | Wichuraiana. | W. | 28 | 20 | 50 | 75 |
| Marie Pavie | T.P. | 21 | 25 | 50 |  | Queen Mary | H.T. | 10 |  | 75 |  | Wichuraiana, Varieg. | W. | 3 I | 30 | 60 |  |
| Marie Van Houtte. | T. | 19 | 25 | 50 | 75 | Queen's Scarlet. | Ch. | 22 | 20 | 40 |  | Wm. Allen Ricbardson | N. | 23 | 25 | 50 |  |
| Marq. de Querhoent.. |  | 18 | 25 | 50 |  | Queen of Fragrance | H.T. | 13 |  | \$1 |  | Wm. R. Smith |  | 16 | 25 | 50 | 75 |
| Marshall P. Wilder. | H.P. | 33 | 20 | 50 |  | Queen, T |  | 19 | 20 |  |  | William Shean. | H.T. | 13 | 25 | 50 |  |
| Mary, Countess |  |  |  |  |  | Radiance.. | H.T. | 80 | 25 | 50 | 75 | Willowmere | H.T. | 13 | 25 | 50 |  |
| Ilchester ..... | H.T. | 14 | 25 | 50 |  | Radiance, Re | H.'T. | 15 | 50 |  |  | Winnie Davis | H.T. | 13 | 25 | 50 |  |
| Mary Lovett. | H.W. | 27 | 35 | 60 |  | Rainbow. |  | 16 | 20 |  |  | Winter Gem. | T. | 16 | 20 | 40 |  |
| Max Hesdorffe | H.T. | 12 | 25 | 50 |  | Rambler, Crimson Rambler, Yellow. | H.M. | 27 |  | 50 50 |  | Yellow Cochet..... |  | 18 | 25 | 50 <br> 8 | 75 |
| May Queen... | H.IV. | 27 | 20 | 40 |  | Rambler, Yellow. | H.M. | 27 |  | 50 |  | York and Lancaster | Dsk. | 31 | 40 | \$1 |  |

## TIME-SAVING AND MONEY-SAVING SELECTIONS

YOU MAY SELECT

|  | 5 for | 10 for | 25 for |
| :---: | :---: | :---: | :---: |
| At 20 cts , each. | So 85 | \$160 | \$3 75 |
| At 25 cts. each. | 110 | 210 | 500 |
| At 30 cts . each. | 1 30 | 250 | 600 |
| At 35 cts. each. | I 60 | 300 | 700 |
| At 40 cts . each. | 175 | 325 | 750 |
| At 50 cts . each. | 200 | 375 | 875 |
| At 60 cts . each. | 250 | 450 | II 25 |
| At 75 cts. each. | 325 |  | 1500 |

PRICES-OUR SELECTION Tea Roses, Bourbons, Chinas, Polyanthas and Hardy Climbers

|  | 10 for | 25 for | 100 for |
| :---: | :---: | :---: | :---: |
| I-year size.. | \$1 25 | \$300 | \$10 00 |
| 2-year size.. | 350 | 700 | 2750 |
| Star size. | 500 | 1200 | 4500 |

Hybrid Teas and Hybrid Perpetuals I-year size..
2-year size..
Star size... 2-year size.
Star size..
$\begin{array}{rr}\$ 1 & 45 \\ 400\end{array}$
400
600
$\qquad$
Rose Specialists
West Grove, Penna.

# ROSE-GROWING AS A RECREATION 

## "NATURE THE ONLY PHYSICIAN"

Health and recreation for yourself and joy unmeasured for others also are the fruits of growing your own Roses.
What more wholesome recreation can you imagine to restore jaded nerves or refresh one after a weary round of the day's work than growing one's own Roses?
But even Rose-growing may be discouraging, unless, in the first place, you have the knowledge of how to get what you want.

It's the "know how" at the start that insures success and satisfaction at the finish.

You or your architect must picture your house before you build it; to do this, seeing what others have done will help you to formulate your own ideas, and, what is quite as important, to know your materials and their possibilities. These two pages are intended to remove the mystery from "Success with Roses."

## HOW TO SELECT YOUR ROSES

No other family of plants, probably, is more widely spread over the face of the earth than the Rose. Few other plants have in the same genus so many different types and species. Thus it is that, from the tiny midget Roses to those of untold age and marvelous dimensions, we find every size of bush and almost every habit of growth.

Landscape architects, the expert users of Roses, call for many different types to fashion their garden pictures. You, too, reader, may add refreshing variety and the charm of novelty to your garden picture if, first, you know each separate family and its traits. To help you we indicate below only a few of these families and the broader classifications. On the opposite page are some of the ways in which Roses may best be used.

Compare each paragraph as numbered with corresponding illustration below, to assist in comparing types.

## 1. Creeping Roses. See kinds marked $\bullet$ en page 28.

A few varieties in the Wichuraiana family which cling close to the ground. They throw out runners which sucker and fasten themselves tightly, thus making them valuable on embankments, as "a thing of beauty," and also to prevent the soil from washing.

## 2. Baby Roses. See page 21

Polyantha, also called Baby Ramblers, even in the bush form which do not ramble at all. They are remarkable for an almost constant display of bloom. Quantities of small blossoms in clusters cover the bushes throughout a longer uninterrupted period than almost any other family. They are used as individual specimens, for low hedges, for solid beds or for edging.

## 3. Bush Roses

We describe them here in two sizes (a) and (b).
(a) SHORT. 15. to 30 inches. See pages 10 to 15,16 to 19, and 22

Most of the Roses in the Tea and Hybrid Tea classes, also the Bourbon, Bengal and Chinas, belong to this group, like the Killarneys, Cochets and the Roses in our Reliable Dozen (p. 34). See the garden scenes on Pp. 12, 13,14 and 15 .

## (b) TALL, 3 to 4 feet or more. See pages 32, 33 and 35

Most of the Hybrid Perpetuals with larger and fewer flowers are in this group, and some Hybrid Teas, like Gruss an Teplitz. Among Hybrid Perpetuals, Hugh Dickson, J. B. Clark, and Frau Karl Druschki often grow larger than the others.

## 4. Shrub Size Roses

We speak of this group in this manner because they are too large to plant with other Roses in the Bush Rose beds, but rather do they lend themselves for use on the lawn, either in groups or as specimens, much as you would plant shrubbery. The Rugosas, on page 29, make robust bushes, 3 to 4 feet through and 4 to 6 feet high. Some grow stronger than this. $\stackrel{4}{4}$ Their compactness and uniformity also commend them for hedge uses. Harison's Yellow (p. 30) is in the shrub class, as is the wonderful new Hugonis (front page); also the Sweetbriar and Moss Roses, p. 30.


## 5. Pillar Roses

## 6. Climbing Roses

## Hardiness

 (except pp. 31 and 34) are hardy: Roses, pp. io to 25 tion in latitude north of Phila-
## Rose Specialists

This term, or phrase, is better known and more used abroad than in America. May Queen Rose (p. 27), Golden Rambler (p. 25), and other Roses, including Birdie Blye (p. 22), and some too large to be well-behaved Bush Roses and not large enough to be vigorous climbers, are tied to a stake or support and called Pillar Roses. The stronger growing climbers, like American Pillar (back cover), may likewise be cut back and so trained.

There is almost as much variety in Climbing Roses as in all above five groups combined. The most valuable group of Climbers are the hardy ones which bloom only during the spring and early summer-the Multifloras, and the Wichuraianas and their Hybrids, bloom in clusters. See pp. 26, 27, and 28. Nearly all of these grow to a great height (see cut, p. 26). The Wichuraiana family has most pliable branches and is easily trained. Theother large group of Climbers are less hardy but bloom riotously in the spring and some during summer and fall; they are climbing sports of the Teas, Hybrid Teas and Polyanthas (see pp. 23 to 25)

All Roses on pp. 26 to 35 inclusive, need winter protecdelphia. For winter protection see pp. 28 and 29 in "How to Grow Roses" (p.7).

## A ROSE FOR EVERY PLACE AND PURPOSE



For an Arctway
'The success of the Rose in this country is very largely a question of the selection of adaptable varieties."-DR. LIBERTY H. BAILEY.
The opposite page has helped you, no doubt, to avoid selecting those Roses not well suited to your climate, and to a choice of the right ones for your locality. That is very important. Having received your Roses, do you yet realize in how many different ways they may be used, what clever, original, and decorative arrangements may be employed to make your home beautiful?
Let us note the climbing Roses, for example. It is difficult to imagine a home with grounds at all that is too small for at least one climbing Rose. A climbing Rose that covers the entire side of a house may need only two cubic feet of soil to grow in. (Please note in passing the rose-embowered house on page 26.) The ingenuity of our readers will conceive a greater variety of uses than the few examples pictured on this, page. A much more complete treatment of the subject will be found in our book, "How to Grow Roses."

1. For Trellis. For covering a trellis, select from the climbers, pages 23 to 28 , inclusive, and especially those on page 26. A trellis may be made of wood, wire, or other materials, and may be used about the house, porch, or garden, or for a screen.
2. For an Archway. Use the same varieties as for above. "Dig deep while sluggards sleep," and you'll have Roses galore. The archway is most effective over a pathway or entrance.
3. Pergola. A pergola, like an open tunnel, made up of a series of connected arches, should be covered with the same varieties recommended for arches, and is a great addition to any garden.
4. Fences. First of all, plan for a substantial support, and choose, according to taste, from the long-branched climbers on pages 23 to 28 , but especially on pages 26 to 28 .
5. Banks or Stumps. Any ugly or unsightly objects, from stumps to buildings, may be transformed into bowers of beauty. Expense is trifling, compared with the satisfaction. The hardy climbers, and especially Wichuraianas, are best for this purpose.
6. Tree Roses are more fully described on page 9 . We cannot begin to tell in this small space all the great variety of uses of the Rose. For complete information, we recommend that you refer to our book on the subject, "How to Grow Roses." See below.

## "HOW TO GROW ROSES" By pobert

A cloth-bound book, 121 pages- 16 full-page color plates. 80 instructive illustrations If you simply wanted something to read, without any idea of getting instruction about growing Roses, you might turn to this book and be delightfully entertained for an hour or so. In this way it is an unusual Rose book; for in it you will find how the famous "attar of Roses" is made, how to make Rose beads, something about "the Red Rose Church" at Manheim, and also about the most beautiful Rose-garden in the world.

To a lover of Roses there is more than this; for a beginner is told how to begin, how to establish ideals, and get started right; after which comes the valuable "Calendar of Operations," telling when and how to prune, spray, fertilize, and ,"therwise care for Roses the year round. There is a chapter on "Where to Plant Roses," and others on drainage, soil, and fertilizers. You are told how to handle the plants when you receive them and the best way to mulch and protect them during the winter. Farther on is a most valuable list of 158 Roses, with instructions for pruning each one. The book ends with a comprehensive list of "Roses Arranged in Classes," that should be of value to any lover of "the Queen of Flowers." Price \$1, postpaid.

## MAKES A LOVELY PRESENT

My "How to Grow Roses" arrived. My appreciation cannot be expressed in words. It will always be one of my precious belongings and I think 1 shall have to order one for a




In producing our Star Roses, special care is given to selecting the best kinds to grow, and extra attention is given to see that the stock, when growing, is first-class in every respect. These Roses, therefore, when they reach our customers, are in prime condition for giving best results, and the testimonials we receive show that in offering these plants we are supplying Roses that give the utmost satisfaction.

The Roses in our catalogue marked with a $\nrightarrow$ will help show the way to success in your Rose-garden. The star will point out the varieties that are in every way reliable and desirable. Furthermore, we furnish the STAR kinds in extra-large, carefully selected stock; therefore, both as regards the variety and its size,


Magnificent new Rose, Los Angeles (Desc. page 12) Price, \$1.50, by exp.

## THE $\star$ KINDS ARE THE BEST

## Ironclad Rugosas

We have ordered Roses from you for ten years and got what we ordered. $\mathbf{1 9 1 7}$. S. Irvington. N. J.

29 Conrad F. Meyer. Clear, silvery rose; extra choice.........\$I
29
New Cent
${ }_{29}$ Sir Thomas Lipton. Pure snow-white; a good bloomer.
75

## Hardy Moss Roses

$\star$ size,
See page
u. Pure white; large, full, and perfect.

30 Blanche Moreau. Pure white; large, full, and perfect. The buds are beautifully mossed by exp.

30 Henry Martin. Bright rosy red; very hardy.
\$0 90

## Climbers and Wichuraianas <br> $\star$ size, <br> See page <br> by exp.

${ }_{27}$ Aunt Harriet. New. Red.
. $\$ 500$
${ }^{25}$ Climbing Orleans. New. Red. ..... 150
80 American Pillar. Rich rosy pink with white center. (See back cover.). ..... 100
${ }_{27}$ Dr. W. Van Fleet. Rich flesh-color; makes exquisite buds.. ..... 75
${ }^{26}$ Red Dorothy Perkins (Excelsa). Carmine-lake. ..... 75
80 American Beauty, Climbing. Deep pink to crimson. (See back cover.).. ..... 100
27 Tausendschon. White and pink. ..... 75
28 Silver Moon. Pure snowy white. ..... 75
See other Hardy Climbing Roses in Star size, on pages 26 to 28 the fine Rose bushes you have supplied me with.

My garden has been the talk of the locality where I live for the last two years-and every one of the large number of Roses came from Conard \& Jones Co.-C. A. H., Worcester, Mass.

## HYBRID PERPETUAL ROSES

see paseand full, dark rich crimson; delightfully scented..
32 Clio. Lovely flesh-color. See cut, page 35.. ..... 75
32 Frau Karl Druschki. Purest white; immense flowers and a remarkably free bloomer ..... 75
80 General Jacqueminot. The richest crimson. See in color, on inside front cover ..... 75
32 Gloire Lyonnaise. Nearly yellow. The blooms are immense and perfect in form. ..... 75
33 Hugh Dickson. Brilliant crimson, shaded scarlet; free-flower- ing and vigorous in growth. ..... 75
33 J. B. Clark. Intense, deep scarlet, heavily shaded blackish crimson; flowers very large and well formed ..... 75
33 Mrs. John Laing. Soft pink; exceedingly free flowering and delightfully fragrant ..... 75
80 Paul Neyron. Clear, shining pink; immense blooms. See this in color, on inside front cover. ..... 75
33 Prince Camille de Rohan. Very dark, velvety crimson, ..... 7.5
80 Ulrich Brunner. Brilliant cherry-red. See this in color on inside front cover ..... 75
EAFER $>8$ Any 8 above Hybrid Perpetual Roses, in St
or the entire 12 above for $\$ 7.50$, by express.


\section*{See EVERBLOOMING HYBRID TEAS

Price

## page

## page

 Chateau de Clos Vougeot. Velvety maroon, shaded with fiery red. The darkest in this class.3+ Col. R.S. Williamson. Satiny white with blush center.
II Duchess of Wellington (Orange Killarney). Saf-fron-rellow
so Ecarlate. An intensely brilliant scarlet
it Etoile de France. Intense, brilliant crimson
${ }_{11}$ Francis Scott Key. Rich crimson-red; makes perfectly formed flowers; free bloomer
80 Gen. MacArthur. Glowing crimson-scarlet
I + Gen.-Sup. Arnold Janssen. Deep glowing carmine; large full flowers
80 Gruss an Teplitz. Velvety, fiery red
${ }_{1 I}$ Jonkheer J. L. Mock. Carmine and pink
${ }_{5} 5$ Kaiserin Augusta Victoria. Lemon-white
zo Killarney Brilliant. Rich brilliant pink.
12 Lady Alice Stanley. Coral-rose, pale flesh inside
12 La Tosca. Tender rose, shading to flesh-pink
if Laurent Carle. Brilliant velvety carmine. Large, perfectly formed, fragrant flowers.
12 Mme. Caroline Testout. Clear pink, rose-edged.
$3 f$ Mme. Melanie Soupert. Salmon-yellow.
11 Ophelia. Salmon-flesh, shaded rose.
80 Radiance. Rosy carmine and soft pink.
${ }_{15}$ Rhea Reid. Rich cherry-crimson
Io Sunburst. Orange-copper and golden yellow.
13 Taft Rose. Rich salmon-pink.
So Wellesley. Rose-pink; reverse of petals silvery rose.

## EVERBLOOMING TEAS

Hill Gray
Lemon-yellow;
splendid Blooms the entire growing season.
16 Bon Silene. Rich, rosy crimson
16 Duchesse de Brabant. Beautiful, clear pink.
18 Harry Kirk. Deep sulphur-yellow, with edge of petals lighter
80 Madison. A grand white
17 Maman Cochet, Pink. Rich coral-pink
17 Maman Cochet, White. Pure white; excellent
19 Marie Van Houtte. Yellow, passing to white, with pink tips
18 Miss Alice de Rothschild. Beautiful yellow.
8o Mrs. B. R. Cant. Bright, clear rose-red.
so Souv. de Pierre Notting. Orange-yellow
16 Wm. R. Smith. Creamy pink

## EVERBLOOMING BOURBONS, CHINA, AND TEA POLYANTHAS

3+ Beauty of Rosemawr. Carmine, shaded cream; blooms continuously the entire growing season
8o Mme. Eugene Marlitt. Carmine-red; makes a splendid, healthy bush and blooms continually; perfectly hardy.
22 Hermosa. In old favorite which blooms incessantly Flowers clear bright pink; very fragrant
$3+$ Gruss an Aachen. The petals shade from flesh-pink and yellow on the outside to deep salmon-pink inside Very fine. as follows: (D) Or the entire 39 above Star Roses

240
2500

By express

With an order for Star Roses amounting to $\$ 5$ or more, we send free, if requested, the valuable new book, "How to Grow Roses"

## STANDARD or TREE ROSES

Prease orber berore aprll
Tree Roses occupy but little ground-space, and are very imposing when planted among shrubbery or perennials. Along the sides of a walk they form an avenue effect, and are useful in formal gardening.

The Tree Roses I got from you in April are doing well, and some of them have had is many as seven open Roses on one tree at the same time, and as for the Frau Karl Druschki I got from you a year ago this soring, it was simply superb. a mass of the most exquisite perfect. large blossoms imaginable.

Both Dr. W.- and Mrs. C-- who ordered Tree Roses with me this spring. are delighted with them.

It gives me pleasure at all times to reconmmend The Conard \& Jones Company to any and all Rose-Iovers who want the best that can be had in the Rose line.-Mrs. Chas. G. McR.. Chery Chase, Md.
Frau Karl Druschki. (H.P.) The finest white Rose in existence. General Jacqueminot. (H.P.) Red. See inside front cover.
Mrs. John Laing. (H.P.) Soft pink. Very free bloomer.
Gruss an Teplitz. (H.T.) Fiery red. Exceptionally fine.
Killarney. (H.T.) Rich imperial pink
Mme. Caroline Testout. (H.T.) Clear silvery pink.
Mme. Jules Grolez. (H.T.) Rose and satiny pink.
Radiance. (H.T.) Rosy carmine and pink.
Baby Rambler. (Poly.) Crimson flowers in clusters. Blooms all summer.

## Three Choice WEEPING Tree Roses

Dorothy Perkins. (H.W.) Shell-pink. Very fine.
Zephirine Drouhin. (H.M.) Carmine-red. Large flowers
Mme. Jules Gravereaux. (C.T.) Pinkish yellow or buff.
PRICE. All Tree Roses, $\$ 1.25$ each, by express
OFFER $>9$ e $\begin{aligned} & \text { The set of } 12 \text { Tree Roses for } \$ 12 \text {, or any } 3 \text { for } \$ 3.50 \text {, }\end{aligned}$
In January, 1914, I ordered. among other items, from you ten Pink Dorothy Perkins Weeping Tree Roses. The effect last June was very beautiful. Last year, to my regret I did not purchase Roses and other shrubs from you, but I went elsewhere. I will never do it again.-T. W. C.. Louisville, Ky.


Standard or Tree Kose. Frau Karl Druschki


Mrs. Aaron Ward (see 2d column)

## CHOICE EVERBLOOMING HYBRID TEA ROSES

This we believe is the most popular class of Roses now in cultivation. These varieties are the result of a union between the Everblooming Teas and the hardy Hybrid Perpetual class, thus combining the exquisite richness of coloring and beauty of form in the one with the hardiness, vigorous growth and pungent fragrance of the other.

It is rather exceptional in the Roses of any other class to find so many excellent qualities; and when you add the splendid feature of blooming so freely and continuously throughout the season, it is easy to understand why these Hybrid Tea Roses are so popular.

Lack of space prohibits our giving full descriptions to all the Roses we have in stock. Therefore we are obliged to place many excellent varieties in the smaller column on this and the following pages and name the colors only.

You may find there some favorites well worth your attention.


Rayon d'Or (see page 30)

Other excellent kinds, but stock is limited YELLOW AND COPPER SHADES
Arthur R. Goodwin. Great coppery orange blooms which turn to pink when the fower ages.
Carine. Lemon-yellow with rose or coppery crimson edges. A very decorative fiower.
Donald McDonald. Intense orange-carmine. Inexpressibly charming. 2-yr. only, \$1, by express.
G. Amedee Hammond. Deep apricot, shading to fawn or buff. $2-y$ r. only; ${ }^{1} 1$, by express.
Lady Mary Ward. Orange, shaded deep orange
Mme. Charles Lutaud. Chrome-s'ellow and scarlet. M-ze. Jenny Gillemot. Similar to Mme. Melanie Soupert.
Mme. Ravary. Rich nankeen-sellow.
Margaret Dickson Hamill. Straw-colored petals fushed with carmine. 2 -yr. only, $\$ 1$. by express.
Mrs. Ambrose Ricardo. Deep honey-y ellow, overirs. Ambrose Ricardo. Deep honey-yellow, over-
laid brighter yellow. Large fower.
2-yr. only, $\$ 1$ laid brighte
Mrs. Charles E. Pearson. Orange, flushed apricot Mrs. Charles E. Pearson. Orange
Mrs. T. Hillas. Pure chrome-yellow.
Mrs. T. Hillas. Pure chrome-yellow. flushed buff. $2-y r$. only, 60 cts., by express.
Old Gold. Reddish orange with coppery apricot shadings. A single-fiowered variety
Primerose. Melon-yellow with apricot shading. 2-yr only, 60 cts., by express.
Queen Mary. Canary-yellow crayoned with carmine $2-\mathrm{yr}$. only, 75 cts., by express.
Seabird. Clear primrose-yellow.
PRICE. All in this column, except where noted, 1 -yr., 25 cts ., postpaid; 2 -yr., 50 cts ., by express.


Duchess of Wellington

\begin{tabular}{|c|c|c|c|c|}
\hline \multicolumn{2}{|l|}{\multirow[b]{2}{*}{YELLOW AND COPPER SHADES}} \& \multicolumn{3}{|c|}{PRICES} <br>
\hline \& \& \multirow[t]{2}{*}{$$
\begin{gathered}
\text { Post- } \\
\text { paid } \\
\text { payr. }
\end{gathered}
$$} \& \multicolumn{2}{|l|}{By Express} <br>
\hline Name \& Description \& \& 2-yr. \& * <br>
\hline Chrissie MacKellar. \& Crimson-carmine on ochrey madder, becoming orange-pink as the semi-double blooms develop. Its vigorous-branching growth, coupled with an extremely free-flowering habit, makes this an exceptionally fine bedding variety.... \& cts.

25 \& cts.

50 \& cts. <br>
\hline $\star$ Duchess of Wellington. (See cut.). \& Intense saffron-yellow stained with rich crimson, which, as the flower develops, becomes deep, coppery, saffron-yellow. The blooms are fairly full; petals large and of great substance. Free flowering and delightfully fragrant \& 30 \& 60 \& 90 <br>
\hline Irish Elegance. \& A single Rose, making exquisite buds suitable for buttonholes or indoor decoration. It is a prolific bloomer. The buds are iong-shaped and bronzy orange-scarlet, turning to apricot as the flower opens. (See cut on page 31.).. \& 25 \& 50. \& <br>
\hline pert. \& Delicate salmon-yellow, suffused with carmine. Buds long and delicately colored. A most beautiful Rose, especially in the bud or semi-expanded form. The heavy, shell-like petals are of unusual length. An exceptionally fine Rose for cutting and will keep for days. \& 25 \& 50 \& 75 <br>
\hline bier \& A grand everblooming Rose; color, lovely canary-yellow, with deep peachy red center, changing to creamy pink as the flower opens. It makes a neat, handsome bush, blooms all through the season; the flowers are large and double. \& 25 \& 50 \& 75 <br>
\hline Mrs. Aaron Ward... (See cut.) \& Fine Indian yellow, sometimes washed with salmon-rose. Flowers are full double and as attractive when full blown, as in the bud state. The young foliage is a rich bronzy green. \& 25 \& 50 \& <br>
\hline $\star$ Sunburst \& Orange-copper and golden yellow. A magnificent free-blooming variety, especially handsome in bud form. It does well under glass, forming its handsome flowers on single, strong stems, making it suitable for cutting. Sunburst is one of the most popular yellows grown. . . \& 30 \& 60 \& 90 <br>
\hline
\end{tabular}

## YELLOW AND COPPER SHADES

$\star$ Duchess of Welling-
ton. (See cut.).

Irish Elegance.
$\star$ Mme. Melanie Soupert.
$\star$ Mlle. Helena Gambier

Mrs. Aaron Ward (See cut.)
$\star$ Sunburst............

# AS A SAMPLE OF THEIR SIZE 

## This Picture Will Give You a Hint of the Hybrid Tea Roses

## On These Two and the Next Four Pages All Other Illustrations Show Form but Only About One-Quarter Size

Four Extra-
Choice
Hybrid Tea Roses
Are Offered
Below

You have been recommended to us by Ir. Boylin, of Lazoon Resort. Utah, as the Mr. Boyin, of Lagoon Resort, cial as the line.--J. G. Micdonald Chocolate Co. Salt Lake, Utah.

Dr. H. H. Johnson, of Macon, Ga., recommended your place to me. as the most reliable firm he had ever had dealings with, when buying flowers. - Mrs. L. W. G., Sycamore, Ga

$\star$ JONKHEER J. L. MOCK. The color is carmine on the outside, and imperial pink on the inside of the flower. The blooms are very large, perfectly formed, and highly perfumed. You should plant an entire Rose-bed of this one kind. 1-yr., 25 cts., postpaid; 2-yr., 50 cts.; Star size, 75 cts., by express.
\#DUCHESS OF WELLINGTON. The flowers are an intense saffron-yellow or orange-color; very attractive and without a rival in this class and color. I-yr., 30 cts., postpaid; 2 -yr., 60 cts . ; Star size, 90 cts ., by express.
$\star$ OPEELIA. Salmon-flesh color, shaded with rose. The blooms come on strong stems, and the perfectly formed flowers are very lasting when cut. A favorite with everyone who grows it and we commend it highly. 1 -yr., 30 cts., postpaid; 2 -yr., 60 cts.; Star size, 90 cts., by express.
$\star$ FRANCIS SCOTT KEY. A strong-growing, sturdy Rose of American origin, which has proved valuable for garden planting. Color is a deep, even red, and the flowers are large, very double, well formed, and of unusual substance. 1-yr., 3oc., postpaid; 2-yr., 6oc.; Star size, goc., by express.

OOFEER $\rightarrow 11$ One each of above 4, in 1 -yr. size, for $\$ 1$, postpaid; the 4 , in 2 -yr. size, for $\$ 2$, or, in Star size, for $\$ 3$, by express


Taft Roses (see page 13)
Other excellent kinds, but stock is limited SHADES OF PINK

Countess Clanwilliam. Peach-pink, flamed and heavily edged cherry-red. Gold Medal, N. R. S. I-yr., 30 cts., postpaid; 2 -yr., 75 cts., by express.
Countess of Shaftesbury. Silvery carmine, mottled shell-pink. Gold Medal, N. R. S.
Dean Hole. Carmine, shaded salmon. Quite distinct and very fine. Makes large buds and full, sweetscented flowers. Gold Medal, N. R. S.
Edgar M. Burnett. Flesh color and rose. Intensely sweet scented. Gold Medal, N. R. S.
Joseph Hill. Salmon and golden yellow. Outside of petals pinkish copper. I-yr. size only, 25 c., postpaid.
Lady Ursula. Rich flesh-pink. A free, continuous bloomer. Petals large, smooth, and round.
Mme. Jules Grolez. Rose and satiny pink. Makes a well-formed flower. Free bloomer; fine for massing.
Mme. Schwaller. Coral-pink, edged violet-rose. An excellent Rose, and a very free bloomer.
Marcella. Buds are buff, but flower opens salmonyellow. Extra large, well filled and very handsome. A fine show Rose. 2-yr. only, \$I, by express.
Max Hesdorffer. Deep, rich rose color, bordered silvery rose. A good, large, full flower.

PRICE. All in this column, except where noted, 1 -yr. size, $25 \mathrm{cts} .$, postpaid; 2-yr. size, $50 \mathrm{cts.g}$ by express.

## SHADES OF PINK

Countess of Gosford

Duchess of Albany.
Duchess of Sutherland, (New.).

Gainsborough $\star$ Jonkheer J. L. Mock. Killarney
$\star$ Killarney, Brilliant $\star$ Lady Alice Stanley.

Lady Ashtown.

Lady Pirrie.
La France. . .........
La France, Striped.
$\star$ La Tosca
$\star$ Los Angeles.

## Mme.Abel Chatenay

$\star$ Mme. Car. Testout.

Mme. Leon Pain
Mme. Maurice de Luze

Description
Salmon-pink, suffused saffron-yellow; an exceptionally fine Rose that has proved quite hardy in this latitude...
The Red La France. See description, page 20.

The color is certainly novel, being a delicate, warm rose-pink, with lemon shading on the white base.
Rosy flesh-color; large flower.
See illustration and description, page r .
See cut and description, page 20
See description, page 20.
Deep coral-rose; makes magnificent double blooms.
Soft solid carmine-pink. A splendid grower with long pointed buds; splendid for cutting.
Reddish salmon, petals apricot inside. Gold Medal, N.R.S. .
See description, page 20.
See description, page 20.
Soft pink, passing to tender rose; an exquisite flower; very strong grower.
Truly a magnificent Rose in vigor of growth, color, form, fragrance, and, in fact, in everything required of a firstclass Rose. The color is a luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals. The buds are long and pointed and they expand into an intensely fragrant, beautiful flower of large size. (See illustration, page 8.).
Rich golden pink, flushed fawn and orange. A good Rose; very free flowering
Large full flowers and handsome buds which resemble the famous La France Rose. Color is clear, rich pink, finely edged with silvery rose. In great demand for mass planting. (See cut below) Silvery salmon, center orange-yellow; large and full.

Superb. Very large; deep rose-pink, deep carmine center


Countess of Gosford


Mme. Caroline Testout Roses where everyone can enjoy them


Mrs. A. R. Waddell (see page 13)

EVERBLOOMING HYBRID TEA ROSES "How to Grow Rosea," Price, sl Tells How to Prune, Spray, etc.

SHADES OF PINK, continued

| Name |
| :--- |
| Mme. Segond Weber. <br> Mrs. A. R. Waddell |

Description
Salmon-flesh color; buds open deep pink. Attractively colored soft rosy salmon, suf-

Mrs. W. Christie Miller

My Maryland.
$\star$ Ophelia.

Panama...

Prince of Bulgaria
Queen Beatrice.
Radiance.

Souv. du Pres. Carnot

## $\star$ Taft Rose.

$\star$ Wellesley

William Shean.
Willowmere
fused with a golden sheen. Free-flowering and handsome when only half open. This is called the Pink American Beauty. Color is a lovely bright rose-pink, deeper toward the center. The bud is fully as large as Red American Beauty but somewhat more pointed.
Soft pearly blush color, shaded salmon. The flowers are large and remain on the bush a long time, thus making this an excellent bedding Rose.
Known to almost everyone as an excellent cut-flower. Color is salmon-pink which brightens as the flower expands. Very fragrant. ........ Extra 2 -yr., 75 cts... Salmon-flesh color, shaded with rose. The blooms come on strong stems, and the perfectly formed flowers are very lasting when cut. Highly commended.
Color is a dainty but rich peachy pink, with inside of petals creamy white. Shape is globular, like Mme. Caroline Testout. A good grower.:
Flowers very full; exquisite rosy fleshcolor. An excellent garden Rose.
Makes a large, charming flower, dark rose in color, shading to La France pink....
An ideal bedding variety of very free-flowering habit. Color, rosy carmine and soft pink. Makes large blooms. (See inside back cover).
Makes immense well-formed flowers. Color shell-pink tinted golden fawn..........
Rich salmon-pink, shaded yellow at the base. A most attractive flower.
Splendid for bedding as it is a continual bloomer. Color rose-pink and silvery rose. (See inside back cover).
An immense flower. Color dark pink with ochrey venation. (See cut)............
Rich shrimp-pink, shaded yellow in the center and toning to carmine-pink toward the edge of petals; very large, full flowers of elongated cup-shape. (See cut)

| PRICES |  |  |
| :---: | :---: | :---: |
| Post paid 1-yr. | By Express |  |
|  | 2-yr. | $\star$ |
| cts. | cts. $50$ | cts. |
| 25 | 50 |  |
| 30 | 60 |  |
| 25 | 50 |  |
| 25 | 50 |  |
| 30 | 60 | 90 |
| 30 | 60 |  |
| 25 | 50 |  |
| 25 | 50 |  |
| 25 | 50 | 75 |
| 25 | 50 |  |
| 25 | 50 | 75 |
| 25 | 50 | 75 |
| 25 | 50 |  |
| 25 | 50 |  |



Miss Cynthia Ford. Brilliant rose-pink, shaded light pink. 2 -yr. only, 60 cts., by express.
Mrs. Bertram J. Walker. Bright cerise-pink that does not fade. 2 -yr. only, 81.50 , by express.
Mrs. Bryce Allen. Carmine-rose. Has strong mossrose perfume. 2 -yr. only, $\$ 1.50$, by express.
Mrs. Forde. Carmine and rose-pink, with yellow at base of petals. 2 -yr. only, 50 cts., by express.
Mrs. George Gordon. Rose and silvery pink. Base of petals yellowish pink. 2 -yr. only, $\$ 1.50$, by express.
Mrs. George Shawyer. Brilliant rose-pink. An ex-tra-fine Rose produced on straight upright stems. I-yr., 30 cts., postpaid; 2 -yr., 60 cts., by express.
Mrs. R. D. McClure. Glistening salmon-pink. Gold Medal, N. R. S. 2-yr. only, $\$ 1$, by express.
Mrs. Robert Garrett. Shell-pink, passing to rich glowing rose and creamy yellow.
Mrs. Theodore Roosevelt. Cream with rose center.
Queen of Fragrance. Shell-pink, tipped with silvery
pink. A magnificent Rose. 2 -yr. only, $\$ 1$, by exp.
Renee Wilmart Urban. Salmon-flesh color with edges of petals tinted carmine.
Winnie Davis. Apricot-pink shading to flesh-pink.
PRICE. All in this column, except where noted, $1-\mathrm{yr}$. size, 25 cts. postpaid; $2-\mathrm{yr}$., 50 cts., by express.


Mrs. W. Christie Miller

C. \& J. Roses will produce inviting vistas like this for you also


William Shean



Laurent Carle. A grand red Rose
Other excellent kinds, but stock is limited RED SHADES - DARK AND LIGHT
Augustus Hartmann. Brilliant geranium-red, flushed with orange. I-yr., 50 cts., ppd.; 2-yr., §i, by express. Brilliant. An intense scarlet, the fiery brilliance being very noticeable. ${ }^{2-y r}$. only, Si, by express.
Cardinal. Deep rich crimson; very fine; in $I-y r$. onily. Defiance. A huge, rich red Rose of great substance; very fragrant. One of the finest lately produced.
Edith Part. Rich red, with a suffusion of deep salmon and coppery yellow. A choice variety.
Edward Mawley. An exceptionally dark velvety crimson; produces immense full flowers.
George C. Waud. Orange-vermilion; remarkably distinct and beautiful. I-yr. size only, 25 cts., postpaid. Hector MacKenzie. Deep rose, shaded carmine and crimson. Very large, full, globular flower.
H. E. Richardson. Deep rich crimson; large and beautifully formed. Gold Medal, N. R. 'S.
H. V. Machin. Intensely black-grained scarlet-crimson. I-yr. size, $30 c$., postpaid; 2 -yr., 60 c ., by express. King George V. Rich blackish crimson, with deep velvety violet flush. Flowers large and full.
Leslie Holland. Deep scarlet-crimson. Very brilliant Lieutenant Chaure. Velvety crimson. Cupped form. Louise Lilia. Dark blood-red and intensely fragrant. I-yr. size only, 25 cts., postpaid.
Mary, Countess of Ilchester. Very large flower: beautiful crimson-carmine. Free bloomer. Milady. Glowing crimson-scarlet, like General Jacqueminot rose. A magnificent nower
PRICE. All in this column, except where noted. $1-y r$. size, 25 cts., postpaid; $2-y r ., 50$ cts., by express.

RED SHADES-DARK AND LIGHT

| Name |
| :---: |
| Adrairal Ward (New). |
| $\star$ Chateau de Clos Vougeot. |
| $\star$ Ecarlate. |

Beautiful crimson-red, shaded with fiery red and velvety purple; large, full, globular flower with petals sometimes curled. Bud is blackish red and spherical in shape.

Velvety maroon, shaded with fiery red; a remarkable Rose. The darkest in this class. .
Medium-sized blooms of an intensely bril-
$\star$ Gen. MacArthur. (See inside back cover) *General-Superior Arnold Janssen.

George Dickson.

$\star$ Gruss an Teplitz. (See inside back cover) Hadley

Helen Gould

Hoosier Beauty

Irish Fireflame $\star$ Laurent Carle.
liant scarlet. Flowers continuously. This Rose produces more bloom in a season than any other in this class. Flowers are semi-double and have lovely bright golden anthers in the center. The best red bedding Rose in existence.
Intensely brilliant crimson. A very free bloomer, deliciously sweet-scented.
Deep crimson, passing to carmine. A good bedder; produces a magnificent flower.
Rich crimson-red flowers. Awarded Silver Medal at Hartford, Conn., 1914, by the American Rose Society.

| 2-yr. | $\star$ |
| :---: | :---: |

Color is rich, vinous crimson. Flowers are large, perfectly double and deliciously sweet; a remarkably free bloomer.....
A large, full flower with well-shaped buds; color is an exceptionally attractive, glowing crimson; sweetly scented.
See description, page 31...
Brilliant, velvety carmine. Flowers large, of perfect form and intensely fragrant.


Helen Gould


Every American city park should contain a Rose-garden

## RED SHADES-DARK AND LIGHT

| Name | Description |
| :---: | :---: |
| Magnafrano. | Color rich crimson-scarlet. An excellent variety; flowers extra-sized, delightfully sweet. |
| Meteor. | Rich, velvety crimson. Very vivid and striking. |
| Mevrouw Dora Van Tets. | Deep crimson with a velvety shading. Makes splendid long, pointed buds. Keeps well when cut. |
| Mrs. A. E. Coxhead | Claret-red, shaded vermilion; long, pointed buds.. |
| National Emblem | Color is a beautiful dark crimson, overlaid velvety crimson and shading to vermilion toward the edges. Flowers are quite full and every one comes perfect. |
| Red-Letter Day. | An exceedingly beautiful, semi-double Rose, of infinite grace and charm. Its velvety, brilliant, glowing scarlet-crimson buds and fully opened, cactus-like flowers never fade. |
| $\star$ Rhea Reid. | Splendid form; rich cherry-crimson. One of the most perfectly formed Roses; splendid for cutting.. |
| Richmond. | Bright, glowing crimson-scarlet. Produced on long stems suitable for cutting. |

## WHITE, CREAM AND TINTED

Bessie Brown.
$\star$ Col. R. S.Williamson
F. E. Coulthwaite..
$\star$ Kais. Aug. Victoria
Killarney, White.
La France, White. Natalie Bottner.

Rene Robbins

Pure white, flushed with pink. A beautiful Rose, producing full, perfect blooms, deliciously sweet scented.
Satiny white with deep blush center. Blooms very large. It responds quickly to care and cultivation. It is a heavy feeder and needs lots of fertilizer.
Deep cream, shaded bright rose on inside of petals. The blooms are large, full, and beautifully imbricated...
One of the finest. Pure white, shading to lemon. Fine for growing under glass. .

## See description, page 20.

See description, page 20
Very large, cream-white, fragrant flowers. A strong grower and blooms freely....
Color is tinted lemon, with orange center. The flowers are very large and fine..

| PRICES |  |  |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { Posi- } \\ & \text { paid } \\ & \text { 1-yr. } \end{aligned}$ | By Express |  |
|  | 2-yr | * |
| cts. | cts. | cts. |
| 25 | 50 |  |
| 25 | 50 |  |
| 30 | 60 |  |
| 25 | 50 |  |
|  | \$1 |  |
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| 25 | 50 50 |  |
|  | 5 |  |
| 25 | 50 |  |
| 25 | 50 |  |



Kaiserin Augusta Victoria
Other excellent kinds, but stock is limited RED SHADES-DARK AND LIGHT
Mrs. Charles Hunter. Rosy crimson, changing to mose. Does well under glass.
Mrs. Harvey Thomas. Carmine, shaded coppery red, base of petals yellow. I-yr. size only, 25 c ., ppd. Oliva. Flowers double, deep rose color.
Pernet's Triumph. Flashing carmine-red.
Princess Bonnie. Bright crimson, exquisitely shaded. Red Radiance. Clear red which does not fade. Makes a large, double bloom. 1 -yr, size only, 50 cts., ppd. Reine Marguerite d'ltalie. Bright carmine-red.
Souv. of Wootton. Beautiful, rich, velvety red.

## WHITE AND TINTED

British Queen. Buds tinted flesh; petals thin; open flower pure white. I-yr. only, 40 cts., postpaid. Clarice Goodacre. Chrome color on ivory-white. It has tangerine-orange perfume. 2 -yr. size only, $\$ 1$, by Ethel Malcolm. Ivory-white, shaded delicate peach. Florence Forrester. Clear snow-white, with a lemon tinge when opening.
Florence Pemberton. Creamy white, suffused pink. Mme. Jules Bouche. Creamy apricot, turning to Mme. Wuits Bouche. Creamy apricot, turni
pure white.
Mrs. Andrew Carnegie. Pure white, with an occasional bloom lemon-tinted. I-yr. size, 40 cts., ppd.; $\mathbf{M r s}^{2-\mathrm{yr}_{\mathrm{r}} .} 75 \mathrm{cts}$. by express.
Mrs. Harold Brocklebank. Cream-white, with buff center, outer petals tinted salmon.
PRICE. All in this column, except where noted, 1-yr. size, 25c., postpaid; 2-yr., 50c., by express.


Magnafrano


What fullness of joy in a garden like this!


Gruss an Teplitz (see page 14)


Mme. Camille

## EVERBLOOMING TEA ROSES

## ALL ARE DELICIOUSLY FRAGRANT

The Roses in this class are highly valued because of their fine colors and exquisite tea fragrance. They will bloom freely from June until November. If thoroughly established during the summer, they will, with few exceptions, prove hardy here with protection. We wish to remind our friends of the superior quality of these plants; they are not the small slips so often sent out, which have been forced under a high temperature in little "thumb pots" into a quick, unhealthy growth; but these plants are the product of years of experience and our own improved method of culture, insuring the greatest possible vitality and abundance of bloom. See pages 18 and 19 for other colors.

This page and pages 18 and 19 include our complete list of Tea Roses, arranged alphabetically in color groups. We believe that every Tea Rose most worth growing will be found in this list.


Helen Good

Other excellent kinds, but stock is limited

## SHADES OF RED

Corallina. Deep coral-red; large flower. Mme. Margottin. Citron-red, shaded apricot.
Papa Gontier. Free bloomer; rich rosy red. A splendid Rose with large well-formed flowers.
Princess de Sagan. Scarlet-crimson. $I-y r$. only. Rose d'Evian. Rose-red and silvery rose.

## SHADES OF PINK

Comtesse Riza du Parc. Coppery rose.
Letty Coles. Pink and crimson. $I-y \gamma$ only.
Mme. Lambard. Bright rose, variable in color. An excellent variety. ${ }^{Y-y r \text {. only. }}$
Mrs. Campbell Hall. Creamy buff and rose. I-yr. size. 35 cts., postpaid; 2 -yr., 70 cts., by express. Mrs. Hubert Taylor. Pink and ivory-white. Rainbow. Coral-pink, striped red. $I-y r$. only Sunrise. Peachy red, orange, and crimson. This Rose does especially well in the South.
Winter Gem. Lovely clear pink. A good house Rose.
PRICE. All in this column, except where noted, 1-yr. size, 20 cts., postpaid; 2-yr. size, 40 cts., by express.

$\star$ Mrs. B. R. Cant.

Bridesmaid.
$\star$ Duchesse de Brabant

Helen Good.
Mme. Camille.
$\star$ Wm. R. Smith.

I have no less than 50 Rose bushes growing most beautifully in my garden that were purchased from you. They have given perfect satisfaction. - R. A. H., Baton Rouge, La.
Baton Rouge, La.

SHADES OF RED

| SHADES OF RED |  |
| :---: | :---: |
| Name | Description |
| - Bon Silene.. | Noted for the great size and beauty of its buds. Color is bright, rich, rosy crimson. Splendid for bedding. |
| Freiherr von Marschall | Dark carmine; buds long and pointed; flowers large, full, and of perfect imbricated form; very fragrant. |
| $\star$ Mrs. B. R. Cant. | Color is clear, bright rose-red, elegantly shaded. This is one of the grandest Roses we offer. It has a splendid constitution and blooms unceasingly. (See inside back cover.) | buds. Color is bright, rich, rosy crimson. Splendid for bedding.

Dark carmine; buds long and pointed; flowers large, full, and of perfect imbricated form; very fragrant
Color is clear, bright rose-red, elegantly shaded. This is one of the grandest Roses we offer. It has a splendid constitution and blooms unceasingly. (See inside back cover.)

## SHADES OF PINK

Large; full; clear rose-pink. Blooms freely indoors. A notable cut-flower variety, and known to practically everyone who buys bouquets of Roses.
Clear pink; beautiful, free bloomer; makes splendid buds and large, double, fragrant flowers; excellent for bedding; a great favorite at the White House, Washington.
This Rose belongs to the famous Cochet family. The color is a delicate pink shaded deeper pink at edges. (See cut.) Clear rosy flesh, passing to salmon-pink; a magnificent Rose for outside planting, producing large blōoms freely. (See cut.)
A Rose of exceeding beauty, being creamcolor with soft pink shading, the base of the petals buff-yellow and the center a heart of pink. Makes exquisite buds and entirely double flowers. Splendid as a fall bloomer. .

| $\begin{aligned} & \begin{array}{l} \text { post- } \\ \text { paid } \\ \text { p-yr. } \end{array} \end{aligned}$ | By Express |  |
| :---: | :---: | :---: |
|  | 2-yr. | $\star$ |
| cts. | cts. | cts. |
| 20 | 40 | 65 |
| 25 | 50 |  |
| 25 | 50 | 75 |

20

## "HOW TO GROW ROSES"

Price, \$1, postpaid

## FOUR FAMOUS TEA ROSES

THE C. \& J. SET OF GREAT EVERBLOOMING COCHETS

$\star$ YELLOW MAMAN COCHET
(Alexander Hill Gray)
One of the best and largest pure yellow Tea Roses yet introduced, superb in every respect. Color is deep lemon-yellow, which intensifies as the blooms develop. This Rose has great substance and perfect formation. It has a high-pointed center, from which the petals gracefully reflex. A splendid autumn bloomer. Deliciously tea-scented. Price, I-yr. 25 cts., postpaid; $2-y r$. 50 cts ; Star size, 75 cts ., by exp.


Above 4 strong 1 -year plants for. . Above 4 excellent 2 -year plants for Above 4 in large $\star$ size plants for

85 cts., postpaid \$1.70, by express $\$ 2.50$ by express

These are among the very finest hardy everblooning Roses in cultivation. They stand at the head of the list, and are not surpassed by any others in beauty or productiveness, and no difference what other Roses you have, you want the Four Great Cochet Roses also. They should be included with every order.

## $\star$ PINK MAMAN COCHET

This superb Rose is well known as a queen among Roses, one of the best and most beautiful varieties ever grown, and quite hardy. The flowers are of enormous size, very full and of great depth and substance. Color rich coralpink, elegantly shaded with rosy crimson; has broad, thick, shell-like petals and makes superb, long-pointed buds; immense bloomer, and flowers the whole season. Deliciously sweet and a hardy, vigorous grower. It ranks among the very finest hardy everblooming Roses. Price, 1-yr., 25 cts., postpaid; 2-yr., 50 cts.; Star size, 75 cts., by express.

## $\star$ RED MAMAN COCHET

## (Mrs. B. R. Cant)

A most valuable hardy everblooming Rose. It is a healthy, vigorous grower, throwing up strong shoots and producing great masses of splendid Roses the whole growing season. Flowers are extra large, perfectly double and deliciously sweet. Color bright rosered, elegantly. shaded and exceedingly beautiful. Price, 1 -yr., 25 c ., postpaid; 2-yr., 50c. ; Star size, 75c., by express.

## $\star$ WHITE MAMAN COCHET

A splendid Rose; has all the good qualities of Pink Maman Cochet, but is pure snow-white, with outside petals tipped pink in the autumn; large and fragrant, hardy and productive. Price, I-yr., 25 cts., postpaid; 2 -yr., 50 cts.; Star size, 75 cts ., by express.

## PLEASE NOTE

The cuts on pages 16,18 , and 19 represent the form and not the size of the flowers shown.
$\qquad$


This little Miss enjoys Cochet Roses

## 



Miss Alice de Rothschild. The bush Marechal Niel
Other excellent kinds, but stock is limited APRICOT AND YELLOW SHADES
Coquette de Lyon. Lovely canary-yellow.
Isabella Sprunt. Bright canary-yellow. A lovely Rose. Lady Mary Corry. A profuse bloomer, bearing deep golden yellow flowers. $I$-yy, size only
Mme. Rene Gerard. Coppery yellow, passing to nasturtium-red; intensely fragrant. $1-y r$. size only Mme. Welche. Amber-yellow, deepening to coppery yellow clouded with rose ${ }^{1-y r}$. size only. Marquis de Querhoent. Golden yellow, copper salmon, and china-rose. Fine. r-yr. size, 25 cts. postpaid; 2-yr. size, 50 cts ., by express.
Perle des Jardins. Rich deep yellow. A great beauty Safrano. Bright apricot. A good Rose. r-yr. size 25 cts., postpaid; $2-y r$., 50 cts .; extra $2-\mathrm{yr}$., 75 cts . by express.
Souv. de Cath. Guillot. Orange-red. 1-yr. size only Sunset. Orange-yellow, shaded dark crimson
The Conard \& Jones Co. January 8, 1917. Gentlemen: I have bought from you several times in the past, with the greatest satisfaction, in fact I had the finest Roses in Highland Park and they were furnished by you.-F. B. W., Silverdale, Ann Arbor, Mich. PRICE. All in this column, except where noted, 1-yr. size, 20 cts., postpaid; 2 -yr. $40 \mathrm{cts} .$, by express.

## APRICOT AND YELLOW SHADES



Lady Roberts.

Mme. F. Kruger.
$\star$ Miss Alice de Rothschild.

## $\star$ Souv. de Pierre Notting.

## Description

Color is deep lemon-yellow which intensifies as the blooms develop. A perfectly formed flower with a high-pointed center, from which the petals gracefully reflex.
Pure citron-yellow, outer petals edged rose. Makes a large full flower of great substance. (See cut below.).
Clear, bright golden yellow; makes beautiful buds and is very double and sweet. A splendid yellow Rose for growing under glass. (See cut, page 19.)
A very fragrant Rose; color is deep sul-phur-yellow, with edges of petals lighter. It branches freely and blooms continuously.
Makes exquisite buds of deep apricot-yellow, shading to orange. Deliciously fragrant. A perfectly formed flower and free blooming. (See cut.)
Reddish apricot passing to deep coppery red, with orange shadings. A wonderfully free bloomer, with most exquisite buds and deliciously fragrant..
Deeply shaded coppery yellow flowers which bloom constantly. Especially suited for bedding or massing, as it makes a shapely, well-branched plant and most attractive flowers.

The bush Marechal Niel. The deep, rich citron-yellow buds and flowers are simply superb. The color intensifies as the blooms expand. The fragrance is similar to that of the magnificent Marechal Niel. Unusually fine. (See cut.) .

Rich, orange-yellow marked with carminerose. Blooms are large and well formed. A most excellent yellow variety. (See inside back cover.)

PRICES
$\qquad$


Lady Hillingdon


This was Miss Helen Gould's Rose-Garden


Blumenschmidt

WHITE AND TINTED SHADES


## IN STRESSFUL DAYS

It is good to know the wonderful power that flowers have over the spirits of men. If torn, worn, or weary, try Roses for refreshment. Roses carry many a message too subtle for lips to tell. Learn their language.
-R. P.


## Marie Guillot. Splendid for cut-flowers

Other excellent kinds, but stock is limated WHITE AND TINTED SHADES
Anna Oliver. Creamy blush, shaded carmine. A constant bloomer; large, full, and sweet. $I-y r$. only.
Cornelia Cook. Snowy white; large and full. This Rose is suitable for indoor growing.
Golden Gate. Cream, tinged yellow and rose. An exquisite Rose and a free bloomer. $I-y r$. only.
Mme. Joseph Schwartz. White, tinged yellow and rosy blush. Very full and deliciously sweet.
Mme. Olga. Cream-white, clouded carmine. A low, bushy grower and constant bloomer. $I-y r$. only.
Marie Guillot. A pure snowy white Rose with large, full flowers. Good for bedding, as it is always in bloom. (See cut.)
Marie Lambert. The flowers are extra large, very double and full, and deliciously tea-scented. Color, pale lemon-yellow, passing to rich, creamy white. t-yr. only.
Mrs. Foley Hobbs. Delicate ivory-white, faintly tinged clear pink on edge of petals. Blooms large and perfect. Deliciously tea-perfumed.
Sombrieul. Cream-white, tinged rose. Very large, full, and deliciously tea-perfumed.
The Queen. Snow-white. A constant bloomer, producing large, double fragrant flowers. $1-y r$. only.
PRICE. All in this column, except where noted, 1-yr. size, 20 cts., postpaid; 2-yr., 40 cts., by express.


Etoile de Lyon (page 18)


Mme. Camille (page 16). Beautiful on the lawn; just as fine in vases


Souv. de Pierre Notting (page I
$\star$ Orange Killarney (Duchess of Wellington). New. The range-color, very flowers are an intense saffron-yellow or orange-color; very attractive and without a rival in this class and color. I-yr., 30 cts., postpaid; 2 -yr., 60 cts.; Star size, 90 cts., by express.
$\star$ Killarney Brilliant. New. Flower is larger, more double and a more brilliant pink than the parent Killarney. It is also fragrant and blooms freely. A desirable addition to this famous family. I-yr., 30 cts ., postpaid; 2-yr., 60 cts .; Star size, 90 cts ., by express.
SOFFER> 20 One each of the above 4, in 1-yr. size, 90 cts., postpaid;
2-yr. size, the 4 for $\$ 1.80$. The Pink and White in Extra 2 -yr. and last 2 in Star size, the 4 for $\$ 2.75$, by express.

## "HOW

 TO GROW ROSES" 121 pages. 16 color plates. Price, $\$ 1$, ppd.
## C. \& J. LA FRANCE SET

La France. This is probably the most popular Rose in cultiLa France. vation. Both buds and flowers are of lovely form and grand size, exceedingly sweet; color peach-blossom-pink, elegantly clouded with rosy flesh. Begins to bloom while very small, and continues bearing until stopped by freezing weather. I yr., 25 cts., postpaid; 2 -yr., 50 cts., by express.
White La France. A seedling of La France; extra-large, full, Whte deep, pearly white flowers, delicately shaded with soft rose; exquisitely beautiful and delightfully fragrant. I-yr., 25 cts., postpaid; 2 -yr., 50 cts., by express.
Duchess of Albany (Red La France). Closely resembles La ( France, but much deeper in color; the flowers are very double and full and deliciously sweet; color lovely rosepink, very deep and exquisitely shaded. I-yr., 25 cts., postpaid; 2 -yr., 50 cts., by express.
The Striped La France. The flowers are distinctly striped with cts., postpaid; 2-yr., 50 cts., by express.

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## Rose Specialists

## HARDY POLYANTHA or POMPON ROSES

FOR PERMANENTLY EDGING WALKS OR FLOWER-BEDS


A solid bed of White Baby Ramblers is very effective

## STANDARD POLYANTHAS

ORLEANS ROSE. Brilliant geranium-red, suffused with rose, center white. Awarded a Gold Medal. I-yr., 25 cts ., postpaid; 2-y.r., 50 cts.: extra 2 -yr., 75 cts., by express.
BABY TAUSENDSCHON (Louise Walter). Identical in coloring to the popular Climbing Tausendschon. Flowers deep pink to white. I-yr., 25 cts., postpaid; 2 -yr., 50 cts., by express. CECILE BRUNNER. This Rose is known to many as Sweetheart. Perfectly double and delightfully fragrant; rosy pink on a rich, creamy white ground. I-yr., 25 cts ., postpaid; 2 -yr., 50 cts.; extra 2 -yr., 75 cts., by express.
ETOILE DE MAI (Star of May). Flowers orange, passing to canary-yellow. This is the best yellow Rose in its class. 1-yr., 25 cts., postpaid; $2-y \cdot \mathrm{r}$., 50 cts ., by express.
ERNA TESCHENDORFF. New. Flowers larger and darker than Red Baby Rambler; very free-flowering. I-yr., 25 cts ., postpaid; 2 -yr., 50 cts.; extra 2 -yr., 75 cts ., by express.
*TIP-TOP (Baby Doll). A novelty. Offered on page 31
LEONIE LAMESCH. An unusual Rose. Offered on page 31.

## TEA-POLYANTHAS (Large-Flowering)

In this class are different varieties of Polyanthas, such as the Baby Rambler types, the small-flowered or standard Polyanthas, and the large-flowering kinds, such as the famous, constant-blooming Clothilde Soupert, Marie Pavie and White Soupert. All are suitable for bordering paths where a continuous show of bloom is desired, but for edging flower-beds the bright-blooming, dwarf-growing Baby Rambler types are the most desirable.

## BABY RAMBLERS FOR BRIGHT EDGING

THEY BLOOM UNCEASINGLY AND NEED NO WINTER PROTECTION. SEE QUANTITY PRICES AT FOOT OF PAGE RED BABY RAMBLER (Mme. Norbert Levavasseur). Grows 18 to 24 inches. Flowers are borne in clusters of 20,30 , or more, resembling the Climbing Crimson Rambler. Always in bloom. I-yr., 25 cts., post paid; 2-yr., 50 cts.; extra $2-\mathrm{yr}$., 75 cts., by express.
PINK BABY RAMBLER (Baby Dorothy, or Mamar Levavasseur). Beautiful bright pink. 1-yr., 25 cts., postpaid; 2 -yr., 50 cts.; extra 2 -yr., 75 cts., by express. WHITE BABY RAMBLER. Each branch bears from 15 to 50 little creamy white flowers. I-yr., 25 cts., postpaid; 2-yr., 50 cts.; extra $2-\mathrm{yr}$., 75 cts., by express.
\&OFFRR $>21 \begin{aligned} & \text { The above three in } \\ & \text { 2-yr. size, } \$ 1.25 \text {, by } \\ & \text { express. size, }\end{aligned}, 60$ cts., postpaid; in

## NOVELTY POLYANTHAS

BETSY VAN NES. New. Pure bright red; flowers unusually large and double for this class. Awarded First-class Certificate, a "Great Gold Medal" and a Prix d"Honneur. I-yr., 25 cts., postpaid; 2 -yr., 50 cts., by express.
GEORGE ELGER. New. This Rose is known as the Yellow. Baby Rambler. Petite buds and blooms of real yellow. Come in great profusion the whole growing season. I-yr., 25 cts ., postpaid; 2-yr., 60 cts ., by express.
ECHO. New. A new soft tender pink variety of the style of Baby Tausendschon, but more vigorous. It often grows $21 / 2$ feet high, is well branched, and forms enormous trusses of flowers. 1-yr., 30 cts ., postpaid; 2-yr., 60 cts ., by express.
ELLEN POULSEN. Dark, brilliant pink; large, full; sweetscented; vigorous, bushy habit, most floriferous; very fine. 1-yr., 25 cts., postpaid; 2 -yr., 50 cts., by express.

CLO'TILDE SOUPERT. Very double and deliciously sweet: beautiful creamy white, deepening at center to a clear, bright pink. 1-yr., $20 \mathrm{cts} .$, post paid; 2-yr., 40 cts .; extra 2 -yr., 65 cts., by express.
$\star$ GRUSS AN AACHEN. The petals shade from delicate flesh-pink and yellow on the outside to deep salmon-pink in the center of the flower. I-yr., 25 cts., postpaid; 2-yr., 50 cts. Star size, 75 cts., by express.
Marie pavie. The unsurpassed Bush Cemetery Rose. Blooms unceasingly all season. White, with delicate rose center. I-yr., 25 cts. postpaid; $2-\mathrm{yr}$., 50 c .; extra $2-\mathrm{yr}$., 75 c ., by exp. WHITE SOUPERT (Schneekopf). Waxy white. 2-yr. only, 50 cts., by express.
SNOWSTORM. White. 2-yr. only, $50 c$., by exp. _ÖDHÄTTE. Rosy red. $2-y r$. only, $50 c$., by exp. DOZEN RATES FOR ROSES ON THIS PAGE. 25-ct. size, $\$ 2.50$ per doz., postpaid; 50-ct. size, $\$ 5$ per doz., by express.


Cecile Brunner Roses-a dozen in 1-year size for $\$ 2$ : will bloom all summer

## 3 CHOICE ROSE FAMILIES-CONSTANT-BLOOMING



The Constant-blooming Rose, Birdie Blye

We have here Roses that no real Rose-lover can afford to miss; some of them are particularly famous for the large size, beauty and brilliant color of blossoms. They bloom freely, flowering not only once, but all summer through. They are moderately hardy, and if protected should live out over winter in this latitude. They like rich soil and when pruned they should be well thinned out and the shoots left for flowering, only shortened slightly. Cut all the blossoms you wish; such treatment is good for the plants and encourages more bloom and the blooms keep for days when cut.

## FREE-FLOWERING BOURBON ROSES

*BEAUTY OF ROSEMAWR. Makes a strong, handsome bush, and blooms all the time; the flowers are large, delightfully fragrant and perfectly double, with fine, overlapping petals and raised center; color a lovely shade of rich carmine-rose, finely veined with creamy white. A splendid garden Rose. Introduced by C. \& J. Co. I-yr., 20 cts., postpaid; 2 -yr., 40 cts. ; Star size, 65 cts., by express. (See cut.)
Gentlemen:--Several years ago I sent to you for some Roses, and one of them has grown six or more feet tall, and the rosy pink Roses are the envy of all who see them. It was called the Beauty of Rosemawr.-Respectfully, Mrs. C. C. R., Clarksburg, BURBANK. One of Luther Burbank's productions and an excellent Rose. Flowers 3 to $31 / 2$ inches across, double and sweet; bright rose-pink, shading to silver-rose. Much like Beauty of Rosemawr. I-yr., 20 cts., postpaid; 2 -yr., 40 cts.: extra 2 -yr., 65 c ., by express.
CHAMPION OF THE WORLD (Mrs. DeGraw). The color is rich, rosy pink; the flowers are large, full and double, deliciously sweet, and produced abundantly throughout the growing season. i-yr., 20 cts., postpaid; 2 -yr., 40 cts., extra 2 -yr., 65 cts., by express.
SOUVENIR DE LA MALMAISON (Queen of Beauty and Fragrance). The color is lovely, creamy flesh with rose center, elegantly shaded. The flowers are large, perfectly double and deliciously sweet. I-yr., 25 cts., postpaid; 2 -yr., 50 cts., by express.
*MME. EUGENE MARLITT. One of the most fragrant, vigor-ous-growing, abundant-blooming Roses we know. Color is rich carmine-red, and the flowers are large, full and double. (See this in color on inside back cover.) I-yr., 25 cts., postpaid; 2 -yr., 50 cts . Star size, 75 cts ., by express.
SANTA ROSA. Color is rosy pink, shading to deeper pink. Flowers are full and sweet. I-yr. size only, 25 cts ., postpaid.

## COUSIN OF THE CHINA FAMILY

BIRDIE BLYE. Makes a splendid bush, 3 to 4 feet in height, and blooms constantly from early June till freezing weather, producing at the end of every shoot clusters of bright, satiny rose blossoms, quite double, fragrant, and over 3 inches in diameter. The buds are long and pointed and in color a bright carmine until they open. It is exceedingly hardy and may be planted almost anywhere in the temperate zone. I-yr., 25 cts ., postpaid; 2 -yr., 50 cts ., by express.
The Birdie Blye Rose which I got from you in the spring had 52 buds on it at one time. It is a perfect Rose.-F. H., Springfield, Ohio.
I am glad to get some Birdie Blye. There is not another Climbing Rose known that is such a persistent bloomer, at least in New England climate.-A. J. F., New Bedford, Mass. October 24. 1917.

## CHINA ROSES-3 Varieties

„HERMOSA. Blooms in clusters all season; clear, bright pink; very double and fragrant; quite hardy. One of the best-known and most popular pink Roses. I-yr., 20c., postpaid; 2-yr., 40c.; Star size, 65c., by express. QUEEN'S SCARLET. Rich, velvety scarlet; very bright and handsome; strong, I-yr., 20 cts ., postpaid; 2 -yr., 40 cts., by express.
VIRIDIFLORA (The Green Rose). See page 3I.

## BENGAL ROSES-3 Varieties

Price, 1 -yr., 20 cts. each, postpaid;
ARCHDUKE CHARLES. Rich, bright red; full and double; entirely hardy, excellent for open-ground planting.
LUCULLUS (Red Pet). The "Black Rose." Splendid rich crimson, full and double. Flowers medium size.
MADDALENA SCALARANDIS. Dark, rich rose on deep yellow ground, flamed scarlet and crimson; most brilliant, with curious banana fragrance.


## CLIMBING TEA ROSES-EVERBLOOMING

CLIMBING BRIDESMAID. This is a sport of the Bridesmaid Rose, which is known to practically everyone, as it is grown in great quantities by florists for cut-flowers. Climbing Bridesmaid has the same beautiful flower as the bush plant. The color is clear rose-pink, with crimson shading, and this Rose is deliciously sweet-scented. It is a vigorous climber and very satisfactory: I-yr., 20 cts., postpaid; 2-yT., to cts., by express.
CLIMBING DEVONIENSIS (also called "The Magnolia Rose"). A vigorous climbing type of this lovely old favorite, producing large, creamy white flowers, with rich rose centers. The blooms are freely produced, are very double, and delightfully sweet. This Rose does especially well in the South. I-yr., 20 cts., postpaid; 2 -yr., fo cts., by express.
*CLIMBING WHITE MAMAN COCHET. Anyone who has grown Cochet Roses will appreciate having these beauties in climbing form. Climbing White Maman Cochet is among the freest blooming of the Climbing Teas and forms its beautiful flowers on strong stems. The canes are vigorous in growth, foliage excellent, and bloom perfect. Before opening, the outside petals are tinted pink, but the flower when full is pure white, very double, and deliciously sweet. This is truly a queen among Roses and, as it is easily grown, like all the Cochet class, a place should be found for it in every collection of climbers. I-yr., 25 cts., postpaid; $2-\mathrm{yr}$., 50 cts ; Star size, 75 cts., by express.

MME. DRIOUT (Striped Reine Marie Henriette). A sport from Reine Marie Henriette and has the same form and vigor of growth as the mother Rose, while the flowers are beautifully striped, flamed and shaded with deep carmine over pale rose, and the markings are very regular and striking. It blooms incessantly all summer with immense flowers which are particularly striking on account of the unique striping. A rapid grower, making canes 8 to 10 feet long in a season, each cane making many branches, each of which has a cluster of splendid flowers in June. The plant is never without blooms all season. I-yr., 25 cts., postpaid; $2-\mathrm{yr} ., 50 \mathrm{cts}$. by express.
MME. JULES GRAVEREAUX. Extra good. Long, pointed buds and extra-large double flowers of pinkish yellow with rosy peach center. The flowers are so large they look like peonies growing on Rose bushes. Grows about 7 feet high and blooms freely until stopped by freezing weather. We consider this about the grandest Rose in this everblooming climbing class and recommend it highly. I -yr., 25 cts., ppd.; 2-yr., 50 cts., by express.

## 4 OTHERS IN THIS CLASS

GLOIRE DE DIJON. Amber and pale blush color. A glorious Rose. 2-yr. size only, 50 cts., by express.
MME. WAGRAM. Satiny rose. I-yr. 25 c ., ppd.; 2 -yr., $50 c$., by exp. PILLAR OF GOLD. Large flowers, pinkish yellow. A very free bloomer. I-yr. size only, 25 cts., postpaid.
CLIMBING PINK MAMAN COCHET. See page 25
: OFFER $>23$ The 5 first-named varieties, in 1 -yr. size, for $\$ 1$, postpaid; in 2 -yr. size, the 5 for $\$ 2$, by express


Most of these bloom in clusters. They are all sweet-scented and do best when in very sheltered locations, where they will not get injured by frost. MARECHAL NIEL. There is an unceasing demand for this, the most magnificent of all yellow everblooming climbing Roses, which produces a mass of deliciously fragrant, fully double, golden yellow blooms that fairly cover a well-established plant, and from one bush hundreds of flowers can be cut at one time for house decoration. (See illustration.) A vase of these flowers will perfume a whole house. I-yr., 25c., postpaid; 2 -yr., 50 c ., by exp. Note.-Marechal Niel can be grown north of Washington in the open only at the risk of being winter-killed, but under glass is usually very satisfactory and blooms abundantly. Northern customers should plant "Hardy Marechal Niel" (Gardenia) offered on page 26. Mrs. J. M. B., Demorest, Ga., writes: "I had a lovely Marechal Niel Rose, a few, years ago, from which I cut, at one cutting, two hundred Roses and half-open buds." MME. ALFRED CARRIERE (Climbing). Large, full flowers, double and sweet; color is creamy white, tinged with pale yellow. I-yr., 25 cts., postpaid; 2 -yr., 50 cts.; extra 2 -yr., 75 cts., by exp.
WILLIAM ALLEN RICHARDSON. Large, full flowers of coppery yellow, tinged with carmine; has a delicious fragrance. It produces its flowers very freely, and on account of its unique color is greatly admired. I-yr., 25 cts., postpaid; 2-yr., 50 cts., by express.

## 6 OTHERS IN THIS CLASS

## GOLDEN RAMBLER (Alister Stella Gray). See page 25.

Golden Rambler (Alister Stella Gray) bloomed all summer. It is the loveliest of all Roses. I saw at one time 125 blossoms and today have 40 or 50 . Mrs. M. A. T. Lincoln, Neb.
CLOTH OF GOLD (Chromatella). Bright yellow. I-yr. size, 25 c., postpaid; 2 -yr. size, 50 cts., by express.
ISABELLA GRAX. Pale yellow. I-yr. size only, 25 cts ., postpaid.
LAMARQUE. Pale canary-yellow. I-yr. size only, $25 \mathrm{cts}$. , ppd.
REVE D'OR (Dream of Gold). Deep yellow. I-yr. size, 25 cts., postpaid; 2-yr., 50 cts., by express.
SOLFATERRE. Sulphur-yellow. I-yr. only, 25 cts., postpaid.

## HARDY EVERBLOOMING CLIMBING ROSES



| CLIMBING HYBRID TEAS |  | $\begin{gathered} \text { Post- } \\ \text { paid } \\ 1-\mathrm{yr} . \end{gathered}$ | By Express |  |
| :---: | :---: | :---: | :---: | :---: |
| NAME | DESCRIPTION |  | 2-yr. | $\star$ |
| Carmine Pillar | (Panl's.) Makes clusters of large, single flowers on vigorous-growing canes. The blooms are a glistening rosy carmine with a white eye. A unique variety..... | cts. | cts. | cts. |
| Cl. La France | A climbing form of this world-famous Rose. Color is fine peach-blossom-pink. A Rose of unusual merit... | 25 | 50 |  |
| $\star$ Cl. Gruss an Teplitz. | See offer on page 25 | 25 | 50 | 75 |
| Cl. Mme. C. Testout. . | The blooms are very large and of globular form. Color is clear rich pink finely edged with silvery rose ...... . | 25 | 50 |  |
| Cl. Meteor | Makes exquisite buds and beautifully formed flowers. The color is darker red than General Jacqueminot . | 25 | 50 |  |
| Mrs. Robert Peary. (Climbing Kaiserin Augusta Victoria) | This is the climbing form of the splendid Rose. Kaiserin Augusta Victoria, and it produces most exquisite flowers of rich cream-white, delicately tinted lemon. It grows to a height of 5 to 7 feet. | 25 | 50 |  |
| Reine Marie Henriette | A magnificent bright cherry-red; extra-large full flowers, very double and fragrant; quite hardy when given a sheltered position. $\qquad$ | 25 | 50 |  |
| Cl. Souv. of Wootton. . | One of the most beautiful. Pure rich velvety red flowers of large size and delightfully fragrant. Plant in a sheltered place, with southern aspect.. .Ex. 2-yr., 75 cts. | 25 | 50 |  |
| \$Cl. White Killarney | Same as the beautiful White Killarney, but in climbing form. Blooms are exceptionally fine. | 25 | 50 | 75 |
| CLIMBING POLYANTHAS |  |  |  |  |
| Cl. Cecile Brunner | Small double flowers which come in beautiful sprays making them excellent for cutting. They keep for several days and are very decorative. Color is rich rosy pink on a creamy white ground. | 25 | 50 |  |
| Cl. Clotilde Soupert. | Rich creamy white, generally tinted in the center with blush-pink. Flowers very double. | 25 | 50 |  |
| Cl. Mosella . . . . | A sport of the bush Mosella. Flowers are creamy buffcolor and freely produced. | 25 | 50 |  |
| $\star$ Cl. Orleans (New) | See offer on page 25 ........................... | 50 | \$ 1 | \$1.5 |
| CLIMBING BENGALS |  |  |  |  |
| Empress of China James Sprunt. | Fragrant rich red flowers which shade to cherry-pink. A most satisfactory climber. <br> Deep cherry-red flowers, rich and velvety. Medium size. full and sweet. | \|l 25 | 50 50 |  |

## 20FFER $>24$

Any 4 of the above 25 -ct. Roses in $1-y r$. size for 90 cts., postpaid; in $2-\mathrm{yr}$. size, any 450 -ct. kinds for $\$ 1.75$, by express.

## HARDY EVERBLOOMING CLIMBING ROSES



[^1]:AFFER $>25 \begin{aligned} & \text { Above } 5 \text { in 1-yr. size } \\ & \text { Abve } 5 \text { in 2-yr. size }\end{aligned}$
$\qquad$ Postpaid, $\$ 1.25$
By éxpress, $\$ 2.50$
By express, $\$ 3.25$
Plant Everblooming Climbing Roses now and make your porch a Rose-bower like this.

# our RAMBLER ROSES for the FAMOUS 

# FOUR COLORS—PINK, RED, WHITE AND YELLOW. 

## *DOROTHY PERKINS

## Pink

Grows 10 to 15 feet in a season. Flowers are perfectly double, with petals crinkled, and color is a clear shell-pink; borne in immense clusters that cover the bush for several weeks in the spring. (See cut.) Price, I-yr., 20 cts., postpaid; 2-yr., 50 cts.; Star size, 75 cts.; extra-large size, $\$ \mathbf{1}$, by express.

## $\star$ RED DOROTHY PERKINS EXCELSA

The color is an intense, clear carminelake, a rich contrast to Pink Dorothy Perkins. Flowers are large and double, produced thirty to forty on a stem, and almost every eye on a shoot produces a cluster of bright blossoms. Price, i-yr., 25 cts., postpaid; 2-yr., 50 cts.; Star size, 75 cts.; extralarge size, $\$_{1}$, by express.

## You Surely Have a Place

 for Some of These Perfectly Hardy Climbing Roses!you can use them on PORCHES ARBORS ARCHES
PERGOLAS
CLOTHES-POSTS, and OLD STUMPS OF TREES

Grow them on walls to hide unsightly buildings, on tops of banks to hang over the retaining walls; use them in tree-form and have one at every fence-post around your place.
If you need more than four kinds, select from the next two pages.

Note the beauties on the back cover page. They will grow like that for you.

## HARDY EVERYWHERE <br> * WHITE DOROTHY

A pure white sport of the well-known Dorothy Perkins, of same habit of growth and freedom of flowering; a splendid companion for the pink variety, as it flowers at the same time. A most valuable addition to this class. Awarded Gold Medal, National Rose Society, and Award of Merit, Temple Show, England. Price, I-yr., 20 cts., postpaid; 2-yr., 50 cts.; Star size, 75 cts.; extra-large size, $\$$ I, by express.

## $\star$ GARDENIA (Hardy Marechal Niel)

## Yellow

Deep, rich golden yellow flowers, passing to creamy white. Blooms profusely and is as hardy as an oak. Price, I -yr., 25 cts., postpaid; $2-y r ., 50 \mathrm{cts} . ;$ Star size, 75 cts.; extra-large size, \$1, by express.

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&OFFER> 26
```

The above 4 excellent Hardy Climbers, $1-y r$. size The above 4 excellent Hardy Climbers, 2 -yr. size The above 4 excellent Hardy Climbers, Star-size The above 4 excellent Hardy Climbers, extra-large size.

75 cts., postpaid $\$ 1.75$, by express $\$ 2.75$, by express $\$ 3.75$, by express

These Roses need no protection; they are hardy everywhere that Roses can be grown


Dorothy Perkins Rose at "Dreamwold," on the estate of Thos. W. Lawson in New England

## FREE-FLOWERING HARDY CLIMBERS



This Is The New Hardy Climbing Rose "AUNT HARRIET"
Introduced this year for the first. See description below


## WICHURAIANA HYBRIDS - LARGE-FLOWERED

$\star$ AUNT HARRIET. New. Originated by the Ppd. By express famous rose-hybridizer, Dr. W. Van Fleet, and introduced 1918 by Farm Journal, of Philadelphia. For porches, arbors, and arches this Rose will prove immensely popular, as it is among the finest of recent introductions in this hardy climbing class. It is a cross between Appoline and Wichuraiana. The wonderfully brilliant coloring and free-flowering habit of Appoline is retained and also the dark shiny foliage and perfect hardiness of Wichuraiana. In full bloom it is amazingly fine with its masses of dazzling scarletcrimson Roses loading every branch. The bright effect is intensified by the pure white centers and brilliant golden anthers which shine out when the flowers are fully open.
$\star$ CHRISTINE WRIGHT. New. Bright, clear wild-rose-pink flowers, 3 to 4 inches in diam eter, double, borne singly and in clusters; beautiful in bud and lasts for days.
$\star$ CLIMBING AMERICAN BEAUTY. Color deep pink to crimson. Large, beautiful and fragrant. See back cover.
$\star$ DR. W. VAN FLEET. The leader in this class and color. A mass of exquisite buds, opening a rich flesh-color. ....Ex. size, $\$_{1}$
Or. W. Van Fleet was crowned with such a weal of beautiful buds and Roses that it created a sensation in this neighborhood and your description of this Rose is exceedingly modest to say the least. - M. B. Mishey.
$\star$ MARY LOVETT. Similar to the Dr. IW. Van Fleet Rose, but this variety is pearly white. The originator, Dr. W. Van Fleet, said: "I consider this as altogether the best that has been produced.'

Extra 2-yr. size, \$I.
MAY QUEEN. Double Roses of clear, bright pink, and deliciously sweet-scented. It blooms tremendously..Extra $2-y r$. size, 75 .
$\qquad$
$\star$ AMERICAN PILLAR. The most popular istence. See illustration in color on back cover and full description on page 80.
$\star$ MISS MESSMAN. The hardy climbing Crimson Baby Rambler. Produces bloom all the growing season

- PHILADELPHIA. A. Splendid flowers, $21 / 2$ inches across and perfectly double; color pure, deep, rich crimson, more intense than the old Crimson Rambler.
$\star$ THOUSAND BEAUTIES (Tausendschon) Colors of every imaginable shade from pure white to deep pink. It is almost thornless, making it especially suitable for porch and arch decoration.
WE OFFER, ALSO, THESE 7 EXCELLENT VARIETIES
America. Single flowered, delicate pink.
Count Zeppelin. Similar to Thousand Beauties, but a brighter pink.
Crimson Rambler. The old favorite.
Flower of Fairfield. Crimson.
Veilchenblau (The Blue Rose). Metallic blue.
Wartburg. Carminerose.
Yellow Rambler. Deep golden yellow. Price, strong, 2-yr.,
field-grown plants, 50 c .
each, $\$ 5$ per doz., by exp.


A 2-yr. size Hardy Climbing Rose, growing on an easily made artistic rustic arbor

## HARDY MEMORIAL OR WICHURAIANA ROSES



Sun-dial and archway beautified
SHOWER OF GOLD. A very vigorous grower with deep golden yellow and orange flowers borne in fine trusses. It produces a mass of bloom and the Wichuraiana foliage is beautiful in form, in color, and in its high metallic luster. Fragrant and fine every way.
$\star$ SILVER MOON. Brilliant silvery white with a mass of golden yellow stamens in center. Flowers are single, extra large and freely produced.
UNIVERSAL FAVORITE. Double Pink Memorial. Perfectly double flowers of medium size. Color a clear bright pink.
WICHMOSS. The Climbing Moss Rose. New. See page 30.................extra $2-$ yr., 75c...
七WICHURAIANA. - The Hardy Single White Memorial Rose. Will grow in sun or shade, poor ground or rich. Makes a beautiful display of blossoms, single and very large (often 5 or 6 in . around), pure satiny white with bright golden stamens in center. See cut
ڤWICHURAIANA VARIEGATED. New. See page 31

## WILL BLOOM LUXURIANTLY IN O $j$ R COLDEST CLIMATE

They will climb when trained, and the kinds marked ocreep along the ground as closely as an ivy and make a dense mat of shiny, dark green foliage. The leaves are of leathery texture, practically insect-proof, and remain green on the plants nearly all winter. They bloom in profusion during June and July, and the single ones bear red berries in the autumn. Entirely hardy, and when once planted take care of themselves. They are excellent for training over graves (hence called Memorial Roses) or over rough ground, rocks, stumps, or banks.
$\star$ EVANGELINE. - Single flowers 2 inches in diameter. Color white with tips of petals pink; deliciously fragrant. This is one of the most delicately colored Roses we know. It has the true Wichuraiana habit and makes a mat of canes and foliage close to the ground. Excellent for embankments.
$\star$ HIAWATHA. Bears large clusters of single flowers of intense deep crimson with the petals shading to pure white at the base; bright, effective, and useful for planting in masses..
MRS. M. H. WALSH. - Flowers pure snow-white and perfectly double, borne in great profusion. Foliage is large and glossy green all summer. For covering banks it is superb, as it grows flat to the ground. I-yr. only.
PROF.C.S. SARGENT. A beautiful Rose of delicate buff with center of deep golden yellow; flowers are very double, are borne in large clusters, and are $21 / 2$ inches in diameter; delightfully fragrant. extra $2-\mathrm{yr}$., 75 c .

| $\left\lvert\, \begin{aligned} & \text { Post- } \\ & \text { paid } \\ & \mathbf{x}-\mathrm{yr} . \end{aligned}\right.$ | By express |  |
| :---: | :---: | :---: |
|  | 2-yr. | $\star$ size |
| cts. | cts. | cts. |
| 25 | 50 | 75 |
| 20 | 50 | 75 |
| 35 |  |  |
| 25 | 50 |  |


| Post-1 <br> paid <br> r-yr. | $\frac{\text { By express }}{\text { cts. }}$ | $\frac{2-\mathrm{yr}}{\text { cts. }}$ |
| :---: | :---: | :---: |$| \frac{\hbar \text { tsize }}{\text { cts. }}$

## We offer, also, these 14

 excellent varietiesPrice, 2-yr., 50c., by express Alba Rubrifolia. White. AviateurBleriot. Copper. I yr. only, 25 cts. ppd. Casimir Moulle. Rose. Coronation. Pink.
Daybreak. Yellowish pink Dorothy Dennison. Pink.
Farquhar. Pink.
Juanita. Cherry-red.
Lady Duncan. Blush.
Lady Gay. Cherry-pink.
Longwood. Light pink.
Minnehaha. Pink.
Ruby Queen. Red.
Sweetheart. ${ }^{-}$Pink.
Write for quantity prices.
Rose Specialists
Railroad companies use Wichuraianas for maintaining embankments
Wichuraiana Roses

$\star$ SIR THOMAS LIPTON (White Century). We consider this, without exception, the best double white Rose in its class; beautiful in foliage, early and constant in bloom, of most vigorous habit, ironclad constitution, producing a bush 5 or 6 feet high, and as great in diameter. The original bush on our grounds was usually in bloom from the third week in May until November. (See cut.) Price, I-yr., 25 cts., postpaid; 2 -yr., 50 cts ; Star size, 75 cts., by express.
ROSERAIE DE L'HAY. New. Distinctly meritorious; produces an intense and exquisite perfume, because of which it is used to make the attar of roses. (See page Ioz in "How to Grow Roses.") Flowers bright red, and a very free bloomer. Price, 2 -yr. size only, $50 c$., by exp.
rids seem just suited for our North American climates, as they are so tough and hardy. They make dense, sturdy, compact bushes, 6 to 9 feet high, according to variety, and are very ornamental. Their dark, rich, leathery foliage is oddly wrinkled, shiny and remarkably free from insect pests. Some bloom all summer, others but once, but are followed in the autumn with a profusion of beautiful orange-red or crimson fruits. See the illustration in color in our $\$_{I}$ Rose Book. The plants are hardy as oaks, and do well in the most trying placesseashore, mountains, or anywhere. On account of the shapeliness of their growth, these Roses are especially valuable for use as lawn specimens. Being well branched and very symmetrical, they make splendid hedges, having in their favor hardiness and freedom from insects and disease. The thorny nature of the plants helps to make a hedge almost impenetrable. We offer only the choicest varieties.

ALICE ALDRICE. We consider this a remarkably fine bush Rose for garden planting. It has lovely buds and its large, double flowers of clear, bright pink are borne at intervals during the whole growing season; very sweet and beautiful. It possesses all the excellent qualities of the Rugosa class. Price I-yr., 25 cts., postpaid; 2 -yr., 50 cts .; extra 2-yr., 75 cts ., by exp.
$\star$ CONRAD F. MEYER. (The New Tea Rugosa.) Splendid, large, elegantly formed buds and flowers, $31 / 2$ to 4 inches across and perfectly double. Color is clear silvery rose; very attractive; intensely fragrant; hardy and a very vigorous grower. Price, I-yr., 25 c., ppd.; 2-yr., 60c.; Star size, $\$$ I, by $\exp$. (See cut below.) The Conard \& Jones Co.

Mt. Joy, Pa. Gentlemen: Of the 125 or more different varieties of Roses procured from your company, there is one which demands especial attention and admiration. I refer to the Tea Rugosa Rose, Conrad $F$. Meyer. This wonderful Rose has been in my possession for five years; is fully 8 feet high and about the same in circumference. We have cut several hundred perfectly formed buds and full-grown flowers of immense
size from the bush and about roo blooms remain .....-Yours truly, M. B. M.
size from the bush and about roo blooms remain ......-Yours truly, M. B. M.
NOVA ZEMBLA. New. Very fine. The flowers are large and double. Pure white, with a pleasing flush of pink. A sport from Conrad F. Meyer. Price, I-yr., 25c., postpaid; 2-yr., 50c., by exp.
$\star$ NEW CENTURY. (Double Pink.) The result of a cross between the lovely everblooming Rose, Clothilde Soupert, and the hardy Rosa rugosa alba. The flowers are 3 to 4 inches across, perfectly full and double. The color is clear flesh-pink with light red center, and having all the petals widely bordered with fine creamy white; it is very sweet and has the delightful fragrance of the wild Rose or sweetbrier. Price, I-yr., 25 cts., postpaid; 2 -yr., 50 cts.; Star size, 75 cts ., by express.

| For Hedges, |
| :---: |
| Plant |
| Rugosas 18 |
| to 24 inches |
| apart. For |
| quantity rates |
| see foot of |
| page 5 |

## For Hedges

 PlantRugosas 18 to 24 inches quantity rates ee foot of page 5
 criosa nubra. Another from Japan. Flowers a beautifu, bright rosy ingly ornamental. Price, I-yr., 20 cts., postpaid; 2 -yr., 40 cts., by exp.


## TRUE ENGLISH SWEETBRIAR

## (Rosa rubiginosa)

This is the true Eglantine, and highly valued for the delightful fragrance of its young foliage as well as its pretty pink flowers. Entirely hardy and splendid for hedges. 2 yr., 40 c . ; extra 2 -yr., 75 c ., by exp. attractive.

A bush of Harison's Yellow with its bright golden blossoms


Rose Specialists

## WICHMOSS-The Climbing Moss Rose -New

A real Climbing Moss Rose. Flower is semi-double; color pink, with reverse of petals darker pink. Very hardy. 1 -yr., 25 cts., postpaid; 2 -yr., 50 cts., extra 2 -yr., 75 cts., by express.

## BEAUTIFUL HARDY MOSS ROSES

$\star$ BLANCHE MOREAU. Pure white; large and full. The buds and flowers are furnished with a deep green moss. I-yr., 30 cts., postpaid; 2 -yr., 60 cts.; Star size, 90 cts., by exp. CRESTED MOSS. Pink; beautifully mossed. $2-y \mathrm{y}$. only, 6 oc., by express. GLORY OF MOSSES. Blush-color; very large and full. One of the best. I-yr., 30 cts., postpaid; 2 -yr., 60 cts ., by express.
$\star$ HENRY MARTIN. Medium-sized flowers; bright rosy red; free bloomer. I-yr., 30 cts., postpaid; 2-yr., 60 cts.; Star size, 90 cts., by express.
MOUSSELINE. Large and very full; double and fragrant; pure white. I-yr., 30 cts., postpaid; $2-\mathrm{yr}$., 60 cts., by express.
PRINCESS ADELAIDE. Extra-large flowers; double and sweet. Bright rosy pink; lovely green moss. I-yr., 30c., ppd.; 2-yr., 6oc., by express.
:OFFER $>30$
The 15 interesting Moss Roses, offered in 1-yr. size, $\$ 1.25$, postpaid
Above 6 interesting Moss Roses
Above 2 starred Moss Roses

## LORD PENZANCE'S HYBRID SWEETBRIARS

Lord Penzance's Hybrids are most interesting, being crosses between the Common Sweetbriar and other Roses. The foliage is deliciously perfumed and the flowers are of the most beautiful tints and produced in great abundance. We offer two of the choicest.
AMY ROBSART. Deep rose-pink. Very beautiful. LADY PENZANCE. Soft coppery tint. Unusually

Price, 2-yr. size only, 50 cts. each, by express

## HARISON'S YELLOW (Austrian

Flowers are semi-double, bright, clear golden yellow. This Rose blooms early and ushers in the great feast of Tea, Hybrid Tea, and Hybrid Perpetual Roses which come in June. A bush of Harison's Yellow, when fully grown, is a magnificent and heartsome sight in early
 spring, its blooms coming in such abundance as almost to cover the bush. Makes a splendid lawn specimen. (See cut.) 2 -yr. size, 50 cts.; extra 2-yr., 75 cts., by express.

## HYBRIDS OF AUSTRIAN BRIAR

A comparatively new and valuable race of strong-growing, hardy Roses with large blooms and unusually rich coloring. We offer you here three of the choicest.

MME. EDOUARD HERRIOT, The Daily Mail Rose. (Budded.) Coral-red bud shaded with yellow on the base; flower of medium size, semi-double, superb coloring, coral-red shaded with yellow and bright rosy scarlet passing to prawn-red. This Rose is so distinct in coloring that no other variety approaches it in appearance. 2-yr. size on!y, 75 cts., by express.
SOLEL D'OR (Sun of Gold). (Budded.) This is a truly magnificent Rose and one of the grandest varieties in cultivation. It is a strong robust grower with stiff straight branches and heavy deep green foliage. The flowers are very large and globular, perfectly full and double, and the petals are so thick and leathery that it is remarkably durable. The color is entirely different from any other variety in cultivation, a mixture of reddish gold, orange-yellow, nasturtium-red, and rosy pink, a combination very difficult to describe. Has a spicy orange fragrance. $2-y r$., 60 cts.; extra $2-y r$., $\$ \mathrm{I}$, by express.
$\star$ RAYON D'OR, or RAYS OF GOLD. (Budded.) A magnificent golden yellow Rose with large, glossy foliage which appears immune to the attacks of mildew. It is a strong, vigorous grower with large globular flowers, cadmium-yellow in color as the buds begin to expand, toning to golden yellow as they develop. A gorgeous Rose and one we highly recommend. $2-y$ r. size, 60 cts. ; Star size, $\$ 1$, by express.

## STRIPED AND VARIEGATED ROSES

"YORK AND LANCASTER." (Damask.) A remarkably vigorous grower and perfectly hardy. It is of rich historic interest, dating back to the War of the Roses between the Royal Houses of York and Lancaster; said to have originated when these warring factions became united, its color representing the white of the Yorkists and the red of the Lancastrians. I-yr., 40 cts., postpaid; 2 -yr., $\$ \mathrm{I}$, by express.
VICK'S CAPRICE. (H.P.) Flowers large, full and double; striped clear pink and white. (See cut.) 1-yr., 25 c., postpaid; $2-\mathrm{y}^{2} \mathrm{r}$., 50 c ., by express, HUGO ROLLER. (T.) A tea-scented "pictorial" flower. Color lemonyellow and crimson; blooms freely all season. I yr., 40 cts., postpaid; 2-yt., 75 cts., by express.
ROGER LAMBELIN. (H.P.) Glowing crimson with pure white around the edge of each petal; hardy. Extra-size I-yr., 50c., ppd. ; 2-yr., \$1, by exp. $\star$ TIP-TOP: (Baby Doll.) (T.P.) A bewitching combination of rose-tipped petals with light yellow heart. It blooms profusely, and is most distinctive. I-yr., 25 cts., postpaid.; 2 -yr., 50 cts .; Star size, 75 cts ., by express.
WICHURAIANA, VARIEGATED. The foliage only of this Rose is variegated, flowers white. I-yr., 30 c ., post paid; $2-\mathrm{y}$ r., 60 c ., by express.

## = 0 FFER $>31$ One each of these 6 Roses in 2 -yr. size, $\$ 3.60$, by express



## UNIQUES

## THE GREEN ROSE (Viridiflora). (See

cut.) The curious petals are the same color as the leaves, deep pea-green. Blooms very freely. A freak. 1-yr., 20c., postpaid; 2-yr., 4oc.; extra 2-yr., 65c., by express.


Plant the Blue Rose with white or yellow flowers

THE BLUE ROSE. Same type as Crimson Rambler, but the flowers are rosy lilac when opening and change to metal-lic-blue. I-yr., 25 cts., postpaid; 2-yr., 50 cts.; ex. 2-yr., 75 cts., by express.
MICROPHYLLA. (Red.) Semiclimbing habit and nearly evergreen. Double red flowers, with fruits uniquely covered with small spines. $1-y^{\prime} r ., 30 \mathrm{cts}$., postpaid; 2 -yr., 60 cts., by express.
CHEROKEE. The flowers are semi-double, and firm like pure white wax. The official emblem of the State of Georgia. I-yr. size only, 25 cts., postpaid.
MACARTNEY. A southern favorite. The plants are evergreen, with dark, shining foliage, and do best when trained against a south or east wall. Beautiful large single white flowers, with glistening golden stamens. Very fragrant. Offered in 2-yr. size only, 60 cts., by express.

THE SCOTCH ROSE (Rosa spinosissima). A small, compact bush which needs no pruning and is particularly useful where a low-growing thorny hedge is wanted.
Spinosissima rosea. Soft pink. 1-yr. size, 30 cts .; postpaid; 2 -yr. size, $60 \mathrm{cts} .$, by express.
LEONIE LAMESCH. A most remarkable and pleasing novelty in ten colors. The blooms are of medium size and vary from cochineal-red in the bud to glowing coppery red tinged with orange when the flower opens. 1-yr., 3oc., postpaid; 2 -yr. 60 c ., by exp.
MADAME PLANTIER. Specially recommended for cemetery planting. Pure white; enormous bloomer and extremely hardy. I-yr., 20 cts., postpaid; 2-yr., 50 cts ., by express.


## CHARMING SINGLE ROSES

IRISH ELEGANCE. The most charming of all the large-flowered, single, Hybrid Tea Roses, with flowers of ten 5 inches across. The beautiful, longshaped buds are bronzy orangescarlet, which assumes apricot hues as the flower opens. Blooms continuously. I-yr., 25 c ., postpaid; 2 -yr., 50 c ., by express.
IRISH FIREFLAME. In the spiral bud state, it is deep maddery orange, splashed with crimson, which later becomes fiery orange-crimson. Gold Medal, N. R. S. I-yr., 25 cts., postpaid; 2-yr., 50 cts., by express.
OLD GOLD. Vivid reddish orange with coppery apricot shadings. 1-yr., 25 cts .,
 postpaid; $2-y r$., 50 cts ., by express.

## HARDY HYBRID PERPETUAL ROSES

The Hybrid Perpetuals are considered the most valuable of all Roses, because they bear the largest, sweetest and most brilliantly colored flowers, and are so hardy and vigorous they live over winter with slight protection, and continue to bloom regularly from year to year. Their grand flowers are of all shades of red, crimson, scarlet, pink, and white, but no yellows. They thrive and bloom finely in all sections of the country, and should generally be planted in the open ground, as but few varieties are suitable for house culture. Some kinds do not bloom till the second year, but when fully established bloom regularly at the usual time and occasionally during the summer and fall months. Though called "Perpetual," they are not constant bloomers, with the exception of a few, such as Charles Wagner, Mme. Masson, Frau Karl Druschki, and Mrs. John Laing, but are the finest and most beautiful of all hardy Roses.

American Beauty. Color a deep pink to crimson; not recommend this Rose for garden planting except in some sections of the country, where it thrives abundantly in the open ground. In the cut-flower realm it reigns supreme, but requires expert knowledge to grow it. There is a large demand for American Beauty, and we supply fine, strong plants in I-yr. size, at 25 cts. each, postpaid; 2 -yr. size, 50 cts. each, by express.
$\star$ Anna de Diesbach (Glory of Paris). One of the old varieties, introduced in 1858 . Color is a beautinur shade of carmine-pink; flowers are extra large,
full and very sweet. A Rose that everyone should have. 1-yr., 20c., postpaid; 2 -yr., 50 c .; Star size, 75 c ., by express.
Ball of Snow. Pure snow-white, sometimes faintly tinged with pale rose; flowers medium size, full and fragrant. 1 -yr., 20 cts., postpaid; 2 -yr., 50 cts.; extra 2-yr., 75 cts., by express.
Barbarossa (Red Frau Karl Druschki). The color is a brilliant tone of pure carmine-red. The flowers are large and beautifully formed. I-yr., 20 cts., postpaid; 2-yr., 50 cts., by express.
$\star$ BARON DE BONSTETTEN. Extra-large flowers, very solid, round and full; dark rich crimson, delightfully scented; free bloomer, and of hardy and vigorous habit. 1-yr., 20 cts., postpaid; 2-yr., 50 cts.; Star size, 75 cts., by express.
CHARLES WAGNER. A vigorous-growing Rose, with double flowers of clear bright red, approaching scarlet. Blossoms appear in clusters of three to five, of great substance and exceedingly fragrant. We consider this Rose the most free blooming in this class, as it produces immense quantities of flowers in June and has blooms every month until late in the fall, an unusual trait in the Hybrid Perpetual class. I-yr., 20 cts., postpaid; 2 -yr., 50 cts., by express.
*CLIO. Flesh color, deepening in center to rosy pink; large, fine, globular form; very free bloomer. An exceedingly strong grower, with fine large foliage, setting off a flower as beautiful as it is distinct. 1 -yr., 20 cts., postpaid; 2 -yr., 50 cts.; Star size, 75 cts., by express.
EUGENE FURST. Strong, vigorous grower. Flower a beautiful shade of velvety crimson, shading to maroon. Highly scented with the same delightful perfume as some of the Tea Roses. I-yr., 20 cts., postpaid; 2 -yr., 50 cts.; extra 2 -yr., 75 cts., by express.
FRANCOIS LEVET. Unusually strong and vigorous and very free bloomer; large, round, stately flowers. Bright rosy crimson; very fragrant and beautiful. I-yr., 20 cts., postpaid; 2 -yr., 50 cts.; extra 2 -yr., 75 cts., by express.

## $\star$ Frau Karl Druschki

or White American Beauty. The best White Rose in existence. Pure snowwhite, with long buds and immense, perfectly double flowers, 4 to 5 inches across, with wax-like petals and very durable. It is one of the most continuous-flowering Roses in this excellent class. Hardy everywhere that Roses grow. Good for cutting and for garden decoration. The Garden, England, says: "White American Beauty is universally admitted to be the finest White Rose in cultivation." I-yr., 25 cts ., postpaid; 2 -yr., 50 cts.; Star size, 75 cts.; extra size, \$I each, by express.
The Conard \& Jones Co.
Gentlemen: Our two-year-old Frau Karl Druschki had 75 buds on it at one time last June and is pronounced by 75 buds on it at one time last June and is pronounced by everyone the most beautiful Rose they hav
Mrs. H. C. K., Elm Park, Newton, Iowa.
$\star$ General Jacqueminot. The precrimson Rose. Famous the world over. See this in color on inside front cover, and offered on page 80 .
GLOIRE DE MARGOTTIN. Dazzling red, one of the brightest colored Roses in cultivation; splendid every way. I-yr., 20 cts., postpaid; 2 -yr., 50 cts., by express.
$\star$ GLOIRE LYONNAISE. Color is pale lemon, which is the nearest yellow of any Hybrid Perpetual. The bush is strong and upright, and almost thornless. A grand Rose. I-yr., 20 cts., postpaid; 2-yr., 50 cts.; Star size, 75 cts., by express.

## HARDY HYBRID PERPETUAL ROSES, continued

$\star$ HUGH DICKSON. Brilliant crimson, shaded scarlet; good size and fine form; petals smooth, slightly cupped and reflexed; free flowering and vigorous in growth; very highly perfumed. Awarded Gold Nedal, National Rose Society of England. 1-yr., 20 cts., postpaid; 2-yr., 50 cts.; Star size, 75 cts., by express.
JOHN KEYNES. Rich, dark cherry-red; delightfully sweet. The color turns almost black as the flower ages. An exceptionally free bloomer which will supply you with quantities of lovely Roses for inside decoration. I-yr., 20 cts., postpaid; 2 -yr., 50 cts., by express.
JUBILEE. The form of this flower is perfect and the blooms are large. Color is very attractive being a bright, flashing red, shading to velvety crimson of a deep, rich shade. I-yr., $20 \mathrm{cts} .$, postpaid; 2-yr., 50 cts ., by express.
LA REINE (The Queen). Beautiful, clear rosy pink; large, fine full form; very fragrant. I-yr., 20 cts ., postpaid; 2-yr., jo cts., by express.
MME. CHARLES WOOD. A beautifully formed flower, color very bright, rich cherry-red; blooms the first season and all the time, and is delightfully fragrant. I-yr., 20 cts., postpaid; 2 -yr., 50 cts., by express.
MAGNA CHARTA. Extra-large, full flowers of unusual depth and substance; bright rosy pink; very profuse bloomer on long, stiff stems. I-yr., 20 cts., postpaid; 2-yr., 50 cts., by express.
MARSHALL P. WILDER. Extra-large, full flowers; dark, deep red; very strong grower and free bloomer; very handsome. 1-yт., 20 cts ., postpaid; 2-yr., 50 cts ., by exp.

## EVERY ONE A WINNER

Including the Newest, Largest and Most Fragrant Order Early Because Stock Is Limited
Alfred Colomb. A noble Rose; large, globular flowers, bright, rich crimson, dark and handsome. I-yr., 20 cts ., postpaid; 2 -yr., 50 cts ., by express.
Capt. Hayward. A Rose of perfect form and very sweet. Color beautiful, bright crimson-carmine. A grand Rose in every way. 1-yr., 20 cts., ppd.; 2-yr., 50 cts., by exp.
Candeur Lyonnaise. Pure white, sometimes tinted with very pale sulphur-yellow. 2-yr., 75 cts., by express.
Commander Jules Gravereaux. Velvety red, shaded lighter in the center. 2 -yr., 75 cts ., by express.
Coquette des Alpes. IVhite, sometimes tinted bluish. I-yr., 20 cts., postpaid; 2-yr., 50 cts., by express.
Coquette des Blanches. Medium-sized white flowers tinted pink. I-yr., 20 cts., postpaid; $2-y \mathrm{r} ., 50 \mathrm{cts} .$, by express.
George Arends. New. The color is tender rose-pink, and the flowers are produced in great profusion. I-yr., 25 cts ., postpaid; 2 -yr., 60 cts. , each, by express.
Gloire de Chedane Guinoisseau. Color bright vermil-ion-red with velvety shadings. I-yr., 30 cts., postpaid; 2 -yr., 75 cts., by express.
Heinrich Munch. The flowers are a deep pink, with a sheen not often found. I-yr., 35 cts., postpaid; 2 -yr., 75 cts., by express.
$\star$ J. B. Clark. Intense, deep scarlet, heavily shaded blackish crimson; foliage bronzy green in the young stage. I-yr., 20 C ., postpaid; 2 -yr., 50 c .; Star size, 75 c ., by $\exp$.
John Hopper. Clear, bright rosy pink; very fragrant. I-yr., 20 cts., postpaid; 2-yr., 50 cts ., by express.
Marchioness of Lorne. Bright shining rose; full, finely cupped flowers. I-yr., 20 cts., postpaid; 2-yr., 50 cts., by express.
Margaret Dickson. Magnificent, pure white flowers, with rosy flesh-colored center and large, shell-shaped petals. 1-yr., 20 cts., ppd.; 2-yr., 50 cts., by express. Mme. Masson. Color is a pleasing shade of bright, rich crimson, and the bush is a robust, sturdy grower. 1-yr., $20 \mathrm{cts} .$, post paid; $2-\mathrm{yr}$., 50 cts ., by express.
$\star$ MRS. JOHN LAING. Soft pink, of beautiful form and of very large size; exceedingly fragrant and remarkably free flowering. One of the most beautiful of all the Hybrid Perpetual Roses. I-yr., 20 cts., postpaid; 2 -yr., $50 \mathrm{cts} . ;$ Star size, 75 cts ., by express.
$\star$ PRINCE CAMILLE DE ROHAN. Very dark, velvety crimson, almost black; considered to be the best very dark Rose ever produced. I-yr., 20 cts., postpaid; 2-yr., 50 cts.; Star size, 75 cts., by express.
$\star$ PAUL NEYRON. Color clear pink. it is said to be the largest Rose in cultivation, often measuring 5 to 6 inches across. See this in color on inside front cover, and offered on page 80.
ROGER LAMBELIN. A unique Rose of deep crimson with white-edged petals. See page 3I.
$\star$ ULRICH BRUNNER. Color brilliant cherry-red. This variety is a seedling of Paul Neyron, from which it derives its immense size. See this in color on inside front cover page, and offered on page 80 .
VICK'S CAPRICE. Striped pink-and-white. See page 3 I.


How delighted she is with her Paul Neyron Rose, her very own! Every garden should have a Rose for each member of the family, and for family use we suggest Hybrid Perpetuals, as they grow strong, bloom magnificently and are perfectly hardy. (See sets, page 35.)

# C. \& J <br> 1918 

Over a half-century's experience in intelligent Rose-growing is back of this now famous dozen Roses, selected to combine, in a small bed, quality and a variety of charming colors that will be welcomed in any Rose-garden, however high the standard; also, for the benefit and convenience of those who prefer to leave the selection to us, we offer this C. \& J. RELIABLE DOZEN. Whether you live North, South, East, or West, here is a set you may order with confidence. Each variety contains the qualities of a high-grade Rose. They are all strong, vigorous growers, bloom abundantly, and all are among the hardiest in this everblooming class. Just enough in this collection to fill a bed 3 feet wide by 8 feet long. They will bloom the first season and every succeeding season, all summer long, even the one-year size; best about them, however, is the beauty of the flowers, in form, color, fragrance-every way. If planted in your garden, you'll like them, we feel sure.

## 12 SPLENDID EVERBLOOMING ROSES, \$2, Postpaid



Mme. Eugene Marlitt. CARMINE-RED

One of the most fragrant, vigor-ous-growing, abundant-blooming Roses we know. Color is rich carmine-red, and the flowers are large, full and double. The bush is strong and sturdy, with handsome, large foliage. I-yr., 25c., postpaid; 2-yr., 50c.; Star size, 75c., by express.
$\star$ Alexander Hill Gray.
LEMON-YELLOW

Color is deep lemon-yellow, which intensifies as the blooms develop; flowers large, of great substance and perfect formation; it has a high-pointed center from which the petals gracefully reflex. We recommend it highly. Gold Medal, N. R. S. I-yr., 25 cts., ppd.; 2-yr., 50 cts.; Star size, 75 cts., by express.
$\star$ Beauty of Rosemawr. Makes a strong, handsome bush, and CARMINE-ROSE delightfully fragrant and perfectly double, with fine, overlapping petals and raised center; color a lovely shade of rich carmine-rose, finely veined with creamy white. I-yr., 20 cts ., ppd.; 2-yr., 40 cts.; Star size, 65 cts., by express.
$\star$ Col. R. S. Williamson.
TINTED WHITE Very large blooms; satiny white with deep. blush center. A handsome, free-blooming proper cultivation A that responds quickly to care and habit of growth. I-yr., 25 cts., postpaid; 2 -yr., 50 cts . Star size, 75 cts., by express.
$\star$ Gruss an Aachen. The most remarkable everblooming.
FLESH-PINK Rose recently introduced. The very double flowers are 3 inches across, shading from delicate flesh-pink and yellow outside to deep salmon-pink in the center. Hardy and fragrant. i-yr., 25, cts., postpaid; 2-yr., 50 cts.; Star size, 75 cts., by express.

## Hoosier Beauty.

 Beautiful both in bud and flower. The color is: dazzling crimson-scarlet and the flowers are large, full, and handsomely shaped. I-yr., 30 , CRIM.-SCAR. cts., postpaid; 2-yr., 60 cts., by express.
## White Killarney.

 WHITEMore double than Pink Killarney, and the flowers: are pure waxy white, produced singly on strong, upright stems. I-yr., 25 cts., postpaid; 2 -yr., 50 , cts.; extra 2-yr., 75 cts., by express.
$\star$ Wm. R. Smith.
CREAMY PINK A Rose of unusual beauty, each firm petal looking like a delicately tinted sea-shell. Color is. cream with pink shading, buff-yellow base and the center a heart of pink; fragrant. I-yr., 25 cts ., postpaid; $2-\mathrm{yr}$., 50 cts.; Star size, 75 cts., by express.

## $\star$ Mme. Melanie Soupert. <br> SALMON-YELLOW

Large and double; fine salmon-yellow, suffused carmine. Makes magnificent, large, double flowers and strong canes. I-yr., 25 cts., postpaid; 2-yr., 50 cts.; Star size, 75 cts ., by express.
$\star$ Radiance. Rosy carmine and soft pink. Makes a magnificent large
SOFT PINK 75 cts., by express., post paid; 2 -yr., 50 cts.; Star size,
Lady Roberts. A most beautiful and valuable variety. Color, red-
APRICOT dish apricot passing to deep coppery red with orange 1-yr., 25 cts., postpaid; 2 -yr., 50 cts., by express.
$\star$ Wellesley. Color, bright, clear rose-pink, reverse of petals silver-ROSE-PINK rose; a vigorous grower, bearing its flowers on tall, 2-yr., 50 cts.; Star size, 75 cts., by express.

## SPLENDID SETS FOR THE NORTH

We realize that great numbers of people who live in the northern states think that they cannot grow Roses on account of the severe winters; but Roses can be grown in any climate, provided the right kinds are planted, and we have listed below sturdy, vigorous kinds, most of them deliciously fragrant and all of them free bloomers when they become established.

## These Need No Protection

The Roses in the following sets are so hardy that protection is not necessary, even in the coldest climates. However, if convenient to do so, we suggest that you hill the earth around the stems of the plants, before frost, to a height of 6 or 8 inches and cover this with leaves or strawy manure. Any protection given the plants will benefit them and enable them to give better results next season.

## A Choice Set of 12 Hybrid Perpetual Roses

$\star$ Frau Karl Druschki. The finest white in existence.
$\star$ Anna de Diesbach. Carmine-pink; profuse bloomer.
Ball of Snow. Snow-white, sometimes tinged rose.
¿Baron de Bonstetten. Deep, rich shade of crimson.
Charles Wagner. Clear bright red. Continual bloomer.
Francois Levet. Bright rosy crimson. Very fragrant.
$\star$ General Jacqueminot. The favorite crimson.
$\star$ Gloire Lyonnaise. Pale lemon; a most exquisite Rose.
$\star$ Paul Neyron. The largest Rose; clear pink.

* Prince Camille de Rohan. Velvety crimson, almost black.
$\star$ Ulich Brunner. Brilliant cherry-red; very fine.
Vick's Caprice. Very double; striped pink and white.

The Conard \& Jones Co.
March 2 I, IoI 7
eautiful than any Gentlemen:- The Roses ordered last year were much more beautiful than any I
have ever seen in any garden. I do not know which was the most beautiful; even have ever seen in any garden. I do not know which was the most beautiful; even
the little one-year plants were covered with perfect Roses. They were a constant delight all summer, and in bloom until after cold weather. They arrived in the best of condition,-Dean D. D.. St. Paul, Minn.

No. 5824

## Seven Selected Hybrid Perpetual Roses

$\star$ Frau Karl Druschki. The finest white Rose. See page 32.
$\star$ Paul Neyron. Immense flowers; clear pink. See inside front cov. $\star$ General Jacqueminot. Crimson. See inside front cover
$\star$ Ulrich Brunner. Cherry-red. See inside front cover.
丸 Anna de Diesbach. Carmine-pink; profuse bloomer.
$\star$ Gloire Lyonnaise. The nearest yellow Hybrid Perpetual.
$\star$ Clio. Flesh-color, shaded in center with rosy pink. See cut

## :OFFER $\rightarrow 35 \mathrm{a}$ <br> These 7 in $1-y r$. size for $\$ 1.50$, postpaid; in $2-y r$. size, the 7 for $\$ 3$; Star size, the 7 for $\$ 4.35$, by exp.

ThE CONARD \& JONES CO.
Gentlemen:- I have received the Roses, but the card went astray and the Roses were at the Customs Office a week, but I am well satisfied with them. When I went to the Customs Office, the gentleman told me my goods had been there a week. I said they would likely be dried up. but he said not, for Conard \& Jones is one of the best places we receive goods from, well packed and fine stock. M. N., West Hill P. O., Ontario, Canada.

## Ten Minnesota Set

$\star$ Sir Thomas Lipton. Pure snow white. See cut, page 29.
$\star$ Conrad F. Meyer. The new Tea Rugosa. Flowers large and full, clear silvery rose-color; fragrant. See cut, page 29.

* Frau Karl Druschki. Pure snow-white; makes immense double flowers; not fragrant. See cut, page 32.
$\star$ General Jacqueminot. The premier hardy crimson Rose; fragrant. See inside front cover.
Gloire de Margottin. Dazzling red, very bright.
Mme. Charles Wood. Bright, rich cherry-red.
Mousseline. An exquisite, white Moss Rose.
$\star$ New Century. Pink with light red center; very fragrant.
$\star$ Paul Negron. The largest Rose; clear pink. See inside front cover.
* Ulrich Bruaner. Large, cherry-red Rose. See inside front cover.

OFFER $\left\{\begin{array}{l}\text { Above } 10 \text { perfectly hardy Roses } \\ \text { Above } 10 \text { perfectly hardy Roses }\end{array}\right.$
Above 7 marked $\dagger$
1-yr. size, $\$ 2$, postpaid
2-yr. size, \$4, by exp.
Star size, $\$ 4,25$, by exp.


The Conard \& Jones Co.
Gentlemen:- With the arrival today of a shipment of Roses from you I would like to express my appreciation of the selection and packing of your star stock. After a trip clear across the continent, 1 did not expect to see these plants in the perfect condition I found them. I am more than pleased, and I assure you, further, that our business relations have only begun.W. R., Cor. Water and Taylor Sts., Port Townsend, Wash.

## THE KING OF BEDDING PLANTS

## ヶ C．\＆J．NEW LILY－CANNAS 1918 与 $\leftrightarrows$

They produce more color in greater variety for a longer period over a wider area for the outlay than any other plant．But do not confuse these Cannas with the com－ mon kinds－their monkey ancestors－which we consider not worth planting．These rank with orchids in delicacy of coloring and with Mallow Marvels in size．For quality，Conard \＆Jones Swastika Cannas are absolutely unsurpassed．

We could cover this page with photographs of medals，diplomas，and awards made for our Cannas，but that would tell you only part of the story．You should know that flower specialists in America look upon us as headquarters for the best new Cannas．Of all high－grade Cannas in general use today，our Vice－President，Mr． Wintzer，has originated here probably more than any other three firms combined．

We have carried off first prizes，not only from the international contest held in London before the war，but in every noteworthy exposition in this country－from Chicago，1893，to the last ones，San Francisco and San Diego，1915；and now over 20，000 grace the grounds of our National Capital，where they hold aloft the slogan for Swastika Brand Cannas，＂Best by Government Test．＂


## 4 NOKOMIS Note：we give Indian names to Bronze－leaved Cannas．

Height 5 feet．Like The President，this is a hybrid of the famous Firebird，without any of the bad habits of the parent plant．The foliage is a combination of emerald－ green and bronze，beautifully veined，making a lovely setting for the large，vivid crimson flowers．These flowers are most attractive，having a rich silky sheen on the petals and the color is darker than that of any other bronze－foliaged Canna with a bloom near this size．$\$ 2.50$ each，delivered．

## Canna Beds All One Color Cost from 80 cts．each to $\$ 37.50$ each

| For hordering Caooa heds ase either Achyraothes，Alternaotheras，Aerva saognioea，Dosty Miller，Colens，or Salvias．See pages 54 and 61 |  | $\begin{gathered} \text { Ronod 4-ft. Bed } \\ 7 \text { Caooas } \end{gathered}$ |  | ound 7－ft．Bed 19 Cannas |  | $\begin{aligned} & \text { Round } 10 \text {-ft. Bed } \\ & 37 \text { Canoas } \end{aligned}$ |  | $\begin{aligned} & \text { ound } 16 \text {.ft. Bed } \\ & 91 \text { Cannas } \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Choose Any Variety You Wish Marked $\dagger$ |  | oots | Plaols | Roots | Plaots | oots | Plants | Roots | Plao |
|  | 15－cent | \＄0 80 | \＄100 | \＄2 15 | \＄2 85 | \＄4 15 | $\$ 565$ | S10 25 | \＄13 |
| orbesteffect Canna | 20－cent Cannas | $1{ }^{1} 00$ | 130 | 285 | 350 | 565 | 700 | 1365 | 1700 |
| beds should be | 25－cent Cannas cos | 130 I 60 | I 60 | 350 +30 | 430 | 700 | 830 | $\begin{array}{ll}17 & 00 \\ 20\end{array}$ | 2050 |
| planted all one color | 30－cent Cannas cos | I 60 | 185 | $\begin{array}{r}430 \\ 500 \\ \hline 00\end{array}$ | 500 | 830 | 9 <br> 110 <br> 110 | 2050 | 239 |
|  | 50－cent Car |  | 2 |  | ${ }_{7} 85$ | 390 |  | 370 | 37 |

Best Cannas for bedding are indicated by $\dagger$ sign on the 3 following pages，37，38，and 39

HOW TO ARRANGE CANNAS IN A CIRCULAR BED
Get the tallest－growing varieties in the center， and then carefully grade each succeeding circle，using dwarf kinds for the outside．Plant one Canna in center of bed，next six Cannas 18 inches apart in a circular row 18 inches from center．For each succeed－ ing circle use six more Cannas than were used in the previous circle and make 18 inches farther away from the center．A ro－foot bed thus planted will contain I Canna in center， 6 in first circle，is in second circle， and 18 in outer circle，all 18 inches apart．

## HOW TO PLANT and GROW C．\＆J． IMPROVED CANNAS

Dormant Canna roots may be started indoors during March or April，but should not be set out until weather is settled and the ground warm－usually May or June in this latitude．When planting dormant roots do not set too deep．The eye should show a little through the ground when done．Plant in good， rich garden soil mixed with one－half of old，rotted stable manure．Set them about 18 inches apart each way．Water sparingly the first two weeks after plant－ ing；when growing freely，water liberally．


C．\＆J．Cannas Used for Porch Decoration

## CHOICE VARIETIES 4 LILY-CANNAS

## C. \& J. 1917 INTRODUCTIONS

54Snow-Queen. 4 feet. Another step in the march toward a perfect white bedding plant. Here is a Canna of crystal brightness. When grown in a row, the mass-effect of snowy whiteness tempted us to call it Snow-Queen. There was another reason. Just as you have noticed the opalescent, rosy hues among the crystals in the snow, so here a close examination reveals faint flashes of fairy pink spots, though the effect is white. The flowers are large, 6 inches across, with rounded petals $21 / 2$ inches broad and of firm texture. They are borne well above the luxuriant green foliage on erect, branching heads in large clusters. See illustration, page 36. Strong plants, $\$_{2.50}$ each, delivered.
${ }_{4} 6$ Druid Hill. 4 feet. In striking contrast to Snow-Queen is this dark-stemmed, deep red-flowered beauty. It has most distinct characteristics. The plant has ebony-red stems and is well furnished with Black-Beauty foliage of more than usual grace. Such a setting makes doubly effective the well-poised heads of rich crimson bloom. Average-sized flowers, but a color combination as yet unmatched. Plants, Si each, delivered.

## $\leftrightarrows$ Morning Clow.

4 feet. Another color contrast of more than usual picturesqueness; foliage an olive-green striped and veined with bronze. A greatly improved descendant of Evolution, with well-mounted flowers of exquisite, soft shell-pink and orange-red center. Plants, $\$_{\mathrm{I}}$ ea., del'v'd.

## 4ヶMorning Star.

5 feet. Perhaps the fanciest of all our 1917 introductions. An imposing variety with green foliage and plants 5 feet high, of good habit, large clusters, flowers of brilliant scarlet, petals broadly edged with pure yellow. Plants, Si each, delivered.
=OFFER $\rightarrow 37$ Above 4 New Cannas, $\$ 5$ postpaid.

## RECENT NOVELTIES

## ${ }^{45}$ City of Portland. ${ }^{31 / 2}$ feet. Glowing pink, deeper in color than its parent, Mrs. Alfred F.

 Conard, and the flowers are produced in greatest profusion. Strong plants, 30 cts . each, postpaid.Si Dragon. $21 / 2$ to 3 feet. An incessant bloomer which keeps frost. Dending up new bloom-staks until cut down by
st Flag of Truce. 4 feet. A large, cream-white Canna with faint pink dots on each petal and a sulphurcolored tongue. When a short distance from the flowers they appear pure white. Strong plants, 55 cts . each, postpaid.
\$H Lafayette. 4 feet. Resembles the famous "Meteor," but the flowers are a more intense scarlet. The heads of bloom are carried erect above the healthy, green foliage, producing a brilliant effect in mass planting. Strong plants, 55 cts. each, postpaid.
4 Pocahontas (Bronze Olympic). $41 / 2$ feet. Large, orienteno red flowers, borne on firm, upright stems, just enough above the foliage to show the entire head. The foliage is a dark bronze-green with emerald shadings, the ribs a darker bronze. Strong plants, 40 cts . each, postpaid.
si Princeton. 3 to 4 feet. An intense, bright yellow, with a decided dash of red in the throat. Resists bleaching better than any other yellow Canna. Strong plants, 40 cts . each, postpaid.
$\Psi_{r}$ San Diego. 4 feet. Chinese orange or Persian yellow in color. The crimped petals are remarkable for substance, which enables them to withstand the hot sun without wilting. Strong plants, 40 cts . each, postpaid.
${ }^{4}$ Wintzer's Colossal. 5 ft. Colossal indeed are the flowers and bloom-heads of this magnificent Canna. The effect produced by the vivid scarlet flowers is very striking. It is the largest-flowered Canna yet introduced, also the earliest, most persistent, and most prolific bloomer. See cut, page 39. Strong plants, 40 cts . each, postpaid.
OFPRR 372 $\begin{aligned} & \text { One each of above } 8 \text { Novelties, in dormant roots, } \\ & \$ 2.50 \text {. After May 1, strong plants, } \$ 2.75 \text {, postpaid. }\end{aligned}$


The White House, where the Nation's gaze is fixed. The flowers must be right, so Conard \& Jones' Swastika Cannas were selected
WEST GROVE, PENNA. HiLily-Cannas 5h

## CHOICEST VARIETIES 4 LILY-CANNAS

## RED SHADES-LIGHT AND DARK

- name

4 Beacon $\dagger$

Ls Brandywine $\dagger$
$4 \operatorname{Hin}^{\text {Conowingo }}$

Firebird
His Lafayette $\dagger$.
$\leftrightarrows_{i}$ Olympic•
$\leftrightarrows$ Philadelphia $\dagger$

## 4 Splendor ${ }^{6}$

$\stackrel{5}{W} \mathrm{Wm}$. Saunders $\dagger$

5 Black Prince.
$\varsigma$ Chautauqua. Comte de Sachs
LS Dragon
55 Duke of Marlborough Express.
45 George Washington Mephisto.
5 Meteor (Wintzer's) . Mount Etna.
Patrie.
Pillar of Fire
Triumph

Height
Ft.
4
Moderate-sized flowers of rich car-dinal-red, borne in impressive heads that make a mass of color almost unparalleled..
$3^{1 / 2}$ Very dark foliage, topped with a magnificent display of brilliant red flow ers. The foliage of this variety ers. ${ }^{\text {The }}$ foliage of this variet
makes it very desirable.........
tense, deep, fiery scarlet. Foliage plum-color at the base shading to olive-green at the tip. Flowers are extra large and firm.
4 Clear glistening scarlet flowers borne in immense trusses. The individual flowers are unusually fine.
4 Flowers almost scarlet, intensely vivid and striking. The plant is well furnished with healthy green foliage and is fine in every way
5 Rich oriental red, with center shaded lighter red and dappled carmine. Large individual blossoms that make immense heads
3 An excellent dwarf crimson bedding Canna that should be used in small beds or for bordering beds of Canbeds of larger growth. An immense nas of lar
bloomer.
41/2 Very large flowers; color intense scar let. One of our finest new varieties. Individual flowers often 5 in . across: bright scarlet; foliage bronze.

## Maroon flowers, bronze foliage.

Scarlet flowers, bronze foliage.
Clear crimson-scarlet flowers.
Dark ox-blood-red; rich color
Dark, rich velvety crimson..
Scarlet-crimson. Good for border.. Deep velvety crimson..
The darkest crimson Canna.
Rich dazzling crimson..
Brilliant crimson; purple foliage...
4 Good light crimson.
Bright crimson-scarlet.
Deep crimson. A splendid dwarf.

WHITE AND YELLOW SHADES

| NAME | Height | description | Price |
| :---: | :---: | :---: | :---: |
| $4{ }^{\text {B }}$ Brilliant $\dagger$. | $\begin{gathered} \mathrm{Ft.} \\ 4 . \end{gathered}$ | Pure golden yellow with two curling tongue-like petals of fiery red that dart from the center of the flower A prolific bloomer. |  |
| ¢5 California $\dagger . . .$. | 4 | Pure rich orange-gold, a color that harmonizes with all others. This Canna looks particularly fine when planted in masses. | 15 |

58 Gladiator $\dagger$.. . . . . .
$\leftrightarrows$ Golden Gate†.....

5 Jane Addams
SiJuanita

5 Blanche Wintzer...
$\leftrightarrows$ Buttercup.
4 Cloth of Gold.
5 Coronet (Imp.).
Director Holtze..
Elizabeth Hoss
Sif Flag of Truce..
SH Kate F. Deemer.
5 Mont Blanc (Imp.).
Wh Queen of Holland..
Richard Wallace..

- $4^{1 / 2}$ Intense golden yellow flowers, spotted with bright red. This is about the
most intense yellow, fairly dazmost intense yellow, fairly dazzling, and very attractive. .

A leader for years. Color is bright yellow, spotted with red. No ot her bedding Canna in this color can surpass this sturdy robust grower. It seems to stand storins and sun better than any variety we grow, as the individual flowers are exceptionally firm.
4 The flowers open pure gold but soon become richly rayed with orangecrimson and apricot, centering to the throat. The tongue is deep apricot. As the flower ages it becomes entirely suffused with apricot; delightfully effective.

Bright buttercup-yellow.
Orange, tinted gold; bronze foliage. Brilliant canary-yellow...
Bright yellow, dotted with rose......
Yellow, dotted bright red.
Cream, faintly dotted pink.
Oriole-yellow, rayed with red.
Almost pure white. Good for massing
Color, deep rich orange...............
Canary-yellow

NOTE.-Prices named are for dormant roots. Potted plants will be ready May 1, price, 5 cts. each additional, all postpaid. 51 Indicates varieties originated and introduced by The Conard \& Jones Company. †Best for bedding. olargest individual flowers.


See description on page 39


A bed of exquisite salmon-pink Mrs. Alfred F. Conard Cannas, beautifying the public grounds at Washington, D. C. A 7 -foot bed can be had in roots for $\$ 1.30$, or plants (after May 1) for $\$ 1.60$. Bordered with red Achyranthes or Coleus, it would cost $\$ 1.50$ more; see page 36 .

C. \& J. canna fields from July till frost

## CHOICEST VARIETIES $\leftrightarrows ~ L I L Y-C A N N A S ~$

## PINK-LIGHT AND DARK SHADES

| NAME | Height | DESCRIPTION | Price |
| :---: | :---: | :---: | :---: |
| ${ }_{5}{ }_{\text {S }}$ Betsy Ross $\dagger$. | $\mathrm{Ft} .$ | Beautiful rose-pink; valuable on account of its dwarf habit. Good for bordering other beds of taller pink Cannas. |  |
| st City of Portland $\dagger$ | $3^{3 / 2}$ | Beautiful glowing salmon-pink flowers produced in greatest profusion on strong, branching stocks. A wonderfully fine Canna whose unceasing bloom makes it one of the best pink bedders in existence.. | 25 |
| Hungaria $\dagger$ | $31 / 2$ | Attractive rose-pink; a very free bloomer, possessing a delicate shade of color not known in any other Canna.. |  |
| $4 /$ Loveliness ¢ Mrs. Alfr | 3 | Bright ruby-carmine; the blooms are of the neat Gladioflora type. An excellent kind to use as a border around a large bed of Olympic. . |  |
| Conardot...... | 4 | The grandest salmon-pink Canna ever introduced. Makes magnificent heads of perfectly formed, firm, lasting flowers of almost indescribable beauty. | 25 |
| Wilson | 4 | Similar to the Mrs. A. F. Conard in color, but a deeper pink. | 35 |
| 4 Roseagigantea | $3^{1 / 2}$ | Giant flowers of soft rose to carminepink. This Canna has been used extensively for years on the public grounds at Washington and is still high in favor as an unusual pink bedder. | 25 |
| 5 Sten | 4 | The color is gay rosy pink with a well-defined border of creamy y.ellow. An incessant bloomer....... | 15 |
| y Wabas | 4 | The bronse-leaver Rosea gigantea. Flowers are carmine-pink and very large. An unusual Canna........ | 20 |
| Y Eastern | 4 | Light salmon | ${ }^{15}$ |
| $5_{5}$ Evolution | 4 | Flowers rich pink; bronse folia |  |
| 5 Maid of Orleans | $41 / 2$ | Cream, mottled with soft pink | 20 |
| ¢ Martha Washington | 3 | Bright rose-pink; a great bloomer. | 15 |
| ¢ Minnehaha. | 4 | Gold and cream and peachblow-pink. | 25 |
| SJWawa. | 3 | A new shade of soft pink. | 25 |
| Zenith | 5 | Orange-pink or salmon. | 15 |

## GIANT ORCHID-FLOWERING CANNAS

| Name | Height | description | Price |
| :---: | :---: | :---: | :---: |
| King Humbert $\dagger \ldots$ | $\begin{gathered} \mathrm{Ft.} \\ 4 \end{gathered}$ | Bright orange-scarlet streaked with crimson. Magnificent bronze foliage. Used in great quantities for bed ding. and most satisfactory |  |
| $4{ }^{4}$ New York | 5 | Scarlet; foliage rich plum-color. One of the finest in this giant-flowered class. |  |
| Queen Helen | 5 | lass. <br> This is called the Vellow King Humberl. Tall stately flowers of pure |  |
| ↔ Wintzer's Colossal $\dagger$ (see cut). |  | canary-yellow which sometimes slow a blotch of bright red. Finest and undoubtedly the largest | 50 |
|  | 5 | orchid-flowering Canna in existence. See description, p. $37 \ldots$ | 35 |
| Wyoming ${ }^{\text {e }}$ | 7 |  | 15 15 |
| Burb | $4^{\frac{1}{2}}$ | Y'ellow, with throat spotted crimson | 15 |
| Indian | 6 | Glistening golden orange. | 15 |
| Italia | 4 | Brilliant red, bordered yellow | 15 |
| Louisiana | 7 | Vivid scarlet. A tremendous bloomer | 15 |
| LS Mrs. Carl Kelsey | 5 | Orange-scarlet, striped yellow. Rich buff, edged yellow. | 15 20 |
|  | 5 |  | 15 <br> 15 |

## VARIEGATED KINDS

| $L_{1}$ Gladioflora $\dagger$. | $3^{1 / 2}$ | Crimson, changing to carmine-rose and edged with gold. An exceptionally free bloomer. | \$0 15 |
| :---: | :---: | :---: | :---: |
| Mme. Crozy $\dagger$ | $21 / 2$ | Beautiful orange-scarlet, edged bright golden yellow. Useful for edging beds of taller Cannas | 15 |
| 51 Panama | 3 | The color is an attractive rich orangered, with a well-defined edge of bright golden yellow. The flowers are very large, and the immense spread of the individual blooms. coupled with the early, free-flowering habit, makes this Canna most noteworthy. See cut on page 38 . |  |
|  | $3^{1 / 2}$ | An intense, bright poppy-red, with a thread of buttercup-yellow around each petal. Exceptionally beautiful. |  |
| 4 Chameleon Jennie W. Fahnline Souv. d'A. Crozy | 5 $41 / 2$ 3 | Orange, red. yellow, and rose-pink. Pink and primrose, edged with gold. Red, bordered with golden yellow | 25 30 15 |

NOTE.-Prices named are for dormant roots. Potted plants will be ready May 1, price, 5 cts. each additional, all postpaid.出Indicates varieties originated and introduced by The Conard \& Jones Company. † Best for bedding. Large individual flowers.


Mr. Wintzer the originator of Cannas


October 22, 1917

## No. 2398 I .

Ifeel that I must say a word in regard to the Wintzer's Colossal Canna Bed. I only wish someone from your firm could have seen it. It was beautiful and the flowers bloomed constantly until a few days ago.-Mrs. L. H., Parkesburg, Pa.


## HARDY PERENNIAL PLANTS

## Or Old-Fashioned Garden Flowers

Valuable for adding brightness and color to the border beds, and a comparatively small collection will enable you to have some flowers in bloom all summer through. Useful as cut-flowers.

The first figure after a variety indicates height of growth. The next figures indicate the months the flowers bloom in this locality. Some variation must be allowed according to latitude.

Directions.-We send you most of these in strong roots. Allow from $11 / 2$ to 4 square feet of space for each. After the first severe frost in the fall, cut down the tops to within 3 inches of the ground, and give the bed a good coat of half-rotted manure, which will protect the plants and enrich the ground; dig this under in the spring before new growth starts.

Price: Unless otherwise noted, 20 cts. each, 12 for $\$ 2$, postpaid, (remember that our postpaid prices include delivery charges for which many other firms charge extra), or by express, $\$ 12$ per 100. 25 or more at this rate.

Achillea alba The Pearl. 2 ft . 6-1o mo. Bears an abundance of pure white, perfectly double flowers, which are borne in pretty, graceful sprays. 20 cts . each.
Adam's Needle, or Spanish Bayonet (Yucca filamentosa). $3-5 \mathrm{ft} . \mathrm{F}^{6-7} \mathrm{mo}$. A low-bell-shaped flowers. (See cut, page 45.) 20 cts. each, postpaid; 2 -yr. roots, 35 cts., by express.


Bleeding-Heart

AQUILEGIA (Columbine). 20 cts. each.

Canadensis. I-2 ft. $4^{-6} \mathrm{mo}$. Red and yellow. Chrysantha. 3-4 ft. $5^{-8}$ mo. Yellow.
Cærulea. 2 ft . $4^{-7} \mathrm{mo}$. Blue and white. Nivea grandiflora. $12-18 \mathrm{in} .4-5 \mathrm{mo}$. White.

## OFFER 40

1 each of the 4 colors for 75 c ., postpaid

Hardy Aster (Michælmas Daisy, or Starwort). 9-10 mo. Climax. 5-6 ft . Lavender. Top Sawyer. 4 ft . Violet.
Feltham Blue. 2-3 ft. White Queen. 4-5 feet. Aniline-blue. $\quad$ Pure white. 20 cts. each; the 4 for 75 cts ., postpaid

Anemone japonica. $2-3 \mathrm{ft}$. 8 -frost. Bears lar
double flowers. In 3 colors.

Alba. Pure white. 20 cts .
Rubra. Red. 20 cts.
Queen Charlotte. Pink. 20 cts.

## OFFER 40a

The 3 Anemones for 50 cts., ppd.
 cent. 20 cts. each.
Daisy, Burbank's Shasta, Alaska. with golden disks; hardy. 20 cts. each.
Delphinium Belladonna, the Everblooming Hardy Larkspur. clear turquoisee cut, page 41.) 2-3 ft. New. Flowers are never out of bloom from the end of June until cut down by frost. 30 cts. each.
Formosum. 3-4 ft. 6-8 mo. Beautiful, dark blue flowers with white center. Vigorous in growth and free flowering. 20 cts. each. Digitalis (Foxglove). $3 \mathrm{ft} .{ }^{7}$ mo. bold, pointed racemes of cone-shaped flowers are odd and attractive. Pink, purple, and white. 20 cts. each.

## Funkia grandiflora (The Larg

 Day Lily, or Plantain Lily). $11 / 2-2 \mathrm{ft} .8 \mathrm{mo}$. Lily-like flowers, very sweet-scented and waxy white. 20 cts. each, postpaid. Funkia undulata variegata. $11 / 2-$ 2 ft . 8 mo . Blue flowers and long, narrow leaves, edged white. 20c.ea. OFFER No. 40b. The 2 Funkias[^2] Bells
$1^{1 / 2-2 ~ f t . ~ 7-10 ~ m o . ~ S p l e n d i d, ~ l a r g e, ~}$ showy flowers of glistening white (See cut.)

## Anchusa italica. <br> Dropmore Variety. 3-5 ft. $5^{-6}$ mo. excellent for cutting. 25 cts. each.

Bishop's Border Plant (Egopodium Podagraria varieyellow variegated foliage. Splendid for permanent edging. 20c. ea. Bleeding-Heart (Dicentra or Dielytra spectabilis). 3 ft . $\mathrm{H}^{4-6}$ flowers. 25 cts. each, 3 for 60 cts. (See illustration above.)

## Campanula persicifolia <br> (Bellfower, or Blue Bells). I-2 <br> ft . 6-7 mo. Large deep blue,

 salver-shaped flowers. 20 cts. each.C. pyramidalis (Chimney Bellflower). $4-5 \mathrm{ft} .7 \mathrm{mo}$. Large blue flowers, forming a pyramid; very conspicuous. 20c. ea. C. Medium (Canterbury Bells). 3 ft .8 mo . In blue, rose, and white. Mixed colors. 20 cts. each. (See cut.)
Coreopsis lanceolata grandiflora. Emblem Flower of the International Sunshine Society. Flowers rich golden yellow. They remind one of a yellow cosmos. 20 cts . each.


## Hardy Perennials

## Chrysanthemums, Hollyhocks, Hardy Ferns, Etc.

## HARDY POMPON CHRYSANTHEMUMS

The most brilliant and showy autumn flowers we have. They begin to bloom in September and live outdoors over winter.

Prices for all, except noted, 15 cts . each, postpaid
Frank Wilcox. This variety is also known as Souvenir d'Or and Mrs. Frank Beu. The greatest of all Pompons. Color reddish orange. 25 cts. ea. Golden Climax. Orange-yellow. It seems impossible to improve on this variety: 20 cts. each.
Donald. Light pink, button type. 20 cts each.

Asteroid. Bright canary-yellow. Brown Bessie. Bronze-brown. Doris. Red, tipped gold.
Du Pont de l'Eure. Amber. Gold Nugget. Golden yellow. Helen Newberry. Early white.

Lillia. Solid dark red.
Lillian Doty. The finest pink. Miss H. Wells. Tuscan red; single. Princess Louise. Crimson and bronze. Viola. Rich violet-red; very fine.
Zenobia. Bright clear yellow.

OFFER $\rightarrow 41$ The entire set of 15 Hardy Pompon Chrysantemums, com-
THREE "BUTTON" POMPON CHRYSANTHEMUMS, 15 cts. each
Baby. Golden buttons. Little Bob. Dark bronze. Golden West. Yellow. OFFER 41a. The 3 Button Chrysanthemums for 40 cts ., postpaid

## HARDY ORNAMENTAL GRASSES

Pennisetum japonicum (Hardy Fountain Grass). +ft . Bright green foliage with the cylindrical flower-heads tipped purple. 2oc. each, $\$ 2$ per doz., ppd. Eulalia gracillima. 6 to 8 ft . Graceful, narrow green foliage. 20 cts . each. E. zebrina. 6 to 8 ft . Cross bands of yellow, striped like a zebra. 20 cts . each. E. variegata. 6 to 8 ft . Very beautiful. Striped lengthwise, green and yellow. 20 cts. each.


Hardy Pompon Chrysánthemums
 center with scarlet and yellow edge. 20 cts. each. Golden Glow (Double Rudbeckia). $5-7 \mathrm{ft}$. (7c.9 mo. Golden yellow flowers. ro.. eachrpostpaid. Clumps, 20c. cach, by express.

$\mathrm{ft} .6-7 \mathrm{mo}$. White flowers, like little rosettes, lacy stems. 25 cts. each.
Hibiscus, or Marsh Mallow. Flowers 6 to 7 inches
New Giant-flowering Marshmallows. 3-5 ft. $6-8 \mathrm{mo}$. Mixed colors. 35 cts . each, 3 for $\$ \mathrm{I}$, ppd. Moscheutos. 3-5 ft. 6-8 mo. Light rosy red color. 20 cts., postpaid.
Crimson-Eye. 4-6 ft. 7-8 mo. White, center velvety crimson. 20 cts. postpaid; $2-y r .25$ cts.; 3-yт. 40 cts., by express.
Helianthus multiflorus plenus Doubie Sunflower. $4 \mathrm{ft} .7^{-8} \mathrm{mo}$. Bright golden yellow. 20 cts . each.


Delphinium

## Hemerocallis (Yellow Day Lily). ${ }^{3-4} \mathrm{ft} .7^{-8}$

 mo. Lily-like flowers, golden yellow, with carmine marking. 20 cts. each, 2 for 35 cts., $\$ 2$ per doz., postpaid.Hollyhocks, Double. $6-7 \mathrm{ft} .6-9 \mathrm{mo}$. The long flowers are well suited to grow against the wall or fence. Four best colors-Yellow, Crimson, White, and Pink. (See cut.) 2oc. each. One each of the 4 colors, 75 ets., postpaid.
Single. $6-7 \mathrm{ft} .6-9$ mo. Mixed colors, 15 cts each, 3 for 40 cts., $\$ 1.25$ per doz., postpaid.

## HARDY FERNS for SHADY PLACES

HARDY LADY FERN (Asplenium Filix-fomina). IO-12 in.
EVERGREEN CHRISTMAS FERN (Aspidium acrostichoides). 12 in.
GOSSAMER FERN (Dicksonia punctilobula). 2-3 ft. CINNAMON FERN (Osmunda cinnamomea) , $2^{2-3} \mathrm{ft}$. Prices, 25 cts. each, 4 for 90 cts., postpaid; $\$ 2$ per Foxdoz., $\$ 14$ per 100, by express.

Hibiscus or Marshmallows



Hardy Ferns for Shady Places



Double Hollyhocks

## JAPAN AND GERMAN IRIS, PANSIES, ETC.



Japan Iris, the once Sacred Flower of the Japanese

## 

The grandest of all hardy Iris. The flowers are enormous, averaging from 8 to to inches across, and of most gorgeous and exquisite colors, including different shades of crimson, rose, violet, yellow, and blue, each flower usually showing several shades. They bloom during June and July, 12 to 18 inches high.

## DOUBLE VARIETIES ( 6 Petals)

No. 26. Dark rich purple, veined white. No. 44. White, veined violet.
No. 6o. White, marbled with blue. No. 94. Rich pansy-violet. Fine. No. 107. Large, pure snowy white.

SINGLE VARIETIES (3 large Petals)
No. 14. Attractive mottled purple.
No. 15. An early pure white.
No. 43. Gray-white, suffused violet.
No. 67. Late-flowering snow-white.
No. 82. Violet-purple, marbled white.

Price of any of the above, 25 cts . each, postpaid

## OFFFR $>42$ Any 6 above for $\$ 1.25$, or the entire set of 10 for $\$ 2$, postpaid

## JAPAN IRIS, MIXED VARIETIES

Named varieties, but not labeled. 20c. ea., 3 for $50 c$., $\$$ i. 50 per doz., postpaid.

## FLEUR DE LIS, or GERMAN IRIS

Oddly Enough, the National Emblem of France
These Irises are easily grown and for best results should be planted in a welldrained, sunny position, the roots barely covered. The flowers are large and handsome, and exhibit every variety of color in beautiful variegations and shades. They flower in May and June.


Platycodon


Hardy German Iris for borders 25 cts. each, postpaid. each, postpaid.

Florentina alba. Free flowering; white.
Honorabilis. Golden yellow and brown. Johan DeWitt. Violet-purple, veined with white.

La Tendresse. Soft blue, shading lighter. Mme. Chereau. White, edged light blue. Mrs. Darwin. White, violet, and gold.

NAMED VARIETIES, 20 cts. each, $\$ 2$ per doz., postpaid
German Iris, Mixed. Our selection from named kinds, not labeled. 15c. ea., \$1.50 per doz., ppd. IRIS INTERREGNA $\left.\begin{aligned} & \text { GERMANICA } \\ & \text { PUMILA HYBIDS }\end{aligned} \right\rvert\,$ Lobelia cardinalis $\begin{aligned} & \text { (Cardinal Flower) } \\ & \text { Rich, fiery cardinal }\end{aligned}$ Helge. An exquisite variety. Color is light citron with pearl-colored center; very pleasing.

## IRIS PUMILA HYBRIDA

Cyanea. Very showy, rich royal purple with blackish shadings; early flowering; dwarf. 25c.

Lathyrus (Perennial Sweet Pea). See it (Cardinal Flower).
Rich, fiery cardinal flowers; grows i to 2 ft . high. I 5 c. ea., ppd. Lychnis chalcedonica. Also called Maltese Lightning. Heads of single vermilion-scarlet flowers; plants grow 2 to 3 ft . high. I 5 c . ea., ppd. Pachysandra terminalis. Atrailing $\begin{gathered}\text { A } \\ \text { plant, } 6 \text { to } 8\end{gathered}$ inches high. Flowers during May and June. Invaluable as a ground-cover in shady places. 20c. each, postpaid; \$i4 per 1oo, by express. $\underline{\text { Platycodon (Balloon Flower, or }}$ Japanese Bellfower). Pansy Plants. $\begin{aligned} & \text { For richness and } \\ & \text { variety of coloring }\end{aligned}$ Bears violet-blue, bell-shaped flowers we believe these plants are unsurthe whole season. 15 cts. each; extralarge roots, 30 c ., 6 for $\$ \mathrm{I} .25$, postpaid. passed. ${ }^{1} 5$ cts. each, $\$ 1$ per doz., postpaid; $\$ 6$ per 1oo, by express.


Have you a place for a Pansy bed?

## FINEST $\underset{\text { herbaceous }}{\text { Doble }}$ PEONIES, PRIMULA, ETC.

## Peonies, "Aristocrats of the Flowers"

STANDARDIZED ACCORDING TO THE AUTHORITY OF THE AMERICAN PEONY SOCIETY
Peonies today show a wonderful improvement over former years. There is something of true magnificence about this aristocrat of the flowers, and in large mass planting they produce an effect that you remember-great, gorgeous blossoms, daintily dyed with the most exquisite shades, from white to the deepest reds. They are deliciously fragrant, and for effective decorations, especially on a large scale, are unsurpassed. Bloom several weeks in the spring. Height, 2 to 3 feet.
Culture.-They will grow anywhere, reasonably speaking, though they do best in rich, deep soil and a sunny position, but thrive in partial shade. Plenty of water during the growing season is an added stimulus. They require no protection and are not troubled with insects or disease.

## EIGHT GRANDEST PEONIES

COURONNE D'OR. White with a blotch of red in the center around which is a halo of yellow. Inmense, ball-shaped bloom. 75 cts. ea., ppd.
DELICATISSIMA. Color is dainty lilac-rose. The large double blooms are freely produced on tall, strong stems; fragrant. 75 cts . each, postpaid.
FELIX OROUSSE. A leading red Peony: An exceptionally striking kind, with large, double, ball-shaped blooms. Extra fine in every way. 85 cts. each, ppd. FESTIVA MAXIMA. For over fifty years this has been the standard for perfection in Peonies. The immense, perfectly double flowers are pure snow-white, with a beautiful flake of carmine in the center. 60 cts . each, postpaid.
GRANDIFLORA. Bright sea-shell-pink; overlaid with delicate lilac and sal-mon-pink-an enchanting color. 75 cts . each, postpaid.
MODESTE GUERIN. A large, handsome bloom. Color a uniform solferinored. Very free flowering and fragrant. 75 cts. each, postpaid.
MONS. JULES ELIE. Large and full; glossy pink. This is spoken of as "The King of All Peonies." Very fragrant. Si each, postpaid.
RUBRA SUPERBA. Magnificert, rich, brilliant deep crimson without stamens. Very large, full and double. Very fragrant and keeps well. 60 cts . each, postpaid.

[^3]

## TWELVE STANDARD PEONIES

Price, 50 cts. each. The set or any 12 for $\$ 5$, delivered Delachei. Dark red with crimson reflex. Marie Lemoine. Large; ivory-white. Duehesse de Nemours. Large, white. Mme. de Verneville. Sulphur-white. Edulis superba. Beautiful clear pink. Jeanne d'Arc. Pink, rose center. La Tulipe. Delicate blush-white. Louis Van Houtte. Violaceous red.

Mme. de Verneville, Sulphur-white.
Meissonier. Brilliant crimson; large. Queen Victoria. Excellent early white. Rose d'Amour. Delicate rose color. Victoire Modeste. Rose, center white.

## OFFER $>43 \mathbf{a}$ Any 5 of above for $\$ 2.25$, or the set of 12 for $\$ 5$, postpaid

## PEONY, OFFICINALIS

## EARLIEST TO BLOOM. PRICE, 40 CTS. EACH, POSTPAID

These are the real old-fashioned Peonies of our grandmothers' day. They bloom earliest of all. The flowers are large, full, double and fragrant. Three varieties: Alba, blush-white; Rosea, bright rose-pink; Rubra, brilliant, glowing deep crimson.

## \&FFER $\rightarrow 43 \mathrm{~B}$ The above 3 Officinalis Peonies for $\$ 1$, postpaid

PEONIES IN COLOR-NOT NAMED-RED, WHITE AND PINK
Price, 40 cts. each, 3 for $\$ 1,12$ for $\$ 3.75$, postpaid
DOUBLE PEONIES, MIXED VARIETIES
Good kinds. 35 cts. each, 3 for 90 cts.. 12 for $\$ 3.50$, postpaid

Physostegia virginica. 3 to 4 ft . $7-9$ mo. Bears spikes of midsummer. I5 cts. each.

## Plumbago Larpentae

(Leadwort). 4-6 in. 6-10 mo. On account of its low growth it is especially suitable for bordering beds, and the deep blue flowers blooming continually make it a constant delight. Plant 6 to 8 inches apart. Splendid for rockeries, also for planting in solid beds. 20 cts. 1 each, 12 for $\$ 2$, postpaid; \$12 per ioo, by express.

## HARDY PERENNIAL PHLOX, ORIENTAL POPPIES, HARDY PINKS, ETC.

## THE CHOICEST HARDY PHLOX

The improved varieties of Hardy Perennial Phlox which we offer are among the handsomest and most useful of hardy herbaceous plants. The flowers are large, and borne in massive heads of most brilliant colors. The plants are perfectly hardy, and when established will bloom on year after year, with little or no attention. There are few plants that with so little care will make such a handsome display of brilliantly colored flowers every season. To obtain best results, the soil for them should be deeply dug and have incorporated into it some well-decayed manure. They will be better if given water during a dry spell and a mulch of manure for the winter.

## SELECT NEW VARIETIES-THE VERY BEST (6-10 mo.)

 Price, 30 cts. each, postpaidB. Comte. Brilliant, rich French purple; an unusually fine sort. Elizabeth Campbell. Bright salmonpink with dark crimson eye.

Thor. Salmon-pink, with a scarlet glow. W.C.Egan. Exquisite, indescribable pink. OOFFPD large crimson eye.
OOFFER $>44$ The above 5 new and rare varieties of Phlox for $\$ 1.25$, postpaid

## 12 STANDARD VARIETIES-ALL EXCELLENT (6-10 mo.)

## Price of standard varieties of Phlox, 20c. each, $\$ 2$ per doz., postpaid

Antonin Mercie. Light ground-color, half of each petal suffused bluish lilac. Bacchante. Tyrian rose with crimsoncarmine eye.
Frau Anton Buchner. The finest and largest pure white.
Henry Murger. White, carmine center. Jeanne d'Arc. Pure white; late. La Vague. Mauve, with red eye.

## OFFER 44a The full set of 12 standard Phlox for $\$ 2$, postpaid


Blooms from May till frost. Large white flowers with lilac eye. 25 c. ea., postpaid.
Phlox divaricata canadensis.
io in. 4-5 mo. Makes a mass of laven-der-colored flowers. 20 cts . each.


Phlox subulata Moss Pink, or $9^{\text {in. } 4-5}$ mo. Has moss-like foliage which in spring is hidden under masses of pink-and-white flowers; invaluable for covering graves. ${ }^{15}$ c. each, 3 for 40 cts ., ppd.
Poppy, Hardy, Oriental Mammo. Glowing scarlet; extremely showy and attractive. 25 cts . each.
Princess Victoria Louise. Salmonpink. 25 cts . each.
Pyrethrum hybridum. ${ }^{\mathrm{I}-2 \mathrm{ft} .} 6$
like flowers in different colors, very lasting when cut. Mixed colors. 20 cts. ea.


Hardy Phlox. Blooms 6 to 8 weeks
Hardy Perennial Phlox looks best in
for which order 25 of a $30-c t$ 25 of a 20 -ct. kind at $\$ 4$, by express.

## HARDY GARDEN PINKS

For Borders and Edging. 9-12 in. 5-6 mo. Elsie. Bright rose, maroon center. 15 cts . Essex Witch. Delicate pink, fringed. I 5 c. Excelsior. Rose-pink. I5 cts.
Gertrude. White, marked maroon. I5c. Homer. Rosy red, with dark center. I5c. Her Majesty. White, clove-scented. I 5 c . May Gray. Purple, marked white. I5c. Dianthus plumarius delicatus. Silvery mauve. 25 cts.
OFFER 44b. Above 8 for $\$ 1.20$, postpaid.
Hardy Pinks, our selection, 12 cts. each, 4 for 40 cts., 12 for $\$ 1$, postpaid


Sweet Williams. See next page


Dianthus, or Hardy Pinks

## Hardy Perennials

## VIOLETS, SWEET WILLIAMS, SPIREAS, YUCCAS, ETC.

## SWEET VIOLETS

Violets are great favorites and do well in the open ground. If given a sheltered place, they will usually begin to bloom before the snow is gone, and continue bearing their lovely flowers for several months. The double varieties are not so vigorous in growth as the singles.

Price, 15 cts. each, postpaid, unless otherwise noted.
Governor Herrick. (Dorsett.) The single flowers are rich, dark purple and are carried erect on long, strong stems. For freedom of bloom this new variety outclasses all others. Very fragrant.
Lady Hume Campbell. The flowers are perfectly double, like little roses, lovely azure-blue and delightfully fragrant. Straight, strong stems. Princess of Wales. Flowers are single, very large, and borne on stems io to 12 inches long. The color is true Violet-blue. This is one of the very best to grow for cut-flowers.
Admiral Avellan, the "Red" Violet, so called. The color is a deep shade of rich violet-crimson, quite distinct from any other kind. 25 c . each, ppd. Swanley White. The finest and best white Violet in cultivation; profuse bloomer, perfectly double and exquisitely fragrant.
Hardy Double English Violet (also called Double Russian). This Violet is entirely hardy, perfectly double, and most deliciously fragrant. Color, a deep violet-purple. The habit is robust, small plants making fineflowering clumps if planted early. 25 cts . each, postpaid.
EOFFER $>45 \begin{aligned} & \text { The above set of } 6 \text { Violets, } \$ 1 \text {, or } 2 \text { of each, } 12 \text { in all, } \\ & \text { for } \$ 1.75 \text {, postpaid. }\end{aligned}$
Bargain sOFFFR $>45 a{ }^{2}$ LADY HUME CAMPBELL, ${ }^{2}$ HERRICK, 3 SWANLEY WHITE, and 1 HARDY DOUBLE ENGLISH. 10 Lovely Sweet Violets for \$1, postpaid
VIOLET-CULTURE. 239 pages. Very instructive book. \$1.50, postpaid.

## LET US SELECT FOR YOU AS FOLLOWS:

## Your money will buy more this way

For those unaccustomed to this class of plants we will select carefully and send prepaid at the following reduced prices:


## Red-Hot Poker, or Flaming Torch Plant

(Tritoma Pfizeri). 2-3 ft. 8-10 mo. Bears large clusters of brilliant orange-scarlet flowers. See illustration on page 44. Strong roots, 20 cts . each, 6 for $\$ \mathrm{I}$, postpaid; extra size, 35 cts . each, or 3 for $\$ \mathbf{I}$, by express.
Sage, Mammoth. I ft. Highly valued for flavoring. One plant of
 ore leaves than a dozen of the common Sage. 20 cts . each, 6 for 90 cts ., post paid.

Yucca, or Adam's Needle (see page 40)


West Grove, Penna.

Spearmint (Mentha spicata). In great deglossy green, spicy leaves and produc purplish flowers. 20 cts . each, postpaid.

## Spiraea Naarden (Goat's Beard, or Meadow with large sweet). A new variety,

 foliage. 25 cts. each, postpaid.Sweet William (Dianthus barbatus). I-2 ft. 6-8 mo. Makes splendid heads of flowers on strong stems. Mixed colors, 20c., ppd. Veronica spicata (Speedwell). 2-4 ft. 6-8 blue flowers. 20 cts . each, postpaid.
Vinca minor (Periwinkle, or Trailing Myrtle). green, trailing $3^{-4}$ in. $5^{-6} \mathrm{mo}$. A dwarf, everunder trees and places where other plants die. 15 cts . each, I2 for $\$ 1$, postpaid.
Yucca. See Adam's Needle, page 40.


Spiraea Naarden

## HARDY ORNAMENTAL SHRUBS

Whether you have a lawn of many acres, or a humble dooryard, we commend this class of plants as indispensable to the real beauty of your home. If you select with care, you can have a succession of bloom from April to snow, to say nothing of the beautiful color, form and shadow effects of flowers, foliage and bright berries. For planting along border lines, filling in or rounding off angles or for screens to hide fences or other unsightly objects, you will find nothing more permanently pleasing than varietes listed on pages 46 to 50 . Plant in the fall or spring, about 4 feet apart.


SUMMER LILAC, or BUTTERFLY SHRUB See cut

## (Buddleia variabilis Veitchiana)

This most desirable summer-flowering shrub grows rapidly and will produce masses of bloom the first season it is set out, even the one-year plants. The blooms first appear in July, and are continuous from then until cut down by frost.

Its freedom of bloom, ease of culture, attractive violet-mauve color and delightful fragrance create a demand for it everywhere. I-yr., 20 cts.; larger size, 35 cts., postpaid; $2-y r$., 50 cts., by express.
BUDDLELA variabilis magnifica. Similar in every respect to the above, only the flowerspikes are not so long and the cc ur is deep violet-rose. I-yr. size, 20 cts.; larger size, 35 cts., postpaid; 2 -yr., 50 cts., by express.
BARBERRY, Japan (Berberis Thunbergii). See page 50.
BOXWOOD, TREE (Buxus sempervirens arbor: escens). Small, dark, evergreen leaves, always fresh and glossy. A beautiful shrub, ornamental always. 60 cts ., by express.
BOXWOOD, DWARF (Buxus sempervirens suffruticosa). For edging walks. etc. (See page 50.)

## DOUBLE ALTHEA, or ROSE OF SHARON

## (Hibiscus syriacus)

These will bloom profusely during
July and August. They grow 6 to 8 feet and are useful for tall hedges, etc.
Meehanii. Leaves variegated white and green; single flowers; satiny lavender color.
Jeanne d'Arc. Large, double, pure white flowers like roses. They remind one of the beautiful white Azaleas shown in florists' windows.
Banner. Flowers richly striped with pink and crimson. These flowers look like beautiful Pelargoniums.
Bicolor. Large, double, white flowers with red center. A beautiful variety.
Double Red. Large, well-opened, ruby-red flowers. Price of above, in $1-\mathrm{yr}$. size, 20 cts . each, postpaid; 2 -yr. size, 35 cts . each; 3 -yr. size, 50 cts . each, by express.

##  40 2-yr. size, the 5 for $\$ 1.50$; 5 in 3 -yr. size for $\$ 2.15$, by

express. A nice collection to have.

ALMOND, Double - flowering Pink. Grows 4 to 5 feet. Blooms before the leaves appear, with tassel-like flowers the whole length of the branches. I-yr., 25 cts., ppd.; 2 -yr., 40 cts., by express. A. Double-flowering White. Iyr., 25c., ppd.; 2-yr., 40c., by exp.
CALYCANTHUS ("Allspice," Sweet-scented Shrub, or Strawberry Shrub). Grows 5 to 6 ft . The dark crimson flowers that come in June are prized on account of their pungent fragrance. 15 cts., postpaid; 2 -yr., 35 cts., by express. (See cut above.)
CERCIS japonica (Japan Judas Tree). Flowers are rose-pink with a purple cast, and come in solid clusters before the leaves. The bright flowers are followed by large heart-shaped foliage. ${ }^{25} \mathrm{c}$., ppd.; larger, 35 c ., by exp.
CORCHORUS (Kerria japonica flore-pleno). Double, orange-yellow flowers, borne abundantly in May. I-yr. size, 15 cts., postpaid; 2-yr., 35 cts., by express.
COTONEASTER horizontalis. (Prostrate Cotoneaster.) One of the most effective fruiting evergreen shrubs for rockeries, etc. A low shrub with spreading branches, bearing small pink flowers and red fruit. The beautiful dark green foliage is retained during the winter. Price, 50 cts. each, by express.

## ABELIA GRANDIFLORA

(Bush Arbutus) See cut below
This magnificent flowering shrub should be used in every planting of shrubs on account of its unusual beauty. The exquisite white flowers, faintly flushed with pink, almost cover the bush all summer. I-yr., 25 cts., ppd.; larger, 35 cts., by exp.


## DEUTZIAS, FORSYTHIAS, HYDRANGEAS, ETC.

## FIVE DAINTY DEUTZIAS

A most desirable class of shrubs; hardy and strong growers and bearing numerous small clusters of flowers in the early summer. Highly valued for yard, lawn, park, and cemetery planting.
D. gracilis. $21 / 2$ to 3 feet. Of compact, bushy growth, and in May completely covered with pure white, bell-shaped flowers.
D. gracilis rosea. Like the above, except that flowers are a beautiful pink and most attractive.
D. Lemoinei. One of the best dwarf hardy shrubs. Flowers come in cone-shaped heads of purest white, which open out when full. D. crenata rosea. Grows 4 to 6 feet. Flowers pink, bell-shaped. D. crenata, Pride of Rochester. Grows 4 to 6 feet. Beautiful double flowers, pure white tinged with blush; blooms profusely.
Prices: 1-yr. plants, 20 cts ., postpaid; 2 -yr., 35 cts ; ; 3 -yr., 60 cts ., by express.

## EOPPFR $>47 \begin{aligned} & \text { The } 5 \text { Deutzias, } 1-y r . \text { size, for } 75 \text { cts., postpaid; } 2-y r \text {. } \\ & \text { size, } \$ 1.25 \text {; the } 5 \text { in } 3-y r \text {, size, } \$ 2.25, \text { by express. }\end{aligned}$

EUONYMUS japonicus. An upright, evergreen shrub with handsome foliage that shines as if varnished. I-yr. size, 20 cts., postpaid; 2 -yr. size, 35 cts.; 3 -yr. size, 50 cts., by express.



Hydrangea paniculata grandiflora

FORSYTHIA viridissima (Golden Bells). April. 5 to 6 feet. Bears long rows of bright golden yellow flowers. Splendid for mass planting.
F. Fortunei. April. Color deeper yellow than Viridissima. Erect branches and handsome, broad, dark green leaves.
Prices for Forsythias: 20 cts. each, postpaid; 2-yr. size, 35 cts.; 3-yr. size, 50 cts., by express HONEYSUCKLE, BUSH (Lonicera tatarica). Grows 6 to io feet, and blooms early in the spring. An old-fashioned shrub, with sturdy, oak-like habit, good foliage, especially useful for screens and masses. Profusion of lovely white flowers in May and June, followed by translucent berries in the fall. 1 -yr. size, 20 cts ., postpaid; 2 -yr., 35 cts.; 3 -yr., 50 cts ., by express.

## HYDRANGEA PANICULATA GRANDIFLORA

## BLOOMS IN AUGUST. SEPTEMBER. AND OCTOBER

The flowers are rich, creamy white, changing to pink, and borne in immense clusters, often more than a foot long; it blooms in August, the first and every succeeding year, and continues in bloom for months. It is entirely hardy, no trouble to grow, and splendid effects can be obtained with this free-flowering shrub by planting it in masses along driveways, in groups among shrubbery or as a center for beds.
1 -yr. size, to bloom this year, 25 cts . each, $\$ 2.50$, per doz., postpaid; 2 -yr. size, 35 cts . each, $\$ 3$ per doz., $\$ 20$ per 100 ; 3 -yr. size, 50 cts. each, $\$ 4.50$ per doz., $\$ 35$ per 100 ; 4 -yr. size, $\$ 1$ each, $\$ 7.50$ per doz., by express.
HYDRANGEA paniculata grandiflora, Standard or Tree Form. 75 cts . and \$1 each, according to size, by exp. only.

## HYDRANGEA, "HILLS OF SNOW"

(H. arborescens grandiflora) see cut

One of the most valuable characteristics of this shrub is its coming into bloom just after the passing of all the early spring flowers, while its long flowering season, from June till late August, makes it an acquisition on any lawn. The heads of flowers are produced on long, strong stems, making them good for cutting for indoor decoration and at a time when few other flowers can be obtained.
1 -yr. size, 25 c.; extra 1 -yr. size, 35 c., postpaid; 2 -yr. size, 50 c.; extra size, $\$ 1$, by exp.

## NEW FRENCH HYDRANGEAS ( H . hortensis)

These cannot be listed with the hardy shrubs as they are not entirely hardy in this latitude. They are charming for porch and house-front decoration, and are offeted on page 60 .

## DECORATIVE JAPANESE MAPLE

Aureum. Golden yellow leaves, bright and showy. $\$ 2$ each, by express.

"Hills of Snow," or Snowball Hydrangea

## LILACS, MOCK ORANGES, SNOWBALLS, ETC.

## LILAC (Syringa)

Nearly every one is fond of Lilac blossoms. Their sweet fragrance comes with the first breath of spring, and their delicate colors of blue and white seem like a legacy from our grandmother's garden. Still popular. They bloom in May, and grow to 8 or Io feet in height.
Old-Fashioned or Common Lilac (S. vulgaris). Strong, vigorous, upright growth; rich, dark green foliage and large panicles of fragrant purple flowers.
Standard White Lilac (S. vulgaris alba). Same habit of growth as above, but with pure white, fragrant flowers.
Persian Lilac, Purple (S. persica). 7 to 8 feet. A neat, handsome-growing little tree, with slender branches and long, narrow foliage, and a great favorite for planting in dooryard and lawn. Blooms early in the spring; the flowers grow in immense clusters; deep rich purple, and deliciously sweet.
Persian Lilac, White (S. persica alba). Similar to the purple, but pure white and very fragrant.

Price of Lilacs, in 2 -year size only, 50 cts. each, or 4 for $\$ 1.50$, by express


## PURPLE FRINGE

Smoke or Mist Tree (Rhus Cotinus)
Grows 8 to 9 feet. An old-time shrub or small tree of irregular habit. In summer it is enveloped with a mass of fleecy purple bloom resembling smoke or mist. I-yr., 25 cts. each, postpaid; $2-\mathrm{yr}$., 50 cts., by express.


Lilac (Syringa) Deliciously Fragrant

## PHILADELPHUS

(mock orange) Four varieties
P. coronarius. The fragrant white flowers come in May on a bush of erect, compact habit. I-yr., 20 cts ., postpaid; 2 -yr., 35 cts.; 3 -yr., 50 cts ., by express.
Po, Avalanche. Very large white flowers on slender branches which arch gracefully. I-yr. size only, 30 cts., postpaid.
P., Bouquet Blanc. Large white flowers, produced in immense quantities. A new and notable variety. 1 -yr. only, 30 cts., postpaid.
P., Manteau d'Hermine. A dwarf variety for rockeries, etc. Very small leaves; flowers white. I-yr. only, 30 cts ., postpaid.

## A CHOICE SELECTION OF FLOWERING SHRUBS THAT WILL GIVE BLOOM EROM APRIL TO SEPTEMBER

## 2 Altheas (2 colors) <br> 1 Buddleia <br> 2 Weigelas (2 vars.) <br> 2 Spireas (2 vars.)

 1 Philadelphu2 Deutzias (2 vars.)
1 Forsythia OFFER 48. The above 12 Hardy Shrubs, $\$ 1.50$, postpaid; or 2 -yr. size, the 12 for $\$ 3$, by express

LET C. \& J. FLOWERING
SHRUBS BEAUTIFY
YOUR PROPERTY AND increase its value

## (See cut JAPAN SNOWBALL (Viburnum <br> (5age 49) JAPAN SNOWBALL plicatum)

Pure white flowers in dense, globular clusters, 4 to 5 inches in diameter, which look like balls of snow. The plant grows 6 feet and over, and the blooms fairly cover the bush. I-yr. size, 20 cts. each, postpaid; 2 -yr., 35 cts. each; extra 2 -yr., 50 cts. each; extralarge plants, splendid specimens, $\$ 1$ each, by express.
JAPAN SNOWBALL (Viburnum plicatum). In tree form, \$I each, by express.
COMMON SNOWBALL (Viburnum Opulus sterile). June. 6 to 9 feet. Bears beautiful masses of flowers. 1-yr., I5 cts. each, postpaid; 2 -yr., 25 cts.; 3 -yr., 40 cts. each, by express.

## SNOWBERRY (Symphoricarpos racemosus)

A small, native shrub that grows well in almost any soil and succeeds in shaded locations. It is quite hardy, produces small white or pinkish flowers in July and August, and these are succeeded by abundant white berries that last well into the winter. (See cut.) 1-yr., 20c., postpaid; 2-yr., 35c.; 3-yr., 50 c ., by exp.


Berries of Symphoricarpos racemosus (Snowberry)

## CHOICEST SPIREAS, WEIGELAS, ETC.



The beautiful Spiraea Van Houttei

## FIVE CHOICEST SPIREAS

Van Houtte's Spirea. Blooms in May and June and grows 5 to 6 feet in height: An immense bloomer, with pure snow-white flowers, borne in plume-shaped clusters all over the plant Makes an attractive hedge. This is the most popular hardy Spirea now grown. (See cut.)
Anthony Waterer. The perpetual-blooming Red Spirea. Makes nice, shapely bushes 2 to 3 feet high; begins to bear its large, Hat clusters of rich, rosy red flowers almost as soon as planted and continues blooming at short intervals all through the summer and fall. Makes fine single specimens.
Bridal Wreath Spirea (S. prunifolia). Flowers white and double like little roses, borne in great profusion the whole length of the branches; blooms early in spring.
Golden Spirea ( $S$. aurea). Golden yellow foliage and small, white flowers; contrasts splendidly with the other Spireas. In 1-yr. size only.
Blue Spirea (Caryopteris Mastacanthus, or Verbena Shrub). This is the finest blueflowering shrub we have; makes neat, compact bushes, 18 inches to 2 feet high; begins to bloom in August and continues loaded with lovely sky-blue flowers until frost. The foliage has a peculiar, spicy fragrance.
Prices of Spireas: 1 -yr. size, 20 cts. each, ppd.; $2-\mathrm{yr}$. size, 35 cts ; 3 -yr. size, $50 \mathrm{cts} .$, by express.
DOFIER $>49$ The above 5 Spireas in 1 -gr. (0.2. 4 in $2-\mathrm{yr}$. size (omitting Golden Spirea) for $\$ 1.20$; in 3 -ry. size the 4 for 51.70 , by express.

## WHITE FRINGE (Chionanthus

Grows 8 to to feet. In June the graceful, lace-like, white flowers hang in drooping panicles between the rich dark leaves, and come in such profusion as almost to hide the foliage. I-yr. size, 25 cts. each, postpaid; 2 -yr., 35 cts.; 3-yr., 50 cts., by express.


Weigela candida

Japan Snowball (Viburnum plicatum). See page 48

## FREE-FLOWERING WEIGELAS

These may be planted in the sun or shade. They make a broad, vigorous growth 5 to 8 feet in height. In the spring the entire branches are covered with white, pink or red, trumpetshaped flowers.
Eva Rathke. The everblooming Weigela. It has splendid foliage, and the lovely, dark red flowers, with creamy white markings, produce an effect not to be had in any other shrub. The flowers are produced continuously.

Candida. Flowers pure white, borne in great clusters in June and occasionally throughout the summer. (See cut.)
Rosea. Makes a large, handsome bush, with rose-pink flowers in great profusion.
Rosea nana variegata. The flowers are soft pink. Foliage is very attractive, being bordered with creamy white; desirable for planting among your dark-leaved shrubbery, to lighten it and also give variety to your collection.
Price: 20c. each, postpaid; 2-yr. size, 35 cts ; 3 -yr. size, 50 cts., by express.
 the 4 for $\$ 1.25$; $3-y r$., the 4 for $\$ 1.75$, by express.

## A Poorly Planted Place Is an Eyesore.

## Make It Pleasing to Look at Instead

Our 24-Page Booklet

## "Beautify Your Yard"

Tells how to make and plant lawns, borders, terraces, etc. Well illustrated and very instructive. Price, 10 cts ., postpaid

## USEFUL ORNAMENTAL HEDGES

Beautiful hedges add much to the appearance of a property, and are everywhere coming into more general use. They look better than fences, last longer and cost less. When once established, they require only a little cultivation and pruning each year to keep them the desired shape and size. A fence is more trouble; a hedge grows better looking every year.


An attractive hedge of Japan Barberry. It is chicken-proof, dog-proof, cattle-proof, and also ornamental

## JAPAN BARBERRY

## (Berberis Thunbergii) Hardy Everywhere

Look around, next time you go out, and note the difference between a property with a neatly kept hedge and a hedgeless one. A hedge, even when young and just planted, increases the value of the property at once and out of all proportion to the cost of the plants. Order yours now.

Japan Barberry is the ideal shrub and hedge plant, gracefully beautiful in summer, with its arching thorny branches thickly covered with small, fine, rich green leaves, which change in the autumn to a unique fiery crimson. Its pretty, drooping, yellow flowers are followed by clusters of brilliant red berries that remain after the leaves are gone and delight the birds.

Buyers for important park systems come to us for Barberry, because our stock is grown, not from seeds, but from cuttings, and produces a uniform, shapely hedge. Extra-fine specimen plants, \$1 each, by express.

| Prices prepaid: | Each | Doz. | 100 | 1,000 |
| :---: | :---: | :---: | :---: | :---: |
| 1-year size. | \$0 15 | \$1 25 | \$7 50 |  |
| Extra 1-year size | 25 | 225 | 1400 |  |
| Prices by express collect: |  |  |  |  |
| 1-year size |  | 100 | 600 | \$50 00 |
| Extra 1-year size |  |  | 1100 | 9000 |
| 2-year sizel. | 35 | 250 | 1500 | 12000 |
| 3-year size | 50 | 350 | 2500 |  |
| Specimen | 75 | 600 |  |  |



California Privet. Can be trimmed and shaped at any time without injury

## HARDY ORNAMENTAL SHRUBS

 FOR HEDGES ${ }^{100}$ of any of these at 75 times single-rate price
## Altheas. Splendid for screens and windbreaks, as they grow

 from 8 to 12 feet in height. They bloom profusely from July to September. Five varieties offered on page 46.Hydrangea paniculata grandiflora. Note the illustraThis makes a unique hedge and blooms from July till frost.
Spiraea Vanhouttei. No more graceful hedge can be had than from this Spirea. When in bloom the foliage is almost hidden. See page 49.
Rose Hedges. Rugosa Roses are excellent for this purpose, also the hardy cimbers. We offer from 30 to 40 varieties in these classes. See Rose Index, pages 4 and 5 .

## BOX EDGING (Buxus sempervirens suffruticosa)

The old-fashioned dwarf edging plant. Grows only about 15 inches high. There are some gardens in this country where the pathways are edged with Box plants (like these) over 100 years old. Always dwarf and of slow growth, hardy and evergreen. Plant in single or double rows 4 to 6 inches apart. Prices, 4 - to 5 -in. plants, $\$ \mathrm{I} .25$ per doz., $\$ 8$ per ioo, by express.

## CALIFORNIA PRIVET <br> (Ligustrum ovalifolium)

## Most Popular Hedge Plant

A remarkably vigorous grower, compact and regular in form, with glossy, wax-like foliage. It is by many recognized as the Ideal Hedge Plant. Thrives in all kinds of soils and situations, in sun or shade, around railroads or smoky factories, and for seashore planting it is one of the best. Extensively planted in hot, dry, southern soils; is never troubled by insects and will withstand shearing at all seasons. Plant 6 to 9 inches apart. Our plants are thrifty and well rooted. Io cts. each, 3 for 25 cts., 50 for $\$ 2.50$, delivered. For prices on larger quantities, see below.

|  | 100 | I,000 | , |
| :---: | :---: | :---: | :---: |
| 12 to 18 inches | $\$ 400$ | \$30 00 |  |
| 18 to 24 inches | 500 | 4000 | 250 at 1,000 |
| 2 to 3 feet | 700 | 6000 | rate, by express |

## BEAUTIFUL HARDY CLIMBING VINES



Vines and Climbers are indispensable for beautifying one's place, especially near the house. Plant Clematis, Climbing Roses, and Honeysuckles about the front porches, with perhaps a vine or two of the Chinese Wistaria to climb as high as the roof. Stone or brick walls are always. prettier when ivy-clad. If you have a trellis to cover, or want a screen for certain buildings, get Honeysuckles, and if you need something to cover a large space quickly, plant the Kudzu Vine. Try the Trumpet Creeper if you wish to have something spectacular.

## SWEET-SCENTED JAPAN CLEMATISorVIRGIN'S BOWER


#### Abstract

Tras (As shown in illustration)

\section*{Clematis paniculata}

Flowers small rich creamy white, borne in handsome clusters, completely covering the vine, and the flowers are followed by silvery, feathery seed-pods which keep the vine attractive until mid-winter; exceedingly fragrant. The sweetest of all Clematis, and one of the hardiest and easiest to grow. Good, strong plants, 25 cts. each, $\$ 1.50$ per doz.; 2 -yr. plants, 40 cts. each, 3 for $\$ 1, \$ 3.50$ per doz., all postpaid.


## HARDY ENGLISH or LARGEFLOWERED CLEMATIS

## Cultural Directions

Clematis should have rich, deep soil. They should be tied to supports as soon as they have made even a few inches of growth. If allowed to be blown back and forth by the wind, the outer bark gets split, as a result of which the plant is likely to die. We do not guarantee the English Clematis to grow.
Jackmanii. Bears splendid purple flowers. This variety should be pruned in November.
Ville de Lyon. Beautiful wine-red. Coccinea. Everblooming. Bright coral-red, bell-shaped fowers.
Henryi. Rich creamy white.
2 -yr. plants, 50 c. ea., 3 for $\$ 1.25$; 3 -yr. plants, 75 c . each, 3 for $\$ 2$, postpaid

## SWEET-SCENTED HONEYSUCKLES

Honeysuckles are vigorous growers, not troubled with insects or disease, and are very desirable for shade and shelter. Several varieties are almost evergreen.
Everblooming Honeysuckle, Heckrottii. Flowers are carmine, with golden apricot center. An unceasing bloomer. (See illustration.)
The Beautiful Halliana Honeysuckle. This variety is intensely sweet scented. A constant and most profuse bloomer; flowers buff-yellow, passing to white. Evergreen Sweet-scented Honeysuckle. A hardy, vigorous grower; deliciously sweet; flowers buff, yellow, and white.
Golden-leaved Honeysuckle. Slender, moderate grower; leaves beautifully veined and netted with clear yellow; flowers yellow and sweet scented.
Hendersonii. Brilliant orange-red with bright yellow at the mouth of the flowers that are produced throughout the growing season.
Red Coral Honeysuckle. A hardy, rapid grower, suitable for rockwork, walls, etc. Flowers coral-red, very pretty.

Price for all: 1 -yr., 20 cts., postpaid; 2 -yr., 35 cts.; 3 -yr., 50 cts., by express

FOFFER $51 \begin{aligned} & \text { One each of the above } 6 \text { Honeysuckles in } 11 \text {-y. size, } 90 \text { cts. postpaid; in }\end{aligned}$ One each of the above 6 Honeysurkles in 1 -yr. size, 90 cts.
2 -yr. size, the 6 for $\$ 1.75$; in 3 -yr. plants, 22.50 , by express.

## MAGNIFICENT WISTARIAS

Wistarias are rapid growers and will climb to the roof of a house if given support. The long flower-clusters are beautiful in early spring. Our plants are grafted (not seedlings) from specially selected stock; hence they are sure bloomers.

Price for all: 35 cts. and 60 cts. each, according to size, by express. Multijuga. A Japanese variety. Flowers purple. The clusters are immense, often 2 to 3 feet long.

Magnifica. Soft lavender-blue. Chinese White. Silvery white flowers. Chinese Blue. Violet-purple flowers.

For Annual Climbers, Moonflowers, etc., see page 53


## CHOICE HARDY CLIMBERS AND CLINGING VINES



Dutchman's Pipe vine makes a cool place on a hot day

## DUTCHMAN'S PIPE (Aristolochia Sipho)

There is no better hardy climbing vine for shade or screen purposes. The flowers are long and pipe-shaped, and the large, heart-shaped, deep green leaves, for which it is most valued, seem never to be troubled with either insects or disease. (See illustration.) Strong plants, 2 to 3 ft ., 35 cts . each, postpaid; larger plants, 3 to +ft ., 50 cts. each, by express.

## Apios tuberosa (Tuberous-rooted Wistaria). A rapid-

 growing, slender, climbing vine, bearing clusters of pale blue flowers followed by fruits like small cucumbers. Strong bulbs, 3 for Io cts., postpaid.Kudzu Vine (Dolichos japonicus; Pueraria Thunbergiana). and hardy climber; will run 30 to 40 feet in a season, and quickly cover porches, fences, tall trees, etc. Bears small racemes of rosy purple, pea-shaped flowers late in summer. Strong roots, 30 cts . each; larger size, 50 cts. each, 6 for $\$ 1.75$, postpaid.
Lathyrus (Perennial Flowering Pea). Similar to our wellknown sweet peas, but entirely hardy. Blooms in clusters from June until frost. Three distinct colors: Red, Pink, and White. 20 cts. each, postpaid.

## THE FOUR LEADING IVIES

Japan or Boston Ivy (Ampelopsis Veitchii). The handsome, deep green foliage changes in autumn to crimson. 20 cts. each, 2 for 35 cts ; 2 -yr. plants, 35 cts. each, 2 for 60 cts ; extra-strong, 2 -year plants, 50 cts. each, 3 for $\$ 1.25$, postpaid.
American Ivy
(Ampelopsis quinquefolia). The true Virginia Creeper; hardy and noted for its brilliantly colored foliage in autumn. 20 cts . each, $\$ 2$ per doz.; 2 -yr., 35 cts. each, $\$ 3$ per doz.; 3-yr., 50 cts . each, $\$ 4$ per doz., postpaid.
New Japanese Ivy (Ampelopsis Lowii). The leaves of graceful than those of this variety are deeper cut and more graceful than those of any other Ampelopsis. 25 cts. each; stronger plants, 40 cts . each, post paid.
Hardy English Ivy (Hedera helix). A hardy, evergreen green leaves. Much used for covering walls of churches, etc., and for cemetery work. 20 cts. each, $\$ 2$ per doz.; large size, 35 cts. each, $\$ 3.50$ per doz., postpaid.

Akebia quinata. A beautiful hardy climbing vine with rich, dark green foliage and producing in early spring numberless bunches of violet-brown flowers which have a pleasant cinnamon fragrance. One of the prettiest hardy vines we offer, and a rapid climber, suitable for porches. 2 -yr. size only, 35 cts . each, postpaid.

## Bignonia grandiflora (The Mammoth-flowered Trumpet

 will grow 8 to io feet in a season, and is perfectly hardy. Through July and August it bears immense quantities of great, orange-red, trumpet-shaped flowers. This beautiful plant will cling to any support and it is one of the most spectacular, hardy, late summer vines we know, as the flowers come in immense quantities. One size only, 50 cts. each, by express.Celastrus scandens (Native Bittersweet). Makes rapid tive foliage and yellow flowers in June, followed in the autumn with bright orange fruit which usually remains all winter. Strong plants, 50 cts. each, by express.
Chinese Matrimony Vine (Lycium barbarum). Astrong, hardy Chinese Matrimony Vine climbing vine. Bright rosy purple flowers, followed by brilliant scarlet berries; makes a dense, thick growth; a nice shelter for birds. 20 cts. each, postpaid; 2 -y'r. size, 35 cts. each; 3 -yr., 50 cts., by express.
Cinnamon Vine. A rapid-growing climbing vine, taking its name from the delicious fragrance of its charming, tiny white flowers, which are borne in elegant clusters. Strong roots, 5 cts. each, 50 cts. per doz.; extra-size roots, 15 cts. each, postpaid.

## EUONYMUS

## (THREE

VARIETIES)
Dense-growing, evergreen vines, climbing by aërial roots, often reaching 15 to 20 feet high. They bear pretty fruits and make good growth if planted in rich soil.
E. radicans. Small, rich green leaves; a splendid wall-covering.
E. radicans variegata. Leaves green and white.

Price: Either above varieties, 20 cts. each, postpaid; extra size, 35 cts., by express.
E. radicans vegeta. (New.) A large-leaved form that is increasing in popularity as its merits become known. 25 cts., postpaid.


Hardy Vines and Climbers

## RAPID-GROWING SUMMER VINES



White Moonflowers

The Magnolia-scented White Moonflower (Ipomea noctiphyton). A
grows 15 to 20 feet high; makes a nice shade for porchatifur summer climber; grows 15 to 20 feet high; makes a nice shade for porches or trellises, and bears a profusion of large, trumpet-shaped, snow-white flowers, richly scented and very beautiful. I 5 cts. each, $\$ 1$ - 50 per doz., ppd. (See cut.)
The Blue Dawn Flower (Ipomaca Learii). A strong, vigorous climbing vine, which will soon cover a porch trellis with handsome foliage and large, bell-shaped flowers of pure heavenly blue. A nice companion for the white Moonflower. Strong plants, 15 cts . each, $\$ 1.50$ per doz., postpaid. OFFER 53. The above two for 25 cts., postpaid

## Cardinal Climber (Ipomea Quamorlit). At-

 tains a height of 30 feet in a season. It has beautiful fern-like foliage and produces quantities of circular, fiery car-dinal-red flowers in clusters. 20 cts. ea., ppd. Trailing Begonia (Cissus discolor). An Dark crimson stems and foliage like the choicest Rex Begonia. 20 cts. each, ppd. Parlor Ivy. Grows very quickly and pretty green foliage. 15 cts. each, 2 for 25 cts., ppd. Madeira Vine. A quick-growing climber, which fowers. Roots, for Tradescantia variegata (Wandering Jew). leaves, striped crimson, Freen and silver Fine for hanging baskets. ${ }^{15}$ c. ea., 2 for 25 c ., ppd.

Passion Flower Cobaea scandens Cathedral Bells). Grows 20 to 30 feet in a season; has handsome foliage and bell-shaped, violet-blue flowers. 20 cts . each, postpaid.
$\qquad$ Elegant, low-growing, trailing vine; bright creamy white; always bright and pretty; nice for vases, baskets, window-boxes and rockeries. 15 cts . each, 6 for 75 cts ., ppd.
=OFIFR $>53$ a $\stackrel{\text { White Monvine, } 1 \text { Iluee }}{\text { Dawn Flower, }}$ and 1 Passion Vine, rapid growers to make shade this summer, the 4 for 50 cts ., postpaid.


Passion Flower; Northern Cross. Grows 8 to io feet in a season, with handsome, glossy green foliage and flowers over 5 inches across, showing a well-defined raised cross in the center, surrounded by a wonderful halo of fine sky-blue rays, underlaid with beautiful rose-pink and white petals; delightfully fragrant. 20 cts . each; larger size, 35 cts . each, postpaid. (See cut.)

## LEMON, ORANGE, AND FIG TREES $\underset{\substack{\text { growing }}}{\substack{\text { gor Pot- }}}$

 The American Wonder Lemon Fruits are immense. The flowers are pure waxy white and very sweet, like orange blossoms; the leaves are thick, glossy green, and shine as if varnished. Bears almost every month in the year. Nice mailing plants, 20 cts . each; larger size, 35 cts . each, postpaid; extra sizes, 50 cts., 75 cts ., and $\$_{1}$ each, by express.The Dwarf Otaheite Orange. It begins fruiting at once and bears flowers round. 20 cts. each; larger size, 35 cts., postpaid; extra sizes, 50 cts . and 75 cts . each, by express. Genuine Fruiting Fig (Ficus Carica). A native grow like a branch from the side of the shoot and are produced on the young wood. Fine mailingsize plants, 40 cts . each, postpaid; larger size, 75 cts . and $\$ 1$ each, by express.

## OUTDOOR GARDEN FRUITS

ST. REGIS EVERBEARING RASPBERRY
I2 for $\$ 1.25$, postpaid; 100 for $\$ 7.50$, by express.

## NIAGARA AND CONCORD GRAPES

25 cts. each, $\$ 2.50$ per doz., postpaid; 2 -year, 50 cts. each, $\$ 5$ per doz., by express.


Genuine Fruiting Fig

## ASTERS, BEGONIAS, CARNATIONS, ETC. <br> CHOICE FLOWERING BEGONIAS <br> Gloire de Chatelaine. New. Resembles the great "Gloire de Lorraine" but more easily



A branch of Begonia corallina Lucerna grown. Flowers are exquisite rosy pink and bloom abundantly. 25 cts., postpaid. Corallina Lucerna. New. Makes gigantic trusses of bronzy red flowers. Foliage spotted silver and very large. It blooms continuously (see illustration). 25 cts., postpaid.
Marguerite. Flowers pink; foliage bronze. I5 cts., postpaid.
Multiflora rosea. Bright rosy pink flowers. I 5 cts., postpaid.
President Gaulin. Pinkish white flowers and dark green foliage. 15 cts., postpaid.
Sandersonii. Fine, coral-red, heart-shaped flowers, constantly in bloom. I5 cts., postpaid
Luminosa. Dwarf in growth; foliage beautiful shiny green. Bears masses of intense coral-red flowers all the time. 25 . cts., postpaid.
Alba picta. Flowers glistening white; foliage beautiful. I5 cts., postpaid.
Ramosa picta. Flowers bright pink; handsome foliage. I5 cts., postpaid.
:0FFER $>54$
Any 5 above 15 -cent varieties, your choice for 60 cts ; or the complete set of 9 above for $\$ 1.30$, postpaid.

## HARDY Flowering Begonia, EVANSIANA

This unusual variety is perfectly hardy and grows upright, bearing its masses of exquisite coral-pink flowers on strong stems that need no support. The foliage is beautiful and decorative always, which adds greatly to the value of the plant. It spreads rapidly and is excellent for planting along the base of a porch. 20 cts . each, 3 for 50 cts ., postpaid.

## CHARMING ASTER PLANTS

In four separate colors: Pure White, Purple, Shell-Pink and Crimson. Will keep for ten days when cut. Io cts. each, 6 for 50 cts., $\$$ I per doz., postpaid.

## JAPANESE ABUTILONS (Flowering Maples)

Free flowering; drooping, bell-shaped blooms; very attractive. Savitzii. Green leaves bordered white. This-variety is usually grown for its foliage only. 20 cts . each, postpaid.
Silver-edged Souv. de Bonn. Leaves edged creamy white; flowers buff, veined with rose. I 5 cts. each, postpaid.
Thompsonii plena. Orange-yellow, veined crimson. I5c., ppd.

## ALLAMANDA WILLIAMSII

Golden yellow, lily-like flowers. A charming house plant. 20 cts . each; larger size, 35 cts. each, postpaid; extra size, 50 cts . each, by express.

Antirrhinum, or Snapdragon. Bright, showy flowers or that bloom all summer and are steadily becoming more popular. Three distinct colors -Pink, Yellow and White. 15 cts . each, 3 for 40 cts ., 12 for $\$ 1.50$; Mired Colors, 12 for $\$ 1.25$, postpaid.
Browallia. Deep violet-blue flowers 2 inches across; continual bloomer, and does especially well as an indoor pot-plant. I 5 cts. each, postpaid.
Royal Purple Bougainvillea. In great demand for masses of curious, reddish purple flowers. I 5 cts. and 25 cts . each, postpaid; 2 -yr., 40 cts., 3 -yr., 60 cts., by express.

## FOR EDGING FLOWER BEDS

ACE YRANTHES rosea. Red.
Emersonii. Leaves red and pink. For edging canna beds.
ALTERNANTHERA aurea. Yellow leaves; dwarf. Brilliantissima. Brilliant red.
Jewel. Rich carmine.
AGERATUM, White Cap. White. Lady Jane Gray. Blue flowers.
Above, 10 cts. each, 90 cts. per doz., postpaid; by express, $\$ 6$ per 100

ACALYPHA masaica. Leaves rich autumn tints.
Sanderi. Red, tasseled flowers.
Variegated-leaved. All colors.
ERVA sanguinea. (Blood Leaf.) Grand edging plant.
DUSTY MILLER. Beautiful silvery foliage plant. An excellent edging for dark-foliaged cannas.
Any of the above, 15 cts. each, $\$ 1.25$ per doz., postpaid; $\$ 7.50$ per 100, by ex.

## EVERBLOOMING CARNATIONS

Alma Ward. A grand new white; large and fragrant. 15 cts., postpaid. Beacon. A brilliant scarlet; early bloomer. I5 cts., postpaid.
Enchantress. Most beautiful rose-pink; large flower. I 5 cts., postpaid. Mrs. C. W. Ward. A beautifully formed, deep pink flower. 15 cts., postpaid. White Enchantress. Snow-white; very rich fragrance. I5 cts., postpaid. White Perfection. Dazzling white; perfect in form. I5 cts., postpaid. Victory. Magnificent scarlet; very bright. 15 cts ., postpaid.

$$
\text { -OFFLR }>54 \text { a } \begin{aligned}
& \text { The entire set of } 7 \text { free-blooming Carnations, strong } \\
& \text { plants, for } \$ 1, \text { postpaid. }
\end{aligned}
$$

"American Carnation Culture," varieties, propagation, etc. Price, \$1.50, postpaid. See page 82 for this and other books


Carnations are unsurpassed for cutting

## THE BEST CHRYSANTHEMUMS

## 4 SELECT VARIETIES

Golden Eagle (Eagle d'Or). The most glorious golden yellow Chrysanthemum in existence; has long, incurving petals and wonderful color. 25 cts. each.
Queen of the Whites. Enormous blooms of pure, snowy white. Truly a queenly flower. 25 cts . each.
Major Bonnafion. Clear yellow; globular flowers; perfect and immensely popular. Grown in great quantities for the cut-fower trade. (See illustration). 25 cts. each.
Salomon's Gold. A magnificent exhibition Chrysanthemum, with immense rich golden yellow flowers of incurved type. 25 cts. each.

## OFFER $>55 \begin{gathered}\text { One each of the above selected Chrysanthemums, } 4 \text { in all, } \\ \text { for } 90 \\ 90\end{gathered}$

## 8 EXHIBITION VARIETIES. 20 cts. each

Black Hawk. This flower looks like crimson velvet. The darkest red we offer.
Cullingfordi. Red with golden bronze reverse. Dr. Enguehardt. Pink, without a trace of purple. An unusually fine flower.
Ivory. A gem among whites and very popular.
L. Africaine. Crimson, with reverse of petals oldgold. Unusually attractive.
Miss Minnie Bailey. Bright pink flower, exquisitely tinted with lavender.
Princess of Wales. Pure, glistening, silvery white. Timothy Eaton. A large, incurved white. Fine exhibition variety.

## SOFFER $>55 \mathrm{a}$ Any 6 of the abore for $\$ 1$, or

## 10 SEPTEMBER-FLOWERING KINDS

## 20 cts. each, postpaid

Barney. A golden bronze, anemone-flowered variety.
Makes great trusses of bloom.
Estella. Large; creamy white; excellent.
Glory of the Pacific. Clear pink; very choice.
Intensity. Reflexed bright crimson.
Monrovia. A good early yellow.
Myer's Perfection. A fine pure white of the Pompon type. Grows tall and is excellent for cutting.
Pacific Supreme. An unusual shade of pink. (See cut.)
Rhoda. A most exquisite shade of apple-blossom-pink. Medium-sized flowers.
Roserie. Clear, bright pink; profuse bloomer. Makes masses of flowers if not disbudded.
Smith's Advance. The earliest large, pure white.
\&OFFER $\boldsymbol{>}$ 55b $\begin{gathered}\text { Any } 6 \text { of the above for } 90 \text { cts., or the } 10 \\ \text { for } \$ 1.50 \text {, postpaid. }\end{gathered}$

## 6 OSTRICH-PLUME VARIETIES



Pacific Suprente

Large flowers with curious hairs on each petal; on account of their odd appearance these varieties always attract attention. When planted outdoors they should be protected from frost in exposed situations.
Beauty of Truro. Rich purplish bronze; large flowers, beautifully feathered. Very showy. 20 cts. each.
Child of Two Worlds. Snow-white; splendid flower. 20 cts. each.
Leocadie Gentils. Pure deep yellow. 20 cts . each.
Louis Boehmer. Silvery pink; splendid globular form. 20 cts . each.
Monarch of Ostrich-Plumes. Chrome-yellow. 20 cts . each.
Mrs. Higginbotham. Rich pink; petals very hairy; one of the most unique. 20 cts . each.

$$
\text { EOFFER }>55 \mathrm{C} \text { Any } \begin{aligned}
& \text { An of } \\
& \text { postpaid. }
\end{aligned}
$$

SEE OUR HARDY POMPON CHRYSANTHEMUMS - PAGE 41


Ostrich-Plume variety

# SPLENDID NEW DAHLIAS 



Mina Burgle

## Novelty Collarette Dahlias

## (See cut, page 57)

Maurice Rivoire. Broad petals of ox-blood-red and a pure white, fringed collar. 25 cts . each. Souv. de Chabanne. Lemon, marked coral-red. Collar petals lemon, tipped white. 25 cts . each. OFFER 56a. Three Peony-flowered Dahlias and 2 Col-
larette Dahlias for $\$ 1.30$, postpaid

## FIELD-GROWN ROOTS, POSTPAID

Almost everywhere recognized as the most satisfactory outside fall flowers, because of the endless variety of fascinating shapes, marvelous colors and their splendid lasting qualities when cut.

We offer no ordinary list, as it represents the combined recommendations of the leading Dahlia specialists of our country. In each of the eight sections you will find the sorts which in each color class stand out as preëminently the leaders. So long as you confine yourself to these two pages you cannot miss having choice Dahlias. Plant in well-drained, rich soil, 2 feet apart to get full sunshine.

WE ARE MEMBERS OF THE AMERICAN DAHLIA SOCIETY

## The Leader

Kalif.
(Colossal Cactus.) A magnificent flower of true Cactus form. It often measures 9 inches in diameter and the pure scarlet blooms are held upright on strong, stiff stems. A great novelty. \$I each.

## Five Selected Novelties

Le Grand Manitou.

(Decorative.) The best variegated Dahlia in this type. The ground color is white, prettily spotted, striped and blotched with reddish violet. 60 cts. each.
Mina Burgle. (Decorative.) Color is rich, luminous dark scarlet. This is the Princess Juliana (Peony-Decorative.) A pure white variety of special (Peony-Decorative.) A pure white variety of special
merit. It has long, strong stems and the cut-flowers last three or four days in water. 60 cts. each.
Sweetbrier. (Cactus.) A superb Dahlia of an exquisite shade of pink. Very Sweetbrier. free bloomer. 60 cts. each.
Wolfgang von Goethe. (Catus.) Large perfect flowers of rich apricot, SOFFER $>56$ One each of the above 6 beautiful Novelties, $\$ 3$, postpaid.

## 10 GRAND DECORATIVE DAHLIAS, $\$ 1.50$



Decorative Dahlias are large, flat, perfectly double, and full to the center. Petals are broad and in most cases nearly flat.
Delice. A perfect Decorative type; beautiful, glowing rose-pink; delightfully attractive. 25 cts. each.
Jack's Discovery. White, mottled with violet-rose. 25 cts. each.
Jack Rose. Color is almost identical with the General Jacqueminot rose, brilliant crimson-red with fiery tones in the center. One plant will produce 20 to 30 large flowers. Unsurpassed for cutting. 25 cts. each.
Jeanne Charmet. Color is pink-lilac at the edges shading to pure white at the center. Immense flowers 7 to 9 inches in diameter. 20 cts. each.
Mrs. J. Gardner Cassatt. A fine cut-flower variety; color is a pleasing shade of mauve-pink, and flowers are elegantly formed. One of the newer Dalilias that has become a standard. 25 cts. each.
Papa Charmet. Bright, glowing velvety maroon. 35 cts . each.
Professor Mansfield. (Fancy.) Rich yellow, white tips and rosy center. 25 c. ea.
Souv. de Gustave Doazon. A giant in size, some flowers reaching io inches across; the largest Dahlia known in commerce. Color is an intense shade of orange-red with rich crimson shadings. Blooms profusely. 25 cts. each.
Sylvia (Dolly.) Soft, pleasing mauve-pink, gradually changing to white in the center. An especially fine cut-flower. 20 cts . each.
Yellow Duke. Beautiful primrose-yellow; fine cut-flower. 25 cts . each.
:OFFER $>56 \mathrm{bb} \underset{\text { for } \$ 2 \text {, postrtpaid. }}{\substack{\text { The a }}}$

## Flowering Bulbs

## THE CHOICEST CACTUS DAHLIAS

Cactus Dahlias are loosely and artistically formed and very irregular. They generally have long, narrow, curled petals, some varieties being straight, others gracefully incurred.
Golden Gate. A very large hybrid Cactus of a rich deep golden yellow, suffused and shaded fawn, which lights up well under artificial light, a great advantage in a cut-flower. The blooms, often 8 to 9 inches in diameter, are leathery in texture and come freely on long stiff stems. 35 cts. each.
Countess of Lonsdale. A delightful blending of salmon-pink and amber, difficult to describe but peculiarly attractive. Splendid for cutting and admired by everyone who sees it. 25 cts . each.
Floradora. Splendidly shaped, dark, velvety crimson flowers on long, strong stems; remarkably free flowering. 20 cts. each. (See cut.)
J. H. Jackson. Brilliant crimson-maroon, perfect flowers with long, pointed florets. A very dark Cactus Dahlia; early, free bloomer. 20 cts. each.
Juliet. Rosy pink, tinting lighter toward the center; very large flower with long, incurved petals. 20 cts . each.
Lawine. White with just a suggestion of blush as the flower matures; a fine, full, large flower. 20 cts. each.
Nerthus. A giant flower, the center of which is glowing orange-yellow, passing to carmine-rose at the tips of the petals. 25 cts. each.
Prince of Yellows. Color rich canary-yellow. A splendid kind to use for cutflowers. 20 cts. each.
Rene Cayeaux. Dark red; profuse bloomer. 25c. each

A. D Livoni. (Show.) Makes an exquisite flower

## SINGLE DAHLIAS

## : OFFER $>57$

One each of the above 9 popular, free-blooming, largeflowering Cactus Dahlias for $\$ 1.50$, postpaid.

FLORADORA

## 6 SUPERB SHOW DAHLIAS

Show Dahlias are large, globular-shaped, double flowers, regular, compact, and full to the center.
A. D. Livoni. Beautiful soft pink. 20 cts. (See cut.) Arabella. Primrose, tipped with rose and lavender. 20 c . Black Diamond. Deepest garnet, very dark shadings.2oc. Cuban Giant. An immense ball of bright maroon. 20c. Emily. Solferino with white markings; very large. 20 cts. Red Hussar. Pure cardinal-red; flowers perfect. 20 cts.

## POMPON OR BOUQUET DAHLIAS

Round, Miniature Dahlias, formed like the Show and Decorative kinds. They flower more freely than any others.
Rosalie. Free flowering; yellow, edged with crimson. 20c.]
Snowelad. The finest white in the Pompon class. 20 cts.
Sunbeam. Crimson scarlet. Extra fine. 20 cts.
OFFER 57b
These 3 Pompons


OFFER 57a
These 6 Show Dablias, including the finest in this class, for $\$ 1$, postpaid. for 50c., postpaid


Maurice Rivoire. Collarette Dahlia.
(See page 56 )

These are light, airy, and graceful for bouquets. They have one row of petals and resemble a very large cosmos.
Big Chief. Brilliant red, margined maroon. 20 cts.
Rose-Pink Century. Flowers 6 inches across; rose-pink. 20 c . Scarlet Century. Brilliant scarlet, golden disk. 20 cts.
White Century. Pure white, with overlapping petals. 20 cts.

These Single Dahlias are Remarkable for Their Large Size
and Showiness of Flowers

SOFFER $>57 d$ Above 5 Single Dahlias for 75 cts., postpaid.

## GRAND DAHLIAS IN MIXTURE

## NOT LABELED

Our Double XX Mixed Dahlia Roots are made up of the finest named kinds, both Single and Double varieties, all colors and shades, many of them the finest in existence. We want our friends to try them. Io for $\$ \mathrm{I} .50$, postpaid. I 5 splendid Mixed Dahlias, finest sorts, only \$I. 50 by express.


Asparagus plumosus
RUNNING FERNS (2 kinds) ASPARAGUS PLUMOSUS (Climbing Lace Fern). Fine, feathery foliage which remains fresh for weeks when cut. (See illustration.) I5 cts. and 25 cts. each, postpaid; extra sizes, 35 cts. and 50 cts . each, by express.
ASPAKAGUS SPRENGERI (Emerald Feather). Very valuable for vases and baskets. Makes long, trailing, emerald fronds. 15 cts . and 25 cts . each, postpaid; extra sizes, 35 cts . and 50 cts . each, by express.

## DWARF-GROWING FERNS

for Fern-Dishes and Table Decoration Crested Holly Fern (Cyrptomium Rochefordianum). Fronds are green and deeply toothed. I5c. and 25 c . each, postpaid. Maidenhair Fern (Adiantum hybridun). Lacy fronds, unlike any other. I 5 cts. and 25 cts . each, postpaid.
Parsley Fern (Onychium japonicum). Resembles parsley. 15 cts. each, ppd.
The Lady Fern (Polystichum setosum). Erect, feathery growth. I5c. each, ppd. Crested Pteris Wilsonii. Like crested seaweed. I5 cts. and 25 cts . each, ppd. Silver-leaf Fern (Pteris cretica albo-lineata). Pea-green foliage with silvery variegations. 15 cts and 25 cts . ea., ppd. Crowfoot Fern (Pteris Wimsettii multiceps). The fronds are bunched at the top of strong black stems. I5c. ea., ppd. Victoria Fern (Pteris Victorice). Fronds are marked with white. I5c. each, ppd. Pteris adiantoides. Broad leaf; stems and structure after the fashion of the Maidenhair Fern. 15 cts. each, ppd. Pteris, Distinction. New and attractive style of the Pteris family. ${ }^{15} \mathrm{c}$. ea., ppd. Bird's-eye Fern (Aspidium Tsus-sinense). Very dwarf in growth; the fronds have a lace effect. 15 cts . each, postpaid.

[^4]

Whitmanii Fern

## LARGE-GROWING ORNAMENTAL' FERNS

## For Living-Room and Porch Decoration

Teddy Junior. Has all the valuable characteristics of the Roosevelt Fern, but it produces shorter fronds in great quantities. 20 cts . and 35 cts . each, post paid; extra size, 50 cts ., by express.
Roosevelt Fern. Resembles the worldfamous Boston Fern, but produces twice as many wide, drooping fronds, and the pinnæ are beautifully undulated, giving a pronounced wavy effect seen in no other variety. It has sprung into wonderful popularity, and when better known will be wanted by everyone. 2oc. and 35 cts. each, postpaid; extra size, 50 cts., by express.
Amerpohli (The Philadelphia Lace Fern). Each broad, graceful frond seems like a piece of delicate lace. 25 cts . and 35 cts . each, ppd.; larger size, 5oc. ea., by exp.
Boston Fern. Fronds grow 2 to 3 feet long and droop over in the most delightful way. 15 cts. and 25 cts. each, ppd.; larger size, 50 cts . each, by express.
Newport Fern (Scottii). Resembles the Boston Fern, but grows more erect, has shorter, narrower fronds and makes three times as many of them. 20 cts . and 35c. ea., ppd.; larger size, 50 c. ea., by exp. Scholzelii. The crested dwarf Scottii Fern. The plant has a fluffy crested appearance much like the Ostrich-Plume Ferns. 20c. and 35 cts. each, postpaid; larger size, 50 cts . each, by express.
Whitmanii. (See illustration.) Fronds wide, graceful, dense and feathery. 2oc. and 35 cts. each, postpaid; larger size, 50 cts . each, by express.
New Glory Fern (Adiantum Farleyense gloriosum). Identical in many ways with the Maidenhair Fern, but stronger in constitution. Named Glory Fern because of wonderful coloring. 25 cts. and 50 cts. each, postpaid.


Kentia Belmoreana Palm

## 3 MOST POPULAR PALMS

KENTIA BELMOREANA. This Palm is not affected by the dust and dry air of the house, and will grow and thrive where few other plants would live. See illustration.
LATANIA BORBONICA (The Fan Palm). Has elegant, fringed, fanshaped leaves, rich dark green.
OSTRICH-FEATHER PALM (A reca lutescens). Green foliage, with yellow stems. Nested 3 in a pot. Extra size, 75 cts., by express.
Price of above three Palms, 25 cts. and 35 cts. each (according to size), postpaid. Larger plants, 50 cts. each, by express.

## ARAUCARIA EXCELSA <br> (Norfolk Island Pine)

Looks like a Baby Christmas tree, stands hard usage well, and is exceedingly beautiful. It grows nicely in parlor or livingroom and requires little care. Sturdy little trees, \$I and \$1.50 each, by express.

## UMBRELLA PLANT <br> (Cyperus alternifolius)

Very easily grown. 15 cts . and 20 cts . each, postpaid; larger sizes, 35 cts . and 50 cts . each, by express.

## THE RUBBER TREE <br> (Ficus elastica)

One of the very finest ornamental plants. Fine, sturdy plants, 65 cts. each, postpaid; larger sizes, 50 cts., 75 cts., and $\$ 1$ each, by express.

## FARFUGIUM GRANDE <br> \section*{Leopard Plant}

Large, circular, fleshy, rich green leaves thickly spotted with creamy white. Wonderfully effective and highly valued for indoor decoration. 35 cts., postpaid; larger size, 50 cts ., by express.


A type of our Double-flowered Geraniums

## 3 IVY-LEAVED GERANIUMS

These are the Geraniums that climb and can be trained over a trellis or allowed to hang from a hanging-basket or pot. Established plants will have from six to ten trusses of flowers on them at one time. The colors are exquisite and are not seen in other varieties of Geraniums.
Alliance. Delicate lilac-white, upper petals feathered and blotched crimson-rose. 20 cts. each.
Mme. Thibaut. A lovely shade of clear rosy pink, upper petals delicately but distinctly feathered deep crimsonmaroon. Immense trusses; undulated petals. 20 cts. each. Jeanne d'Arc. Large trusses of a lovely shade of soft lavender, with white markings. Fine for hanging-baskets. 20 cts . each.
zOFFLR $>59 b$ The above 3 Ivy-leaved Geraniums for

We Supply
Geraniums Geraniums for Price $\$ 12$ Price $\$ 12$ at 100 rate

BEST SEVEN DOUBLE VARIETIES
Beaute Poitevine. This is one of the best semi-double, light salmon-pink bedding Geraniums. The plants grow bushy and regular and form heads of beautiful blooms continuously. A solid bed of this one variety makes an exquisite showing all summer. The plants can be taken indoors in the fall and will bloom freely during the winter. 20 cts. each, postpaid.
General Grant. For years past this Geranium has been ranked as the best and brightest red for bedding. The color is bright vermilion-scarlet, intense and attractive. 20 cts . each, postpaid. La Favorite. Pure white, elegant flowers of surpassing beauty; fine for bedding and cut-flowers. The blooms come in large trusses and are freely produced all season. 20 cts . each, postpaid.
Miss Frances Perkins. Color is clear, bright pink, which is most attractive. An immense bloomer and one of the most popular pink bedders. 20 cts . each, postpaid.
Mrs. Lawrence. Beautiful, soft, satiny salmon, tinted white, making a most attractive flower. Very free flowering. 20 cts each, postpaid.
Queen of Crimsons, S. A. Nutt. The best dark, rich crimson bedding Geranium; blooms incessantly. There is more demand for this Geranium than for any other we offer. 20 cts . each, postpaid.
Jean Viaud. Color is soft, rich pink, shading to white at the center. 20 cts. each, postpaid.

## \&OFFLR $>59$ One each of the above best

BEST SEVEN SINGLE GERANIUMS
Eugene Sue. A very attractive and brilliant shade of russetorange. An exceptionally free bloomer. 20 cts . each, postpaid.
Granville. Color is a most beautiful shade of rose-pink, white blotch on base of upper petals. The blooms come in large trusses well above the foliage. 20 cts. each, postpaid.
Rosalda. Large flowers of an unusually attractive, rich crimsonpink. A profuse bloomer, suitable for either bedding or potgrowing, as the foliage is fine and the plant a vigorous grower. 20 cts. each, postpaid.
Jacquerie. Ranks first in its class and color as a bedding variety. The flowers are a brilliant crimson-scarlet and are borne in immense trusses on long, strong stems. 20 cts . each, postpaid.
M. Kovalevski. A striking orange shade of Lincoln-red, a new color in bedding Geraniums. 20 cts. each, postpaid.
Rival. A soft shade of salmon-red; very pleasing. 20 cts. each, ppd. Mrs. E. G. Hill. Profuse bloomer; soft, light salmon, petals bordered rose. Excellent for bedding. 20 cts. each, postpaid.

## =OFIER $>59 a \begin{aligned} & \text { The above } 7 \text { Single Geraniums for } \$ 1.25, \\ & \text { postpaid. }\end{aligned}$

## SWEET-SCENTED GERANIUMS. LEAVES ARE FRAGRANT. 20 cts. each

Lemon. Delightful lemon odor.
Little Gem. Dwarf grower; rose fragrance.
Nutmeg. Dwarf; nutmeg fragrance.
Peppermint. Robust; peppermint-scented.

Rose. The old favorite rose-scented Geranium. Mrs. Taylor. Scarlet-flowering; rose-scented. A variety much in demand. Apple. Smells like delicious apples. OFFER No. 59c. The above 7 Scented Geraniums, all different, for $\$ 1$, postpaid

## VARIEGATED-LEAVED GERANIUMS

Chiefly remarkable for their bright, variegated foliage; very pretty and attractive for bedding and edgings and particularly for pots and window culture.
Mme. Salleroi. Bright green leaves, edged white; grows only I foot high and is universally used for bordering beds; dwarf, compact habit. 20 cts . each, $\$ \mathrm{I} .25$ for 7 , \$12 per Ioo, prepaid.
Silver-leaved S. A. Nutt. Beautiful green foliage, edged silver; profuse bloomer, with intense crimson-scarlet flowers. Similar to Mme. Salleroi, but a stronger grower. This variety is fine for bordering canna beds. 20 cts . each, $\$_{1.25}$ for $7, \$_{12}$ per roo, prepaid. OFFER No. 59d. The above 2 Variegated-leaved Geraniums for 35 cts ., postpaid

# NEW FRENCH HYDRANGEAS 

Grand, low-growing, bushy shrubs, hardy only in very sheltered locations in the latitude of Philadelphia. Unequaled for porch and lawn decoration during summer. The blooms are immense, and come in such quantities as almost to cover the bush. On the approach of freezing weather, store in a light, cool cellar and water only sufficiently to keep the roots from drying up. If they start growth during the winter, move to cooler quarters. To make these Hydrangeas bloom blue, incorporate one-half pound of alum, broken into pieces about the size of a hickory-nut, with each bushel of soil.
Price for all, from 3 -inch pots, 25 cts. each; from 4 -inch pots, 40 cts. each, postpaid; from 6 -inch pots, 60 cts. each, by express.
Avalanche. Magnificent, large, white; very free-flowering.
Bouquet Rose. Large clusters of rosy amber changing to bright pink. Quite a distinct color and very beautiful.
La Lorraine. Large flowers; pale rose turning to bright pink (no 6o-ct. size).
Mme. E. Mouillere. Large individual flowers of pure white which form massive heads. Won the Silver Medal at Boston, 1913.
Mousseline. Mauve-rose with cream-colored center; often comes darker.
OFFER $>60$ Any 3 of above, in 3-inch size, 60 cts.; any 3 in 4 -inch size, $\$ 1$, postpaid; or any 3 in largest size, $\$ 1.50$, by express.


French Hydrangea. Try a few along the base of your porch

## 6 FINE FUCHSIAS

Gloire des Marches. Pure snowwhite flowers of immense size and substance. (See cut.) 20 cts . each. Speciosa, Winter-blooming. Flowers carmine and rose. Plant outdoors in a shady place and have ready for winter. 20 cts . each.
Esperance. Purple and crimson. 15c. Jupiter. Rich crimson. 15 cts.
Mme. Thebaud. Carmine and white. 15 cts.
Trailing Queen. Carmine. A lovely vine. 15 cts .
$\triangle$ OFIER $60 a$
The set of 6 lovely Fuchsias, 85 c ., ppd. GENISTA, OR SHOWER
The intense golden yellow flowers almost cover the bush. 25 cts., postpaid; larger size, 50 cts., by express.
OLEA FRAGRANS
(SWEET
Intensely fragrant. Has small lemonwhite flowers which bloom almost incessantly and the fragrance is deliciously. sweet. 25 cts., postpaid; larger size, 50 cts ., by express.


New Marguerite, Mrs. F. Sanders


Centefleur. Purple: immense heads. Jersey Beauty. Velvety purple. Mme. Bruant. Purple, white eye. Snow-Wreath. White; very fine.
EOFFER $>60 b \begin{aligned} & \text { The } 4 \text { Heliotropes, } \\ & 50 \text { cts., postpaid. }\end{aligned}$

## 5 LANTANAS ${ }_{\substack{15 \\ \text { eacs. } \\ \text { each }}}^{\text {ren }}$

Harkett's Perfection. Pink and buff.
Alba perfecta. Pure snow-white.
Michael Schmidt. Orange-red. Grand Sultan. Terra-cotta-red. Mrs. McKinley. Flowers lilac-pink. EOFFER $>60$ C ${ }_{60}^{\text {The } 5 \text { Lantanas for }}$ 60 cts ., postpaid.

## 5 IMPATIENS $\underset{\substack{15 \\ \text { each. }}}{\text { cts. }}$

THEY FLOWER INCESSANTLY Evening Star. Pure white, red center. Sultani. Bright rosy red.
Mistress Marion. Exquisite purple. Orange Queen. Brilliant orangescarlet.
Portia. Dainty, delicate rose-pink. $\therefore 0$ FFFR $>60 d$ Above 5 onily 60

## LARGE-FLOWERED CHINESE HIBISCUS

Peachblow. Immense double flowers, like gigantic frilled roses, very freely produced; rich pink with deep crimson center. Use rich soil and fertilize occasionally.
Grandiflora. Immense single flowers; bright rose-pink; very beautiful.
Violacea. Rosy carmine, shaded violet; single flowers.
Versicolor. Single flowers; red and white. Blooms very freely.
Price, same for all, 20 c . each, postpaid; 2 -yr.-old, 35 c . each; extra size, 50 c ., by express

$$
\text { OFFER }>60 \mathrm{e} \begin{aligned}
& \text { The set of } 4 \text { Hibiscus for } 60 \text { cts., postpaid; or } 4 \text { in } 2 \text {-yr. size } \\
& \text { for } \$ 1.25 \text {, by express. }
\end{aligned}
$$

GARDENIA FLORIDA (Cape Jessamine). Waxy white, double flowers of delicious sweetness. This plant is a strong grower and the blooms are freely produced. 20 cts. and 25 cts . each, postpaid; extra sizes, 35 cts . and 50 cts ., by express.
New Marguerite, or Paris Daisy, Mrs. F. Sanders. (See cut.) Flowers glisteni 15 cts. each, $\$ 1.50$ per doz., postpaid.

## PELARGONIUMS, or LADY WASHINGTON GERANIUMS



Pelargoniums make splendid healthy plants

These are the most beautiful of the Geranium family and make strong, vigorous plants. All are exquisite, the colorings being unusually rich and attractive.

Mrs. Layal. Pink and crimson, with dark blotches. 20 cts. each, postpaid. Easter Greeting (Ostergruss). Blooms more freely than any other Pelargonium we know. Pink, with dark blotches. 25 cts . each, postpaid.
Pansy. Pink and crimson, with dark blotches, sometimes feathered white. ${ }_{5} 5 \mathrm{cts}$. each, 2 for 25 cts ., postpaid.

## OFFFER $\mathbf{6 1}$ The set of 3 Superb Pelargoniums for 50 cts., postpaid.

## PETUNIAS FOR BEDDING

The single Petunias we offer bloom brightly the whole season. They should be pinched back about every two weeks to induce new growths to start, for it is on these the blooms appear.

Single Seedilings. Flowers of the largest size and most brilliant and distinct colors, unsurpassed in beauty. 15 cts. each, 2 for 25 c., $\$ 1.25$ per doz., ppd.

## COLEUS FOR BEDDING 10 15-ct. kinds, $\$_{1}$ <br> 100 for $\$ 7.50$, postpaid

Attraction. Green and red. $\mathrm{I}_{5} \mathrm{c}$.
Dr. Ross (Brilliancy). Crimson, green and gold. 25 cts . each, io for $\$ 2$, Ioo for $\$ 15$, postpaid.

Trailing Queen (Weeping Coleus). Green and red. 15 cts. each.

Firebrand. Brilliant red. 15 c . eat Golden Bedder. Bright golden yellow. 15 cts. each.

Rita Kirkpatrick. Green and yellow; very attractive. I5 cts. each. Verschaffeltii. Crimson. ${ }^{5} \mathrm{c}$. ea.

## VERBENAS

Karl Muller. The brightest Verbena we know, the flowers being an intense and vivid crimson which impels admiration. It is freeflowering in habit and noteworthy in every way. 20 cts. each, $\$ 2$ for 12 , postpaid.

Mayflower. Of trailing habit; will quickly cover the ground with exquisite clusters of fragrant pink flowers. Strong plants, 20 cts. each, \$1.50 for 10, postpaid.

Mammoth Verbenas. Brightest shades. Mixed colors only. 15 cts. each, 25 cts. for 2 , \$i for io, postpaid. Ready April 1.

Lemon. Delightfully fragrant foliage. For sachets, etc. 20 cts . each, postpaid.

## BEAUTIFUL PRIMROSES

Fringed Chinese. One of the very finest flowers for house culture. Four separate colors: Pink, Pure White, Crimson and Blue. ${ }^{15}$ c. each, post paid. Everblooming (Primula obconica). Blooms all the time. Mixed colors, I 5 cts. each, postpaid.
Primula malacoides. Improved Baby Primrose. 15 cts. each, postpaid. OFFER $>61 \mathrm{bl}$ one each Fringed chinese, Everblooming and Baby Primroses

## SCARLET FOUNTAIN PLANT (Ruselia

Has long, wiry stems which fall over like a fountain, covered with pretty, scarlet, tubular flowers; blooms all the time. I 5 cts . each, postpaid.

## CLERODENDRON FRAGRANS

Bears fine, dense heads of perfectly double, creamy white flowers; remarkably sweet-scented. 20 cts . each, postpaid.

## HANDSOME VARIEGATED CROTONS

Norwood Beauty. Deep olive-green and golden yellow, with rosy suffusion, oak-leaf shape. Exceedingly attractive. 50 cts . each, postpaid.

Aureo-maculatum. Narrow foliage, green and gold; very effective.
Interruptum. Dark green leaves with yellow and crimson markings.
Price of Aureo-maculatum and Interruptum, 20 c . and 35 c . each; larger, 50 c . ea., ppd.

## SALVIA (Scarlet Sage) ( $\left.\begin{array}{c}\text { See } \\ \text { cut }\end{array}\right)$

Unequaled for a dazzling show of fiery scarlet. The brightest bedding plant known.
Splendens. Intense scarlet. Bears masses of flowers in long spikes from July till frost. Unsurpassed for showy bedding. I5 cts. each, $\$ \mathrm{I}$ for 10 , postpaid; $\$ 7.50$ per 100, by express.

Zurich. The dwarf Salvia, Grows only 18 to 24 inches; flowers intense scarlet. This variety blooms when only a few inches high. I5 cts. each, $\$ 1.25$ per doz., postpaid.

## CRAB CACTUS

Grows in spite of abuse and neglect and bears large, rosy crimson flowers. 20 cts . each, postpaid.


Fringed Chinese Primrose

This department is entirely distinct from our Rose and Plant business. It is presided over by those who for years have devoted themselves exclusively to the study and handling of the best Flower Seeds and Bulbs to be had. Whether in Europe, Japan, California, or at home, wherever the different varieties reach their greatest perfection-there is our supply obtained. We endeavor, not in a premium, but in the stock furnished, to give full value. Please note that following pages contain also recent introductions.

For complete index to Flower Seeds and further information of these signs, see page 81. $\odot$ Annuals; $\odot$ Biennials; $\checkmark$ Greenhouse Plants; 2 Perennials; $\triangle$ Stove Plants; § Climbing Plants.


The New "Astermum." Flower $51 / 2$ inches across
FIVE SPLENDID "KING" ASTERS ©
A magnificent class, distinct from all others in the character of the flower. The long, narrow petals are folded lengthwise, appearing almost as if quilled. The flowers are of great size and substance and last longer than almost any other varieties.
200 Rose King. Pkt. 15 cts. 201 Violet King. Pkt. 15 cts. 202 Pink King. Pkt. 15 cts. 203 White King. Pkt. 5 cts.

213 Lavender King. Pkt. I 5 cts.

JAPANESE OR TASSEL ASTERS $\odot$
Large flowers with petals curiously twisted and curled. ${ }_{1} 77$ Deep Rose. Pkt. Io cts. ${ }_{1} 78$ Bright Pink. Pkt. 10 cts. 179 Mixed. Pkt. Io cts.
I5I BLUEBIRD ASTER. An ideal medium blue color. Pkt. 20c. 193 QUEEN OF THE MARKET. Very early flowering. 4 colors, mixed. Pkt. Io cts.
187 CRIMSON GIANT. Center petals incurve, while outer petals reflex. Pkt. Io cts.
189 PEERLESS PINK. Same class as Crimson Giant. Color beautiful pink. Pkt. Io cts.
 Mixed Japanese or Tassel Asters, for 75 cts.

205 GOOD-QUALITY MIXED ASTERS ©
Contains some of the finest kinds. Pkt. 5c., 1/4oz. 25c., oz. 75c.

## SELECTED ASTERS

These flowers are unrivaled for table and indoor decoration, for they will last a week or more when cut. Their ease of culture and beautiful blooms place Asters among the most popular flower seeds. The colors range from rich garnet and crimson to lightest pink and white, also blue and lavender shades. By planting our C. \& J. Finest Mixed Asters you can have flowers in bloom for six weeks, as they include early, midseason, and late varieties, also all the colors above mentioned.

## 212 NEW RED ASTER, "SENSATION" $\odot$

This is the reddest of all red Asters, the color being a rich garnet, or ox-blood-red, which glistens in the sunshine like a live coal. Pkt. 15 cts., 2 pkts. 25 cts.

## NEW MIKADO ASTERS ©

The finest Asters introduced in recent years. The petals are narrow, very long and gracefully reflexed.

> I8I Purple. Pkt. I 5 cts I 82 Pink. Pkt. I 5 cts .
> I 83 Rose. Pkt. I 5 cts . 184 White. Pkt. I5 cts.
> OFFER 62. One pkt. each of above 4 colors, 50 cts .

## 150 "ASTERMUM" or GLORIFIED ASTER $\odot$

An entirely new creation in Asters, with flowers so large and like a chrysanthemum that the originator of this strain has well-named it "Astermum." Each plant yields from Io to 15 magnificent blooms on sturdy stems I8 to 24 inches long. Colors white, light pink, and lavender. In mixed pkts. only, including the three colors, 20 cts ., or 2 pkts. 35 cts .

## CREGO'S GIANT COMET ASTERS $\odot$

These make fine, regular pyramids, completely covered with superb, large, double flowers having curved and twisted petals resembling the finest Japan chrysanthemums. We consider these the finest and largest of all Comet Asters, and when cut they keep in good condition longer than any other of this type.

166 Rose. Pkt. ioc. I67 White. Pkt. Ioc.
168 Azure-Blue. Pkt. ioc.
169 Purple. Pkt. Ioc.
I7I 5 colors Mixed. Pkt. Ioc.

## 170 Shell-Pink. Pkt. ioc.

## $\theta$ FFER $\rightarrow 62 \mathrm{C}$ One pkt. each of 5 named colors, 45 c.

## SEMPLE'S BRANCHING ASTERS $\odot$

These splendid Asters are enormous bloomers and in their season are covered all over with splendid, large, perfectly double flowers of exquisite beauty.
195 White. Pkt. io cts. 198 Crimson. Pkt. Io cts. 196 Purple. Pkt. Io cts. 2 Io Azure-Blue. Pkt. Io cts. 197 Shell-Pink. Pkt. IO cts. 21 I Peach-Pink. Pkt. I o cts. 199 The above 6 colors mixed. Pkt. 5c., 1/4oz. 25 c ., oz. 90 c .

## :OfftR $>62 \mathrm{~d}$ one plet. ach of 6 named colors, 5oc.

## 204 C. \& J. FINEST MIXED ASTERS $\odot$

This is a fine mixture of the best and most beautiful Asters for general planting. It is made by ourselves and includes a great variety of the best kinds and choicest colors. They are no trouble to grow and can be planted in masses by sowing broadcast, but it is best to start the seeds early, in a hotbed or in the house, and transplant outside about May Io in this latitude. Pkt. Io cts., $1 / 4 \mathrm{oz} .40 \mathrm{cts}$., oz. $\$ \mathrm{I} .50$.

## ANTIRRHINUMS, BALSAMS, CANNAS, ETC.



Original Native Canna

## C. \& J. CANNA SEEDS

We lead in Canna Seeds as in the plants, ior these seeds are produced on our own grounds and cannot be surpassed. (See our Canna plants. with fuller descriptions, offered on pages 36 to 39.)

When ready to plant, soak seeds in warm water for half a day or more, and then plant indoors, about I inch deep in a moist, sandy soil. You should get about sixty per cent to germinate. Transplant to 18 inches apart as soon as the ground is warm-not before.
C. \& J. seeds are saved from picked flowers only and cannot be


Mr. Wintzer among his "pets"-Mrs. A. F. Conard Cannas

AGERATUM Imperial Dwarf Blue. © Grows inches high; excellent for blue ribbon borders. Blooms continuously and profusely from June till frost. Splendid when massed.
duplicated anywhere
These named kinds have been picked from named Cannas, but, as they are not segregated, the seeds cannot all be expected to come true to name; but they will in every case produce beautiful blooms.
345 City of Portland. New. 4 ft . Rich deep pink. So 35 \$ 50 305 Comte de Sachs. 4 ft . Clear crimson-scarlet.. 308 Director Holtze. 3 ft . Yellow, dotted with rose. 355 Dragon. 3 ft . Dark ox-blood red
3 Io Duke of Marlborough. 4 ft . Rich velvety crimson.



347 Gaiety. New. 5 ft . Reddish oran
317 Golden Gate. New. 4 ft . Yellow
317 Golden Gate. New. 4 ft . Yellow...........................
323 Kate F. Deemer. 4 ft . Lovely oriole-yellow.
330 Mrs. A. F. Conard. 4 ft . Finest salmon-pink
332 Mrs. Woodrow Wilson. 4 ft . Deep pink
333 Panama. 3 ft . Orange-red.
336 Pillar of Fire. 6 ft . Bright crimson-scarlet
349 Princeton. New. 4 ft . Intense y-ellow
358 Queen Charlotte. $2^{1 / 2} \mathrm{ft}$. Red, bordered yellow .
350 Rosea Gigantea. $3^{1 / 2} \mathrm{ft}$. Carmine-pink
351 Sam Trelease, Improved. $3^{1 / 2} \mathrm{ft}$. Red and yellow.
352 San Diego. 4 ft . Rich Chinese-orange color William Saunders. 4 ft . Bright scarlet; very fine.
OFFER $\rightarrow 63$ Ant 5 phts of same price for the price of 4. For example, 5 pkts., 25 cts. each, for $\$ 1$, postpaid.

## C. \& J. LILY.CANNA SEED, MIXED

From this mixture you are quite likely to secure some new improved and as yet unintroduced sorts. 342 C. \& J. New Pedigree Cannas, Extra Choice. Pkt. Oz. 20 seeds in pkt..

So 25 \$I 00 343 New Pedigree Cannas. Good quality, mixed, 20 seeds in pkt.

I 5
Canna hybrida. Good mixed.
See Canna Roots and Plants, on pages 36 to 39
$\qquad$ 50
50
" Imperial Dwarf White. © Pure white. .
yroz. 15 c .
"، Fine Mixed. © ....................... .1/4oz. 15c.
ALYSSUM, Little Gem. © 1/2oz. will plant 40 feet. Grow only 3 to 4 inches high; a perfect mass of white flowers which last the entire summer. Unsurpassed for borders... $1 / 2 \mathrm{Oz} .25$ cts., oz. 40 cts. .
"Sweet. $\odot$ Grows 4 to 6 inches high; excellent for edging............... $1 / 2 \mathrm{oz}$. 15 cts. oz. $25 \mathrm{cts} .$.
77 " Golden Saxatile. 24 Brilliant yellow flowers, hardy and fine for rockwork.
80 AMPELOPSIS. Boston Ivy. 4 See description and illustration on page 52 . capensis. Large-flowering Forget-me-not. 84 ANGEL'S BREATH (Gypsophila). $\odot$ The tiny flowers are borne in abundance on long, branching
stems
" 3 color
" Dwarf Tom Thumb. © Grows 6 inches, covered with beautiful spikes of gaily colored flowers
covered with pure white flowers early in spring...
ASPARAGUS plumosus. Climbing Lace Fern. § Bright green, feathery foliage. (See cut, page 58.).
99 " Sprengeri. $\Delta$ Valuable for vases, baskets, etc..
93 AQUILEGIA. Columbine. 21 Improved. Many beautiful colors, perfectly hardy
225 BACHELOR'S BUTTON, Double. © Much larger than the old kinds.
228 BALLOON VINE. © § Slender, rapid grower. .oz. 20c..
230 BALSAM, C. \& J. Double Rose. © Flowers perfectly double, like roses, in all colors. Splendid mixed. Also in separate colors-all double.
231 " White, Ioc. 232 Pink, ioc. 233 Scarlet, IOc.
Any 3 pkts. of Balsam in separate colors for 25 cts.

## BEGONIAS, CARNATIONS, COSMOS, ETC.



Calceolaria


Candytuft

## $\checkmark$ Begonias for Bedding Height 9 to 12 inches

Seed is very fine and germinates slowly. Start indoors in February or March for May planting. The foliage is thick and glossy, and the brilliant flowers bloom profusely all season until frost.
237 California Hybrids, Mixed
Pkt.
${ }_{238}$ White Gem. Pure white..
So 05
239 Vernon (coral-red), and 240 Vulcan (scarle.
$\begin{array}{ll}\text { each } & 05 \\ \end{array}$

## =OFFER $>64$ One pkt. of each of the above 4 for 25 cts .

243 BEGONIA, Tuberous-rooted, Single. $\triangle$ Brilliant Pkt. colors. Finest mixed.
244 " Tuberous-rooted, Double. $\triangle$ Finest mixed...... 10
${ }_{2} 53$ BROWALLIA. © Charming sky-blue flowers. Excellent for winter window bloom
257 CACTUS. $\rightarrow$ Choice mixed
260 CALCEOLARIA hybrida. © Pocket-shaped flowers in mixed colors. (See cut.).
263 CALENDULA (Pot Marigold), Oriole. © Vellow.
264 " Meteor. $\odot$ Double flowers; deep canary-yellow, striped with orange
265 CALLIOPSIS Drummondii. Golden Wave. © Bright golden flowers, 2 in . across, with dark brown centers.
267 CAMPANULA. Canterbury Bells. © Bell-shaped flowers, single. Mixed colors
268 "" Double Mixed. ©
270 CANARY-BIRD FLOWER. $\odot$ \& Height to to 12 feet. Golden yellow, fragrant flowers.........oz. 25 cts .
272 CANDYTUFT, Giant Hyacinth-flowered. © Pure white flowers almost like a hyacinth.... 1/4oz. 25 C .
273 " Fragrant Empress. © Pure white. (See cut.)
276 " Hardy. 24 Pure white.
277 " Crimson $\odot, 278$ Lavender $\odot, 275$ Mixed $\odot$...each
CANNAS. 20 choice named kinds. (See page 63.)
400 CARNATIONS, Marguerite. Superb New Dwarf. © Blooms abundantly in three to four months after sowing. Mixed colors. . $-1 / 4 \mathrm{oz}$. $40 \mathrm{cts}$. oz. $\$ 1.25$.
401 " Perpetual or Tree. $\downarrow$ Finest mixed
401 " Perennial. 24 Seeds sown in the open ground in May or June bloom splendidly the next season and are very showy. Three kinds as follows:
402 " German. 24 Extra choice, double; mixed.
403 " German. 24 Double; mixed
404 " Early Vienna. 24 Extra fine.
430 CATHEDRAL BELLS, or Cobæa seandens. © § Beau-
430 CATHEDRAL BELLS, or Cobæa scandens. $\odot \underset{\text { tiful, bell-shaped flowers, green at first, but change to }}{\circ}$ violet-blue. (See cut, page 65 .) ..... $1 / 4 \mathrm{oz}$. 15 cts .
CARDINAL CLIMBER. (See Ipomœas or Moonvines, foot of page 67.)
408 CELOSLA, Ostrich-Plume. © Makes plants 2 feet high, with a large, fiery red, feathery plume Childsii, or Chinese Woolfower. New. Makes magnificent plants that are covered with ballshaped, woolly flowers of deep crimson. (See cut, page 65.)


Coleus


Cineraria fuffy flowers as big as teacups. Mixed colors...... \$o o
minocarpa. Dusty Miller. 4 Leaves silverwhite; valuable for beds and edgings
412 " Marguerite. $\odot$ Snow-white, I to 2 inches across. .
4I5 CENTROSEMA grandiflora. Butterfly Pea. © § Bears clusters of rosy purple and creamy white, pea-shaped flowers. Grows 6 to 8 feet.
CHINESE WOOLFLOWER. New. (See Celosia Childsii.)
CHRYSANTHEMIMS, Perennial. 24 Our seed is saved from the finest hybrid Japanese, Chinese and Ostrich-plume varieties. across and come in many brilliant colors. (See cut.) 27 CLEMATIS paniculata. The Sweet-scented Japan Clematis. (See description, page 5i.) suckle. © Bright rose-pink flowers with curious, long stamens standing out in all directions. Fine mixed. .
433 COCKSCOMB, Queen of Dwaris. © Grows only 8 to Io inches high, and bears immense heads of bloom Io to 12 inches across; deep, rich, vel vety crimson. .
435 " Finest Varieties, Mixed. ©
441 COLEUS, Large-leaved and Fringed Strains. This seed produces the finest-colored, most attractive, and novel plants for bedding and for borders of canna beds, etc. Easily grown. Sow indoors in March or April. (See cut.)
442 Choice Mixed. © Will produce splendid plants.

447 COREOPSIS grandiflora. 24 Grows 2 feet high; golden yellow; flowers profusely.
463 COSMOS, Double-crowned and Crested. © New. Similar in habit to the early-flowered Cosmos. A large percentage have double, crested centers or crowns which give the plants a dainty appearance.
450 " Crimson Ray. © A distinct novelty. This many petaled type comes in star-like form and of the most brilliant crimson color; strikingly beautiful.
$45^{2}$ " Lady Lenox. © Immense, sea-shell-pink flowers. (See cut, page 65.).
453 " White Lady Lenox. © New. Glistening white; extra-large flowers. ............... 2 pkts. 25 cts..
454 " Early-blooming Fancy Cosmos. $\odot$ Flowers large; mixed colors; blooms profusely. ...... oz. 30 cts.
456 " Mammoth Giants of California. © White.
458 " Crimson. $\odot$.
460 "White and Crimson Mixed. $\dot{\odot}$.
462 " hybridus. $\odot$ Pure white, pink and rose, centers yellow. Grown in great quantity.
465 CUPHEA. © Cigar or Fire-Cracker Plant.

## CYCLAMEN, DAHLIAS, HARDY PINKS, ETC.



Cathedral Bells (see page 64 )


Cosmos (see page 64)


Cyclamen persicum


Datura, Sweet Nightingale

468 CYCLAMEN persicum. $\rightarrow$ Beautifully variegated foli- Pkt age and richly colored, orchid-like flowers. Bloom profusely during fall, winter and spring. (See cut.) \$o 10 47 I Giganteum. $\rightarrow$ Very large flowers. Finest Mixed CYPRESS VINE. $\odot$ § $A$ beautiful vine with delicate fern-like foliage and lovely star-shaped flowers.
477 "6 Crimson
478 " White
479 "6 Mixed Colors
505 DAHLIAS, FINEST DOUBLE. © 21 It is now well known that fine Dahlias are grown from seed sown in the spring. Seed started in the house and set out the last of May will be in bloom as soon as plants from roots, and will produce as many fine flowers Finest double. Mixed. (See cut below.)
508 6 Cactus, Double, Mixed Colors. The Cactus Dahlias have become more popular than any other class, on account of their beautifully formed fow ers and freedom of bloom. The colors range from the darkest maroon to bright scarlet, pink, snowwhite, and also yellow. Seed from choicest kinds.
5II 6 Collarette, Mixed Colors. © $2!$ Entirely distinct from other Dahlias, and very novel in appearance.
5I3 " Colossal. © 24 This strain produces intmense flowers 8 to 9 inches in diameter
515 " Striped Single. © 24 Beautiful, large, single flowers, many of them 4 inches across; rich colors, striped, flaked, mottled and dotted
EAFFER> 65 One pkt. each Cactus, Collarette, and Colossal entire set, 5 in all, for 50 cts.

536 DLAMOND FLOWER. © A lovely little annual, quickly covering the ground with beautimonds. Pkt. 5 cts.

New Chinese Woolflower (see p. 64)



Our Double Mixed Dahlias are fine for late-season bloom

523 " Golden Queen. © Makes a fine, bushy plant about 2 feet high, covered with beautiful, large, yellow, double, trumpet-shaped flowers
540 DIANTHUS (Chinese and Japanese Pinks). C. \& J. Finest Sorts, Mixed. © These Pinks are among our prettiest flowers for bedding; they grow easily and bloom profusely. Some are double and others single, with beautiful, fringed petals. The colors are very bright and handsome, ranging from pure white to deepest crimson in endless combinations. . . . . $1 / 4 \mathrm{Oz} .25 \mathrm{cts} ., 1 / 2 \mathrm{Oz} .40 \mathrm{cts} ., \mathrm{oz} .75 \mathrm{cts} .$.
543 " White Frill, or Mourning Cloak. © Large, perfectly double flowers, elegantly fringed; rich purplemaroon, edged with a wide border of pure white; handsome and attractive; rich clove fragrance; blooms all season. (See cut below.)
545 " Plumarius. Pheasant's-Eye Pink. 24 Has a delightful, penetrating fragrance; the original Clove Pink.
553 DOLICHOS. New Japanese Hyacinth Bean. Daylight. © § Undoubtedly one of the nicest. It grows 8 to io feet high and will quickly cover itself with long, graceful clusters of pure white, sweet, wistarialike flowers.
oz. $20 \mathrm{cts} .$.
but contrasts finely with it in color, the flowers and beans being rich, dark purple..........oz. 20 cts. richly marbled with purple. plants, growing 3 to 4 feet high, producing handsome, trumpet-shaped blossoms, white, blue, yellow and purple, of exquisite fragrance; foliage is very ornamental. (See cut above.)
520 st Cornucopia. Horn of Plenty. © Three feet. Each flower is formed of three distinct trumpet flowers, one within the other. The color is waxy white,

West Grove, Penna.


Dianthus, or Hardy Pinks

## DAISIES, DELPHINIUMS, GERANIUMS, ETC.



Delphinium (Larkspur)


African Golden Orange Daisy (Dimorphotheca aurantiaca)


Digitalis (Foxglove)

## Daisies

66 Blue Daisy (Agathea amelloides), Seeds bloom quickly Pkt. 96 Blue-eyed African Daisy (Arctotis grandis). © Flowers white, with yellow band at base and bright blue at center.
592 English Double Daisy (Bellis perennis). 4 The flowers are white, pink, red and variegated. Finest mixed.
1455 Swan River Daisy (Brachycome). © White and blue. I420 Shasta Daisy. 4 Snow-white flowers, 4 in. across; hardy. 550 African Golden Orange Daisy (Dimor photheca aurantiaca). Glossy, rich orange-gold. (See cut.)
551 African Daisy Hybrids (Dimorphotheca aurantiaca hybrida). Mixed, including white to red, lemon, salmon, etc.
 .530 DELPHINIUM. Larkspur. 21 Mixed colors........... 533 " Formosum. 24 Deep blue, with clear white centers. 534 " Belladonna. 2 The everblooming hardy Larkspur. Flowers clear, light blue.


Geraniums are easy to grow from seed

548 DIGITALIS. Foxglove. $2 /$ Every year increasingly cul- Pkt. tivated in shrubberies and woodlands. Fine mixed. \$o 05 593 ESCHSCHOLTZIA. California Poppy. $\odot$ Brilliant orange-red and white flowers all the season .oz. 30c.. . 706 " Bush (Hunnemannia). $\odot$ Large, golden yellow, tulip-shaped flowers. . . . . . . . . . . . . . $1 / 402.20 \mathrm{cts}$. . 599 EUPHORBIA heterophylla. Mexican Fire Plant, or Fire-on-the-Mountain. © Bushy plants, 2 to 3 feet high. 602 EVERLASTING FLOWERS. © Finest mixed........... See also Acroclinium, page 63, and Helichrysum, p. 67..
630 FERNS. Sow in light, peaty soil....................... white flowers, excellent for bedding. 12 inches high... 636 FORGET-ME-NOT, Victoria. © Lovely azure-blue flowers. Nice for carpet-bedding and edging.. 640 "Water Nymph. © Sky-blue, clear yellow eye. $\qquad$ 643 FUCHSIA. $\backslash$ They flower freely the first year. Whether grown from seeds or plants (page 60), these are most interesting and odd flowers. colors.
650 Gaillardia Picta Lorenziana, Pkt.
Double. © Golden yellow, orange, amaranth and purple..... \$o o5 670 GODETIA. © Of dwarf habit; flowers of handsome shape and brilliant colors. Fine mixed.

## Geraniums from Seed

Geraniums bloom finely from seed the first season. Many persons prefer to raise them, as it is much the cheapest, and there is always a chance of getting valuable new sorts. (See cut.) Pkt. 653 Finest Mixed. $\lambda$ Exquisite kinds. . . \$o 10 656 Good Mixed. $\rightarrow$ Choice varieties. . 659 Apple-scented. $\rangle$ Leaves delight-fully-scented.
See also Pelargonium Seed, page 68.

## Gerberas (See cut)

664 Adnet's New Hybrids. 2 The blooms are like immense daisies and come in all colors, on stems 18 in. long. 6 inches across; color intense scarlet; grand for cutting. some, bell-shaped flowers show a great variety of beautiful colors, many being spotted and blotched.


Gerbera

## GRASS SEED, HOLLYHOCKS, MOONVINES, ETC.



Ornamental Gourds


Heliotrope

673 GOURDS. © § Climbers which produce curiously slraped Pkt. fruit. (See cut above.) Mixed

## C. \& J. "VELVET GREEN" LaWN GRASS SEED

Prepare the ground so as to have a fine. smooth seed-bed, put on plenty of seed and start the lawn mower as soon as grass is tall enough to catch the machine. The seed should be lightly raked in and the ground made smooth with a roller.

PRICE: By mail, postpaid, 25 cts. per qt., 2 qts. for 45 c .; in bulk, by express, $\$ 1.50$ per pk. of 5 lbs ., $\$ 5$ per bushel of 20 lbs .

## QUANTITIES TO USE

| x lb. for., | Square ft. $\text { . .... . . } 350$ |
| :---: | :---: |
| 5 lbs. for | . . .1,750 |
| ro lbs. for | . 3.500 |
| 25 lbs . for | 3/4acre |

I 124 ORNAMENTAL GRASSES. © Good mixture 678 GYPSOPHILA paniculata flore-pleno. Baby's Breath. 2 New. Dwarf, branching plants; flowers pure white and double, borne in feathery sprays, fine for cutting. .
HELLANTHUS. See Sunflower, page 74
683 HELICHRYSUM. Straw Flower. © One of the "Everlasting Flowers." Mixed colors.
686 HELIOTROPE, Lemoine's Giant Hybrids. © The colors range from pure white through all shades of violet and purple to dark indigo-blue. (See cut.).
687 " Mixed. A favorite on account of its delightful fragrance.
690 HEUCHERA sanguinea. 2 Bright, rich crimson flowers.
774 JAPANESE HOP. $\odot \S$ One of the most rapid, densegrowing climbers; has variegated foliage
700 HOLL YHOCK, Mammoth Alleghany. 24 Entirely different from the old kinds. Mixed


Kochia scoparia


Kudzu Vine

703 Hollyhocks, Superb Double Mixed. 21
730 ICE PLANT, Mesembryanthemum. © A handsome plant for hanging-baskets, vases, rockeries, etc.
733 IMPATIENS Sultani. $\odot$ Brilliant, rosy crimson flowers, very showy; a good house plant.
IPOMCEA. See Moonvines, offered below.
753 JAPAN IRIS, Iris Kaempferi. 2 Lovely orchid-like flowers. Finest mixed. (See cut, page 42)
438 JOB'S TEARS, Coix Lacryma. $\odot$ An old-fashioned remedy for sore throat, etc., when the seed is strung on thread and worn around the neck. . . . . . . . .oz. io cts.
800 KOCHIA scoparia. Summer Bush Cypress, or "Ball of Fire." $\odot$ The plants grow $21 / 2$ feet high, and look well when planted singly. (See cut.)......... $1 / 402,25$ cts.
I338 KUDZU VINE, Dolichos Japonicus, or Pueraria Thunbergiana. Jack-and-the-Beanstalk. 2 § The most rapid-growing vine known. Perfectly hardy. (See cut.)
825 LANTANA. © Verbena-like flowers in pink, yellow and orange. Splendid for bedding
835 LAVENDER. 2 Pale blue flowers, yielding, when dried, a delightful perfume.
828 LATHYRUS. Perennial Pea. $2 \downarrow$ Perfectly hardy; sweet-pea-like flowers. Mixed colors.
829 6* splendens. California Perennial Pea. 2 § Dark crimson flowers, more showy than the other varieties
830 " 6 Pink Beauty. 24 §eep, bright rose-color. 05

LEMON VERBENA. $>$ Leaves very fragrant.
840 LINARIA. Kenilworth Ivy. © 24 Useful for vases
843 LINUM grandifiorum. Crimson Flax. © Excellent for clumps or edgings. Very fine

845 LOBELLA, Bedding Queen. () Deep purple flowers with Pkt.


Ipomoea (Moonvine)

846 "Crystal Palace Gem. © Dwarf; rich, deep blue.
847 " Finest Mixed. $\odot$
855 LYCHNIS. Ragged Robin, or Burning Star. 24 Very bright scarlet flowers.

## MOONVINE, ETC. (Ipomoea)

745 IPOMCEA noctiphyton. White Moonflower. © §.
75 I " CARDINAL CLIMBER (I pomøa Quamoclit). §Beautiful and brilliant cardinal flowers, 1 inch across, that cover the plant; grows 30 feet in a season. . Io seeds 742 " Rubro-cærulea. Early-flowering, new sky-blue Moonflower. © § Lovely sky-blue
739 "Coccinea. Star Ipomœa, or Cuban Belle. © § Bright scarlet.
736 "Coccinea hederifolia (Mina sanguinea). © § Crimson. 748 6 Setosa. Brazilian Morning-Glory. © § Extra-strong, vigorous climber; pink flowers, 3 inches in diameter
750 "Versicolor (Mina lobata). © §Grows 18 to 20 feet flowers red, then orange, and creamy white when open.

EOFFER $>67 \begin{aligned} & 1 \\ & \text { or the entire } \\ & \text { or set of Ipomœas, } 7 \text { pkts., for } 50 \mathrm{cts} .\end{aligned}$


Lathyrus (Perennial Pea)

## West Grove, Penna.

## MARIGOLDS, MIGNONETTE, MORNING-GLORIES, ETC.



Morning-Glories


Oenothera, or Evening Primrose

606 MALLOW MARVELS. Hardy Hibiscus. 24 Grow about Pkt. 4 feet high and bear enormous flowers. Mixed... \$0 05
900 MARIGOLD, Eldorado. $\odot$ Grows large and bushy
goi " French Double Dwarf. © Grows compact.
902 " Dwarf Legion of Honor. © Flowers golden yellow,
marked crimson-brown....................... $25 \mathrm{cts} .$. .
905 MARVEL OF PERU, Mirabilis. Four o'Clock. $\odot$

$$
05
$$ Brilliant colors.

908 MAURANDIA. © Fine tubular or bell-shaped flowers of white, purple, and rose
IoI 2 MIMOSA pudica. Sensitive Plant, or Humble Plant. © The leaves close and droop when touched or shaken. Iooo MIGNONETTE, Rosemawr. © Finest, large-flowering. Mixed.

1/20z. 25 cts. .
IOOI " Red Goliath. © New.
1002 * The Machet. $\odot$ Deliciously scented..i $1 / 20$ oz. 20 cts...
1003 " Giant White. © White florets.
1004 " Common Sweet. $\odot$ (See cut.)......................
IoI 5 MIMULUS tigrinus grandiflorus. Monkey Flower. © Brilliantly colored flowers..
IoI 8 " Moschatus. The Musk plant. © An old favorite IO25 MORNING-GLORIES, Japanese Imperial. © § (See cut.)
.oz. $10 \mathrm{cts} ., 1 / 4 \mathrm{lb}, 35 \mathrm{cts}$.
1026 " Japanese Fringed. $\odot \S . . . \mathrm{Oz}$. 12 cts, , $1 / 4 \mathrm{lb} .40 \mathrm{c}$ ro95 NIGELLA, Love-in-a-Mist. © Known as Lady-inGreen, Devil-in-a-Bush, etc.


Mignonette


Marigolds

Iogo NICOTIANA affinis. $\odot$ Splendid, pure white, bou- Pkt. vardia-like flowers; intensely fragrant.
I091 66 Sandera. © Makes nice, bushy plants, 2 to 3 feet high, covered all season with rich crimson flowers.
II20 OENOTHERA. Evening Primrose. © Free-flowering plants of easiest culture, producing brightly colored single flowers which open in the evening. (See cut.)
1128 OXALIS. © Clover-like leaves, thickly starred with small, bright flowers from June until frost.
I 633 PALM, Washington Weeping. $\triangle$ The seeds germinate quickly and grow very easily...... . 6 seeds.

## Three Remarkable Passion Flowers

I 235 Rainbow. $\Delta$ Lovely blush-white, delicately tinted with bliee and having a beautiful rayed center like the spokes of a wheel. (See cut.).
1236 Blue. $\downarrow$ § Violet-blue. Buds look like May apples. . 1237 Scarlet. $>$ § The red Passion Flower of California.
1238 Above Three Colors, mixed

## EOFFFR $>68 \frac{1}{3}$ pkt. each of above named Passion Flowers,

66 I PELARGONIUM. Lady Washington Geranium. $>$ The finest of the Geranium family
1240 PENTSTEMON, Large-flowering, Mixed. 4 The blooms resemble gloxinias. Colors include white, pink, rose, crimson, purple and other shades: (See cut.). .


Pentstemon

For quick shade, order seeds of Morning-Glories, Japanese Hop, Kudzu Vine or Ipomœas. (See page 67 for the last three)


Mallow Marvels


Passion Flower

80

# C. \& J. FREE-FLOWERING NASTURTIUMS 

## CLIMBING VARIETIES

No other flowers grown will give more satisfaction than you can obtain from Nasturtiums. They are easy to grow, have large, brilliantly colored flowers with a refreshing odor. An ounce of seed will produce thousands of blooms in a season.

## TWO NOVELTIES

ros3 Iry-leaved, Tall Mixed, of Many Colors. © § The leaves have a marked resemblance to the hardy English ivy. Petals of the Howers are quite narrow and, standing well apart present a striking, star-like appearance. This mixture contains almost every color known in the regular types of Nasturtiums. Pkt. Io cts., oz. 20 cts., $1 / 1 \mathrm{lb} .60 \mathrm{cts},. \mathrm{lb} . \$_{2}$.
1087 Variegated Queen. © \& An entirely new class in Nasturtiums. Every leaf is variegated with yellow, white and green, but in such differing degrees that the plants present a most varied aspect. The flowers are a rich scarlet-maroon, deepest at base of petals. Pkt. io cts., oz. 25 cts .
: 0 FFER $\rightarrow 69 \begin{aligned} & \text { One oz. each of Ivy-leaved and Variegated } \\ & \text { Queen, for } 40 \mathrm{cts} .\end{aligned}$
1085 Madame Gunther's Hybrids. © § These splendid Climbing Nasturtiums grow 5 to 6 feet high, and are covered
with large, brilliant, sweet-scented flowers all summer and fall. The colors are very rich and handsome, including many different shades of white, rose, pink, salmon, purple, dark velvety maroon, golden yellow, etc. Pkt. 5 cts., oz. Io cts., $1 / 4 \mathrm{lb}$. 40 cts .
ıoso Caprice. © § An exceedingly beautiful variety. The flowers are extra large and include many brilliant shades of crimson, scarlet, orange, yellow, etc. It is named Caprice from its great variety of colors and its habit of bearing flowers of different colors on the same plant. Pkt. 5 cts ., oz. $15 \mathrm{c} ., 1 / 4 \mathrm{lb} .50 \mathrm{c}$.
${ }^{108} 8_{+}$Jupiter. $\odot \S$ The flowers are $31 / 2$ to 4 inches in diameter and deep, rich golden yellow, very durable and extra fine for cutting and vases. Pkt. $5 \mathrm{cts} ., \mathrm{oz}$. $15 \mathrm{cts},. 1 / 4 \mathrm{lb} .50 \mathrm{cts}$.

108 I Chameleon. © § Strong-growing, climbing variety with many large, richly colored flowers of delightful fragrance and different colors on the same plant. Pkt. 5 cts ., oz. 15 cts ., $1 / 4 \mathrm{lb}$. 50 cts .

1086 C. \& J. Grand Sweet-scented. © § The colors range through dark cardinal-red, scarlet, sulphur spotted with crinson, golden yellow, striped and variegated with dark brown and black; the flowers are valued for table decoration, having a rich, spicy, delicious fragrance which is very attractive. Best quality. Pkt. $5 \mathrm{cts} ., \mathrm{oz} .10 \mathrm{cts} ., 1 / 4 \mathrm{lb} .25 \mathrm{cts}$.
:OFFER $>69$ a $\begin{aligned} & \text { One pkt. each of Madame Gunther' } \\ & \text { or } 1 \text { oz. of each for } 50 \text { cts., postpaid. }\end{aligned}$

## 


#### Abstract

ro50 Burning Bush. © New. Intense, blood-red flowers, borne in clusters around the main stem of each plant in such quantities that they part the foliage, giving the effect of a bush on fire. Pkt. 15 cts., oz. 30 cts .

IO5I Golden Midnight. © New. Foliage is clear golden yellow, against which there stand out in most artistic contrast flowers that are almost black-really a deep maroon. For variety you should plant some of these with the green-leaved kinds. Pkt. 5 cts., oz. 20 cts ., $1 / 4 \mathrm{lb} .60 \mathrm{cts}$.


${ }_{1052}$ Queens of Tom Thumb. © New. Foliage is mottled green and white; the flowers vary from scarlet to primrose. Pkt. Io cts., $1 / 2 \mathrm{Oz}$. I 5 cts., oz. 25 cts .

1053 C. \& J. Large-flowering California Mixture. $\odot$ Beautiful and striking colors. Best quality. Pkt. 5 cts., oz. Io cts., $1 / 4 \mathrm{lb} .30 \mathrm{cts} ., \mathrm{lb} . \$_{1}$.

105 $\ddagger$ Dwarf French Chameleon. © Flowers of largest size, of many different shades and markings on the same plant. Pkt. 5 cts ., oz. $10 \mathrm{cts} ., 1 / 4 \mathrm{lb}$. 30 cts ., lb. $\$ \mathrm{I}$.

EOFFER $>69 \mathrm{~B}$ One pkt. each of the above 5 Dwarf Nasturtiums for 30 cts., or 1 oz. of each for 75 cts., postpaid.


Nasturtiums are unsurpassed for ease of culture, beauty of flowers and foliage, and constancy of bloom. The colors are always brilliant

## CHOICE SELECTED PANSIES

$\odot{ }^{\circ}$
Sow as early in spring as convenient for summer and fall bloom, and in August and September for early spring bloom

## 1153 MAMMOTH FRENCH PANSIES $\odot \odot$

These Pansies are extra choice, and the seed is selected from the finest colors obtainable by a leading Pansy-grower. Pkt. of 75 seeds i5c. 1154 AMERICAN MASTODON PANSIES, MIXED $\odot \odot$ Mastodon Pansies represent twenty-two years of exclusive cultivation, and all are of excellent form, richest colors and great size. Pkt. of Ioo seeds io cts., 3 pkts. 25 cts., $1 / 80$. $\$ 1.25$.

## THREE SPECIAL PANSIES

${ }^{1} 55$ Masterpiece. Giant, five-spotted Pansies, having ruffled or curled edges. Pkt. of 125 seeds 10 cts.
1192 Parisian Yellow. Rich golden yellow. Pkt. of 150 seeds io cts. 1158 Giant Bugnot. Rich and velvety, marked with a dark central blotch and elegantly veined. Pkt. of 125 seeds io cts.
EOFFLR $>70 \begin{aligned} & \text { The three special kinds, } 1 \text { pkt. each, for } 25 \text { cts., or } \\ & \text { the above five for } 50 \text { cts. }\end{aligned}$

SEVEN MASTODON PANSIES © $\odot$
These are of the same strain of Pansy seed, and from the same grower, that won such distinction at the Panama-Pacific International Exposition at San Francisco. No one who saw them can easily forget them.
II7I Beaconsfield. Purple and violet, shading to white. Pkt. Io cts. II 84 Mastodon Bronze. Several shades of bronze. Pkt. Io cts. II85 Mastodon Yellow. Bright, attractive yellow. Pkt. io cts. II86 Mastodon Black. Deep, velvety black. Pkt. Io cts.
I I8 7 Mastodon Mme. Steele. Purple throughout; rich. Plkt. Ioc. 1188 Prince Henry. Rich, dark blue; very large. Pkt. Io cts.
II 89 Grand Duke Michel. In all kinds of plantings you should have some white to help show out the other colors. This is the largest white Pansy in existence. Pkt. Io cts.



## GRAND PANSIES IN SEPARATE MIXTURE © ©

II59 Imperial German Pansies. Regular, perfectly formed flowers and wonderfully bright colors. Pkt. of I50 seeds io cts., $1 / 802.50 \mathrm{cts}$. 1160 Royal Prize Pansies. The best English, French, and German Pansies, including striped and spotted kinds. Pkt. of 150 seeds Io cts., 1/8oz. 40 cts. II6I Improved Giant Trimardeau Pansies. Noted for their immense size and rich, brilliant colors. Pkt. of 150 seeds 10 cts ., 1/802. 50 cts .
1162 Cassier's Giant Odier Pansies. Three or five large, bright spots on dark backgrounds. Pkt. of 150 seeds 10 cts ., $1 / 8 \mathrm{Oz} .50 \mathrm{cts}$.

## :OFFER 70b The 4 above pkts. of selected Mixed Pansies for 30 cts.

II 56 MADAME PERRET. $\odot \odot$ Superbstrain of giant-flowered Pansies, which includes lovely shades of red, rose-pink, canary-yellow, etc. The flowers are very large. of full-rounded form and very rich and velvety. Pkt. of i25 seeds io cts.

II65 CONARD'S NEW SUNSHINE PANSIES. $\odot \odot$ The flowers are of fine form, rich, velvety texture and bright, handsome colors. Pkt. of 200 seeds 5 cts ., $1 / 40 \mathrm{OZ} .40 \mathrm{cts} ., \mathrm{OZ}$. $\$ \mathrm{I} .40$.
II66 GIANTPARISIAN PANSIES. $\odot \odot$ The colors include lovely shades of crimson, violet, canary, orange, cream, etc. Pkt. of 200 seeds io cts., 1/802. 75 cts .
II68 ORCHID-FLOWERED PANSIES. $\odot \odot$ Ground-colors are mostly light, and the colors include Chinese red, terracotta, rose, etc. Pkt. of 125 seeds io cts.

| EOFRER |
| :--- | :--- |
| 25 cts., postpaid. |

## 1183 Good-Quality Mixed Pansies $\odot \odot$

Bright, handsome colors for bedding. Pkt. 5 cts., $1 / 8 \mathrm{oz}$. I 5 cts., $1 / 4 \mathrm{OZ} .25 \mathrm{cts} .$, 1/2OZ. $45 \mathrm{cts} .$, oz. 85 cts .

## 1163 SWEET-SCENTED PANSIES $\odot \odot$

These make deep-rooted and compact clumps, which live over winter. They bear a profusion of brilliant, sweet-scented flowers. Mixed colors only. Pkt. of 125 seeds $5 \mathrm{cts} ., 1 / 4 \mathrm{Oz}$. $50 \mathrm{cts} ., \mathrm{oz}$. $\$ 1.50$.

## 1164 VIOLAS-TUFTED OR BEDDING PANSIES © 4

These plants are hardy, of vigorous growth, and form deep-rooted, compact clumps.

We
Offer
Pansy
Plants on page 42

They are more perennial in character than ordinary Pansies, throwing out new shoots
annually. The flowers are of most brilliant colors, including white, lemon, orange, claret, crimson, purple, etc. They are borne on long stems which shoot up directly from the roots, which accounts for their blooming nine months in the year. Pkt. of i25 seeds IO cts., $1 / 802.50$ cts.

## LARGE-FLOWERING PETUNIAS, PHLOX, ETC.



Peony-flowered Double Petunia

## PETUNIAS, DOUBLE FLOWERS

1245 Peony-flowered. © Careful tests have shown that 75 per cent of the blooms come double. The flowers are larger than any other double l'etunia we know. (See cut.) Pkt. 25 cts.

1246 Double Fancy, Fringed. © Flowers like round, fluffy balls in all imaginable shades of blue, white and garnet, wonderfully variegated. This seed is carefully chosen and will usually yield about 30 per cent of double fringed flowers. Pkt. 25 cts .

1250 Best Double. © Will produce a large proportion of double flowers of magnificent colors and shades. Pkt. Io cts.

## PETUNIAS, SINGLE FLOWERS

1244 Giants of California. © Wonderful combinations of colors, embracing every conceivable shade of crimson, pink lavender, yellow and even deep black. Many flowers are beautifully ruffled and frilled. Pkt. io cts.

1247 Fluffy Ruffles. © The flowers are slightly smaller than the Giants of California but more ruffed. Mixed colors. Pkt. 15 cts.

1252 Rosy Morn. © This is the flower for you, if you want a solid bed or border of rosy pink. It blooms unceasingly the entire season. The rosy pink flowers have a white throat. Pinch the plants back once a month to encourage more bloom. Pkt. io cts.

1253 Howard's New Star. © Most of the flowers show a distinct white star on a purplish crimson ground. In the fall the stars become feathered with crimson and soft pink. Pkt. Io cts.

1248 Snowball. © Pure snow-white and sweet-scented. Pkt. 5c. -1249 Blotched and Striped. © Flowers with star-shaped blotches of brilliant colors; fine for bedding and window-boxes. Pkt. 5 cts., 1/80z. 20 cts.

1251 Hybrida. © Finest mixed colors. Pkt. 5 cts., 1/4oz. 25 cts.

$$
\text { EOPFER } 71 \begin{aligned}
& \text { One pkt. each of Petunias, Giants of California, Best } \\
& \text { Double, Rosy Morn and Howard's Star for } 30 \text { cts. }
\end{aligned}
$$

## PHLOX DRUMMONDII GRANDIFLORA

This splendid strain of Large-flowering Phlox is remarkable for its constant and abundant bloom, the large size of its flowers, some of which will nearly cover a fifty-cent piece, and the great variety and intense brilliancy of its colors, which exceeds anything ever seen in this line. For bedding and making ribbon lines of color no other flower can approach these magnificent Phlox in brilliant effect, or are obtained with so little expense.

1272 Pure White. Pkt. io cts. 1273 Deep Rose. Pkt. Io cts.
1274 Crimson. Pkt. Io cts. 1277 Yellow. Pkt. Io cts. OFFER 71a. One plt. each of the 4 separate colors for 35 cts .
${ }^{12} 75$ Phlox Drummondii, Superb Mixed. Including all colors. (See cut.) Pkt. Io cts.

1276 Phlox Drummondii, Starred and Fringed. There are about twenty colors in the Starred and Fringed varieties. Pkt. 10 cts.
The Germination Table on page 81 is intended to be of service to our customers


Platycodon

## 1278 HARDY PERENNIAL PHLOX

 (Phlox decussata) 2Among the finest herbaceous plants for beds and borders, and is unequaled for bright, showy bloom. Makes massive heads of fragrant flowers, in colors including white, pink, scarlet, crimson, maroon and all intermediate shades. Mixture of finest sorts, plit. Io cts.

## 1280 PLATYCODON

## Tuberous-Rooted Clematis 2

Grows low and bushy, begins to bloom quickly; flowers are lovely violet-blue. It is sometimes called "Balloon Flower," as the blossom, before it opens, resembles a balloon. On account of its low growth and freedom of bloom, it is very suitable for bordering. (See cut.) Pkt. Io cts.


Phlox Drummondii grandiflora

## PRIMROSES, PORTULACA AND POPPIES



## PRIMROSES-4 kinds

I330 Primula Sinensis fimbriata. Fringed Chinese Prim- Pkt, rose. $\triangle$ One of the most beautiful and satisfactory house plants. (See cut, p. 6I.) Mixed colors.......\$0 10 1331 Everblooming Primula obconica grandiflora. The flowers are of many beautiful shades, including pink, violet, blush-rose, lilac, white, etc. (See cut.).
1332 Primula malacoides. Improved Baby Primrose. New. $\Delta$ Forms clumps of light, feathery foliage, full of flower-stalks all the time. Flowers are a delicate shade of lavender, produced in great profusion.
1333 Primula vulgaris. 2 The common wild English Primrose, with beautiful flowers of yellow and brown.

## PORTULACA © Sun Plant or Rose Moss

Most beautiful and showy. Grows low and spreading; does best in hot, dry weather, and in warm, sandy soil. (See cut.) Pkt. 1326 Finest Single, Mixed. © ....1/2oz. 25 cts., oz. 40 cts.. . $\$ 005$ 1325 Double Rose-flowered, Mixed. © Unsurpassed for brilliancy, beauty and quantity of bloom. Double Portulaca should be planted wherever you want to cover the ground between other plants... $\frac{16}{16} \mathrm{Oz} .50 \mathrm{cts}$. .

10

## THE FINEST POPPIES- 10 varieties

I290 Double Carnation, Mixed. © Unequaled for brilliancy Pkt. and gorgeous variety of colors. (See cut.). .oz. $20 \mathrm{cts} .$. . $\$ 0$ o5 1295 New Fayal. © Many different shades of red, pink, maroon, white, etc., elegantly variegated.
I29I Golden Gate. © Large, elegant, cup-shaped flowers, double, semi-double and single; bright and showy colors. 1293 New Giant California, Irresistible. © Immense, double round flowers: most exquisite, melting rose-pink.
1294 Grand New White Fringed, Maid of the Mist. © Enormous flowers, pure snow-white, elegantly fringed.
I299 White Swan. © Very double, and pure white...........
I297 Shirley. © All shades of rose, pink, crimson and pure white. The flowers have a delicate, silky appearance. (See cut.).
1298 New Anemone-flowered, St. Brigid. 24 Low-growing habit, and will soon cover the ground. Mixed colors.. 1292 New Tceland. 24 Entirely hardy. The colors range from purest white and yellow to richest orange and scarlet...
I296 Oriental. 24 Immense flowers, distinct and very beautiful, 6 inches across, intense scarlet.


Everblooming Primula obconica grandiflora


Magnificent Double Carnation Poppies

Lovely Silky Shirley Poppies



THE MORE FLOWERS YOU CUT THE LONGER THE VINES WILL BLOOM

\section*{EXTRA-EARLY | OR |
| :---: |
| FLO |
| WINTER |
| WERING | SPENCERS}

These kinds flower several weeks ahead of the standard Spencers and are specially suited for indoor growing.
I575 Early Snowstorm. The plants become a mass of snow-white flowers which continue through a long season. Pkt. of io seeds, i5c.
157+ Early Lavender King. Color is rich true deep lavender throughout. Flowers are of large size and true wave form, produced on long, strong stems. Excellent for cutting. Pkt. of 10 seeds, 15 cts .
I 573 Yarrawa. Flowers are large and exquisitely waved. Color is bright rose-pink with a clear creamy base. Awarded a certificate of merit by The American Sweet Pea Society. Pkt. of 30 seeds, 15 cts.

OFFEK $>\mathbf{7 3 b} \begin{aligned} & \text { One pkt. each of } \\ & \text { above Extra-Early }\end{aligned}$
Spencers for 40 cts .

## 1918 NOVELTY SWEET PEAS

The enormous size of the flowers of these Countess Spencer types and their wonderful form will be fully shown to anyone who will plant from the following lists.
1577 THE PRESIDENT. A wonderfully brilliant, glowing scarlet. Said to be the brightest color we have in Sweet Peas. Pkt. of 10 seeds, 25 cts .
1572 FIERY CROSS. This flower has the appearance of live fire, the color being a scorching fire-red, which scintillates in bright sunlight. Pkt. of 10 seeds, 25 cts. ${ }^{156}$ - MARGARET ATLEE. Color is rosy salmon-pink on a creamy buff ground, soft, rich and attractive; the standard is wavy and double. Pkt. of 40 seeds, 15 cts.
I 568 ORCHID. Rich, deep lavender throughout, slightly suffused pink on standard and wings. Pkt. of 30 seeds, 15 cts.
I50I WEDGWOOD. The best Blue Spencer. Color is beautiful pale blue. The size is larger and the form superior to other blues. Pkt. of 30 seeds, i 5 cts.
1502 KING WHITE. Superior to all other whites. Pkt. of 40 seeds, 15 cts
${ }^{1} 503$ ILLUMINATOR. Glowing orange-scarlet; very effective. Pkt. of 40 seeds, 15 cts.

$$
\text { OFFFR }>73 \begin{aligned}
& \text { One pkt. each of the above } 7 \text { Novelties for } \$ 1 \text {, or any } 4 \text { is } 15 \text {-ct. } 50 \mathrm{cts} \text {. }
\end{aligned}
$$

SIXTEEN CHOICE SPENCERS | About |
| :---: |
| in |
| in cach paced |
| packeese | Price for all below, 15 cts . per pkt., 30 cts . per oz., $\$ 1$ per $1 / 4 \mathrm{lb}$. postpaid 1509 Asta Ohn. Soft lavender.

${ }_{1510}$ Aurora Spencer. Cream-white, mottled with orange-salmon.
I 569 Blue Jacket. True navy-blue.
151I Constance Oliver. Delicate pink, suffused with cream.
${ }_{15} 12$ Countess Spencer. The original Spencer. Lovely pale pink.
1513 Dainty Spencer. White, exquisitely edged with pale rose.
${ }^{1} 570$ Elfrida Pearson. Lovely pink; buds tinted salmon-pink.
1507 Irish Belle, or Dream. Lilac, flushed with pink.
${ }_{15} 16$ King Edward. Crimson-scarlet.
${ }^{1} 518$ Mrs. Hugh Dickson. Rich pinkish apricot on cream ground.
I520 Othello Spencer. Very large. Rich deep maroon
${ }^{1} 57$ I Primrose Spencer. Primrose.
${ }^{1} 576$ Royal Purple. Rich, warm, rosy purple color.
I52I Senator Spencer. Wine-colgred stripes on light heliotrope ground.
1505 Vermilion Brilliant. A most brilliant, iridescent scarlet.
${ }^{1} 522$ White Spencer. Enormous flowers that are pure snow-white.

Offer $>73 \mathbf{3} \begin{aligned} & \text { One pht.e each of any } \\ & \text { of } 16 \text { for } \$ 1.75\end{aligned}$ BEST UP-TO-DATE SWEET PEAS
Price, pkt. 5 cts., any 6 pkts. for 25 cts., 10 pkts. for 40 cts ., oz. 20 cts ; in larger quantities, $1 / 4 \mathrm{~b}$. 50 cts., $1 \mathrm{lb} . \$ 1.50$, postpaid

## WHITE

I 525 Dorothy Eckford. Pure white
${ }_{1527}$ Nora Unwin. White; fine form.
LIGHT AND DEEP PINK
${ }^{1} 530$ Gladys Unwin. Light pink.
${ }^{1} 533$ Prima Donna. Deep pink.
STRIPED AND VARIEGATED
1534 America. Crimson on white.
I 535 Aurora. White, flaked salmon.
I 536 Helen Pierce. Blue and white. RED AND SCARLET
1515 George Herbert. (Spencer.) Rosecrimson.
1517 Maude Holmes. (Spencer.) Rich crimson.

## MAROON

1556. Black Knight. Almost black.

SHADES OF ROSE
1542 Prince of Wales. Bright selfcolored rose.
1519 Marie Corelli. (Spencer.) Brilliant rose-carmine. PINK AND WHITE
${ }^{1} 551$ Extra-Early Blanche Ferry. Rosecolor with cream-white wings.
LIGHT YELLOW AND ORANGE
I555 Mrs. Collier. Rich primrose.
I 547 Helen Lewis (Orange Countess). Rich crimson-orange. LAVENDER AND BLUE
${ }^{1514}$ Florence Nightingale. (Spencer.) Clear lavender.
${ }^{1} 562$ Mrs. C. H. Totty. Lavender.
1540 Navy Blue. Real, true navy blue.
-OFFER $>73 C^{\text {C. \& J. Rainbow Collection: } 1 \text { pkt. each of twelve colors (our }}$ these 45 -cent sets for $\$ 1.25$, postpaid.

SWEET PEAS IN MIXTURE

4 GRADES

I56 ${ }^{2}$ C. \& J. BEST UP-TO-DATE MIXED. A mixture of the newest and

$\overparen{\text { Pkt. }}$| Price, |
| :---: |
| Oz. |
| $\substack{\text { Postpaid } \\ \text { 1/ib. } 1 \mathrm{lb}}$ |
| Lb | most beautiful novelties, including the above best named kinds and seedlings of the newest shades.

. \$0 05 \$o 15 \$o 30 \$i oo
I565 C. \& J. EXCELSIOR MIXED. Choice varieties of brightest and most distinct colors.
${ }^{1} 523$ C. \& J. EXTRA-SELECTED MIXED SPENCER SWEET PEAS I 566 GOOD MIXED. All colors

## RICINUS, SUNFLOWERS, STOCKS, SALVIAS, ETC.



Schizanthus spray


Ten-Weeks Stocks

1346 DWARF MULTIFLORA ROSES. $\rightarrow$ Often bloom in Pkt. four months after sowing the seed. They flower in large clusters and are delightiflly fragrant.
\$0 05
I345 AMERICAN PILLAR ROSE SEED. 4 § Large, single flowers of rich, rosy pink approaching brilliant carmine, with just a glint of white in the center

15

## Ricinus (Giant Castor Bean)

Stately, tree-like plants, quickly growing 6 to 8 feet high, with richly colored foliage and stems. These plants make splendid specimens when grown alone, or they can be used effectively as centers for beds of Cannas or Elephant's Ear Caladiums. (See cut.)
I340 RICINUS cambogensis. © Large, palm-like leaves of Pkt. the darkest bronze-maroon, stalk and stem nearly black; height, 6 to 8 feet.
oz. 15 cts... So 05
I34I " Zanzibarensis. © New and distinct. The enormous leaves measure 2 to $21 / 2$ feet across. Plants make perfect pyramids of foliage.
.oz. I5 cts..
1400 SALPIGLOSSIS grandiflora. Painted Tongue. © The colors range from light blue and straw-color to deepest purple and maroon. Mixed colors.
1412 SCARLET RUNNER BEAN. © § Beautiful, ornamental climber, with bright scarlet, pea-shaped flowers; grows io to 12 feet high.
1415 SCHIZANTHUS. Christmas Orchid Flower. © Large, curiously shaped flowers beautifully spotted with crimson, lilac, purple and orange. (See cut.).
1425 SMILAX. $\downarrow$ § One of the most desirable window vines. Florists use this in making bouquets


Sweet Scabiosa


Sweet William

## TEN-WEEKS STOCKS

1435 STOCKS, Giant Perfection. © Colors, white, pink, Pkt.
mauve, red, purple, blush, etc. (See cut.)........ \$o 10
1436 " New Largest-flowering Globe Pyramidal. © Immense spikes of perfectly double flowers $\because \dddot{C u}$......
White Perpetual, Princess Alice, or
1437 " White Perpetual, Princess Alice, or "Cut-and-
1438 " Beauty of Nice. © Clear pınk; very fragrant
1439 '6 Colossal Double, Blue Bell. © Dark, deep blue..
1440 " Dwarf German. Fine mixed. ©.....................
I445 STOKESIA eyanea. Cornflower Aster. 24 Bears large
lavender-blue, cornflower-like asters from July to frost. lavender-blue, cornflower-like asters from July to frost.
RED SUNFLOWER. $\odot$ The plants vary in height,
1456 RED from 5 to 8 feet, and throw out many side branches, The flowers are very numerous and of good form, usually having large, long rays and small disks. The heads vary greatly in size; some are only 2 to 3 inches across, while others are a foot or more. The color varies from chestnut-red to red and yellow, some flowers coming all yellow.
1453 Sunflower, Californicus. © Double yellow
I4IO SWEET SCABIOSA. Mourning Bride. © Bears large, double flowers (See cut.) Mixed colors.
1600 SWEET SULTAN. Centaurea suaveolens. $\odot$ Flowers in bright yellow; petals finely fringed.
IGOI SWEET WILLIAM. Dianthus barbatus. 4 Flowers in clusters; very sweet. (See cut.) Mixed . .oz. $40 \mathrm{cts}$. .
474 UMBRELLA PALM. Cyperus alternifolius. $\backslash$ A beautiful plant for indoor decoration-easily grown..


Ricinus (Castor Bean)

## BRILLIANT SALVIAS

1405 Splendens, Drooping Spikes. $\odot$ A splendid new, large-flowering Salvia (Scarlet Sage); bears three times as many flowers as the ordinary Salvia splendens. It is exceedingly handsome and desirable for lawn or garden, whether planted singly or in groups with other flowers. The flowers are intense, dazzling scarlet, and are borne in endless profusion until late in the fall. Pkt. of 75 seeds, Io cts., $1 / 8 \mathrm{oz} .40 \mathrm{cts}$. (See cut.)

1406 Splendens, Erect Spikes. Largeflowering Scarlet Sage. $\odot$ Grows easily; makes grand, stately plants, 2 to 3 feet high, completely covered with intense, bright scarlet flowers. Pkt. yo cts., $1 / 4 \mathrm{Oz}$. 50 cts .

1407 Blue (Salvia farinacea). $\odot$ This is the lovely blue Salvia, forming dense, bushy plants, with long spikes of beautiful blue flowers. Pkt. io cts.

## OPFRR $74 \begin{aligned} & \text { 3 packets, } 1 \text { each of the } \\ & \text { above, } 25 \text { cts. }\end{aligned}$

NOTE. Salvia Plants offered on page 61.


Salvia splendens. Drooping spikes

## VERBENAS, WALLFLOWERS, ZINNIAS, ETC.



Conard's New Prize Verbenas. The finest strain now known
I6I5 VINCA. © § Splendid house and bedding plants, is
inches high, with glossy green leaves and pretty white and colored flowers. Fine mixed
I6I8 VIOLET. 24 Everyone loves sweet Violets for their charming color and delicious fragrance.
1620 " White Czar. 24 Pure snow-white, splendid, large, bold flowers, borne on tall stems; handsome.
1630 WALLFLOWER, Extra-Early Parisian, 24 Mag-
1630 WALLFLOWER, Extra-Early Parisian. 24 Magfragrant. (See cut below.)
I635 WATER-LILY, Zanzibar. $\rightarrow$ Soft rose-red. This is one of the hardiest and most beautiful WaterLilies, and can be grown easily from seed.
1636 6 Hardy Blue. $\curvearrowleft$ Same as above except color, which is a beautiful ultramarine-blue. Produces flowers of exceptional beauty. Quite hardy.
590 WILD CUCUMBER. Echinocystis lobata. © § Most rapidly growing and free-flowering. The vines attain a great height .
I635 WATER one of the hardiest and most beautiful Water-
05
05 CCA. 24 Adam's Needle, or Spanish Bayonet. Bears enormous clusters of creamy white, bellshaped flowers. (See cut below.)

I605 VERBENA, CONARD'S NEW PRIZE. © The plants are enormous bloomers, producing great sheets of flowers during the whole season; the flowers are of the largest size, most perfect form, and brightest and richest colors; they are delightfully sweet-scented. Pkt. 5 cts., 1/4oz. 40 cts.
1606 Verbena, Pure White (Sea Foam or Candidissima). A particularly fine strain of exquisite, large-flowering, pure white Verbenas. Pkt. 10 cts.
1607 " Scarlet Defiance. Wonderfully brilliant scarlet flowers borne in splendid clusters; showy when planted in solid beds or borders. Pkt. io cts.
1609 " New Moss. © Grows very quickly from seed and soon covers the ground with a thick mat of fine, moss-like foliage and a grand profusion of lovely, rosy purple, verbena-like flowers. Pkt. Io cts.
1608 66 bybrida. © Good quality. Mixed. Pkt. 5 cts.

## EOFFER $>75{ }_{\text {postren }}^{1}$ phe each of the five Verbenas offered for 30 cts ,

NOTE. Verbena Plants are offered on page 61.
Pkt. $\left\lvert\, \begin{aligned} & 1650 \text { ZINNIA (Youth and Old Age). Haageana Perfec- Pkt. }\end{aligned}\right.$ tion. © A distinct novelty. Great bloomer; grows only 10 inches high; finest, brightest colors. Fine for bordering beds
1651 "New Giant Mammoth. These belong to a grand new class of Zinnias, growing about 3 feet high, branching freely and bearing an immense profusion of large, double flowers of the richest and most handsome colors during the whole season. Fine mixed colors, bright and handsome.
1652 " Double Lilliput. Low, compact bushes, crowded full of fine, perfectly double, brilliant flowers.
1653 " New Curled and Crested. Has large, curled and crested petals, which impart a softness and beauty to the flowers that is very attractive. .
1654 '" Dwarf Fire-Ball. Makes beautiful, dwarf, bushy plants, only 6 to 8 inches high, covered with large, double flowers of bright crimson
1655 " Dwarf Snowball. Exactly similar to the above except that the flowers are pure snow-white
1656 ' Choice Double Mixed. Double flowers of good form and size.


Yucca, or Spanish Bayouet


Wallfower-deliciously sweet


Zinnias-easy to grow and most satisfactory


Gladiolus, Mrs. Frank Pendleton, Jr.

WAR. New. Flowers deep brilliant crimson, of large size and great substance. 30 cts. each, postpaid.

AMERICA. A famous Gladiolus. Soft lavender-pink, very light and like an orchid. 15 cts. each, postpaid.

PEACE. Flowers almost snow-white, with a delicate lilac feathering on the lower petals. Unsurpassed for cutting. 30 cts. each, postpaid.
MRS. FRANK PENDLETON, JR. Immense flowers delicate sal

MRS. FRANK PENDLETON, JR. Immense flowers, delicate salmonpink, with blood-red blotch in throat. 30 cts . each, postpaid.

PANAMA. A seedling of the famous America, with the same splendid form and substance, but the color is a deeper, richer pink. Awarded a Firstclass Certificate by the Newport Horticultural Society. 25 cts . each, ppd.

KUNDERDI "GLORY." The New Ruffled Gladiolus. An entirely new form; petals exquisitely ruffled and fluted. Delicate cream-pink, with crimson stripe in center of lower petals. 25 cts . each, postpaid.

SCHWABEN: A large-flowered Gladiolus that has become very popular. Color is delicate pale yellow with dark blotch in center. 30 cts. each, postpaid.
s0FFER $>76$ The above 7 new and choice Gladioli, $\$ 1.60$, postpaid.

## FOURTEEN SELECTED NAMED GLADIOLI

Attraction. Deep, dark, rich crimson, with a very conspicuous, large, pure white center and throat. 15 cts . each, post paid.
*Baltimore. Light salmon, throat marked with deeper salmon on a cream-colored ground. Immense flower. 20 cts . each, postpaid.
*Baron Hulot. Flowers are deep, dark blue, a unique and beautiful shade, slightly marked with lighter blue. 15 cts . each, post paid.

Brenchleyensis. Brilliant vermilion-scarlet. 15 cts . each, postpaid.
*Chicago White. Large flowers, pure white with faint lavender streaks in the lower petals; very early bloomer. I 5 cts. each, postpaid.

Halley. Salmon-pink, red stripe on lower petal. 15 cts . each, postpaid.
*I. S. Hendrickson. Variegated. A beautiful and irregular mottling of white and pink. 15 cts. each, postpaid.
*Klondyke. Flowers round, well opened. Color clear primrose-yellow, blotched vivid crimson-maroon. I5 cts. each, postpaid.

May. A lovely, pure, snowy white variety, finely flaked with rich rosy crimson. Very attractive. 15 cts each postpaid.

Mrs. Francis King. Light scarlet; very attractive. I5 cts. each, ppd.
*Niagara. Cream and yellow, throat splashed carmine. 20c. ea., ppd.
*Princeps. The King of all Gladioli. Brilliant scarlet-crimson, with three broad white blotches on the lower petals. 15 cts each, postpaid.

Shakespeare. White, penciled light and dark rose. 20 cts. each, ppd.
Taconic. Pink, marked crimson and pale yellow. 15 cts . each, ppd.
EOFFER $>76$ a $\begin{aligned} & \text { The } 7 \text { kinds marked }{ }^{\text {of }} 14 \text { for } \$ 2 \text {, postpaid } \$ 1 \text {, postpaid, or the set }\end{aligned}$

GLADIOLUS PRIMULINUS HYBRIDS
A vigorous-growing class that often produces spikes 5 feet in height, very graceful and unusually attractive. The blooms have the clearest tones and tints to be found in lemon, primrose, orange, russet-brown, bright rose, apricot, and some crimsons. They branch freely and should be giown in lots of a dozen or more; beds like this will have blooms for two to three months.
Mixture of Choice Light Shades. IO cts. each, 3 for 20 cts., 60 cts . per doz., ioo for $\$ 4.50$, postpaid.

## LEMOINE'S BUTTERFLY GLADIOLI

These bulbs are entirely hardy and they bloom about two weeks earlier than other kinds. The flowers are rich in coloring and rival the finest orchids, the colors blending together and producing an effect seen in no other Gladiolus. 3 for Io cts., 30 cts . per doz., $\$ 2$ per ioo, postpaid.

## GLADIOLI CHILDSII, MIXED, FIRST SIZE

These outrank most other Gladioli in size of spike, size of flower, vigor, varied and magnificent coloring, and freedom of bloom. Every color among Gladioli is represented and the form of both flowers and spike is considered perfect. In the colors a number of blues, smoky grays, and purple-blacks appear, varied with pink, crimson, yellow, etc. 3 for io cts., 30 cts . per doz., $\$ 2.50$ per roo, postpaid.

## C. \& J. LARGE-FLOWERING HYBRIDS IN SEPARATE COLORS

Improved year after year by discarding all undesirable flowers and developing new shades and combinations of colors. Every bulb will produce a beautiful spike of bloom and some even two and three in a season.

> All postpaid

C. \& J. Mixture of White and Light

Shades.............................. 10 . 40 oo
C. \& J. Mixture of Pink Shades........ Io $40 \quad 200$
C. \& J. Mixture of Yellow Shades..... 15 75 75
C. \& J. Misture of Striped Shades..... Io $40 \quad{ }_{2} \quad 00$

## C. \& J. LARGE-FLOWERING MIXED GLADIOLI

This is an exceptionally choice mixture with all the above colors included so that in lots of a dozen or more you will get a number of excellent kinds. First-size selected bulbs, 3 for 10 cts., 30 cts. per doz., $\$ 1.75$ per ioo, postpaid.
sOFFER 76b 12 LaRGE-FLOWERING MIXED GLADIOLI 12 LEMOINE'S BUTTERFLY GLADIOLI
24 in all, for 50 cts., postpaid
25 each of above, 50 in all, for $\$ 1$, postpaid

## C. \& J. SURPASSING TUBEROSES

Tuberoses are among the sweetest and most beautiful flowers in existence. Plant, after the ground gets warm and weather settled, where they are to remain. Double Excelsior Pearl. Grows is inches high, blooms early and bears immense spikes of large, pure white, perfectly double flowers; deliciously sweet. (See illustration.) 3 for 12 c . $; 7$ for 25 cts ., 35 c . per doz., $\$ 2.50$ per 100 , postpaid.
Extra-size Double Excelsior Pearl. Very choice. 2 for 10 cts., 50 cts. per doz., \$3 per 700, postpaid.
Silver-leaved. Leaves are bordered cream-white. Flowers large, single and very sweet. Blooms very early. 5 cts . each, 50 cts . per doz., $\$ 3.50$ per 100 , postpaid.

Orange-flowered. Single flowers resembling orange blossoms in exquisite beauty and delicious fragrance. 3 for 15 cts ., 6 for 25 cts ., 50 cts . per doz., $\$ 3.50$ per 100, postpaid.
Early-branching Albino. Blooms early; flowers are large, single and well expanded; pure, waxy white and delightfully fragrant. The plant has a branching habit, and gives more flowers to the stalk than the other kinds. 6 for 25 cts., 50 cts. per doz., $\$ 3.50$ per 100 , postpaid.
OFFER $>77 \mathrm{I}$ bulb each of the above 4 Tuberoses for 15 cts., postpaid

## THREE EXCELLENT SETS OF TUBEROSES



HYACINTHUS candicans. Giant Summer-flowering Hyacinth. Grows 3 to 4 feet high and bears from twenty to thirty large, bell-shaped, pure white, fragrant flowers. Entirely hardy. 5 cts. each, 6 for 25 cts., 50 cts . per doz. postpaid.
LILY-OF-THE-VALLEY. Makes beautiful bouquets. Grows well in shade. Perfectly hardy. Pips, 12 for 50 cts . 25 for $\Sigma_{1}$, 100 for $\$_{3}$ (lumps, 30 cts. each, postpaid; 12 clumps, $\$_{2.50}$, by express.
MEXICAN STAR FLOWERS (Montbretia crocosmiaflora). Pretty spikes of brilliant star-shaped flowers; rich orange-red; blooms all summer. 3 for io cts., 30 cts . per doz., postpaid.
MONTBRETIAS. Mixed colors, different shades of red, orange and yellow; very showy and attractive. + for $10 \mathrm{cts} ., 20 \mathrm{cts}$. per doz., postpaid.

## Summer-Flowering Oxalis for Edging

When planted 3 inches apart they make an unbroken row of foliage and flowers. Purpurea. Finely cut foliage and rosy purple flowers.
Deppei. Clover-like foliage; fine white flowers.
Lasiandra. Finely cut foliage and rosy pink flowers.
Prices: 12 for 20 cts., 100 for $\$ 1$; mixed bulbs, 12 for 15 cts., or 75 cts. per Ioo, ppd.


Nymphaea odorata. The fragrant Water-Lily

NYMPHEA odorata. The Fra. grant Water-Lily. Greatly admired for its great, double, white flowers, often white flowers, 5 to 6 inches in diameter, which float on the surface of the water. Plant the roots in sandy soil in a tub or halfbarrel with pebbles to keep them in place, then fill with water. Strong roots, 25 cts. each, 6 for $\$ 1.25$, postpaid.
SCARLET FREESIA (Anomatheca cruenta). Very pretty and fine for bedding and pots. 4 for 10 cts ., 20 cts . per doz., postpaid.

## TIGRIDIA, or Shell Flower. Bloom freely all summer. 3 kinds.

Conchiflora. Golden yellow, daintily spotted with crimson.
Pavonia grandiflora. Bright crimson, center spotted with yellow. Grandiflora alba. Ivory-white, yellow center, spotted with crimson 5 cts. each, 6 for 25 cts., 40 cts . per doz., postpaid
ZEPHYRANTHES rosea. Fairy Lilies. Clear rose-pink. 10 cts . each,
85 cts . per doz., \$6 per 100, postpaid.
Candida. Pure white, waxlike Fairy Lilies. 2 for 10 cts., 50 cts. per doz., $\$ 3.50$ per 100 , postpaid.

## SUMMER-FLOWERING BULBS



## BEST NINE HARDY LILIES

Myriophyllum. (Regale Lily.) See cut. Flowers white Each 3 fo
throat canary-yellow color
which extends part way up the trumpet. Delightfully perfumed
Auratum vittatum rubrum. Waxy white, with a
broad crimson stripe through the center of each petal,
the rest of the flower spotted crimson.................
uratum. The Gold-banded Lily of Japan. Con-
Auratum. The Gold-banded Lily of Japan. Considered the Queen of Lilies. First size Exira-size bulbs
Brownii. Outside purple, inside pure white

spotted with purplish brown
Speciosum album. Pure white
Speciosum magnificum. Rich deep red
Speciosum roseum. Rose and white, spotted red. Tigrinum flore-pleno. Double Tiger Lily. Bright rich orange, spotted black

## =0FftR 78 One each of the above 9 for 82.75 , or the last 7 kinds for

## GIANT-FLOWERED <br> AMARYLLIS $\begin{gathered}\binom{\text { See cut }}{\text { below }}\end{gathered}$

Hybrids of Vittata. Impressive giant flowers, beautifully striped, flaked and feathered, unique in their colorings and almost twice the size of an ordinary Amaryllis. 50 cts and 75 cts . each.
Johnsonii. Large, beautiful, lily-like flowers. Color is blazing red tastefully striped with white. 35 cts. each.
Queen Mary, or Double-Petaled White Amaryllis (Ismene calalhina). Iery sweet. 20 cts . each.
Hallii (Lycoris squamigera). "The Magic Wand Flower." Lilac-pink, shaded clear blue. Foliage disappears in July and flowers appear as if by magic in August. 25 cts . each.
OFFER 78a. The above 4 for $\$ 1.10$, postpaid.
AGAPANTHUS umbellatus. Bright blue flowers borne in clusters of 20 to 30 . Splendid for jardinieres. 25 cts. each, postpaid.
CHLIDANTHUS fragrans. Bright yellow flowers resembling an Amaryllis; deliciously sweet. Io cts. each, postpaid.


Amaryllis, Giant Hybrids of Vittata

## FANCY-LEAVED

 CALADIUMS ${ }^{\text {All } 20 \mathrm{cts}}$. CAS each, ppd.We may be obliged to make slight changes in these varieties.
Araras. Pink, green ribs and veins. Candidum. White with green ribs. Flambeau. Red leaves suffused bronze. Gaze de Paris. Pink, red ribs.
G. J. Smith. Creamy ground, pink spots Nehrling. White leaf, veins red.
Lord Derby. Red, veins deep red. Pedro Ivo. White, suffused pink. Silver Cloud. Gray, clouded red. Wightii. Green, spotted red and white. OFFER 78b. Any above 3 for 50 c ., or our selection, 3 for 40 c . The set of 10 for $\$ 1.50, \mathrm{ppd}$.

## CALADIUM ESCULENTUM (Elephant's Ear)

Immense heart-shaped leaves, sometimes 3 feet long by 2 feet wide. Ist size, I 5 cts. each; 2nd size, 25 cts . each; 3rd size, 40 cts . each, postpaid.

## GIANT-FLOWERING CALADIUM

Produces pure white flowers like giant calla lilies. Requires plenty of water and hot sunshine. 20 cts. each, postpaid; large started plants, 50 c . each, by express.

## TUBEROUS-ROOTED BEGONIAS

These plants like rich, moist ground, which should be shaded or mulched to prevent drying.
Single. Six separate colors: Orange, Scarlet, Crimson, Pink, White, and Yellow. Io cts. each, 6 for 50 cts ., 12 for 75 cts., Ioo for $\$ 6$, postpaid.
Single. Mixed colors. 7c. each, 6 for 35 c ., 12 for 65 c ., 100 for $\$ 4.50$, postpaid. Double. Four separate colors: Scarlet, Pink, White, and Yellow. 20 cts . each, 4 for $75 \mathrm{cts} ., \mathrm{I} 2$ for $\$ 1.75$, Ioo for $\$ 9$, postpaid.
Double. Mixed colors. I5 cts. each, 4 for 50 cts., 12 for $\$ 1.40,100$ for $\$ 8$, postpaid.

## DOUBLE BEGONIA, DUKE OF <br> ZEPPELIN

The flowers are rich vermilion-scarlet, exceedingly bright. 25 cts. each. 3 for 60 cts., postpaid.


## CALLA LILIES (Arums)

Godefrey. Grows I 8 inches. Free bloomer. Growing plants only. 25 cts. each.
Elliottiana. Golden yellow. 30 cts . each. Little Gem. White. Io cts. each.
Sweet-scented. Dwarf; white. I5c. each. White Calla. Lily of the Nile. The old standby. 25 cts. each.
Black Calla. Dark purple flowers spike black. 15 cts . and 20 cts . each.
Spotted Calla. White flowers, leaves spotted white. I 5 cts. each.
OFFER 78c. One each of the last 6 Callas for 85 cts., postpaid.

## MONARCH OF THE EAST (Arum

 cornutum). Blooms without soil or water. Flower sheath is brown, tipped with red and yellow. (Sometimes called Red Calla.) 20 cts . each.
## RARE CRINUMS

Fimbriatulum. White and carmine Large flowers, very fragrant. 20 cts. each, postpaid.
Kirkii. White, striped purple. 35 cts each, postpaid.
Ornatum. White, striped pink. 50 cts. each, postpaid.

## NEW SELF-WATERING FLOWER-BOXES

Plants grow and thrive better in them, and blooms will be larger and foliage heavier, than in the ordinary surface-watered boxes.

The boxes are provided with a self-watering device which renders attention unnecessary except at intervals of from io to 20 days. They are made of strong galvanized iron and painted an attractive green. Through the tube in the corner water is poured into the reservoir (e) underneath the false bottom ( $d$ ) which supports the soil (b).
Sponges (cc) touch the extreme bottom of box and extend upward into the soil in which the flowers are planted, thus supplying water by subirrigation.


## OFFER 79

I No. 4 Window Box, 29 inches long 6 Geraniums, our selection, white, pink, or red Name your choice of color.
7 Vinca variegata, for edge of box
ALL ABOVE COMPLETE FOR \$4 BY EXPR 1.05

WINDOW-BOXES, by Express
High Wide long Res. Weight


PORCH-BOXES, by Express
High Wide Long Res. Weight

| No. | in. | in. | in. | qts. | packed | Price |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 I | 9 | I2 | 37 | 7 | 25 lbs. | $\$ 3$ |
| 22 | 9 | I2 | 4 I | 8 | 26 lbs. | 360 |
| 23 | 9 | I2 | 45 | 9 | 27 lbs. | 400 |
| 24 | 9 | I2 | 49 | IO | 28 lbs. | 425 |


| HANGING-BASKETS, by |  |  |  |  | Express |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| No. | in. | in. | qts. | packed | Price |
| 8 | 6 | 8 | 1 | 5 lbs . | \$1 10 |
| 10 | 7 | 10 | $11 / 2$ | 6 lbs . | 50 |
| 12 | 8 | 12 | $21 / 2$ | 7 lbs . | 75 |
| 14 | 9 | 14 | $31 / 2$ | 9 lbs . | 20 |

Hanging-basket prices include hooks for hanging, but no chain.

Copper-plated steel chain, 6 c . per ft .


Geranlums and Vinca variegata

## GARDEN REQUISITES, INSECTICIDES, ETC.



WUill rid plants and animals of all kinds of injurious insects, cheaply and effectively. Directions for use on every package. 3 -oz. cake, makes $11 / 2$ gallons prepared solution, 10 cts . each; 8 -oz. cake, makes 4 gallons prepared solution, 25 cts. each, ppd.

## A GOOD PLANT-FOOD, "BON ARBOR"



The Greatest Plant-Food Ever Discovered Results from only one or two applications are beyond description. It will make plants bloom.
7-oz. pkg., making 15 gals., 40 cts., ppd. I-lb. pkg., making 30 gals., 65 cts., postpaid.

## RADIX FOR WORMS

Get rid of the earth-worms quickly without injury to the plants, by using "Radix." Price, I-lb. can, 75 cts.", ppd.

## ANT DESTROYER

Rid your lawns and tennis-courts of ants. Usually only three applications are necessary. Price, 30 cts . per $1 / 4 \mathrm{lb}$., $\$ 1$ per lb ., postpaid; or by express, collect, in $5-\mathrm{lb}$. cans, 75 cts . per lb .

## THE HANDY AUTO-SPRAY, No. 37c



Tin Pump and Brass Reservoir, Guaranteed. Holds 1 gt. Liquid. Weight 3 lbs. when packed.

## LENOX PLANT SPRAYER

Useful for spraying under the leaves. Complete with a cake of Sulpho-Tobacco Soap. Price, 50 cts., postpaid.

## C. \& J. RUBBER PLANT SPRAYER

Useful also for sprinkling clothes before ironing. 85 cts., ppd.

## UNBREAKABLE GARDEN TROWEL

Made entirely of steel-handle and all. Price, 25 cts., ppd.

## IMPERISHABLE LABELS

Made of thin sheet-copper, and the names can be written on by anyone. Price, 40 cts . per doz.; box of $100, \$ 2$, postpaid.

## PAPER FLOWER-POTS

Light and waterproof. Reliable and especially convenient for temporary use. $2^{21 / 4}$-inch 3 -inch $3^{1 / 2}$-inch 4 -inch 5 -inch Per dozen, postpaid..\$0 25 \$o 30 \$o 40 \$o 50 \$0 75 Per ioo, by express.. 80 I $\begin{array}{llllllll}15 & 1 & 25 & \text { I } & 75 & 2 & 50 \\ \text { P }\end{array}$ Per I,ooo, by express 5 00 $650 \quad 800$ Io 00 I7 oo

## PRUNING SHEARS

Japanned Handles. $81 / 2$ inches long, a different design from the one shown below, strongly built. Price, \$I each, postpaid.
Nickel-plated. 9 inches long. (See cut.) Best workmanship: ratchet adjusting nut. First-class every way. Price, $\$ 1.50$ each, ppd.


HEDGE SHEARS
Long handles and 9 -inch blades. \$2.25 each, by express only.

# C. \& J. ROSES IN NATURAL COLORS 

## FRONT COVER RARE NEW ROSE HUGONIS

## HARDY SPECIES RECENTLY FROM CHINA

## IT BLOOMS IN THE SNOW

We had Hugonis in bloom during the last snowstorm and I never saw a more beautiful sight.-Mrs. W. Van Fleet, Washington, D. C., Spring, 1917.

The illustration on the front cover will show the exceptionally floriferous character of this remarkable new Rose, which is the first Rose to bloom in the spring, coming into bloom from ten days to two weeks ahead of the early Harison's Yellow. The color is intense canary-yellow, very bright and attractive, and the plant is noteworthy all the growing season by reason of its dainty foliage. When in bloom, the entire plant is covered with the bright, sunshiny yellow blossoms and buds, making a wonderful early spring show. Later it forms rich scarlet berries which remain until winter, and these berries, peeping through the foliage, are charmingly effective. The young shoots are rich crimson in color, lending an added beauty that is not seen in many varieties. Hugonis is hardy as an oak and most suitable for lawn specimens or planting among shrubbery, as it is an exceptionally vigorous grower. The popularity of Hugonis follows fast on the heels of its introduction but there is not in the country stock enough to meet the demand. Therefore we suggest that you order at once to secure the quantity you want this season. Extra-strong, I-yr. plants, $\mathrm{S}_{\mathrm{I}} . \mathrm{jo}_{\mathrm{o}}$ each, postpaid;


## BACK COVER <br> HARDY CLIMBERS

## Roses Requiring No Winter Protection <br> *AMERICAN PILLAR

This Rose is the most popular single hardy climber in exist ence. Its rich rosy pink flowers are exquisitely lovely, and are produced in such abundance as almost to hide the dark green, insect-proof, leathery foliage, which furnishes the plant right to the ground. It makes thick canes, 20 feet long, in one season, or can be kept in bush form if desired for a lawn specimen. I-yr. 20 cts ., postpaid; 2 -yr. 50 cts.; Star size, $\$ \mathbf{I}$, by express.
Conard \& Jones Co., Wrest Grove. Pa, Beacon, N. Y., July 30, 1015. Gentlemen: The judges of the American Rose Society, at the Hartford Rose test-garden in June last, avarded to "Conard \& Jones Company, West Grove Pa.. Climbing American Pillar Rose a Silver Medal. Scored 85 points. Highly recommended as a Pillar Rose." The Society extends to you its hearty appre-
Very truly yours,
ciation. ciation.

Very truly yours,
Benj. Hammond, Sec'y.

## $\star$ CLIMBING AMERICAN BEAUTY

This variety retains the deep pink to crimson color and the same delightful fragrance of the bush American Beauty; grows to a height of 15 feet, and produces hundreds of perfect blooms at one time. The foliage is very handsome, and as this Rose is perfectly hardy, it can be grown practically anywhere without winter protection. I-yr. 25 cts ., postpaid; $2-\mathrm{yr} .60 \mathrm{cts}$; Star size, $\$ \mathrm{I}$, by express.

## :OFFER> 80 by express.

These 2 Hardy Climbers, 1 -yr. size, for 40 cts., postpaid; 2-yr. size, \$1; Star size, \$1.70,

## INSIDE FRONT COVER

## 

Prices for all four below: 1-yr., 25 cts., each, postpaid; 2-yr., 50 cts . each; Star size, 75 cts ., each, by express
$\star$ GENERAL JACQUEMINOT. Brilliant scarlet-crimson; one of the best-known Roses; does well everywhere.
$\star$ PAUL NEYRON. An enormous pink Rose which blooms profusely; popular always. The canes grow strong and upright and make a fine bush. (See cut, page 33.)
$\star$ ULRICH BRUNNER. Bright cherry-red in color; flowers very large and full. Splendid for cutting.
$\star$ FRAU KARL DRUSCHKI. Produces immense, snow-white flowers of perfect form. The grandest white Rose in existence. (See cut on p. 32.) Extra size also, price \$1, by exp.

## $=0$ FFER $>80 a \begin{gathered}\text { The above } \\ \text { by express. }\end{gathered}$

## TWELVE RADIANT ROSES

1 Hugo Roller. A tea-scented "pictorial" Rose; color lemon-yellow, dashed crimson. A free bloomer. I-yr., 40 cts., postpaid: 2-yr., 75 cts ., by express.
$2 \star$ Madison. Cream-white, sometimes tinted pink; similar to Bride but larger. I-yr., 25 cts., postpaid; 2-yr., 50 c .; Star size, 75 cts., by exp.
$\mathbf{3} \star$ Mme. E. Marlitt. About the most vigorous-growing, fragrant, abun-dant-blooming Rose we know. Color is rich carmine-red. I-yr., 25 cts., postpaid; 2-yr., 50 cts.; Star size, 75 cts., by express.
$4 \star$ Mile. Helena Gambier. Canaryyellow with center shading to peach-pink. A good Rose. I-yr., 25 cts., postpaid; 2 -yr., 50 cts.; Star size, 75 cts., by express.
$5 \star$ Radiance. Rosy carmine and soft pink. Makes a magnificent large bloom. I-yr., 25 cts., postpaid; 2 -yr., 50 cts.; Star size, 75 cts., by express.
$6 \star$ Gruss an Teplitz. Dark rich crimson, passing to velvety fiery red. I-yr., 25 cts., postpaid; 2-yr., 50 cts . ; Star size, 75 cts ., by express.
$\mathbf{7} \star$ Wellesley. Rose-pink and silvery rose. Very full and free in bloom. I-yr., 25 cts., postpaid; 2-yr., 50 cts.; Star size, 75 cts., by express.
$\mathbf{8}$ ŁGen. MacArthur. Brilliant glowing crimson-scarlet. A splendid garden Rose and exquisitely sweetscented. I-yr., 25 cts., postpaid; 2 -yr., 50 cts.; Star size, 75 cts., by express.
(SEE INSIDE
(SACK COVER)
$9 \star$ Ecarlate. Medium-sized blooms of an intense brilliant scarlet. Flowers early and continuously. I-yr., 25 cts., postpaid; 2 -yr., 50 cts.; Star size, 75 cts ., by express.
10 *White Maman Cochet. Snowwhite, with outside petals tipped pink, especially in the autumn. I-yr., 25 cts., postpaid; 2 -yr., 5 O.c.; Star size, 75 cts., by express.
$11 \star$ Mrs. B. R. Cant. Large, perfectly double flowers, bright rose-red and elegantly shaded. I-yr., 25 c ., postpaid; 2 -yr., 50 cts ; Star size, 75 cts. , by express.
$12 \star$ Souv. de Pierre Notting. Rich orange-yellow that is often tinted with carmine-rose. I-yr., 25 cts ., postpaid; 2 -yr., 50 cts ; Star size, 75 cts., by express.
\&OFFLR $>80 \mathrm{~b}$ These 12 Roses in 1-yr. size, $\$ 2.50$, postpaid; 2 -yr. size, $\$ 4.50$; or 11 in Star size (omitting No. 1), for $\$ 7$, by exp.

## Germination Table, with Index to Flower Seeds

It is important to know the approximate time required by seeds for germination in order to sow them with satisfaction and success. Many seeds are condemned and neglected before they have had sufficient time to start. Always divide the packages and sow at different times. lou can then give them a second or third trial. Sow seeds that start about the same time together. Keep the seed-box or bed moist, but not wet, and do not let the soil dry out until the seeds have had ample time to germinate. (See Selfwatering Boxes, page 79.) Seeds are intluenced by conditions, and the plants may appear 25 per cent earlier or 25 per cent later than the table indicates, according to circumstances. Following is the page reference and the key to germination: $\mathbf{a}, \mathbf{5}$ days, $\mathbf{b}$, $s$ days, etc. The star (*) added means that the seeds may take much longer time than stated, some lying dormant for weeks or months before starting.
5 day
$a$
8 days
10 day
15 day
$20 \mathrm{e}^{\text {day }}$
$25 \underset{f}{\text { day }}$
30 days
50 days
Indefinite

|  | Day's | Page |  | Day ${ }^{\text {d }}$ | Page |  | Days | Page |  | Days | Page |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Abutilon | e | 63 | Cigar Plant. . | *) | 64 | Hibiscus . | * d | 68 | Painted Tongue....... | a | 74 |
| Acroclinium | d | 63 | Cineraria. | a | 6.4 | Hollyhocks | a | 67 | Pansies.............. | b | 70 |
| African Golden Daisy. | d | 66 | Clematis paniculata.. | d | 6.4 | Hon. Japanese. . | d | 67 | Passion Flower | $z$ | 68 |
| Agapanthus...... | e | 63 | Clematis, Tuberous... | *g | 71 | Horn of l'lenty. | d | 65 | Peas, Sweet. | d | 73 |
| Agathea amelloides | e | 66 | Cleome pungens... | e | 64 | Humble Plant. | b | 68 | Pelargoniums. | e | 68 |
| -tgeratum. | a | 63 | Climbing Lace Fern | g | 63 | Hunnemannia. | b | 66 | Pentstemon. | e | 68 |
| Alyssum... | a | -63 | Cobæa scandens. . | d | 6.4 | Hyacintl Bean, Jap- |  |  | Perennial Peas. | f | 67 |
| Ampelopsis | d | 63 | Coccinea hederilolia | e | 67 | anese | d | 65 | Petunias | e | 71 |
| - Inchusa... | e | 63 | Cockscomb... . | e | 64 | Ice Plant. | * | 67 | Pheasant-Eye l'ink. | a | 65 |
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| Antirrhinum. | e | 63 | Columbine. | d | 63 | Iris. | * $Z$ | 67 | Platy codon. | *g | 71 |
| - 1 quilegia | d | 63 | Commelina | c | 6.4 | 1 1vies. | * | 63-67 | Poppies. | e | 66-72 |
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| Ball of Fire | d | 67 | Cuphea. | * | 64 | Kenilworth Ivy | a | 67 | Ragged Robin. . . . | e | 67 |
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For the convenience of our customers, we have employed these signs to indicate the class to which belong the varieties opposite which they each appear on seed pages.
$\bigcirc$ Annuals. These grow, flower and die the first year from seed.
$\bigcirc$ Biennials. These grow from seed one year, bloom and die the next; if sown early, some varieties bloom the first year.
Greenhouse Plants. Start seeds inside, transplant outside when all danger of frost is over.
2 Perennials. Continue for several years, and bloom annually after the first season; some varieties, if sown early, bloom the first year.
Stove Plants. Grow inside all year. For pots only.
§ Climbing Plants. Climbers.
Flowers from Seeds. Any ordinary soil will grow beautiful flowers if you make it fine and mellow, and plant about the time the fruit trees are coming into bloom. Very fine seeds should be merely pressed in with the hand, therefore do not cover too deeply and do not plant when ground is wet and soggy.

Do not allow plants to stand too thickly; transplant if necessary. If crowded, they cannot grow or bloom satisfactorily.

Transplanting. Nearly all flowers are improved by transplanting except sweet peas, poppies, nasturtiums, etc., which are usually sown where they are to grow. By starting tender seeds in window-boxes, hotbeds or coldframes, and transplanting at proper time when ready, you escape danger from frost.

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