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## **THE ROSES FRAU KARL DRUSCHKI AND MME. ED- OUARD HERRIOT CARRY ON THE PROGENY PER- FORMANCE OF THEIR COMMON PARENT, MME CAROLINE TESTOUT<sup>1</sup>**

C. D. PARIS AND T. J. MANEY

In a previous paper it was shown that the rose Mme. Caroline Testout was a superior parent in rose breeding as judged by the large number of outstanding progeny which it had produced, either as sports or when Mme. Caroline Testout or its descendants were used as pollen or seed parents. A study of the progeny of Mme. Caroline Testout reveals the fact that two of its seedlings are also outstanding in plant characteristics and as producers of superior rose varieties. These roses are the Frau Karl Druschki, one of the most reliable and beautiful white roses listed as hybrid perpetual, and Mme. Edouard Herriot, a hybrid tea whose attractive flowers are described as coral-red shaded yellow and bright rosy scarlet.

Frau Karl Druschki originated from a cross of (Merveille de Lyon x Mme. Caroline Testout). Mme. Edouard Herriot is a cross of (Mme. Caroline Testout x a Pertiana variety or seedling).

Although Peter Lambert of Trier, Germany introduced Frau Karl Druschki in 1901, it is still considered by many as the best white rose in existence despite its lack of fragrance. Frau Karl Druschki has also been known by several other names as Snow Queen, Reine des Neiges and Schnee Konigin.

In 1913 when the great rose breeder Monsieur J. Pernet-Ducher introduced Mme. Edouard Herriot, he named it in honor of the wife of the mayor of Lyon. The rose made its namesake widely known long before her husband became premier of France. It was the winner of the grand prize offered by the London "Daily Mail". All efforts by the paper to change its name to "Daily Mail Rose" proved futile.

The tables included in this paper list the varieties which have been produced to 1941 inclusive by these parents, when they or their descendants were used in breeding in combination with other varieties. The number of good varieties which have been produced is impressive, when it is considered that Frau Karl Druschki was originated as recently as 1901 and Mme. Edouard Herriot in 1913. It is also of interest to note that Frau Karl Druschki produced by Lambert is only one generation removed from the work of Pernet, while Mme. Edouard Herriot is the direct production of that great rose breeder. In Tables I and III, the parent or parents, which are descendants of Frau Karl Druschki or Mme. Edouard Herriot, are indicated by the asterisk(\*).

<sup>1</sup> Journal Paper No. J-1274 of the Iowa Agricultural Experiment Station, Ames, Iowa. Project No. 556.

<sup>2</sup> Paris, C. D. and Maney, T. J., 1942. Mme. Caroline Testout. Iowa Acad. Science. XLIX, 249-252.

TABLE I. NAMED VARIETIES WHICH ARE DIRECT DESCENDANTS OF FRAU KARL DRUSCHKI.

Variety	Seed Parent	Pollen Parent
A. N. W. B. Rose	Frau Karl Druschki*	Souv. de Claudius Pernet
Abendrote	Frau Karl Druschki*	Juliet
Allen's Fragrant Pillar	Paul's Lemon Climber*	Souv. de Claudius Denoyal*
Amalie de Greiff	Herrin von Liesser*	Mme. Melanie Soupert
Amateur Michel Pouget	Frau Karl Druschki*	Mme. Caroline Testout
Andenken an Ferd. Hopf	Frau Karl Druschki*	Mme. Edouard Herriot
Andenken an Frau J. Hey	Freiburg II*	Hadley
Angel Guimera	Frau Karl Druschki seedling*	Eugene Barbier*
Angels Mateu	Magdalen de Nubiola*	Duquesa de Penaranda
Annie Burgess	Lyon Rose	Frau Karl Druschki*
Annie Drevet	Charles P. Kilham	K. of K. x Mari Dot*
Apeles Mestres	Frau Karl Druschki*	Souv. de Cladius Pernet
Aribau	K. of K.	Director Rubio*
Ariel	Mme. Edouard Herriot	Natalie Bottner*
Arrillaga	R. centifolia seedling	Mrs. John Laing x Frau Karl Druschki*
Berti Gimpel	Frau Karl Druschki*	Fisher Holmes
Bishop Dr. Korum	Frau Karl Druschki*	Laurent Carle
Bloomfield Discovery	Danae	Frau Karl Druschki* x Mme. Caroline Testout
Bloomfield Experiment	Frau Karl Druschki*	Frau Ida Munche*
Bloomfield Firebrand	Frau Karl Druschki*	Climbing Meteor
Bloomfield Flame	Louise Crette*	Mme. Charles Lutaud
Bloomfield Ivory	Frau Karl Druschki*	Frau Ida Munch*
Bloomfield Juliet	Frau Karl Druschki*	Juliet
Bloomfield Perpetual	Iceberg	Frau Karl Druschki*
Bloomfield Simplicity	Frau Karl Druschki*	Unknown
Bloomfield Superb	Frau Karl Druschki*	Climbing Meteor
Bloomfield Volcano	Louise Crette*	The Queen Alexandra Rose
Campina	Comtes Vandal	Mme. Louis Lens
Carito MacMahon	Mrs. Pierre S. duPont	Cayetana Stuart*
Catalonia	Shot Silk x Mari Dot*	Jean C. N. Forestier
Cayetara Stuart	Isabel Llorach*	Constance x Sunburst
Christoble	Frau Karl Druschki*	Mme. Butterfly
Christoph Weigand	Frau Karl Druschki* x H. Schultheis	Souv. de Claudius Pernet
Cilly Michel	Mme. Melanie Soupert	Felberg's Rosa Druschki*
Commander Jules Gravereaux	Frau Karl Druschki*	Liberty
Comtesse Melanie Pourtales	Frau Karl Druschki*	Mme. Ravary
Coquelicot Dot	K. of K.	Mari Dot*
Cynthia	Frau Karl Druschki*	Paul Lede

Variety	Seed Parent	Pollen Parent
Deutsche Hoffnung	Mme. Caroline Testout	Grossherzogin Feodora von Sachsen*
Deutschland	Frau Karl Druschki*	Soleil d'Or
Director Rubio	O. Junyent*	Jean C. N. Forestier
Docteur Domingos Pereira	Frau Karl Druschki*	Mrs. George Shawyer Seedling
Dolores	Lyon Rose	Frau Karl Druschki*
Dr. A. von Erlach	Prince de Bulgarie	Mrs. S. K. Rindge*
Dr. J. H. Nicolas	Charles P. Kilham	Georg Arend*
Druschki Rubra	Frau Karl Druschki*	Luise Lilia
Eclipse	Joanna Hill	Federico Casas*
Edel	Frau Karl Druschki*	Niphetoc
Edelweiss	Frau Karl Druschki*	Unknown
Edgard Blanchard	Frau Karl Druschki*	Unknown
Editor McFarland	Pharisaer	Lallita*
Elisabeth	Frau Karl Druschki*	Unknown
Francesch Matheu	Luis de Brinas*	Catalonia
F. Ferrer	Souv. de Claudius Denoyel	K. of K.
Elizabeth Arden	Edith	Mrs. Herbert Stevens*
Emden	Frau Karl Druschki*	Veluwezomm
Erik Hjelm	Lieutenant Chaure	Sachsengruss*
Eugene Barbier	Frau Karl Druschki*	Rayon d'Or
Eulalia Regordosa	Frau Karl Druschki*	Souv. de Claudius Pernet
Everest	Candeur Lyonnaise*	Mme. Caristie Martel
Excellenz M. Schmidt Metzler	Frau Karl Druschki*	Frederich Harms
Excellenz von Schubert	Mme. Norbert Levavasseur	Frau Karl Druschki*
Federico Casas	Unnamed Variety	Eugene Barbier*
Felberg's Rosa Druschki	Frau Karl Druschki*	Farbenkonigin
Feliz Brix	Natalie Böttner*	Old Gold
Frau Dr. Erreth	Gruss an Aachen*	Mrs. Aaron Ward
Frau Ida Munché	Frau Karl Druschki*	Billard-et-Barre
Freiberg II	Dr. G. Kruger	Frau Karl Druschki*
Friedensrose	Frau Karl Druschki*	Unknown
Gartendirektor O. Schulze	Frau Karl Druschki*	Farbenkonigin
Gava	Souv. de Claudius Denoyel*	Souv. de Claudius Pernet
Generale Marie Rajevsky	Frau Karl Druschki*	Fisher Holmes
Generaloberst von Hindenburg	Frau Karl Druschki*	Laurent Carle
Georg Arends	La France	Frau Karl Druschki*
Gisele Alday	Mrs. Pierre S. DuPont	Lallita*
Glorified La France	Frau Karl Druschki*	Mrs. Charles Russell
Glory of Steinfurth	Frau Karl Druschki*	General MacArthur
Golden City	Rayon d'Or	Frau Karl Druschki*
Golden Queen	Seedling of Frau Karl Druschki*	Seedling of Frau Karl Druschki*
Goldene Druschki	Frau Karl Druschki*	Friedrich Harms
Grossherzogin Feodora von Sachsen	Kaiserin Auguste Viktoria	Frau Karl Druschki*
Grossherzogin von Weimar	Frau Karl Druschki*	Kaiserin Auguste Viktoria
Gruppenkonigin	Gruss an Aachen*	Mme. Edouard Herriot
Gruss an Aachen	Frau Karl Druschki*	Franz Deegan

Variety	Seed Parent	Pollen Parent
Gruss an Weimar	Frau Karl Druschki*	Lyon Rose
Guinee	Souv. de Claudius Denoyel*	Ami Guinard
Heine	Trier	Frau Karl Druschki*
Heinrich Munch	Frau Karl Druschki*	Mme. Caroline Testout x Mrs. W. J. Grant
Henri Coupe	Frau Karl Druschki*	Gruss an Teplitz
Hermann Robinow	Frau Karl Druschki*	Lyon Rose
Herrin von Lieser	Frau Karl Druschki*	Georges Schwartz
Herzog Johann Albrecht	Frau Karl Druschki*	Soleil d'Or
Herzogin von Calabrien	Frau Karl Druschks* x Hoffgartendirektor Graebner	Herrin von Lieser*
Hildenbranseck	<i>R. rugosa</i> <i>atropurpurea</i>	Frau Karl Druschki*
Holden Hall	<i>R. wichuraiana</i>	Frau Karl Druschki*
Ignasi Iglesias (Ignacio Iglesias)	Angel Guimera*	Souv. de Claudius Pernet x Madame Butterfly
Insulinde	Mr. Joh. M. Jolles*	Melody
Isabel Llorach	Frau Karl Druschki*	Benedicte Seguin
Jac Kneppers	Frau Karl Druschki*	Unknown
Jacques Latouche	Souv. de Claudius Pernet	Director Rubio*
Joan Ross	Frau Karl Druschki*	Paul Neyron
Joaquin Mir	Mrs. Pierre S. duPont	Senora Gari*
Jubilee	Paul's Lemon Pillar*	Aspirant
June Morn	Mme. Gregoire Staechelina*	Climbing Souv. de Claudius Pernet
Junior Van Fleet	Dr. W. Van Fleet	Frau Karl Druschki*
Kardinal Schulte	Jonkheer J. L. Mock	Radiance x Commandeur Jules Gravereaux*
Karl Forster	Frau Karl Druschki*	<i>R. spinosissima</i> <i>altaica simplex</i>
Konigin Luise	Frau Karl Druschki*	Sunburst
Konigin Maria Therese	Frau Karl Druschki*	Louise Lilia
Kraljica Marija	Frau Karl Druschki*	Golden Ophelia
La Giralda	Frau Karl Druschki*	Mme. Edouard Herriot
Lady Bowater	Frau Karl Druschki*	Pharisaer
Lady Trent	Rosierste Gaston Leveque	Federico Casas*
Lallita	President Briand*	Unknown
Lemon Queen	Frau Karl Druschki*	Mme. Ravary
Leonie Lambert	Frau Karl Druschki*	Prince de Bulgarie
Lolita	Frau Karl Druschki*	an unnamed Pernetiana
Louis Bougoin	Jonkheer J. L. Mock	Frau Karl Druschki*
Louisa Schultheis	Golden Ophelia	Ruhm von Steinfurth*
Louise Crette	Frau Karl Druschki*	Climbing Kaiserin Auguste Viktoria
Louise Criner	Unknown seedling	Louise Crette*
Lucy Thomas	Ulrich Brunner	Georg Arends*
Ludwig Moller	Frau Karl Druschki*	Unnamed Seedling
Luis de Brinas	Mme. Butterfly	Federico Casas*
Magdalena de Nubiola	Li Bures	Mari Dot*

Variety	Seed Parent	Pollen Parent
Majorica	Aribau*	Angels Mateu*
Marceline	Frau Karl Druschki*	Yves Druhen
Marcia Stanhope	Frau Karl Druschki*	Unknown
Margarete Gnau	Mrs. Charles Lamplough*	Souv. de H. A. Verschuren
Marguerite Carels	Frau Karl Druschki*	General MacArthur
Margeurite Heitzmann	Frau Karl Druschki*	Mme. Edouard Herriot
Mari Dot	O. Junyent*	Jean C. N. Forestier
Mark Sullivan	Luis Brinas*	Brazier
M. B.	Dr. W. Van Fleet hybrid	Frau Karl Druschki hybrid*
Mercedes Gallart	Souv. de Claudius Denoyel*	Souv. de Claudius Pernet
Mercedes Juncadella	Frau Karl Druschki*	Angele Perent
Miss America	Joanna Hill	S. M. Gustave V*
Mlle. Bep van Rossem	Frau Karl Druschki*	Souv. de Claudius Pernet
Mlle. Louise Gringer	Louise Crette*	Unknown
Mme. Albert Barbier	Frau Karl Druschki*	Unknown
Mme. Arthaud	Charles P. Kilham	K. of K. x Mari Dot*
Mme. C. Chambard	Frau Karl Druschki*	Lady Ashtown
Mme. Emile Daloz	Frau Karl Druschki*	Souv. de Georges Perent
Mme. Gregoire Staechelín	Frau Karl Druschki*	Mme. Caroline Testout
Mme. Louis Lens	Mrs. Herbert Stevens*	Kaiserin Auguste Viktoria
Mme. Louise Tremeau	Frau Karl Druschki* x Mme. Edouard Herriot	Mrs. Edward Powell x <i>R. foetida bicolor</i>
Mme. Malpass	Frau Karl Druschki*	Marie Isakoff
Mme. Marie Eberlin	Comtesse Melanie, Pourtales*	Captain Christy
Mme. Roger Douine	Souv. de Claudius Denoyel*	Mme. Edouard Herriot
Mr. Joh. M. Jolles	Frau Karl Druschki*	Mrs. Joseph Hill
Mrs. Andrew Carnegie	Niphetos	Frau Karl Druschki*
Mrs. Charles Lamplough	Frau Karl Druschki*	Unknown
Mrs. David M'Kee	Frau Karl Druschki*	Kaiserin Auguste Viktoria
Mrs. H. M. Eddie	Mrs. Charles Lamplough*	Mevrouw G. A. Van Rossem
Mrs. Herbert Stevens	Frau Karl Druschki*	Nephetos
Mrs. Paul J. Howard	Paul's Lemon Pillar*	Unnamed seedling
Mrs. Rosalie Wrinch	Frau Karl Druschki*	Hugh Dickson
Mrs. S. K. Rindge	Rayon d'Or	Frau Karl Druschki*
Mrs. Tom Whitehead	Mrs. Charles Lamplough*	Unnamed seedling
Naarden	Frau Karl Druschki*	Lyon Rose
Natalie Bottner	Frau Karl Druschki*	Goldelse
Nevada	La Giralda*	<i>R. moyesi</i>
Nuntius Pacelli	Mrs. David M'Kee*	British Queen
O. Junyent	Frau Karl Druschki*	Mme. Edouard Herriot
Oberburgermeister Heimerich	Frau Karl Druschki*	Souv. de Claudius Pernet
Opal	S. M. Gustave V*	Mrs. Pierre S. duPont

Variety	Seed Parent	Pollen Parent
Opaline	Louise Catherine Breslau	Frau Karl Druschki*
Oswald Sieper	Mrs. Charles Lamplough*	Ville de Paris
Panama	Frau Karl Druschki*	Unnamed Pink Seedling
Pardinas Bonet	La Giralda*	Souv. de Claudius Pernet
Paula Meidinger	Frau Karl Druschki*	Clare Watson
Paul's Lemon Pillar	Frau Karl Druschki*	Marechal Niel
Pearl of Baltimore	Ophelia	Glorified La France*
Pedralbes	Frau Karl Druschki*	Souv. de Mme. Boulet
Pittsburgh	<i>R. gigantea seedling</i>	Frau Karl Druschki* x Mrs. John Laing
President Briand	Frau Karl Druschki*	Unnamed Austrian Copper seedling
President F. A. des Tombes	Golden Emblem	Mr. Joh. M. Jolles*
Princesse de Bearn- Deutschland	Frau Karl Druschki*	Soleil d'Or
Prinz Max zu Schaumburg	Frau Karl Druschki*	Lyon Rose
Prinzessin Hildegard	Frau Karl Druschki*	Friederich Harms
Priscilla	Kaiserin Auguste Viktoria	Frau Karl Druschki*
Ramon Bach	Luis de Brinas*	Condesa de Sastago
Reichspräsident von Hindenburg	Frau Karl Druschki*	Graf Silva Tarouca
Reinhard Badecker	Frau Karl Druschki*	Rayon d'Or
Rembrandt	Frau Karl Druschki*	Lyon Rose
Reveil	Mr. Joh. M. Jolles*	Mrs. Wemyss Quin
Richard Elbel	Frau Karl Druschki*	Lyon Rose
Robert Setten	Frau Karl Druschki*	Corallina
Rosargartner Vogel	Frau Karl Druschki*	Mme. Abel Chatenay
Rosy Morn	Frau Karl Druschki*	Unknown
Rudolf Alexander Schroder	Mrs. Herbert Stevens	Pius XI
Ruhm von Steinfurth	Frau Karl Druschki*	Ulrich Brunner
S. & M. Perriere	Magdalena de Nubiola*	President Cherioux
S. M. Gustave V	Frau Karl Druschki*	Avoca
Sachsengruss	Frau Karl Druschki*	Mme. Jules Graerveaux
Schloss Seusslitz	Frau Karl Druschki*	Harison's Yellow
Schon Ingeborg	Frau Karl Druschki*	Natalie Bottner*
Senora Gari	Mari Dot*	Constance
Silvia Leyva	Mrs. C. W. Edwards	Mari Dot*
Snowbird	Chastity	Louise Crette*
Soliel d'Orient	Frau Karl Druschki*	Mme. Edouard Herriot
Souv. de Charles Laemmel	Frau Karl Druschki*	Soleil d'Or
Souv. de Claudius Denoyel	Chateau de Clos Vaugeot	Commander Jules Gravereaux*
Souv. de Euclides da Cunha	Lady Alice	Frau Karl Druschki*
Souv. de Fausto Cardoso	Mrs. W. J. Grant	Frau Karl Druschki*
Souv. de Mme. Augustine Gillot	Frau Karl Druschki*	Lyon Rose
Souv. de Mme. H. Thuret	Frau Karl Druschki*	Lyon Rose

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Variety	Seed Parent	Pollen Parent
Souv. de Mme. Salati-Mongellaz	Frau Karl Druschki*	Unnamed Seedling
St. Ingebert	Frau Karl Druschki*	Mme. Melanie Soupert
Studienrat Schlenz	Mrs. Aaron Ward	Frau Karl Druschki*
Sunday Best	Frau Karl Druschki*	Unnamed Seedling
Suntan	Nanjemoy x Mme. Gregoire Staeche- lin* Bloomfield Comet	Mrs. Pierre S. DuPont
Symphony	Frau Karl Druschki*	Souv. de Claudius Pernet
Turnvater John	Frau Karl Druschki*	General MacArthur
Victor Teschendorff	Frau Karl Druschki*	Mrs. Aaron Ward
Ville d'Angers	Suv. de Georges Pernet	Souv. de Claudius Denoyel*
Ville de Nancy	Souv. de Claudius Pernet	Federico Casas*
Viuda Verdaguer	Shot Silk	Mari Dot*
Von Hardenberg	Frau Karl Druschki*	Frau Karl Druschki* x Gottfried Keller
Von Hotzendorf	Frau Karl Druschki*	Beaute de Lyon
Von Scharnhorst	Frau Karl Druschki*	Gottfried Keller
Walkure	Frau Karl Druschki*	Mme. Jenny Gillemot
Windenfels	Frau Karl Druschki seedling*	Unknown
Yellow Beder	Mr. Joh. M. Jolles*	Mme. Edouard Herriot
Yosemite	Frau Karl Druschki*	Unknown

TABLE II. NAMED ROSE SPORTS WHICH ARE  
DESCENDANTS OF FRAU KARL DRUSCHKI

Variety	Parent
Chot pestitele	Frau Karl Druschki
Climbing Commadeur Jules Gravereaux	Commandeur Jules Gravereaux
Climbing Federico Casas	Federico Casas
Climbing Frau Karl Druschki	Frau Karl Druschki
Climbing Gruss an Aachen	Gruss an Aachen
Climbing Mme. Louis Lens	Mme. Louis Lens
Climbing Mrs. Herbert Stevens	Mrs. Herbert Stevens
Comet	Gruss an Aachen
Jean Muraour	Gruss an Aachen
Marguerite Guillard	Frau Karl Druschki
Minna	Gruss an Aachen
Pink Gruss an Aachen	Gruss an Aachen
Rosa Gruss an Aachen	Gruss an Aachen
Troja	Mrs. Herbert Stevens

TABLE III. NAMED VARIETIES WHICH ARE DIRECT DE-  
SCENDANTS OF MME. EDOUARD HERRIOT

Variety	Seed Parent	Pollen Parent
Abricot	Mrs. Aaron Ward	Jean C. N. Forestier*
Adrienne Martin	Recuerdo de Angel Peluffo*	The Queen Alexandra Rose
Albert Maumene	Mme. Edouard Herriott*	<i>R. hugonis</i>
Alezane	Angele Pernet	Comtesse de Castilleja*
Alfred Petot	Jeanne Excoffier*	Yves Druhen
Amie Brandt	Mrs. Pierre S. duPont	Colette Clement*



Variety	Seed Parent	Pollen Parent
Andenken an Ferd. Hopf	Frau Karl Druschki	Mme. Edouard President Herbert
Angelita Ruaix	Duquesa de Penaranda*	Herriot* Hoover
Angels Mateu	Magdalena de Nubiola*	Duquesa de Penaranda*
Annie Drevet	Charles P. Kilham	K. of K. x Mari Dot*
Antonia Rolleri de Peluffo	General MacArthur	Mme. Edouard Herriot*
Aphrodite	Hortulanus Budde*	Toison d'Or
Aribau	K. of K.	Director Rubio*
Ariel	Mme. Edourd Herriot*	Natalie Bottner
Bertram Park	Eblouissant	Mme. Edouard Herriot*
Bloomfield Beverly	Mary, Countess of Ilchester	Mme. Edouard Herriot*
Bloomfield Dainty	Danae	Mme. Edouard Herriot*
Bloomfield Lustre	Hortulanus Budde*	Souv. de Mme. Leonie Vienno*
Bloomfield Ruby	Hortulanus Budde*	Souv. de Leonie Viennot
Bright Wings	Mme. Arthaud	Annie Drevet*
Buisson d'Or	Mme. Edouard Herriot*	Harison's Yellow
Camellia	<i>R. multiflora</i> x <i>R. canina</i>	Hortulanus Budde*
Cecile Ratinckx	Louise Catherine Breslau	Mme. Edouard Herriot*
Cecile Walter	Mme. Melanie Soupert x Mme. Edouard Herriot*	Unnamed Seedling
Charming	Seedling of Alexander Hill Gray	Mme. Edouard Herriot*
Christopher Stone	Etoile de Hollande	Hortulanus Budde*
Cidade de Lisboa	Belle Portugaise	Mme. Edouard Herriot*
Colette Clement	Mme. Melanie Soupert x Mme. Edouard Herriot	Mrs. Edward Powell x Capucine bicolore
Comtesse de Castilleja	Mme. Edouard Herriot*	Juliet x Unnamed Seedling
Coquelicot Dot	K. of K.	Mari Dot*
Delie Communaudat	Mme. Charles Destraux	Mme. Edouard Herriot*
Director Rubio	O. Junyent	Jean C. N. Forestier*
Dr. E. Deacon	Mme. Edouard Herriot*	Gladys Holland
Dr. Mendes Correia	Frau Margarete Oppenheim*	Hortulanus. Budde*
Dr. Rafael Duque	Frau Margarete Oppenheim*	Hortulanus Budde*
Duquesa de Penaranda	Souv de Claudius Pernet	Rosella*
Eldorado	Unnamed seedling	Mme. Edouard Herriot*
Eng. Duarte Pacheco Esme	Hadley Mme. Edouard Herriott*	Presidente Carmona* Unnamed Seedling

Variety	Seed Parent	Pollen Parent
Fancy	Souv. de Claudius Pernet	General Smuts*
Federation	<i>R. setigera</i> x Mrs. F. F. Prentiss	Director Rubio*
Felix Laporte	Yves Druhen	Mme. Edouard Herriot*
Feu d'Artifice	Unnamed Austrian Copper	Colette Clement*
Flammenrose	Mrs. Joseph Hill	Mme. Edouard Herriot*
Flash	Rosella*	Margaret McGredy
Forst	Essence	Fritz Schrodter*
Francesco La Scola	Hortulanus Budde*	Cuba
Francois Laplanche	Mme. Charles Destraux	Mme. Edouard Herriot*
Francoise Blondeau	Charles P. Kilham	Colette Clement*
Frau Fritz Pelzer	Mme. Edouard Herriot*	Edward Mawley
Frau Margarete Oppenheim	Hortulanus Budde*	Souv. de Claudius Pernet
Fritz Schrodter	Hortulanus Budde	Unknocwn
General Smuts	General MacArthur	Mme. Edouard Herriot*
Gruppenkonigin	Grus an Aachen	Mme. Edouard Herriot*
Gruss an Naumburg	Mme. Maurice de Luze	Mme. Edouard Herriot*
Harmony	Rosella*	Rosella*
Helene Francois	Mme. Edouard Herriot*	Viscountess Enfield
Henry Ford	Mme. Edouard Herriot*	Golden Emblem
Hortulanus Budde	General MacArthur	Mme. Edouard Herriot*
Independence Day	Mme. Edouard Herriot*	Souv. de Gustave Prat
Jack Hobbs	Independence Day*	General Jacqueminot
Jacques Latouche	Souv. de Claudius Pernet	Director Rubio*
Jean C. N. Forestier	Unnamed Variety	Mme. Edouard Herriot*
Jeanne Excoffier	Mme. Phillippe Rivoire	Mme. Edouard Herriot*
Jeanne Saultier	Louise Catherine Breslau	Mme. Edouard Herriot*
Joquin Mir	Mrs. Pierre S. Du Pont	Senora Gari*
Jules Gaujard	Jean C. N. Forestier	Unnamed seedling
Jules Tarbart	Unnamed seedling	Mme. Edouard Herriot*
Kardinal Piffil	Mme. Edouard Her- riot* x Rayon d'Or	Mme. Charles Lutaud
Lar giralda	Frau Karl Druschki	Mme. Edouard Herriot*
La Parisienne	Lucy Nicolas*	Charles P. Kilham
Lady Trent	Rosieriste Gaston Leveque*	Frerico Casas
Louise Joly	Unnamed seedling	Mme. Edouard Herriot*

Variety	Seed Parent	Pollen Parent
Lucia Zuloaga	Duquesa de Penaranda*	F. Cambo
Lucy Nicolas	Odetta Foussier	Cecile Walter*
Magdalena de Nubiola	Li Bures	Mari Dot*
Majorica	Aribu*	Angels Mateu*
Mama Lamesch	Frau von Groote	Mme. Edouard Herriot*
Margarita Riera	Mme. Ravary	Mme. Edouard Herriot*
Marguerite Heitzmann	Frau Karl Druschki	Mme. Edouard Herriot*
Marguerite Moulin	Mme. Edouard Herriot* seedling	Mrs. Aaron Ward x Mme. Caroline Testout
Mari Dot	O. Junyent	Jean C. N. Forestier*
Marie Lavier	Souv. de Claudius Pernet	Mme. Edouard Herriot*
Mlle. de Morlaincourt	Cecile Walter*	Korovo
Mme. Albert Gilles	Unnamed Variety	Jean C. N. Forestier*
Mme. Arthaud	Charles P. Kilham	K. of K. x Mari Dot*
Mme. Charles Mallerin	Lucy Nicolas*	Brasier
Mme. Cochet Cochet	Mrs. iPerre S. du Pont	Cecile Walter*
Mme. Emile Daloz	Frau Karl Druschki	Souv. de Georges Pernet
Mme. Georges Petit	General MacArthur	Mme. Edouard Herriot*
Mme. Gustave Soupert	Augustus Hartmann	Souv. de Georges Pernet*
Mme. Henri Grimm	Mme. Charles Destraux	Mme. Edouard Herriot*
Mme. Henri Lustre	Mme. Edouard Herriot*	Yves Druhen
Mme. Leon Guinotte	Mme. Edouard Herriott*	Old Gold
Mme. Louise Tremeau	Frau Karl Druschki x Mme. Edouard Herriot*	Mrs. Edward Powell <i>R. foetida bicolor</i>
Mme. Nicolas Boudler	Souv. de Georges Pernet*	Gloire de Dijon
Mme. Roger Douine	Souv. de Claudius Denoyel	Mme. Edouard Herriot*
Mme. Steinbach	Mrs. Pierre S. duPont	Cecile Walter*
Mme. Victor Bozzola	Kardinal Piffi*	Mme. Edouard Herriot*
Monsignor Lemmens	Hadley	Frau Fritz Pelzer*
Mrs. Francis King	Lady Lilford*	Leonard Barron
Nevada	La Giralda*	<i>R. moyesi</i>
Nona	Mme. Edouard Herriot*	Constance
Pardinas Bonet	La Giralda*	Souv de Claudius Pernet
Paul Bouclainville	Mme. Charles Destraux	Mme. Edouard Herriot*
Paul Buatois	Marie Baumann	Mme. Edouard Herriot*
Paz Vila	Govita Perez	Jean C. N. Forestier*
Petrine	Old Gold	Mme. Edouard Herriot*

Variety	Seed Parent	Pollen Parent
Pilarin Vilella	Mrs. Pierre S. duPont	Lucia Zuloaga*
Presidente Carmona	Hortulanus Budde*	Chateau de Clos Vougeot
Princesse Amedee de Broglie	Charles P. Kilham	Colette Clement*
Prof. Bento Carqueja Queen Louise Boren	Ophelia Emile Charles* x La France	Mme. Edouard Herriot Marechal Niel
Recuerdo de Angel Peluffo	Mme. Edouard Herriot*	Duches of Wellington
Reine Elisabeth	Orleans Rose	Mme. Edouard Herriot*
Reverie	Mme. Melaine Soupert	Jean C. N. Forestier*
Rochelle Hudson	Isobel	Mme. Edouard Herriot*
Rosella	Mme. Edouard Herriot*	Louise Catherine Breslau
Rosieriste Gaston Leveque	Mme. Butterfly	Jean C. N. Forestier*
Rustica	Mme. Edouard Herriot*	Harison's Yellow
S. & M. Perriere	Magdalena de Nubiola*	President Cherioux
Secretaire Belpaire	Angele Pernet	Mme. Edouard Herriot*
Senora Gari Silvia Leyva Soleil d'Orient	Constance Mrs. C. W. Edwards Frau Karl Druschki	Mari Dot* Mari Dot* Mme. Edouard Herriot*
Solliden	Mme. Melanie Soupert x George C. Waud	Mme. Edouard Herriot*
Sonia	<i>R. multiflora</i> x <i>R. canina</i>	Hortulanus Budde*
Souv d'Emile Clere Buatois	Mme. Edouard Herriot*	Souv. de Claudius Pernet
Souv. de Catharine Fontaine	Souv. de Jean Soupert	Mme. Edouard Herriot*
Souv. de Georges Pernet	Unnamed variety	Mme. Edouard Herriot*
Souv. de Gustave Schickele	Mme. Edouard Herriot*	Duchess of Wellington
Souv. du Reverend Pere Planque	Unnamed Seedling	Souv. de Georges Pernet*
Sun God	Unnamed Seedling	Mme. Edouard Herriot*
Sunrise Vanguard	Pilarin Vilella* <i>R. wichuraiana</i> x <i>R. rugosa alba</i>	Rosa Gallart Eldorado*
Vesta	Mme. Edouard Herriot*	Unknown
Ville d'Angers	Souv. de Georges Pernet*	Souv. de Claudius Denoyel
Virginia Viuda Verdaguer Westfield Beauty	Magnafrano Shot Silk Lady Pirrie	Eldorado* Mari Dot* Mme. Edouard Herriot*
Westfield Flame	Mme. Edouard Herriot*	Diadem

Variety	Seed Parent	Pollen Parent
Yellow Bedder	Mr. Joh. M. Jolles	Mme. Edouard Herriot*
Yvette	Mrs. T. Hillas	Mme. Edouard Herriot*
Yvonne d'Huart	Mme. Melanie Soupert	Mme. Edouard Herriot*
Yvonne Plassat	Mme. Edouard Herriot*	Mrs. Aaron Ward Emma Wright

TABLE IV. NAMED ROSE SPORTS WHICH ARE DESCENDANTS OF MME. EDOUARD HERRIOT

Variety	Parent
A Night in June	Evening Star
Cambrai	Mme. Edouard Herriot
Climbing Duquesa Penarande	Duquesa de Penaranda
Climbing Independence Day	Independence Day
Climbing Mme. Edouard Herriot	Mme. Edouard Herriot
Climbing Souv. de Georges Pernet	Souv. de Georges Pernet
Countess of Elgin	Mme. Edouard Herriot
Daisy	Mme. Edouard Herriot
Das Goldene Prag	Kardinal Piffli
E. P. H. Kingma	Mme. Edouard Herriot
Elizabeth Zeigler	Dorothy Perkins
Evening Star	Mme. Edouard Herriot
Evening News	Mme. Edouard Herriot
Flaming Zep	Mme. Edouard Herriot
Florence Chenoweth	Mme. Edouard Herriot
Geisha	Mme. Edouard Herriot
Georges Clenmenceau	Mme. Edouard Herriot
Golden Day	Independence Day
Golden Glow	Mme. Edouard Herriot
Golden Mainz	Mme. Edouard Herriot
Lady Elphinstone	Mme. Edouard Herriot
May Marriot	Mme. Edouard Herriot
Mesman's Glory	Mme. Edouard Herriot
Midas	Mme. Edouard Herriot
Mme. Eugene Picard	Ariel
Mme. Herriot Panachee	Mme. Edouard Herriot
Morgenster	Mme. Edouard Herriot
Princesse Marie Jose	Mme. Edouard Herriot
Professor Schmeil	Mme. Edouard Herriot
Schleswig Holstein	Mme. Edouard Herriot
Souv. de John E. Knight	Mme. Edouard Herriot

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