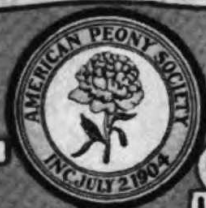


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A New Seedling Peony by Dr. F. G. Brethour
Toronto, Canada

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W. F. CHRISTMAN, *Editor*

Northbrook, Ill.

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AMERICAN Peony Society Bulletin



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Report on the Urbana Trial Garden

By PROF. F. F. WEINARD

University of Illinois, Urbana, Ill.

SOMETHING over a thousand single and Japanese peonies have been named. Many have disappeared from cultivation, but the large number of comparatively recent introductions is evidence of continued or increasing interest in these types. The Trial Garden was established as a means of obtaining uniform descriptions of the varieties and to straighten out mixups in naming and classification which may have occurred.

At the present time there are in the Garden over 400 varieties of *P. albiflora*, about 20 of other species, and 40 seedlings. In the list below these varieties are starred. The figure following the name in such cases indicates the number of sources from which plants were received.

The work of comparing and describing these varieties is being carried on as rapidly as possible. It is hoped that all members of the Society will cooperate for the early completion of the task by writing the Secretary in regard to corrections or additions to this list. Any contributions of plants to make the collection more authentic or complete will also be appreciated.

VARIETIES IN TRIAL GARDEN

SINGLES

<i>P. albiflora</i>	Anzac (Kelway, 1926)
Abrupolis	*Apple Blossom (Berneche) 2
Acephali	*Areos 2
Adam Bede (Kelway)	Argus
Alletta (Runyan, 1928)	Athelney (Kelway)
Amiable	Aurora (Pleas)
Amitie (Kelway, 1926)	Austin Chamberlain (Kelway, 1905)
A. M. Kelway	Australia (Kelway)

166638

- Autumnus (Kelway, before 1891)
 Aviateur Raymond
 *Awadji (Millet, 1905) 1
 Baby Kelway (Kelway)
 Bailey (Kelway)
 *Balliol (Kelway) 1
 Baltonsburgh (Kelway)
 *Baron J. Hulot (Millet, 1919) 1
 *Baron Rozen 1
 Beatrice
 Beauty
 Bethcar (Kelway, 1926)
 Bishop of Salisbury
 Bishop's Huish (Kelway)
 *Black Beauty (Berneche, 1924) 1
 Black Magic (Auten, 1929)
 *Black Prince (Thurlow, 1915) 2
 Bloodstone (Kelway, 1926)
 Brightness (Kelway)
 British Empire (Kelway)
 *Brilliant (Gumm) 1
 Bunker Hill
 Butleigh (Kelway)
 *Camille (Dessert, 1908) 2
 *Capt. Alcock (Kelway) 1
 Carmen Sylva (Kelway)
 *Carnea 1
 *Carnot (Dessert, 1913) 4
 *Caroline (Pleas) 2
 *Catherine Parry (Hendrickson, 1925) 2
 *Catherine S. Fox (Berneche, 1920) 2
 *Celeste Brochet (Brochet) 1
 *Celestial (Dessert) 2
 *Cendrillon (Dessert, 1913) 4
 Chalice (Kelway)
 Charity (Hollis, 1910)
 *Clairette (Dessert, 1905) 6
 Clara MacQueen (Kelway)
 Cleopatra
 Clercke (Kelway)
 Climax (Kelway)
 *Clio (Peterson, 1906) 2
 Clothos (Kelway)
 Colonel Boles (Kelway)
 *Colonel Poe (Kelway) 1
 *Columbus (Gumm) 1
 Comus
 *Corinne (Auten, 1926) 1
 Cosmos
 Cottage Maid (Pleas)
 Countess of Altamont (Kelway)
 Countess of Warwick (Kelway)
 Countess S. Pule (Kelway)
 Daimio (Millet, 1926)
 Darius (Barr)
 *Darkness (Brand, 1913) 2
 *Deborah Sayles (Shaylor, 1916) 2
 *Defiance (Terry, 1903) 1
 De Jussieu (Guerin, 1850)
 *Demetrius (Replegle) 1
 Departing Sun (Wilkus)
 D. H. Hughes (origin unknown)
 *Dorothy (Kelway, 1898) 1
 *Dorothy Allison (Shaylor, 1918) 2
 *Dragon's Head 2
 *Dreadnought (Barr) 1
 *Duchess of Bedford (Kelway) 1
 Duchess of Leeds (Kelway)
 Duchess of Portland (Barr)
 Duchess of Sutherland (Kelway, before 1898)
 Duke of Atholl (Kelway)
 Eastern Brocade (Kelway)
 Eau Claire (Dana, 1926)
 Eclat
 *Edith West (Brand, 1920) 2
 *Eglantine (Dessert, 1913) 6
 Elmer J. Wright (Auten, 1929)
 *Emily (Kelway) 3
 Emy (Berneche, 1924)
 *Enchantress (Kelway) 2
 English Elegance (Kelway, 1926)
 Epictetus
 Ernest Jardine
 *E. St. Hill (Kelway, 1916) 2
 *Etienne Dessert (Dessert, 1913) 2
 *Exquisite (Kelway, 1912) 5
 Fairy
 *Faust (Berneche) 1
 *Favorite (Berneche, 1920) 1
 *Festiva Fragrans 1
 *Fine Lady (Kelway, 1909) 1
 Flag of Truce (Kelway, 1900)
 Flag of War (Kelway, 1900)
 Flamingo (Andrews, 1925)
 Flora MacDonald (Kelway)
 *Florestine (Berneche, 1924) 1
 Formosa
 Francis
 Frank Bramley (Kelway)
 Frank Bramwell (Kelway)
 Full Moon (Kelway)
 *Fusuyama 4
 General Botha (Kelway)
 General Wolfe (Kelway)
 Genevieve (Lemoine, 1924)
 *George Alexander (Kelway, 1909) 1
 *Ginko-nishiki 5
 *Ginpukurin 1
 *Gloria 1
 Glory of the Garden (Toedt, 1929)
 Golden Yellow (Hollis, 1910)
 *Goliath 1
 Grandiflora
 Grandiflora lutescens
 *Hana-gesho 2
 Harlequin (Kelway)
 *Harriet Olney (Brand, 1920) 3

- Hart P. Danks (Germann)
 Heart's Desire (Kelway)
 *Helen (Thurlow, 1922) 1
 Helen Leavenworth (Kelway)
 Her Grace (Kelway)
 *Hermes (Kelway) 3
 *Hesperus (Kelway) 3
 Hogarth (Goos & Koenemann, 1912)
 Holbein (Goos & Koenemann, 1910)
 Hon. Alfred Deakin (Kelway)
 Hunt Cup (Kelway)
 Ida Pleas (Pleas)
 Iphis (Kelway)
 *Iten-shikai 3
 James (Hollis, 1910)
 Japanese Fairy (Secor, 1924)
 *Jappensha-ikku (Millet, 1924) 2
 Jeanne Ernould (Doriat, 1926)
 Jessie Kelley (Terry)
 Jimmy Franklin (Franklin, 1928)
 Josephine
 Josephine Kelway (Kelway)
 June Welcome (Dana, 1926)
 *Jupiter (Kelway, before 1897) 1
 Kaiser
 Kaiserin
 Kamata
 *Kamma 1
 *Kara-ori-nishiki 1
 Katherine Engle (Engle, 1926)
 *Katori-nahiko (Millet, 1924) 2
 Kelway's Diana (Kelway)
 Kelway's Eve (Kelway)
 Kelway's Gorgeous (Kelway)
 Kelway's Humorist (Kelway)
 *Kelway's Luck (Kelway) 1
 Kelway's Lovely Lady (Kelway, 1926)
 Kelway's Peerless (Kelway, 1928)
 *Kelway's Rosalie (Kelway) 1
 Kelway's Rose of Delight (Kelway, 1926)
 Kelway's Silvo (Kelway, 1926)
 *Kelway's Wild Rose (Kelway) 3
 *King Albert (Kelway, 1916) 1
 Kingsbury (Kelway)
 Kioto (Millet, 1926)
 *Kochomai 4
 Kojiki (Millet, 1926)
 Koningin Alexandra
 *Kossi (Millet, 1909) 1
 Lacepede (Kelway)
 Lady Bellew (Kelway)
 *Lady Godiva (Kelway) 1
 Lady Helen Vincent (Kelway, 1902)
 Lady Ley (Kelway)
 *Lady Lillian Ogle (Kelway) 2
 *Lady Margaret Ferguson 1
 Lady Marjorie Manners (Kelway)
 Lady Mary Dashwood (Kelway)
 *Lady of Grace (Kelway) 1
 Lady Rennie Watson (Kelway)
 Lady Wimborne
 Lady Wolseley (Kelway)
 *La Fiancee (Dessert, 1902) 2
 *La Fraicheur (Dessert, 1902) 4
 Langport Beauty (Kelway)
 Langport Cross (Kelway, 1929)
 *La Nuit (Shaylor, 1918) 4
 Larissa
 Laura (Terry)
 L'Avenir
 *Leander Starr Jameson (Kelway) 1
 *Le Jour (Shaylor, 1915) 5
 Le Noir (Shaylor, 1916)
 *L'Etincelante (Dessert, 1905) 6
 *Letitia (Kelway) 1
 Leucadia (Kelway)
 Lord Cavan (Kelway)
 *Lord Kitchener (Kelway) 1
 Lord Middleton (Kelway)
 Lord Morley (Kelway)
 Lord of Grave
 *Lucienne (Dessert, 1908) 6
 Lucrece
 Lucrinus
 Ludwig Richter (Goos & Koenemann, 1919)
 McKey (Kelway)
 *Madeleine Gauthier (Dessert, 1908) 5
 *Mafeking (Kelway) 3
 Manchu Princess (Mrs. Edw. Harding, 1929)
 Mardonius
 *Marguerite 1
 *Marguerite Dessert (Dessert, 1913) 4
 Marjorie Allison (Shaylor, 1918)
 Maurice Maeterlinck (Kelway)
 *May Bee (Berneche) 1
 *May Davidson (Pleas) 1
 *May Oleson (Oleson, 1924) 1
 Mazeppa
 Medon
 *Mellen Knight (Brand, 1920) 3
 Meteor (Kelway, 1899)
 Meteor Flight (Kelway)
 *Millais (Kelway) 1
 Milton
 *Minerve (Dessert, 1908) 4
 Minneapolis (Dana, 1926)
 *Minnehaha (Pleas) 2
 Minnie Shaylor (Shaylor)
 *Mischief (Auten, 1925) 1
 Miss Dainty (Hollis)
 Miss H. C. Hull (Kelway)
 *Miss Ida Chamberlain (Kelway) 2
 Miss Morris
 *Mistral (Dessert, 1905) 2
 *M. J. Astle (Kelway, 1912) 1
 Mlle. Louise de Lattre (Millet, 1925)

- Mme. Gauthier
M. Marsaux (Verdier, 1861)
*Mobuchi (Millet) 3
Moonlight (Kelway)
Moon Mist (Auten, 1929)
*Mrs. Beerbohm Tree (Kelway) 3
Mrs. F. J. Clark
Mrs. Helen F. Rooker (Millet)
Mrs. J. Gundry (Kelway)
*Mrs. Key (Terry) 2
*Mrs. Laura Coates Reed (Hollis) 2
Mrs. McKinley (Terry)
Mrs. Richmond (Kelway)
*Mrs. Woodward (Terry, 1906) 1
*Mr. Thim (Van Leeuwen, 1926) 1
Mulchelney (Kelway)
Murillo (Goos & Koenemann, 1910)
*Nagasaki (Millet) 3
*Naubunishiki 7
*Neko-wat 2
*Nellie (Kelway, 1915) 4
Neptune (Hollis, 1910)
Nihonji (Millet, 1926)
Noonday (Kelway)
Northbrook (Syn. Defiance)
*Nulli Secundus (Kelway, 1909) 2
*Nympe (Dessert, 1913) 8
*Ohinawa 1
*Okinama 1
*Okinawa 2
Olive Barrett (Kelway)
Opiter
*Othello (Dessert, 1908) 4
Paul Fisher
Peach Blossom (Kelway)
*Perle Blanche (Dessert, 1913) 3
*Perle Rose (Dessert, 1913) 3
*Peter Oleson (Oleson, 1924) 1
*Petite Louise (Nieuwenhuyzen, 1918) 2
Phillip H. Miller (Kelway)
*Pink Delight (Nieuwenhuyzen) 1
Pink Domino (Kelway)
Pink Pearl (Kelway)
Piou-Piou (Kelway, 1915)
Pitney (Kelway)
Pleas' Queen (Pleas)
Pleasure (Kelway, 1926)
Prairie Rose (Pleas)
*Presto (Auten, 1925) 1
*Pride of Huish (Kelway, 1928)
*Pride of Langport (Kelway, 1909) 3
Pride of Somerset (Kelway, 1928)
Prince Alexander
Prince Bismarck (Kelway)
Princess (Kelway)
Princess Alexandria
Princess Alva (Berneche)
Princess Mathilde (Dessert, 1908) 5
Princess of Monaco (Kelway)
*Princess of Wales (Barr) 1
Prince Teck
*Pure Love (Kelway) 3
*Purity (Kelway) 1
Purple Cup (Kelway, before 1915)
Purple Cup (Secor, 1924)
*Queen Bess (Terry) 1
Queen Mary
*Queen of May (Kelway) 2
*Queen of the Belgians (Kelway) 1
Quintilus
*Rabelais (Dessert, 1922) 2
Red Jacket (Crawford, 1922)
*Red Queen (Kelway) 2
*Rei-ka-zan 1
Rembrandt (Goos & Koenemann, 1926)
Rhetico
R. J. Pleas (Pleas)
*Romona (Gumm) 1
Rose Cavalier (Pleas)
*Rosy Dawn (Barr) 2
Rosy Glow (Glasscock, 1928)
Rubens
Ruby Light (Kelway)
Ruth Byrd (Lewis, 1921)
Rutila
*R. W. Marsh (Kelway) 2
*Sagaromo (Millet, 1924) 1
Santorb (Kelway, 1926)
*Satsuma (Millet) 1
Scarf Dance (Auten, 1927)
*Schwindt (Goos & Koenemann, 1910) 3
*Seedlings, unnamed 6
Seraph (Terry)
Shimso Kishki
*Shinso Jibiki (Millet, 1911) 1
*Shi-pen-kue (Millet) 4
*Shirley Walker (Shaylor, 1918) 4
*Shogun 2
*Silver Cup (Kelway, 1909) 2
Simplex
Single Pink (Hollis)
Single White (ThurLOW, 1916)
*Sir Aga Khan (Kelway) 1
Sir Edward Elgar (Kelway)
Sir Galahad (Kelway)
Sir Spencer Pombeny
Sir Visto (Barr)
Snowflake (Kelway)
Snow Rim (Andrews, 1923)
Somerset Beauty
*Somerton (Kelway) 2
*Souvenir de Zephir 1
Spring Maid (Pleas)
*Stanley (Kelway, 1890) 3
*Success 1
Sunlight (Kelway)
Surprise (Barr)
*Sylvia 1

- *Taikoon 3
- The Beauty Spot (Kelway)
- *The Bride (Dessert, 1902) 3
- The King (Kelway)
- *The Moor (Barr) 2
- The Oaks (Kelway, 1926)
- *The Queen (Kelway, 1902) 2
- Thoma (Goos & Koenemann, 1919)
- *Thurlow Weed 1
- Titan
- *Toreador (Wettengel, 1921) 3
- T. S. Hope Simpson (Kelway)
- Tydeus (Barr)
- *Veloutine (Dessert, 1908) 6
- *Venise (Dessert, 1913) 3
- *Venus (Barr) 2
- *Vera (Gumm, 1923) 2
- Verdun (Dessert-Doriat, 1927)
- *Vesta (Kelway, before 1897) 1

- Vestalis or Vesticius
- *Vesuve (Dessert, 1905) 5
- Victor (Kelway)
- Victor Hugo (Kelway, 1915)
- Viscount Cross (Kelway)
- Vulcan
- War (Dessert)
- *Watteau (Goos & Koenemann, 1911) 2
- *White Japan 2
- *White Swan (Pleas, 1913) 2
- White Wings
- Whitleyi (Kelway)
- *Whitleyi Major 4
- *Wilbur Wright (Kelway, 1909) 3
- *Wild Rose (Pleas) 1
- *Winnebago Chief (Secor) 1
- *Ya Machina (Millet) 3
- *York and Lancaster (Kelway, 1928)

JAPANESE

- P. albiflora*
- *Abbe (Lewis, 1921) 2
- Abbott (Lewis)
- *Akalu 6
- *Akashi-gata 5
- *Albatross (Wallace) 2
- Alfred (Terry)
- *Alma (Shaylor, 1916) 4
- *Altar Candles (Pleas, 1908) 4
- Ama-no-hashidate
- *Ama-no-sode 5
- *Antwerpen 2
- Apple Blossom (Rei-kai-zan)
- *Apollo 1
- Arcadia (Hollis, 1905)
- Aristocrat (Hollis, 1909)
- Asahi-no-Minato
- Asama
- *Attraction (Hollis, 1906) 2
- *Aubesan 1 (See Clementine)
- *Aureole (Hollis, 1905) 1
- *Aureolin (Shaylor, 1917) 2
- Awadji
- Bacchus
- *Beacon Light (Wettengel, 1924) 1
- Beatrice Kelway (Kelway)
- Beni hoko
- *Benisangai 2
- Bishownen
- *Bobbie Bee (Hollis, 1907) 2
- British Empire (Kelway)
- Buttercup (Glasscock, 1928)
- Calypso (Andrews, 1925)
- Caroline (Pleas)
- *Cascade 3
- Cashmere (See Chiyo-kagami)
- *Cathedral (Hana-no-sato) 4
- Cerise (Lewis, 1922)

- Chiyo-kagami (See Cashmere)
- *Christoble (Gumm) 1
- Cinderella (Hollis, 1910)
- *Claire 1 (See Kochomai)
- Clarisse (See Oimatsu)
- Clementine (See Aubesan)
- *Constance (Berneche, 1924) 1
- Cornelie (See Fu-ji-mine)
- Creve Coeur (Auten, 1929)
- *Crimson and Gold (Wallace) 1
- Crown Imperial (Kelway, 1929)
- *Crown of Thorns (Hollis, 1907) 1
- *Crown on Crown (Yamato-Sangai) 2
- *Crystal Queen (Magome Shira) 1
- *Currant Jap 1
- Curiosity (Dessert and Mechin, 1886)
- Daihasshu
- *Dai-jo-kuhan (Millet) 5
- Daikagura
- Daimio (Millet, 1926)
- *Dawn (Calot) 2
- *Daybreak 1
- Daylight (Risk, 1929)
- Denmark (Lewis, 1921)
- *Departing Sun 4 (See Single)
- D. H. Hughes (Kelway) (See Single)
- *Diana 1
- Dilsay (Dessert)
- *Distinction (Dessert, 1895) 3
- *Dog Rose (Wallace) 3
- *Dora 1
- Dragon's Head (See Tatsugashira)
- *Dr. Edgar Pleas (Pleas, 1900) 1 (Ostrich Plume)
- Dr. Minot's Favorite
- Eastern Brocade (Kelway)
- Echi-no-Haku San
- Edith Littleton

- *Edward VII (Kelway) 4
 Egypt (Risk, 1929)
 *Eileen Kelway (Kelway) 2
 *Elizabeth 1
 *Emelie 2
 *Emma 3
 *Emperor of India 1
 Enkin-kasumi
 *Esther (Terry) 3
 Etoile Blanche (See Isani Gidui)
 *Eugenie 2
 *Eva 3
 *Evelina 1
 Eveline
 Excellant
 Exquisite First
 *Fabiola 1
 *Fascination 1
 *Fat Si Sio 1
 *Fauvette 5
 *Felicity 1
 *Flamboyant (Kamenno-Kegoromo) 2
 *Flashlight (Hollis, 1906) 4
 Floradora
 *Foaming Wave 1
 *Francois 2
 *Frank Newbold (Gumm) 1
 *Fuji 1
 *Fuji-mine 5 (See Cornelie)
 *Fuji-no-mine 3
 *Fuji-no-yuki 1
 *Fuji-some-ginu 1
 *Fuji-some-goromo 3
 *Fuyajo 4
 Gaikoon
 *Geisha 1
 *Gekkiuden 1
 *Georgette (Wettengel, 1924) 1
 *Geraldine (Kelway) 4
 *Germaine 2
 *Gertrude 1
 Gessekai
 Glint of Gold (Lewis, 1923)
 Globe of Light (Kelway, 1928)
 *Glory (Hollis, 1907) 2
 Glory of Chugai
 Go-Daigo (Millet, 1926)
 *Golden Nugget (Pleas, 1913) 3
 Golden Rose
 *Gold Mine (Hollis, 1907) 3
 Gosetsu-no-mai
 *Grace Ott (Gumm, 1923) 1
 Grandiflora Lutescens
 Gui Hui Taku
 *Gunpo-nishiki 1
 *Gunpoo-no-nishiki 3
 *Gunpooro 2
 Guyo-ku-tinshi
 *Gypsy (Hollis, 1904) 3
 Gypsy Queen
 *Hakodate (Millet) 1
 *Hakuseko 4
 Hana Esho
 Hana-no-miyako
 Hana-no-saki
 *Hana-no-sato 3 (Cathedral)
 *Hatsu-chino 1
 *Hatsuegi 2
 Hatsukochi
 Hatsune
 *Hatsu-tori 2 (See Jeanne)
 *Hawa (Millet, 1907) 3
 *Henri Potin (Doriat, 1924) 2
 *Henry Farman (Kelway) 1
 Hettie Elliott (Pleas, 1910)
 High Jinks (Auten, 1929)
 *Hinode-sekai 4
 Hiodoshi
 *Hiogo (Millet, 1909) 1
 *Hirishima 2
 His Majesty (Kelway, 1929)
 Hity Tity (Hollis, 1910)
 *Ho-gioku 3
 Hubert Degris
 Humpty Dumpty (Hollis, 1904)
 *Hyakka-to 1
 Ikka-no-nagare
 Ikow-no-toku
 Ikuyo-no-homare
 *Imperial Queen (Wallace) 2
 *Innocence (Hollis, 1904) 1
 Instituteur Doriat (Doriat, 1925)
 Irihi-no-Umi
 *Iroka (Millet) 3
 *Isami Jishi 1
 *Isani Gidui 7 (Etoile Blanche)
 Iten-shikai
 *Jacoba 1
 *Jacqueline 2
 Jacques Doriat (Doriat, 1929)
 *Jan van Leeuwen 1
 *Japanese Fairy (Secor, 1924)
 Jappensha-ikku (Millet, 1924)
 Jap Queen
 Jap Rose
 Jean Ann (Franklin, 1928)
 Jeanne (Hatsu-tori)
 *Jeanne Lapandry (Doriat, 1925) 1
 Jeffries' Crimson
 Jessie Kelly (Terry)
 Jishi
 *Joseph Decaisne 1
 Joseph Plagne (Dessert-Doriat, 1929)
 *Josephine 3
 Jyoya-no-hikari
 Kachima Bacheus
 Kaeonshka-ikku
 Kaisairon (Millet, 1926)

- *Kamakurako 2
- Kamargo (Lewis)
- Kame Kenerano
- *Kameno-kegoromo 3 (Flamboyant)
- Kameno Keyno
- *Kameno Reginis 1
- Kami-asobi
- Kami-gaki
- Kansenden
- *Karafume 1
- Kara-ori-nishiki
- *Karatsu 2
- *Kasane-jishi 2 (Syn Rosalind)
- Kashomake
- *Kasmino Requis 1
- Katori-nahiko (Millet, 1924)
- Keiun
- *Kelway's Magnificence (Kelway) 2
- Kelway's Majestic (Kelway, 1929)
- *King of England (Kelway, 1902) 4
- *Kino-kimo 4 (See Rinokino)
- *Kinsui 1
- Kinunobe Sangai
- Kioto (Millet, 1926)
- *Kiou Shou 1
- Kirifuri Yama
- *Knight of the Thistle (Kelway) 1
- *Kochi-no-mai 1
- Kochi-no-mine
- Kocho-jishi
- *Kochomai 4 (See Claire)
- Kojiki (Millet, 1926)
- *Kokurun Rui 1
- *Kokury-ukaku 1
- Kokura Yama
- Kokuryo Mon
- Koku-un
- Kosan-no-Tsuki
- Kossi (Millet)
- Kowmei
- Kuazoku (Millet, 1910)
- *Kugari-kun 1
- *Kugesoa-kun 1
- *Kukeni-jishi (Dess-Doriat) 5
- *Kumagoe 3
- Kumoi-no-haru
- *Kuni-mori 1
- Kusuhana
- Kwako-yen
- Kwanjoraku
- *Labolas (Kelway) 1
- Laciniata
- *Largo (Vories, 1929) 1
- *Lemon Queen 5
- *Leonie 1
- Lewis' Salmon (Lewis)
- *Lieut. Hobson (Hollis, 1903) 1
- *Lothario (Wettengel, 1921) 1
- *Lotus (Introd. Storrs & Harrison) 1
- Louise (See Ruigegno)
- Lou Shenk (Rosefield, 1927)
- Lucie
- Luella Shaylor (Shaylor, 1919)
- Magome-shira (See Crystal Queen)
- Magnificence (Kelway)
- *Major Loder (Kelway) 3
- *Makitateyama 1
- Manzairaku
- Marconi (Kelway, 1909)
- *Margaret Atwood 2
- *Marguerite 1
- *Marianne 1
- *Mary May (Berneche, 1924) 1
- Matsushima
- *Maurice Maeterlinck (Kelway, 1915) 1
- Medusa
- *Meigetsuko 1
- *Melody (Auten, 1925) 1
- Mid-day (Hollis, 1909)
- *Mikado (Peterson, 1893) 5
- *Minamota (Millet) 1
- Mine-no-momiji
- *Mine-no-money 1
- Mine-no-yuki
- Miya hashira
- Miyo-no-hana
- Mlle. Germaine Perthuis (Millet, 1919)
- Mobuchi (Millet)
- Modesty (Kelway)
- Moonlight (Kelway)
- Moon-yen Claire (Pleas)
- Morning Glory (Hollis, 1909)
- *Mr. G. F. Hemerik 2
- Mrs. C. W. Ward
- Mrs. Hobart M. Cable (Crawford, 1922)
- Mrs. Mac (Franklin, 1928)
- Mrs. Waite
- Murakumo
- Mutsu (Crawford, 1922)
- *Mutsu-hito 3
- *Nana-henge-shibori 1
- Neko-wat
- *Neptune (Terry) 2
- Nihonji (Millet, 1926)
- Nikko
- Niobe
- Nippon Beauty (Auten, 1927)
- Nippon Gold (Auten, 1929)
- Niscibi-nawa
- *Niscite Gawa 1
- Nishiki Gawa
- Nishiki-no-shitone
- *Noonday (Kelway) 1
- Novelty (Pleas)
- Nureginu
- Nymphe (Dessert, 1913)
- *O Fuji 5
- Oahio Kun

- *Ohirama 5
 *Ohirawa 1
 *Ohanagasa 3
 *Oimatsu 2 (See Clarisse)
 *Oki 1
 Okinawa
 *Oki-no-nami 4
 *Olivia 1
 *Onahama (Gumm, 1928) 2
 *Ophir 2
 *Orange Prince (Pleas, 1909) 3
 Orby
 *Oshio-Kun 2
 O-sho-kus
 *Ostrich Plume (Pleas) 1 (See Dr. Edward Pleas)
 *Petite Renee (Dessert, 1899) 3
 *Ping Wing 1
 *Pink Lady (Secor) 1
 Pink Mikado
 *Pocahontas (Pleas, 1914) 2
 *Pride of Remington (Gumm) 1
 Pride of Yamamoto
 Prince Albert (Hollis, 1904)
 Prince George
 Prince Ito (Lewis, 1923)
 Prince of Japs (Lewis, 1927)
 *Princess Duleep Singh (Kelway) 3
 *Princess Imperial (Kelway, 1929)
 *Purity (Bunting) 4
 *Purity (Wallace) 1
 *Purple Cup (Secor, 1924) 1 (Also by Kelway before 1915)
 *Queen Alexandra (Kelway, 1902) 1
 Queen of Pleasance (Pleas, 1899)
 Rabelais (Dessert, 1922)
 *Rare Brocade (Pleas) 1
 *Rashooman 3
 Red Riding Hood (Hollis, 1909)
 Red Wing
 Rei-kai-zan (See Apple Blossom)
 *Rinhosen 2
 *Rinokino, 1 (Probably Kino-Kimo)
 Riuhasen
 *Rosa (Hollis, 1910) 1
 *Rosalind 1 (Syn. Kasane jishi)
 *Rose of Nippon 4
 Rose Valley (Scott, 1925)
 *Ruigegno 4 (See Louise)
 Ruigeje
 *Ruth Force (Shaylor, 1922) 1
 Sagoroma (Millet, 1924)
 Samurai (Millet)
 *Saturn 2
 Sea Pearl (Hollis, 1904)
 *Seedlings, unnamed 6
 *Seioba 1
 *Seiriu Somae 4
 *Sendo Nishiki 1
 Shavano (Andrews, 1925)
 Sherbrooke Record (Norton, 1928)
 Shikibu
 *Shikou 1
 Shimso Kishki
 *Shinsi-odori 1
 Shiraginu
 Shirawashi
 *Shiro-sangai 2
 Shishi asobi
 Showdzui
 Shujaku Mon
 Sir Edmund Barton (Kelway)
 Sir Henry Stone (Kelway, 1926)
 *Sir Madhi Singh (Kelway) 1
 Skidoo (Hollis, 1910)
 *Snowflake (Kelway) 1
 *Snowdrift (Wallace) 2
 *Snow Wheel 3
 *Some Ganoko 4
 Someginu
 Sono-no-kurenai
 *Sophia Houston 1
 *Soshi (Millet) 3
 *Souvenir 1
 *Souvenir de Guynemer (Millet, 1919) 1
 Souvenir d'Haracourt (Millet, 1919)
 Sowfren
 Sowhien
 *Spinning Wheel (Babcock) 1
 St. Anthony (Barr)
 St. Hilda (Barr)
 Suisho
 Surusumi
 Summi-no-tsuki
 *Sunbeam (Hollis, 1906) 1
 Sunmi-no-ishi
 Sunray (Hollis, 1909)
 *Sunrise (Hollis, 1909) 2
 Sunset (Risk, 1929)
 *Surugu (Millet, 1907) 3
 Tago-no-ganki
 *Tago-no-tsuki 5
 Taiheiraku
 *Taiho 4
 *Taiki-kusei 1
 Taikoon
 Taizokaku
 *Takaradama 1
 Take-no-Sonoo
 Tarantelle (Auten, 1929)
 Tatsu Gashira (See Dragons Head)
 Tatsuta-gawa
 Tatsuta Hime
 Tatsuta-no-aki
 Taw Yen
 Teiow
 Tenchi
 *The Dragon (Wallace) 1

- The Oyne
 *Titian 2
 *Tokio (Introd. Dessert, 1910) 6
 Tokino-hagasane
 *Tomat-bako 2 (Tomate Boku—see manual)
 *Tora-no-maki 2
 *Torpilleur (Dessert, 1913) 7
 Towshuko
 Toyo-sen
 Triumph
 True Love (Hollis, 1910)
 *Tsin Tsin 1
 *Tyerline 1
 *Venus (Barr) 2
 *Vesticius 1
 *Victoria 1
 White Japan
 *White Lady (Kelway, 1900) 2
 *White Queen (Wallace) 2
 White Rock (Hollis, 1909)
 Witch (Hollis, 1909)
 Ya Machina (Millet)
 *Yamato-sangai 2 (See Crown on Crown)
 Yamato Tsuka
 *Yamato-tsukasa 1
 *Yayoura 2
 *Yenchi-no-tsuki 1
 *Yeso (Dessert, 1910) 7
 *Yokohama (Millet, 1907) 2
 *Yoochi-no-tsuki 2
 Youth (Hollis, 1904)
 Yoyon-chigiri
 Yuki-no-mori
 *Zansetzu 1
 Zuun

DOUBLES

- P. albiflora*
 *Arlequin (Dessert, 1921) 2
 *Cardinal (Gumm) 1
 *Curiosity (Dessert & Mechin, 1886) 1
 *Duchess of Portland (Barr) 2
 *Fantasy (Auten, 1925) 1
 *Fauvette 5
 *Felix Crousse (Crousse, 1881) 1
 *Garnet (Gumm) 1
 *Golden Dawn (Gumm, 1923) 1
 *Golden Nugget (Pleas, 1913) 3
 *Goliath (Hollis, 1904) 1
 *Grace Ott (Gumm, 1923) 1
 *Gretchen (Goos & Koenemann, 1911) 1
 *Henry Farman (Kelway) 1
 *H. R. H. Princess Louise (Kelway) 1
 *Lady Emily (Pleas, 1907) 1
 *Lillian Gumm (Gumm) 1
 *L'Innocence (Shaylor, 1915) 1
 *Lotus (Introd. Storrs & Harrison) 1
 *Minamota (Millet) 1
 *Mlle. Cimschowska (Millet) 1
 *Nympe (Harrison) 1
 *Philomele (Calot, 1861) 1
 *Queen of the Pleasance (Pleas) 1
 *Souvenir de Zephir 1

SINGLES

(Species other than *P. albiflora*)

- **P. alpha* (Arends) 1
 **P. anomala* 2
 Insignis
 Intermedia
 *Peter Barr 1
 *Smouthi 1
P. arietina
 Andersoni
 Baxteri
 Cretica
 Crown Prince
 Diogenes
 Excelsior
 Matador
 Northern Glory
 Penelope
 Purple Emperor
 Rosy Gem
P. bakeri
P. broteri
 **P. corallina* 1
P. corsica
 **P. decora* 1
 Elatior
 Gertrude Jekyll
 Pallasi
P. delavayi
P. emodi
P. glaziella
 **P. humilis* 1
 **P. lobata* 1
 Charity (Saunders, 1929)
 Harbringer (Saunders, 1929)
 Otto Froebel
P. lutea
 Superba
 Surprise
P. macrophylla
 **P. maikonigin* 1
P. microcarpa
P. mlokosewitschi
P. mollis
P. officinalis
 **Anemonaeflora aurea ligulata* 1

*Anemoneaeflora rosea 1	Compacta
*Anemoneaeflora rubra 1	Daniel Dewar
Ceres	Ruby Queen
Challenger (Saunders, 1929)	*P. pubens 1
Charmer	P. russi major
Fire King	P. sinensis
Highland Lassie (Toedt, 1929)	Chalice (Saunders, 1929)
Legionnaire (Glasscock, 1928)	Defender (Saunders, 1929)
Lucida	Joy (Saunders, 1929)
Nemesis	Man of War (Saunders, 1929)
Ophia	P. tenuifolia
Oriflamme	Alba rosea
Pomponia violacea	Hybrida
Rosea (Superba)	Laciniata
Sabini	*Latifolia 1
Splendens (fulgens)	Rosea
Striata elegans	*Simplex 1
Sunbeam	P. triernata
The Sultan	P. Veitchi
*Violacea sphaerica 1	P. Wittmanniana
P. paradoxa	*Avant Garde 2
Etiole de Pluton	*Le Printemps 1
Rosea	Mai Fleuri
P. peregrina	*Messagere 2
Blushing Maid	Rosea
Brilliant	Splendens
Byzantina	P. Woodwardi



Handling Exhibition Peonies In Storage

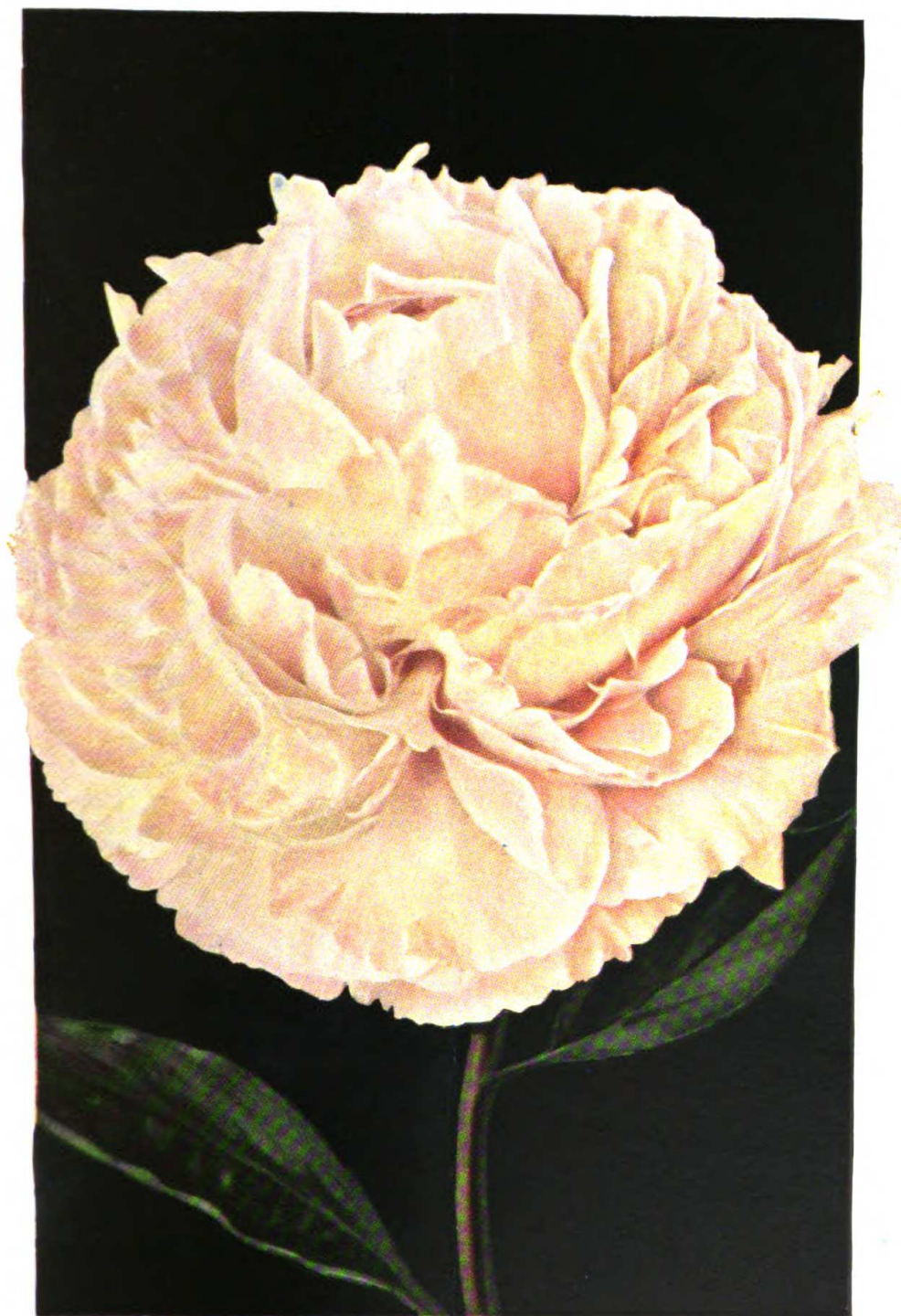
By CHARLES KLEHM, Arlington Heights, Ill.

YOUR letter in regard to how the Peony Show at Washington appealed to me—will say that I have only seen two shows, the one at Peoria, Ill., and the one at Washington, D. C., and the impression I received at entering both shows was one of disgust at the wilted appearance of the peony flowers.

I remember at Peoria they blamed the weather. At Washington I don't know what they blamed it to, as I and my two brother judges were too busy judging the exhibits in the open classes.

Now I feel sure that the reason for wilting is only that the flowers are not full of water, which in most cases can be prevented by putting the flowers in water from three to five days or longer in a cool room, preferably a cold storage room, at a temperature of 34 to 45 degrees. The shorter the time, the deeper they want to be placed in water as leaves and stems will help to draw in water, only keep the flowers and buds dry to prevent them from becoming spotted.

It would be well to have two rooms of different temperature, one warmer than the other, as the further open flowers want to be kept in



SOLANGE

a cooler temperature than the tighter buds, and also the ones that have to be kept longer would want a cooler temperature. Exhibitors will have to keep in mind that the judging is done the first day, and that the judges will have to judge the flowers according to how they look on that day.

Growers or exhibitors should keep in mind the time it takes for some varieties to open as some very double varieties take a long while to open and should be left on the plant longer than some kinds which open faster.

WATCH NUMBER CLASSES

Where a certain number is called for, say six or twenty flowers, exhibitors should be sure to put in the exact number, as we found that too many of the exhibitors had 19 or 21 flowers in the 20 class, and had to be barred on account of the rule.

Putting up a show entails lots of work and the time is often too short, but getting your flowers well-filled up with water will help the good cause along and can be done in most cases before the real work commences.

STORAGE NO MYSTERY

The flowers at Washington were all that could be expected but I found that the storage question was not well understood and seemed a mystery to lots of growers, but for the shows all that has to be remembered is a temperature of 35 to 45 degrees, the flowers placed in water six to ten inches deep in a clean room, the buds to be kept dry, and the shorter the time, the deeper the water.

Now I know that to you, who see the show year after year, and also the exhibitors that show year after year, these remarks will seem foolish, but you must not forget that there are a good many that never exhibited at any show.



Regional Shows

THURA TRUAX HIRES, *Chairman*

WHILE all peony enthusiasts look forward yearly to the national show but few of the members of the Society are so fortunate as to be able to attend each of them. Realizing this, the directors have for a number of years been co-operating with local groups showing interest in holding regional shows. In 1928 it was decided to

extend this co-operation to include all local groups and garden clubs desiring co-operation in their shows. A pamphlet on "Exhibition Policy and Management" was prepared and copies are now available for the use of all show committees. The contents of this pamphlet was published in Bulletin 37, that the members might know of this wish to be of service to them in their local activities.

The rules governing co-operation are very simple and easily complied with. The specimen schedule was formulated to meet the needs of large shows. It is not required that it should be strictly followed for regional or smaller shows. Local committees should select classes to meet their requirements from each group, keeping the grouping arranged as shown in this schedule. Other classes may be added as desired and it is suggested that special attention be given classes in Group II, the group arranged for the novice growers.

We hope before 1931 to have regional vice-presidents appointed for each region, who will arrange regional shows for 1931. It is hoped a regional show will be held in each region and that a meeting of the members of the region will be held at the same time. The regional vice-presidents and their committees will also keep in touch with local groups and will help arrange schedules for local garden clubs wishing to have peony classes in their spring flower shows. By closer co-operation of the membership in each region it is hoped to stimulate interest in peonies and in the work of the Society.



The Annual Meeting

Report of Twenty-Seventh Annual Meeting of the American
Peony Society Held at the Pennsylvania Hotel, New
York City, 10 A. M., January 27, 1930

MEETING called to order by President Little. Inasmuch as the report of the previous meeting was reported in the Bulletin Prof. A. P. Saunders moved that the minutes as printed in the Bulletin be accepted without reading. Motion duly seconded and carried.

The minutes of the last Directors' meeting also were reported in full in the Bulletin No. 37 and Mr. W. H. Thurlow made a motion that the reading of the minutes of the Directors' meeting be dispensed with inasmuch as they appeared in the Bulletin. Motion seconded and carried.

The Secretary's report was the next order of business and is as follows:

SECRETARY'S REPORT

"It affords me pleasure to present for your consideration my annual report for the year 1929.

"The year just closed has been a very successful one in the way of a substantial growth in membership. Our records show 920 members on Jan. 1, as compared with 833 a year ago, or a gain of 90. Two years ago we had a membership of 788, or 132 less than we now have. Since the first of the year 12 new members have been added making the present membership Jan. 21st, 932.

"We have mailed to our members four bulletins during the year. These bulletins have been considerably increased in size, more illustrations have been used and the appearance has been considerably improved. It will be our endeavor to have these bulletins issued as near on the quarter as possible.

"We have sold a considerable number of manuals during the past year through personal solicitation and correspondence. Over 700 copies have been sold to date.

"There has been less than a half dozen resignations during the year, although a few members are in suspension. I regret to record the death of several of our faithful members. The passing of August Dessert on Dec. 2 was closely followed by Mr. Boyd on the 17th of Dec. I know we all feel a personal loss in the passing of these two men who have done so much in the interest of the peony.

"I present for your approval a statement of receipts and expenses during the year ending January 1, 1930."

	1929	1928	1927
Members	769	683	616
New members during the year	122	120	144
Honorary members	6*	7	6
Life members	23	23	22
Totals	920	833	788

*The death of August Dessert December 17, 1929, and the passing of Mrs. Sarah A. Pleas, have removed two honorary members the past year.

RECEIPTS FOR THE YEAR 1929

Renewal of dues	\$2,006.00	
New members	366.00	
Advertising	760.00	
Sale, new manual	2,474.10	
Back bulletins	9.50	
Membership cuts	16.50	
Farr memorial medal	5.00	\$5,637.10

SUMMARY OF EXPENSES

Printing and postage, Secretary's Office	\$ 170.42	
*Cost bulletins Nos. 36, 37, 38, and 39	1,401.00	
Director's traveling expense	363.65	
Secretary's salary and commission	898.92	
New Peony Manual account	1,250.00	
Color inserts for bulletins	125.00	
Premiums paid at Washington, D. C., show	480.00	
General expense account	374.37	\$5,063.36

*Cost of bulletins includes cost of cuts, retouching plates, extra composition, mailing, etc.

A motion was made by A. M. Brand and seconded by W. H. Thurlow that the report of the Secretary be accepted as read and made a part of the record. Motion carried.

The next order of business was the Treasurer's report which was as follows:

RECEIPTS AND DISBURSEMENTS

Cash on Hand, Jan. 18, 1929.....\$ 251.04

Receipts

Jan. 24, 1929, from Secretary	\$ 301.50	
Mar. 5, 1929, from Secretary	652.15	
Mar. 11, 1929, from Secretary	709.00	
Apr. 9, 1929, from Secretary	1,441.55	
July 10, 1929, from Secretary	541.15	
Aug. 2, 1929, from Secretary	538.25	
Sept. 25, 1929, from Secretary	425.50	
Oct. 12, 1929, from Secretary	132.50	
Nov. 13, 1929, from Secretary	352.50	
Dec. 26, 1929, from Secretary	543.00	
		<u>\$5,637.10</u>

\$5,888.14

Disbursements

Total—Supported by Vouchers

5,055.36

Cash on Hand, Jan. 17, 1930.....\$ 832.78

Note:

Check No. 113 to Elliot S. Hubbard, amount \$8.00, issued in payment of Voucher No. 119, is outstanding, not having been presented for payment.

Vouchers No. 94 and No. 95 were evidently lost in the mail. Vouchers No. 117 and No. 118 were substituted and paid by Checks No. 117 and No. 118.

Check No. 131 (Voucher No. 137) is held by the Treasurer, unpaid, being a duplication of Check No. 128 (Voucher No. 134) to H. A. Easterly for \$14.10.

STATEMENT

Assets

Cash on Hand, Jan. 17, 1930.....	\$ 832.78
Accounts Receivable—Advertising	322.50
1,975 Peony Manuals.....	6,320.00
	<u>\$7,475.28</u>

Liabilities

Accounts Payable	\$2,263.02
Reserve for Binding Manuals	358.40
Reserve for Life Membership	625.00
Surplus	4,228.86

\$7,475.28

The Board of Directors,
American Peony Society.

Dear Sirs:

I hereby certify that I have examined the accounts of W. W. Cook, Clinton, Iowa, Treasurer of the American Peony Society, for the period January 18, 1929, to January 17, 1930, inclusive, and found that all the funds received were accounted for as per the statement herewith. All disbursements were made under orders signed by the President and Secretary of the American Peony Society and supported by proper vouchers.

The item of Cash on Hand, \$832.78, as at January 17, 1930, was found to be on deposit at the Peoples Trust and Savings Bank, Clinton, Iowa, in the name of W. W. Cook, Treasurer.

Respectfully submitted,

Clinton, Iowa,
March 21, 1930.

ALBERT H. HAMMARSTROM,
Certified Public Accountant.

Motion made by Mr. Brand that the report be accepted as read and made a part of the permanent record. Motion seconded and carried.

Prof. A. P. Saunders brought up the matter of furnishing manuals to the donors of the original Cornell planting, the sale of which aided greatly in financing the publication of the book. It was unanimously agreed that this be done and Prof. Saunders was to furnish a list to the Secretary of the number of manuals desired for the purpose.

No reports made by special committees.

MR. CLAYBAUGH NEW DIRECTOR

The matter of electing a Director to take the place of the late James Boyd was next taken up. The names of Mr. Harry A. Norton of Ayers Cliff, Quebec, and Mr. Harry W. Claybaugh of Franklin, Pa., were placed in nomination. Inasmuch as Mr. Norton would represent Canada, Mr. Brand made a motion that he be nominated. Motion seconded by Mr. Thurlow and carried. Due to the fact that Mr. Norton had indicated he might not be able to accept the nomination, the Secretary brought up the point of electing Mr. Claybaugh in case Mr. Norton would not act and it was unanimously agreed that this be done. The Secretary was instructed to get in communication with Mr. Norton to ascertain his final stand in the matter and was advised under date of February 14th that he could not conscientiously accept the nomination owing to the uncertainty of his being able to attend meetings. Mr. Claybaugh was thereby duly elected for a term of three years.

The terms of A. M. Brand and W. W. Cook as Directors expired

and as there were no other nominations presented, Prof. A. P. Saunders made a motion that the secretary be instructed to cast a ballot for the Society for their re-election. Motion seconded and carried.

ELECT NEW MEMBERS

The election of new members was the next order of business. The names of new members appear in each issue of the bulletin and Prof. Saunders moved that the reading of the list be dispensed with and that those whose names appeared be elected to full membership in the Society. The motion was seconded by Mrs. Edgar Hires and carried.

As no other business was brought before the meeting, Mr. Brand made a motion that adjournment be in order. Motion seconded and carried.

Respectfully submitted,
W. F. CHRISTMAN, *Secretary*.



Report of Special Directors Meeting Held at Washington, D. C., June 7, 1929, in the New Willard Hotel

A SPECIAL meeting of the Directors was called by the President to consider some matters of importance needing attention before the regular meeting of the board.

Directors present, Little, Saunders, Brand, Boyd, Wassenberg, Cook, Thurlow and Christman. Mr. A. H. Fewkes was also asked to join in the deliberations.

The first order of business transacted was the formal presentation of the first Farr Memorial Medal to Mr. James Boyd for his work as Editor of the Peony Manual. Prof. Saunders who had the preparation of the medal turned it over to the President, Mr. Harry F. Little, who made the presentation speech.

Mr. Boyd presented the matter of the name Rosenfield which has been changed by Mr. Rosenfield to Rosefield. The matter was discussed at some length but no official action taken, the concensus of opinion being that the slight variation in spelling or adoption of the change should be left to the discretion of dealers in issuing their catalogues.

ENTRY CARDS FOR EXHIBITIONS

The Secretary brought up the matter of having entry cards prepared for the annual exhibitions.

Motion presented by Prof. Saunders that the Secretary be authorized to have entry cards printed which was duly seconded and carried.

The question of medals for the various shows was then brought before the directors and motion presented by Mr. Wassenberg that medals be cast in advance of the shows so that delay in presenting the medals could be avoided. His motion provided for a maximum of ten medals. Motion carried.

The matter of the Farr Memorial Medal was then taken up and upon a report from the Secretary that approximately \$55.00 has been donated, Mr. James Boyd presented a motion that the President appoint a committee of five members of the Society to solicit funds by means of direct appeal. Mr. W. W. Cook seconded the motion which was carried.

DULUTH SELECTED FOR 1930 SHOW

President Little appointed Mr. Harry Norton, A. M. Brand, A. P. Saunders, W. H. Thurlow and A. H. Fewkes to act on this committee.

The matter of next year's place of meeting was taken up and an invitation and appeal from Indianapolis read. As 1930 has previously been promised Duluth, Minn., the matter was to be taken up with the Duluth Peony Society to learn definitely whether or not they desired the exhibition. (Note:—Upon taking this up we learn that they most emphatically want the 1930 show and have made plans accordingly.)

The matter of peony manual sales was next discussed after a report from the Secretary that 598 manuals had been sold. It was thought best to place the handling of the manuals in the hands of some book dealer with the thought of making prompt disposition of the issue.

Prof. Saunders made a motion that Mr. Little be delegated to confer with A. T. De La Mare of New York City, in an effort to move the manuals, Mr. Little being empowered to make whatever arrangement he deemed best for the interest of the Society. Mr. Little's expense in connection with the trip to be borne by the Society. Motion carried.

EXPRESS APPRECIATION TO SOCIETY

Motion presented that the Secretary be instructed to express to the directors of the American Horticultural Society the thanks of the American Peony Society for their splendid co-operation in staging the show and to further express the gratitude of the Society to every one having charge in making the show a success.

Mr. Boyd made a motion that the secretary be authorized to secure

a record book in which the minutes of the meetings of the Society could be properly kept and recorded. Motion carried.

As no further business was brought before the meeting, a move for adjournment was taken and carried.

Respectfully submitted,

W. F. CHRISTMAN, *Secretary*.

Note.—This report was crowded out of previous Bulletins.—EDITOR.



Report of Directors' Meeting, Pennsylvania Hotel, New York City, January 27, 1930

DIRECTLY following the annual meeting, a meeting of the directors was held. Directors present: Little, Thurlow, Brand, DuMont, Cook, Saunders and Christman. Mr. Wassenberg was vacationing in California and could not be present.

Election of officers for the year 1930 was the first order of business.

The office of president was first considered.

A motion was made by Mr. Brand that President Little be re-nominated for another term but he declined the nomination, stating that it was customary that the president serve not longer than two terms in succession.

PROF. SAUNDERS ELECTED PRESIDENT

Mr. DuMont then moved that Prof. A. P. Saunders be elected to the office of president. Motion seconded by Mr. Thurlow and unanimously carried.

Mr. Little retired and Prof. Saunders took charge of the meeting.

The office of vice-president was next to be filled.

Mr. Little moved that Mr. W. G. DuMont be nominated for vice-president. Motion seconded and carried.

The office of secretary was next considered.

Mr. Brand moved that the present secretary, W. F. Christman, be renominated. Seconded by Mr. Cook and carried.

The nomination of a treasurer was next in order.

Mr. Brand again moved that the present treasurer, W. W. Cook, be re-nominated to the office. Motion seconded by Mr. Thurlow and carried.

MRS. HIRES REGIONAL SHOW CHAIRMAN

At this point Mr. DuMont brought up at some length the matter of regional shows and the appointment of a chairman to look after the

same. He recommended that Mrs. J. Edgar Hires of Ardmore, Pa., be appointed to this position.

Mr. W. W. Cook made a motion that Mrs. Hires be appointed exhibition chairman for regional shows for the year 1930, under supervision of the president. Motion seconded by Mr. Thurlow and carried.

Mrs. Hires being present, accepted the nomination.

The place for holding the 1930 show was then discussed.

A message was read from President H. P. McBride of the Duluth Peony Society to the effect that the Chamber of Commerce of Duluth, Minn., would co-operate with the Duluth Peony Society in staging a national show next summer in a manner commensurate with dignity of city and importance of event.

MR. BRAND TO PREPARE SCHEDULE

The matter of schedule was next discussed. Mr. Little moved that Mr. Brand be appointed a committee of one to arrange for a prize schedule for the Duluth show. Motion seconded by Mr. Thurlow and carried.

Mr. Cook moved that the schedule follow the lines of the Washington schedule as far as practicable and any changes or additions to have Mr. Brand's sanction and that the Society provide not more than \$500 to apply as cash prizes. Motion seconded and carried.

PRESIDENT TO SELECT JUDGES

The question of judges was next taken up for discussion. Mr. Little moved that the president be empowered to appoint the judges for the Duluth show. Motion seconded and carried.

The question of a meeting place for 1931 was discussed and the invitation of Harrisburg, Pa., was to be considered. No definite action taken in the matter.

The matter of a gold medal for the 1930 show was brought up by the secretary and Mr. DuMont moved that the secretary be authorized to have a gold medal cast. Motion seconded by Mr. Little.

RECOGNITION OF SEEDLING PEONIES

The matter of awarding recognition to seedling peonies was brought up by Mr. Brand for discussion. He felt that while a rigid rule should be followed, there would be a better feeling if some recognition could be made each year to real, worthwhile originations. The general opinion prevailed that it would help the cause materially to award some mark of recognition to outstanding originations annually.

Mr. Cook made a motion that the Seedling Committee be given authority to use their discretion as to whether a certificate of Honorable Mention or Award of Merit be given. Seconded by Mr. Thurlow and carried.

The secretary brought up the matter of resolutions on the recent deaths of Mr. Boyd and August Dessert, and moved that the president appoint a committee (he acting as chairman), to draw up a set of resolutions and that they be made a part of the record. Motion seconded and carried. Acting on this committee with Prof. Saunders are Mr. Little and Mr. Thurlow.

The directors of the American Peony Society record in these minutes their grief in the death of Mr. James Boyd.

A director of the Society for many years, its president for two years, its treasurer for three, one of the most regular and skillful exhibitors at our annual exhibitions, a wise counsellor in all emergencies, a friend to many peony growers in all parts of the country, an ardent flower lover even apart from his special interest in the peony, he occupied a place of great importance in the history of the Society, and his death leaves a vacancy which can not be filled.

His greatest service to the Society and to the peony undoubtedly lay in the preparation of the Peony Manual on which he spent a great deal of his energy during the last years of his life. Involving co-operation by a number of different writers this was a task that called for persistence, tact, knowledge, and decision of character. He possessed all of these, and that book constitutes one of the testimonials to his worth which will make his name remembered as long as American horticulture goes on.

We extend to Mr. Boyd's family our most sincere and heart-felt sympathy and assure them that his name will ever be held in respect and admiration by the peony growers of America.

And we direct that these minutes be inscribed in the records of the Society.

* * * * *

The American Peony Society, speaking for all peony growers and all peony lovers, bears its testimony of grief in the loss of M. Auguste Dessert who died at Chenonceaux, France, on December 17, 1929.

M. Dessert was known far and wide in this country and many a pleasant hour has been spent by American visitors at his garden in Chenonceaux. He was always a kindly host to those who called upon him

and no one could make his acquaintance without being charmed by his gentle and friendly disposition. But there was something far more significant than that about him. In his small establishment he was able by skillful breeding to produce some of the most beautiful peonies that have been introduced to horticulture in the last fifty years. These constitute his most fitting monument. His name can never fall into oblivion so long as *Therese*, *Tourangelle*, *Rosa Bonheur*, *Madame Jules Dessert* shall be cultivated in our gardens.

We pay tribute to the sterling qualities of his character, to his exceptional skill as a horticulturist, to his great and permanent services in the development of the peony; and we extend to his bereaved family our most sincere sympathy in their irreparable loss.

We direct further, that this record be spread upon the minutes of the American Peony Society.

A. P. SAUNDERS (chairman)

H. F. LITTLE

W. H. THURLOW

Committee

RENOMINATE RETIRING DIRECTORS

The terms of office of three directors expire with the close of 1930. Prof. A. P. Saunders, Chas. F. Wassenberg and W. F. Christman are the retiring directors.

A motion was made by Mr. Brand that the outgoing directors be nominated for re-election for a period of three years. Motion seconded and carried.

At this point President Saunders had to leave the meeting and Mr. DuMont assumed the chair.

WILL ADVERTISE PEONY MANUAL

The question of disposing of the manuals on hand was discussed at some length and a motion made by Mr. Little that the secretary call on A. T. De La Mare Co., with a view to having them assist in the disposal of the manuals through their book department. Motion seconded by Mr. DuMont and carried. Mr. Brand and Mr. DuMont volunteered to assist and we are hopeful that something definite may be worked out of the conference.

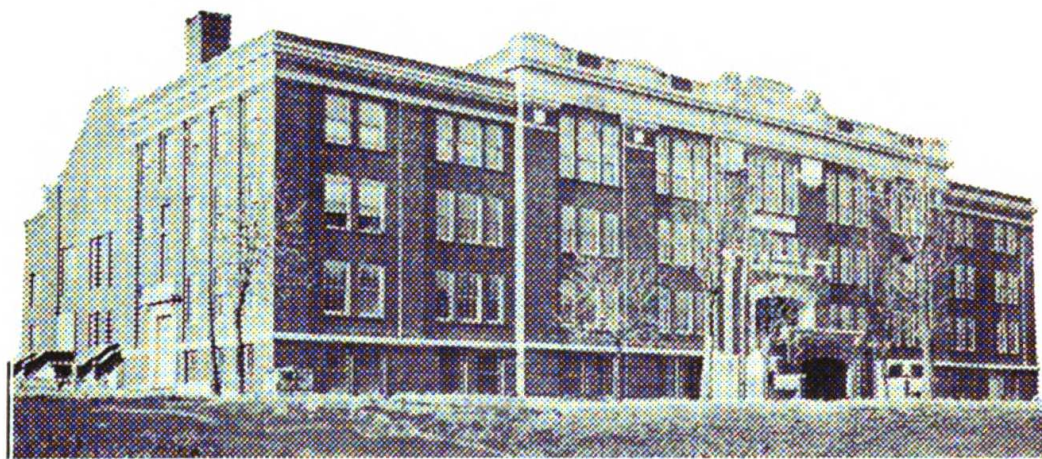
The question of advertising the manual was then discussed at length and motion made by Mr. Little that the secretary be authorized to advertise in *Horticulture*, *Home Acres* and *Westchester Magazine*, using a

two-inch space in two or more issues if deemed advisable. Motion seconded by Mr. Thurlow and carried.

As no further business was brought before the meeting a motion for adjournment was favorably received.

Respectfully submitted,

W. F. CHRISTMAN, *Secretary*.



The Armory Building Where the National Show Will be Held

The National Show at Duluth

Schedule of Prizes Offered at the National Show of the
American Peony Society at Duluth, Minn., in Con-
junction with the Duluth Peony Society,
June or July, 1930

Rules—

Entries shall be in the hands of the secretary, Joseph Sellwood, 1420 East Fourth Street, Duluth, Minn., at least two days before the opening of the show that space may be reserved.

All exhibits shall be in place by 1 p. m. the opening day of the show, which will be staged under direction of the exhibition and classification committee of the Duluth Peony Society with R. S. McIntosh, executive secretary of the Minnesota State Horticultural Society, in charge as secretary of the show.

All peony blooms staged for competition must have been cut from plants owned by the exhibitor, except in the arrangements.

All entries must be staged by number only. Entry tags with class

number and entry number visible and the exhibitor's name concealed will be furnished on arriving at the show room.

The number of entries in each class is not limited, but only one prize will be awarded each exhibitor in any particular class. No exhibit can be entered in more than one class.

Prizes will not be given to unworthy exhibits, even if they are the only ones in their class, and the judges may award, at their discretion first and second prizes, even if they are the only ones in their class, and the judges' decision must be accepted as final.

Exhibitors are cautioned to show the exact number of blooms called for under each class. Lack or excess will disqualify the exhibit.

The American Peony Society Manual will govern type of bloom.

Shipping Directions—

No exhibit can be received at the exhibition hall earlier than one day prior to the show.

All exhibits to be staged by the owner should be addressed to himself in care of The Armory, Thirteenth Avenue East and London Road, Duluth, Minn., and sent by prepaid express.

All exhibits to be staged by the exhibition committee should be addressed to Exhibition Committee, The Armory, Thirteenth Avenue East and London Road, Duluth, Minn., and sent by prepaid express. Each specimen in these shipments should be carefully and permanently labeled and the class in which they are to be entered, indicated. A complete list of the contents of the shipment should be included with it, and a duplicate copy mailed to the exhibition committee.

Exhibits to be placed in cold storage should be addressed to the owner if he is to stage his own exhibits. If the exhibition committee is to do the staging, then to the exhibition committee; in either case, in care of the Northern Cold Storage & Warehouse Company, marked, "For Peony Show." No charge will be made for storage service.

All blooms sent to storage may be had at the exhibition room the day before the show if so desired.

GROUP ONE

(Not Open to Exhibitors in Group Two)

- Class 1. Collection of one hundred named varieties and not less than eighty, semi-double or double, one bloom each, shown in separate containers. Point score 40-20-10. Prizes—First, American Peony Society Gold Medal and \$50; second, \$35; third, \$25.
- Class 2. Collection of twenty named varieties, semi-double or double, three blooms each, each variety shown in a separate container. Point score 20-10-5. Prizes—First, \$12; second, \$8; third, \$5.

- Class 3. Collection of ten named varieties, semi-double or double, three blooms each, each variety shown in a separate container. Point score 10-5-3. Prizes—First, \$12; second, \$8; third, \$5.
- Class 4. Twenty blooms, one variety, white, semi-double or double, shown in one container. Point score 10-5-3. Prizes—First, \$12; second, \$8; third, \$5.
- Class 5. Twenty blooms, one variety, light pink, semi-double or double, shown in one container. Point score 10-5-3. Prizes—First, \$12; second, \$8; third, \$5.
- Class 6. Twenty blooms, one variety, dark pink, semi-double or double, shown in one container. Point score 10-5-3. Prizes—First, \$12; second, \$8; third, \$5.
- Class 7. Twenty blooms, one variety, red, semi-double or double, shown in one container. Point score 10-5-3. Prizes—First, \$12; second, \$8; third, \$5.
- Class 8. Three specimen blooms, white, named, semi-double or double, shown in one container, to represent the best white show variety. Point score 5-3-1. Prizes—First, \$7; second, \$5; third, \$3.
- Class 9. Three specimen blooms, pink, named, semi-double or double, shown in one container, to represent the best pink show variety. Point score 5-3-1. Prizes—First, \$7; second, \$5; third, \$3.
- Class 10. Three specimen blooms, red, named, semi-double or double, shown in one container, to represent the best red show variety. Point score 5-3-1. Prizes—First, \$7; second, \$5; third, \$3.
- Class 11. Collection of ten or more, named Japanese varieties, one bloom each, shown in separate containers, both number and quality to count. Point score 20-10-5. Prizes—First, \$7; second, \$5; third, \$3.
- Class 12. Collection of ten or more, named, single Chinese varieties, one bloom each, shown in separate containers, both number and quality to count. Point score 10-5-3. Prizes—First, \$7; second, \$5; third, \$3.

GROUP TWO

(Not Open to Exhibitors in Group One)

- Class 13. Collection of twenty named varieties, semi-double or double, one bloom each, shown in separate containers. Point score 10-5-3. Prizes—First, \$6; second, \$4; third, \$2.
- Class 14. Collection of ten named varieties, semi-double or double, one bloom each, shown in separate containers. Point score 5-3-1. Prizes—First, \$6; second, \$4; third, \$2.
- Class 15. (Not open to exhibitors in Classes 13 and 14.) Collection of five named varieties, semi-double or double, one bloom each, shown in separate containers. Point score 5-3-1. Prizes—First, \$4; second, \$3; third, \$2.
- Class 16. Three specimen blooms, one named white variety, shown in one container. Point score 5-3-1. Prizes—First, \$4; second, \$3; third, \$2.
- Class 17. Three specimen blooms, one named pink variety, shown in one container. Point score 5-3-1. Prizes—First, \$4; second, \$3; third, \$2.
- Class 18. Three specimen blooms, one named red variety, shown in one container. Point score 5-3-1. Prizes—First, \$4; second, \$3; third, \$2.
- Class 19. One specimen bloom, any named variety, semi-double or double. Point score 5-3-1. Prizes—First, \$3; second, \$2; third, \$1.
- Class 20. Collection of five or more, named single and Japanese varieties, one bloom each shown in separate containers. Point score 5-3-1. Prizes—First, \$4; second, \$3; third, \$2.

GROUP THREE

(Open to All Exhibitors)

- Class 21. Collection of varieties introduced in the year 1915 and later, any number, one bloom each, shown in separate containers, each labeled, showing name of variety, name of introducer and year of introduction. Point score 10-5-3. Prizes—First, \$7; second, \$5; third, \$3.
- Class 22. Seedlings. No money prize is awarded for competition in this class. The judging is done by the Standing Seedling Committee, and the following may be awarded: Certificate of Honorable Mention, First Class Certificate, Silver

Medal, and Gold Medal. The scale of points to be used in judging will be:

Color	25%
Form	15%
Size	15%
Distinctiveness	15%
Substance	10%
Stem	10%
Odor	10%
	<hr/> 100%

ARRANGEMENTS

- Class 23. Handle basket, diameter not over twenty inches, main feature to be peonies. Prizes—First, \$7; second, \$5; third, \$3.
- Class 24. Handle basket, diameter not over twelve inches, main feature to be peonies. Prizes—First, \$5; second, \$3; third, \$2.
- Class 25. Vase, any size, main feature to be peonies. Prizes—First, \$5; second, \$3; third, \$2.
- Class 26. Arrangement for a school room by a child under sixteen. Prizes—First, \$5; second, \$3; third, \$2.

SWEEPSTAKES

- Class 27. Best one specimen bloom, representing the best flower of the show, to be selected by the judges of both Group One and Group Two, from entries in all the classes. One prize. A place of special prominence will be arranged in which to place this flower after the judging is done. B. H. Farr Medal.
- Class 28. To the winner of the greatest number of points won in Groups Two and Three. One prize.
- Class 29. To the non-member of the American Peony Society winning the most points. Prize, membership in the American Peony Society for one year.

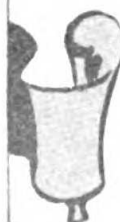
SPECIAL CLASSES

- Class 30. *The Garden and Home Builder* offers an "Achievement Medal" for the best new peony exhibited at the show. Award to be made by the Seedling Committee.
- Class 31. The American Peony Society offers a cash prize of \$1,000, for a new yellow peony, subject to the following conditions:
1. The plant must be a Chinese peony. Hybrids with other species are not eligible.
 2. The flowers must be double or nearly so.
 3. At least three blooms must be staged with stems twelve inches or more in length shown with foliage.
 4. Foliage, stem and size of bloom must be adequate. This provision is only meant to debar plants with conspicuous defects.
 5. The color must be a yellow, at least as deep as that of the central petals in a freshly opened bud of *Primevere* or *Laura Dessert*, and the flower must give the effect of being a true yellow peony, not a white or pink with a yellow center nor of a yellow fading to white.
 6. The judges may use their judgment in off-setting to some extent, one specification against another, for instance intensity of color against a lack of doubleness.
 7. The award shall be made at the annual exhibition of the American Peony Society by the members of the Standing Seedling Committee, not less than three participating in the decision, the exhibitor, if a member of the committee, not acting. The decision of the acting judges must be unanimous.
 8. The intention of the directors is to continue the offer of this prize for an indefinite period, but they may withdraw it or alter the conditions at any time.
- Class 32. Best one specimen bloom, representing the best red flower of the show to be selected from entries in all classes. One prize.



Officers
1900

Left to right, top row—W. F. Christman, Northbrook, N. Y., president; W. G. DuMont, Des Moines, Iowa.
Second row—Directors: Harry W. Claybaugh, Framingham, Mass.; Harry F. Little, Camillus, N. Y.; Brand, Faribault. (Officers are also directors.)



ers
10
s, Ill., secretary and editor; A. P. Saunders, Clinton,
la., v-pres.; and W. W. Cook, Clinton, la., treasurer.
klin, Pa.; Winthrop H. Thurlow, West Newbury,
Charles F. Wassenberg, Van Wert, O.; and A. M.
s of the Society.)

Class 33. Best one specimen bloom, representing the best Japanese flower of the show. One prize.

Class 34. Best one specimen bloom, representing the best single of the show. One prize.

ADVANCED AMATEUR CLASSES

The following classes are only for those who grow peonies mainly for personal pleasure or satisfaction, who employ no skilled labor in their care or handling, who do not advertise as growers by signs, stationery, price lists or catalogues, and whose expenditures for new varieties exceed all receipts for sales of flowers or plants.

Class 35. Collection of not less than forty nor more than fifty named varieties, semi-double or double, shown in separate containers, one bloom each. Prizes—First, Silver Medal, A. P. S., and \$25; second, \$15; third, \$10.

Class 36. Best collection of two blooms each of any ten varieties taken from the following list of American originated peonies, each variety in a separate container: *Mary W. Shaylor, Frances Shaylor, Walter Faxon, Ball o' Cotton, Mabel Franklin, Mrs. Edward Harding, Luetta Pfeiffer, Frances Willard, Elwood Pleas, Jubilee, Cherry Hill, E. C. Shaw, Lillian Gumm, Golden Dawn, Mary Brand, Karl Rosefield, Charles McKellip, Martha Bulloch, Phoebe Cary, Henry Avery, President Wilson, Longfellow.* Prizes—First, \$5; second, \$3; third, \$2.

Class 37. Best collection of two blooms each of any five varieties taken from the following list, each variety in separate container: *Lady Alexandra Duff, Le Cygne, Milton Hill, Solange, Therese, Tourangelle, Sarah Bernhardt, Albert Crousse, Felix Crousse, Philippe Rivoire, Kelway's Glorious, Mons. Martin Cabuzac.* Prizes—First, \$5; second, \$3; third, \$2.

Every known grower of peonies will receive special copies of the rules, shipping directions and Schedule of Prizes. Any grower whose name is not registered with the secretary of the American Peony Society should send name and address to Joseph Sellwood, 1420 East Fourth Street, Duluth, Minn., so that he may receive the literature of the show as it is printed.

The Duluth show will be staged in the Armory which furnishes ample space for the display and exhibits, with a gallery on three sides for spectators. Full information regarding hotel, garage storage and motor routes will be furnished in later literature to be sent out by the show committee through the regular information channels of the Duluth Chamber of Commerce.

HOTELS

	ACCOMMODATIONS		RATES	SERVICE
	People	Rooms		
Alexandria	80	40	\$1.50 and up	Telegraph Service
Arrowhead	125	70	\$1.50 and up	Telegraph Service
Cascade	200	125	\$2.00 and up	Telegraph Service
Hamilton	100	47	\$1.75 and up	Telegraph Service
Holland	300	150	\$1.50 and up	Telegraph Service
Hotel Duluth	1,000	400	\$2.50 and up	Postal Telegraph Office
Lincoln	200	100	\$1.50 and up	Telegraph Service
Lenox	400	225	\$1.50 and up	Telegraph Service
McKay	200	100	\$1.50 and up	Telegraph Service
Spalding Hotel	600	200	\$1.50 and up	Western Union Office
St. Louis	450	180	\$1.50 and up	Telegraph Service

Notes:

1. The Hotel Duluth has 20 rooms connecting baths; 20 two-room suites with bath; 10 four-room suites; 10 three-room suites; 35 rooms with twin beds and the balance doubles.
2. The Spalding has 2 suites of four rooms each and many rooms can have another bed room opening into them.
3. The Hamilton has 10 suites of two rooms and bath each.
4. The Holland has 3 suites of parlor, bed room and bath and each suite can have a bed room opening into it.

GARAGES

Auto Storage Garage.....	200 cars	Northern Motor Co.....	75 cars
Buck's Garage.....	45 cars	Overland-Knight.....	100 cars
Central Auto Garage.....	200 cars	Orpheum Garage.....	140 cars
Chester Park Garage.....	80 cars	Rent-a-Ford Garage.....	60 cars
Cook, H. L., Garage.....	75 cars	Rockhill-Buick Co.....	165 cars
Duluth Motor Arcade.....	150 cars	Riley's Garage.....	80 cars
Forty-fifth Avenue Garage.....	40 cars	Sterling Motor Co.....	150 cars
Fourteenth Avenue Garage.....	70 cars	Tourist Garage.....	50 cars
Garage Duluth.....	120 cars	Wahl's Garage.....	200 cars
Hemlock Garage.....	60 cars	Kreidler Garage.....	40 cars
Jenswold Garage.....	75 cars	Lord-Fisher.....	90 cars
Lakeside Auto Service.....	45 cars		

JUDGES

Open Classes—Harry W. Claybaugh, chairman, Franklin, Pa.; Dr. Earle B. White, Washington, D. C.; W. W. Cook, Clinton, Ia.

Alternate Judges—Will McClelland, Saginaw, Mich.; Henry J. Brook, Goodland, Ind.; C. W. Bunn, St. Paul, Minn.

Amateur Classes—W. G. DuMont, chairman, Des Moines, Ia.; Jacob Sass, Benson Station, Omaha, Neb.; Opha Jackson, Springfield, O.

Alternate Judges—W. L. Gumm, Remington, Ind.; C. F. Wassenberg, Van Wert, O.; E. W. Becker, Excelsior, Minn.



Medals Awarded, 1929, by the American Peony Society

Bronze medal (Farr Medal) awarded to Howard Watkins, Washington, D. C., June 5, 1929, for best peony displayed, *Tourangelle*.

Gold medal awarded Dr. Earle B. White, for best collection of not more than 100 varieties, peonies, open class, Washington, D. C., June 6, 1929.

Silver medal awarded Riverview Gardens, sweepstake prize, Minneapolis, Minn., June 25, 1929.

Silver medal awarded Nathaniel Bacon, for best collection advanced amateur class, Washington, D. C., June 6, 1929.

Silver medal awarded A. P. Saunders, for seedling peony, Challenger, Washington, D. C., June 6, 1929.

Silver medal awarded Mrs. H. S. Hilleboe, sweepstake prize, Sioux Falls, S. D., June 18, 1929.

Silver medal awarded T. C. Thurlow's Sons, sweepstake prize, Boston, Mass., June 22, 1929.

Achievement medal, The American Home, awarded A. P. Saunders, Clinton, N. Y., for his new peony, *Challenger*, Washington, D. C., June 6, 1929.

Silver medal awarded E. J. Berneche & Son, sweepstake prize, Portland, Ore., June 14, 1929.



Similarity of seedling to Solange illustrated above. The top vase is Solange, the lower left is Mr. Auten's seedling and the lower right a typical bloom of Solange.

A New Seedling Peony

By EDWARD AUTEN, JR., *Princeville, Ill.*

No doubt every person interested in peony breeding has wondered what the parentage of *Solange* was, and whether it would be possible to duplicate a variety both so fine and so peculiar in bud growth. Two years ago I secured a smaller bloom which embraced a wider range from white to creamy pink. But this year a plant appeared bearing the same greenish half-opened buds, and I watched it with more than the usual interest. The color was quite similar at first, but as the bloom developed, it showed more of the delicate pink and less of the creamy shade than *Solange*. The flower was larger and the petalage not so full and tight, really a good point, as there should be fewer spoiled blooms, in fact, this fault may be almost entirely lacking. It was quite fragrant, and all in all, a bloom of the very highest quality. But sad to relate, the long stems were crooked and too weak to support the bloom. It may be better in other years, as the plant gets older. I have no record of the parentage.



Auguste Dessert

By DR. F. G. BRETHOUR

In all the interesting comments on the peony, *Auguste Dessert*, in the last Bulletin, no one mentioned the fact that there is a red *Auguste Dessert* and a pink one. The first year M. Dessert listed this variety, I ordered two plants. They both looked alike in habit of growth with that peculiar mottled foliage. The flowers, however, were altogether different in color, although same in size and form. One was like Prof. Saunders says, a strawberry red—the other a pink without any trace of red. They both have the light tips on the petals. A friend who got one on the same shipment has the pink variety. The red is the prettier but the pink one is also very nice. I divided both these plants and re-divided them in time and they still retain their distinct colors. Evidently some who sent in their comments have the pink variety. It has been a mystery to me how there could be the two colors when the plants seem identical in every other way. Who can explain this?

Note.—There is a wide variation in the shading of this variety. See Peony Manual for contrasting views as to color.—EDITOR.

Further Notes on the Treatment of Peony Root Galls

By NELLIE A. BROWN

Associate Pathologist, U. S. Department of Agriculture

THE hot water treatment for killing nematodes in peony roots was continued another year and further confirmation was obtained of its effectiveness in killing the gall-producing worms.

Ten infested peony roots were treated in 1928, planted in sterile soil and kept under sterile conditions throughout the year. This fall they were dug and examined and found free from any infestation.

Twelve other nematode-infested roots were treated the same way and planted in sterile soil. These twelve were placed a few feet from plants of another genus with nematode-infested roots; when the peony roots were dug and examined this fall 8 of the 12 were infested with nematodes in varying degrees.

It can readily be seen that the treatment alone can not keep the roots free from nematode galls but care must be taken not to plant the roots in soil known to be infested.

HOT WATER TREATMENT

The treatment as given in a previous report, but which bears repeating, is as follows: Heat the roots in hot water at a temperature of 120 degrees Fahrenheit for 30 minutes. If a grower has steam facilities he could purchase a tank and heat the water in the tank by steam. Such a device is not necessary, however, for a simple boiler on top of a stove, an agricultural boiler, or a large iron pot with a wood fire under it in the yard can be used. Care must be taken to keep the water stirred and not allow it to go beyond a temperature of 120 degrees Fahrenheit.

Too much importance can not be laid on the necessity of destroying the galls on the fine roots that are cut off the main roots when they are divided. The eggs in these galls will produce millions of young nematodes. Then there is the importance of destroying the weeds between the rows of peony plants and at the edges of the garden, for the roots of weeds are nematode breeders.

STERILIZING AND ROTATION

Infested land areas from which the peony plants were removed can be cleaned up by steam sterilization but it is difficult and expensive.

Rotation for a few years of short growing crops is effective in greatly reducing the number of nematodes in the soil. Some crops that are immune or slightly resistant could be used such as barley, corn, millet, timothy, wheat, sorghum, cowpeas and rye. Three years of rotation is usually recommended, but fewer nematodes are left in the soil if a five-year rotation is carried out.

The use of chemicals for nematode eradication is still in the experimental stage.

I wish to take this opportunity to thank the peony growers who so kindly furnished the galled peony roots for the experiments with the hot water treatment.



Blooming Date of Peonies

Average from a six-year record kept by A. B. Cady, Waverly, N. Y. No variety in this list has less than three seasons of good flowers except *Le Printemps*.

May 24—*Tenuifolia* (single).

May 26—*Le Printemps*.

May 29—Tree Peonies.

June 6—*Officinalis rubra*.

June 7—*Officinalis rosea*.

June 12—*Edulis Superba*.

June 13—*The Bride*, Richard Carvel.

June 15—*James Kelway*, Octavie Demay, *Boule De Neige*.

June 16—*Duchesse De Nemours*, Germaine Bigot, Longfellow.

June 17—*Therese*, Asa Gray, *Lady Alexandra Duff*, Marie Jacquin, Mary Brand.

June 18—*Festiva Maxima*, Secretary Fewkes, Mons. Jules Elie, *Le Cygne*, *La Perle*.

June 19—*Sarah Bernhardt*, Eugenie Verdier, Felix Crousse, Emily Lemoine, *Jubilee*, Mme. De Verneville.

June 20—Marie Lemoine, Claire Dubois, Albert Crousse, Mons. Dupont, *Mont Blanc*, Marguerite Gerard, Mme. Calot, Baroness Schroeder, *La Roserie*, *Couronne D'Or*, *Chestine Gowdy*, *Reine Hortense*, *Primevere*.

June 21—Walter Faxon, Karl Rosefield, Henry Avery, *Avalanche*, Mme. Jules Dessert, Marie Crousse, Frances Willard, *La Tendresse*.

June 22—*Alsace-Lorraine*, Eugene Bigot.

June 23—*Jenny Lind*, *Venus*.

June 24—Mlle. Leonie Calot, *Toungelle*, *Rosa Bonheur*, Harriet Farnsley.

June 25—*Pierre Duchartre*.

June 26—*La France*, *Solange*.

June 29—*Grandiflora*.

NOTE.—Mr. Cady is located on the New York-Pennsylvania line at forty-second parallel.

Peony and Flower Shows

(Placed in order in which they are held)

NORTHWEST FLORISTS ASSOCIATION SHOW—March 22 to 24; Armory, Portland, Ore.

- PHILADELPHIA FLOWER SHOW—March 24 to 29, Commercial Museum, 34th Street below Spruce, Philadelphia, Pa.; B. B. Starkey, 911 Packard Bldg., Philadelphia, Pa.
- FOURTH ANNUAL CHICAGO GARDEN AND FLOWER SHOW—March 28 to April 5; Hotel Sherman, Clark and Randolph Streets, Chicago, Ill.; Frank W. Bering, Hotel Sherman, Chicago, Ill.
- THIRD CLEVELAND FLOWER SHOW—March 29 to April 5; Public Auditorium, Cleveland, O.; M. A. Vinson, 949 Union Trust Bldg., Cleveland, O.
- ELEVENTH NATIONAL FLOWER SHOW—March 29 to April 6; Municipal Auditorium, Minneapolis, Minn.; John Young, 247 Park Avenue, New York, N. Y.
- SHOW OF FLORISTS CLUB OF BALTIMORE, INC.—April 1 to 5; Hotel Alcazar, Baltimore, Md.; John E. Raine, 1200 St. Paul Street, Baltimore, Md.
- CENTRAL STATES GARDEN AND FLOWER SHOW—April 5 to 13; Stadium, 1800 West Madison Street, Chicago, Ill.; John A. Servas, 1800 West Madison Street, Chicago, Ill.
- PEONY SHOW—June 10 and 11; Pennsylvania Trust Co., Reading, Pa.
- SIOUX CITY GARDEN CLUB PEONY SHOW—June 13 and 14; City Auditorium, Sioux City, Ia.
- FEDERATION OF GARDEN CLUBS OF WISCONSIN—June 19, 20, 21, 22; Auditorium, Milwaukee, Wis.; President, Mrs. R. H. Malish, Box 13, Hales Corners, Wis.
- THE MIDWEST PEONY AND IRIS SOCIETY will give a peony exhibition in early June. Date to be announced later. Mrs. W. G. DuMont, secretary, 2700 Forty-ninth Street, Des Moines, Ia.
- THE NORTHWESTERN PEONY AND IRIS SOCIETY will give a peony exhibit as well as an iris exhibition in the cities of Minneapolis and St. Paul, Minn. Date to be established later. Mrs. H. B. Tillotson, secretary, 1320 S. E. Fifth Street, Minneapolis, Minn.
- SIOUX FALLS PEONY SOCIETY will hold its annual show in Sioux Falls, S. D., in early June. Date not yet determined. Mrs. Blanche M. Getty, secretary, 621 S. Minnesota Avenue, Sioux Falls, S. D.
- THE ANNUAL PORTLAND PEONY SHOW will be held in June, date to be announced later. Those interested write E. J. Berneche, Route 6, Box 504, Portland, Ore., for full information and prize schedule.
- London Ont.; Winnipeg, Man.; Washington, D. C., and many other points will doubtless hold peony shows.

Department of Registration

THE Society takes no responsibility as to the quality of the varieties registered here. A system by which new varieties can be officially rated and approved by the Society has been established and it is hoped that the difficulties inherent in dealing with the peony can be overcome.

The purpose of this department is to provide an opportunity for all growers to register the names of their new varieties which are being put on the market. To avoid duplication of names, every new named variety should be submitted to the secretary, who has a complete list of varieties now in commerce.

Lyman D. Glasscock, R. F. D. 2, Elwood, Ill., has presented the following variety for registration:

EDITH ARBEITER (L. D. Glasscock, 1929). Named in honor of the president of the Joliet Floral and Garden Club. A *Chinensis* peony, full rose, pink and white combination. Blooming season late. Large bloom with round buds. Medium stiff, short stem; foliage medium dark green. Pleasant odor.



NEW MEMBERS SINCE LAST BULLETIN

Adams, W. Carson, 4435 Clairmont Ave., Birmingham, Ala.
 Anders, Frank V., Kent, Conn.
 Aubin, Oscar C., 215 Bucklin St., Pawtucket, R. I.
 Carpenter, Mrs. J. C., Jr., 404 Allegheny St., Clifton Forge, Va.
 Clute, Prof. Willard N., Butler University, Indianapolis, Ind.
 Delmege, Mrs. R. H., 1615 Arlington Ave., Des Moines, Ia.
 Duluth Peony Society, 1420 E. Fourth St., Duluth, Minn.
 Flynn, Geo. H., Enderlin, N. D.
 Greaves, G. H., 2200 Doswell Ave., St. Paul, Minn.
 Harbour, Mrs. F. L., 45 S. Twentieth St., San Jose, Calif.
 Hottes, Alfred C. (Personal), Associate Editor, Better Homes and Gardens, Des Moines, Ia.
 Jahncke, Mrs. R. L., Hawthorne Lane, Des Plaines, Ill.
 Lapworth, Chas. A., 187 W. Chestnut St., Campello, Mass.
 Lawrence, Clyde E., 406 Woodsboro Drive, Royal Oak, Mich.
 Lockhart, Wm. J., 3900 Adams St., Des Moines, Ia.
 Macpherson, Dr. F. S., 9434 111th Ave., Edmonton, Alta., Can.
 McClain, Harry A., 235 Eighteenth St. N. W., Canton, O.
 Maxwell, Earl G., Douglas County Extension Agent, Court House, Omaha, Neb.
 Moffett, Louis B., Jr., Woodbury, N. J.
 Sellman, Mrs. W. A., Box 38, Egan, S. D.
 Smith, Mrs. Wm. C., 22 St. Nicholas Place, Ft. Thomas, Ky.
 Tunis, Mrs. N. K., Box 5, Danville, Ky.
 Vandenneuval, Mrs. John, Jamestown, N. D.
 Whaley, Geo. P., 1016 Oakland Ave., Ann Arbor, Mich.

CHANGE OF ADDRESS

Bigger, Myron D., change to read Route 9, Topeka, Kan.
 Jones, J. A., Greenville, Miss., add P. O. Box No. 307.

DEATHS REPORTED

Turnville, Frank N., London, Ont., Can. (Jan. 20, 1930).

Plant Combinations

Double pink and white tulips, double white narcissus, cheiranthus allioni, Siberian wallflower against a background of peony plants.

A mass of Oriental poppies between two large bushes of Harrison's yellow roses. "Oh! how gorgeous." As an early spring combination it surely is.

Clematis recta, lemon lilies, and a large flowered, tall growing, deep blue columbine.

A background of Dorothy Perkins and Excelsa roses, then a generous planting of regal lilies, gypsophila, and henchera or coral bells.

Spirea, "Bridal Wreath," Iris Gertrude, a beautiful blue variety, interspersed with a clear yellow columbine, and bordered with the early daisies.

Regal lilies springing up from a mass of the low growing Chinese delphinium.

Regal lilies planted in front of a mass of pink Valerian.

I am glad to see the regal lily growing in so many gardens. It is a really satisfactory garden lily, hardy and sure to bloom.

A mass of the light colored sweet rocket as a background for the old fashioned "Bleeding Heart," and Mertensia virginica.

Double blue Centaurea, "Bachelor's Buttons," with the perennial Coreopsis used as a cover when the iris are through blooming.

Tall blue and white Delphiniums with the old fashioned scarlet Lychnis. It is usually in bloom July 4th, so that part of the garden "Says it with flowers."—*Wisconsin Horticulture*.



Growing the Tree Peonies

By ELIZABETH SEYMOUR RAWLINSON, Staunton, Va.

CULTIVATION of the tree peony is a real test of gardening skill, according to some persons, yet occasionally we hear of a home gardener who has divided an old established clump without any difficulty, even as the herbaceous kinds are increased. However, the greatest peril lies in the propagation and occasionally a plant fails to become established in its new location, but when the roots have taken hold, the worst is over. Then follow the glorious flowers opening ten days or more earlier than the herbaceous kinds.

September and October are the best months for transplanting tree

peonies as well as the herbaceous kinds, and in soil requirements these two types do not differ greatly. The best results are obtained from trenching and thoroughly preparing the soil to a depth of two feet. If the subsoil is heavy, drainage may be necessary and sand can be added to a heavy soil to make it porous. Fill the trench with fibrous loam to which has been added old rotted manure at the rate of one part to nine of soil. In no instance should anything but thoroughly rotted manure be used and even this must be completely mixed with the soil.

It is important to choose carefully the location for planting tree peonies because their hardiness is somewhat dependent upon the degree of exposure to wind and sun in early spring. The reason is that the buds start into growth early and are, therefore, likely to be injured by late frosts. Hence, protection to the north and west against cold March blasts is necessary. Furthermore, it is best to choose the site so that the early morning sun does not shine on the plants, for buds chilled by a late frost should be allowed to thaw gradually before the sun strikes them. In fact, some gardeners prefer to grow tree peonies in partial shade. No pruning is necessary except to remove dead tips.

Tree peonies should be planted considerably deeper than the herbaceous varieties, the exact depth varying with the type of plant. Seedlings are well established on their own roots and therefore, need not be set very deep. Those which are grafted on Moutan stocks must be planted with only the terminal bud above ground and even then, suckers usually choke out the scion with the result that only common flowers are produced, often magenta colored. However, nearly all plants for sale today are either seedlings or grafts on herbaceous roots. They should be planted so that the unions are six inches or more below the surface and the terminal buds above ground.

Before planting the peonies, every trace of white mold should be removed and all rotted parts cut away. To further insure the health of the roots, they may be soaked in a five per cent solution of formalin followed by a rinsing in clear water. Care should be taken when treading the soil around the plants not to injure the roots. Heavy watering may be necessary if the soil is unusually dry.

Ample winter protection must be provided north of Boston, particularly for newly set plants, and even in milder sections of the country the shrubby tops should be covered with cloth or paper supported by stakes in the event of a late frost. No mulch should go on until the ground is frozen. Then, tie the branches together and either wrap the

plant in straw as is done with roses or surround it with wire netting and fill in with leaves. Uncover the plants late in spring.



Planting Peonies in Early September

The cultivation of peonies is sometimes regarded as difficult because newly-planted specimens fail to flower. This is a fault which disappears naturally with age.

P EONIES are not difficult to grow if you give them a generous start and bear patiently with their sparse production of bloom the first year or so. Plant them in well-drained, deeply-dug, and liberally-manured soil and they will not fail you. When once well established let the plants remain undisturbed and they will increase in beauty and productiveness as the years go by.

Planting may be done in September. If the soil be dry at the time of planting, give the plants a send-off with a heavy rose-watering can.

In their method of root production peonies differ somewhat from the majority of herbaceous perennials. It is not commonly understood that, whereas the latter may continue to make new roots during several months of the year, herbaceous peonies have two definite seasons during which this process is carried on. The first is that of September, when the main roots are formed. The second is in spring, when the fibrous roots appear on the autumn-produced roots. It is obvious, therefore, that peonies can be best established in new surroundings before the main roots are produced, and the early part of September may, therefore, be regarded as the ideal time for transplanting these plants. To disturb the plants between the first and second periods of root formation, although not actually harming the plants, is bound more or less to delay the thorough establishment of them in the soil. In the case of peonies, which are essentially shy of blooming for a year or so after transplanting, due attention to this matter of timely planting should do much to lessen this well-known failing.

It may conceivably be argued that nurserymen who are, or who should be, familiar with the peculiarities of peonies, always advocate the extended planting season of these plants. From their point of view the line they adopt is reasonable enough, because it gives them a much longer period in which to reduce their stock, and it is certainly better for intending growers to avail themselves of the increased time rather than wait for another year to elapse. At the same time, for the reasons given, the early part of September should always be chosen when circumstances

permit. It is hardly necessary to add that another factor for the better establishment of peonies is to secure for them right away a good rooting medium. This may be summed up in a few words. A deeply-dug soil that has been well enriched with a liberal supply of well-rotted manure and a good watering if the soil be dry at the time of planting.

In size, in form, and in color, modern peonies may be said to have reached a state bordering on perfection. Every shade of crimson, rose, and pink, from the deepest to the most delicate of hues, besides pure white, primrose, and cream, may be looked for in an up-to-date collection of these plants. As to variety and beauty of form, you may have large full double flowers with petals of glistening silk, or you may have those cup-like blooms with huge centers of threaded tufts. But if your choice rests with single kinds, there are those enchanting varieties with centers of gold threads resting in a surrounding of wondrous shell-like guard petals. Finally, instead of the somewhat unpleasant scent which characterized the flowers of the old-fashioned species you have in many kinds a fragrance which equals that of any tea rose.

Of the utility of peonies there can be no question. Their proved hardiness and general immunity from disease and insect pests renders them excellent subjects for the permanent border. Even when out of flower they have their handsome foliage to recommend them. They do well among shrubs, and even under trees so long as their rooting medium is in no way encroached upon. Peonies are also well adapted for growing in beds on lawns with spring-flowering bulbs planted freely among them.

Although the old double red peony has been superseded it is still often seen in cottage gardens.

It has been the custom of horticultural writers to admit that herbaceous peonies may be planted from September till March, and while it is quite true that the life of the plants is by no means jeopardized by transplanting them during the period named, it is equally true that the best results are achieved by planting peonies during a much more confined period; that is to say, as early in the month of September as possible.—*From Gardening Illustrated.*

Secretary's Notes

A PEONY BOULEVARD

THE Kansas City Amateur Flower Growers Association is setting an example worthy of emulation. A quarter of a mile of iris three rows deep, and on both sides of the street, making an actual planting of half a mile, has been accomplished. This iris border is on 77th Street from Holmes Boulevard to Troost Avenue. Instead of grass between the curb and sidewalk, the streets mentioned have been carefully planted with iris, arranged in color groups. The tall iris were planted in the center and all plants are a foot and a half apart, leaving ample room for development.

A peony planting could be accomplished in the same manner and with proper supervision would prove a splendid, living example of what could be done with our favorite flower. Iris would afford a wider range of color, but the massive bloom and lasting foliage of the peony would compensate, in a large degree, for this deficiency.

The rose has been used in a similar manner in Portland and its beauty enjoyed by thousands. Why not a peony boulevard, where thousands of pedestrians might enjoy their beauty, and a steady flow of traffic would be enthralled with such an unusual sight.

AN APPROPRIATE BIRTHDAY GIFT

What could be more appropriate for a birthday gift to some peony loving friend than to make them a member of the American Peony Society and present them with a copy of the peony manual? Some of our members are doing this very thing. To me this is a very thoughtful thing to do, as the manual will provide delightful and instructive reading and the bulletins will bring additional articles that will complete the year's cycle of peony pleasure. Has this thought ever occurred to you? Try it out and see how nicely it works.

OFFICERS AND DIRECTORS OF THE SOCIETY

It has been our intention for some time to present the likeness of each officer and director of the Society. After considerable effort, the modesty of some was overcome and we are pleased to present the group

in this issue. The present standing of the Society is due to the guidance of these men who have given much of their time and thought to the careful handling of its affairs. Several have spent the greater part of their lives in the growing and propagating of peonies and are acknowledged peony experts. A splendid likeness of Mr. James Boyd, who served faithfully on the board for so many years, appeared in Bulletin No. 40.

VISITING PEONY SHOWS AND GARDENS

By the time this Bulletin is received, peonies will have appeared in many gardens, and in a short time their beautiful bloom will again grace our tables and exhibition halls. With the exhibition gardens that are being started in various parts of the country and the many large plantings of peonies, it will be possible to visit them and study the merits of the many splendid contributions to peonydom. Plan to visit, and exhibit, if at all possible, at any peony show held in your locality.

A REQUEST FOR ARTICLES

One of our members in renewing his membership stated that one issue of the Bulletin was worth the yearly dues. While we appreciate this splendid compliment, we do feel that the four issues during the year are well worth the yearly dues, and it will be our aim to constantly make these Bulletins of more value to you. In doing this, we need your assistance in the way of timely articles and suggestions that will aid us in presenting interesting information. Do not get the impression that there is nothing more to say about the peony than has already been touched upon. There are several methods of handling peonies both in storage and propagation that have only been slightly expounded. Methods used ten or fifteen years ago have been superseded. Great progress has been made in propagating new varieties. Considerable advance has been gained in originating new species and crosses. Handling of diseases is more generally understood. Methods of distribution are better known. With each advancing year we are met with new problems of marketing, due to keen competition. How are we to meet them? We could go on at length citing subjects from which splendid articles could be written. I personally know that we have in our membership list an array of talent, fully capable of giving us some new views on old subjects; brand new ideas that have never occurred to us before or that have been presented in the Bulletin; helpful suggestions, brimming full of advice and counsel. Unfortunately, the Society is not in a position at present to offer a com-

pensation for such effort, but for the good of the cause I earnestly hope I may receive a number of articles that I personally do not have to solicit. A compliance with this request will result in better Bulletins and a definite time for publication and mailing. CAN I COUNT ON YOU?

PAYMENT OF DUES

Dues are coming in daily but there are still a number who have failed to remit for the year 1930. Again let me remind you that *dues are payable in advance*. Your kindness in mailing remittance will be greatly appreciated. We wish to thank the many members who have already remitted and assure you that your promptness is gratifying.

How do you like our new cover for the Bulletin? Your comments and suggestions will be appreciated. We feel that the present cover is a decided improvement.

TRIAL GARDENS AT URBANA, ILL.

We are presenting in this issue a list of the peonies at the trial gardens at Urbana, Ill., and those that are desired. Those varieties marked with an asterisk (*) are at present in the trial beds.

Any information as to the origin or date of origin of any of the varieties listed will be appreciated. It is also known that some of the names are synonymous and the purpose of this trial garden is to discover any duplications. These gardens are open to the members of the American Peony Society and others interested. Many of the specimen plants will be two years old and some three this year and characteristic bloom should be developed.

Anyone wishing to visit the garden at Urbana, Ill., at the height of the blooming season should write to Mr. F. F. Weinard, Associate Chief, Floricultural Physiology, Urbana, Ill., advising him of your intention to visit the trial garden and he will be pleased to advise you the best time to come to see the bloom.

We trust our members who have any of the varieties not at present in the garden, will donate a specimen for this worthy cause.

Every commercial grower should be interested in the Commercial Peony and Iris Growers Association and membership will be found to be of value. Write the secretary, H. T. Beckmann, Van Wert, O., for full particulars.

A request was made in the last Bulletin to send in notice of any peony meetings or exhibitions to be held during the coming season. Only

a few have responded to this call. It is our desire to keep in close touch with all such exhibitions so that we can keep the members advised.

Mild weather in February, (a record of 60 years being broken in this section), caused some uneasiness as peonies started to grow, some even venturing an appearance above ground; *Lady Alexandra Duff* was one of the venturesome ones.

THE DULUTH, MINNESOTA, SHOW

For several years the peony growers of Duluth have been planning on holding the annual show of the American Peony Society. The prize schedule will be found in this issue as well as other information of interest to those planning to attend. A fine exhibition is assured and you will surely miss a fine treat if you do not attend. Make Duluth a stopping point in your itinerary so that you can attend the exhibition. The date will be announced later.

Duluth has an unique location at the head of Lake Superior. Situated on a hillside, overlooking the great lake, the city is built along the shore for many miles. The cool breezes from the lake are always refreshing.

The Chicago, Milwaukee, St. Paul & Pacific R. R. will attach a special car or cars to the Pioneer Limited leaving Chicago, Ill., at 6:30 p. m., arriving St. Paul, Minn., 7 a. m. the following morning and Minneapolis 35 minutes later. The day can be spent in the Twin Cities, leaving Minneapolis at 4:30 p. m., arriving Duluth at 8:30 p. m. the same evening. One way fare to Duluth from Chicago, \$16.41. Any member desiring this service should address this office a week prior to departure so arrangements can be made for special service. At least 15 persons are required for a special car.

COLORED LANTERN SLIDES

Anyone interested in colored lantern slides of peonies should address Mrs. Preston L. Rice, The Cabin Gardens, Kent Hills, Grand Rapids, Mich. She has a number of color slides of worth-while peonies that she will sell at a very reasonable price.

THE GRAVELY TRACTOR

We are pleased to present in our advertising section a very good illustration of the Gravelly tractor cultivator. We have found this a most satisfactory power cultivator and it has met every test to which we have put it. It is possible to work between peonies at any season of

growth without damage. Anyone contemplating the use of a power cultivator will do well to investigate the merits of the Gravelly.

PROPAGATING TENUFOLIA AND OFFICINALIS SPECIES

In the last issue of the Bulletin a member desired to know the best method of propagating these species. Mr. W. O. Creager, Sumner Nursery, Sumner, Iowa, writes us as follows:

"We use same method as with any other peonies only we must be more careful in handling the roots. Very little cutting needs to be done. After dividing, proceed as with other peonies, at least that is our way, and we have had the same results as with the above. Our hardest propagator is *Richard Carvel* of over 250 varieties. We would like to hear from others on this. Perhaps our original stock was diseased. Our soil is black with clay sub-soil about 6 to 8 inches."

It is evident that Mr. Creager's original stock was diseased as we find *Richard Carvel* a good propagator. Let us have your views on this subject.

SPRING FLOWER SHOWS

There are doubtless many peony shows that will be held this spring of which this office has not been notified. The list we are presenting will be found helpful to flower lovers throughout the country. We hope that other reports will be received so that we can present an additional list in the next issue of the Bulletin.



Color in the Garden

By KATHLEEN STILES SPURWAY

PLANNING a color scheme for the flower garden is not the least delightful part of the season's work, affording as it does, a splendid opportunity for artistic expression. Planted in "hit-and-miss" fashion a garden loses much of its effect, though time and money have been spent upon it. With a little forethought and a measure of attention given to a few simple rules, beauty of color and symmetrical, though informal, design may be so skillfully combined as to form one complete and harmonious whole.

From a gardening angle the frame built house is an enviable possession. Not only does its suggested air of rusticity add to the natural

note so eminently desirable in the garden, but it may itself be successfully drawn into the color scheme. Painted in soft, cream colored or yellow tones, it forms a most effective background for the picture, especially if offset by a dark green foliated creeper or vine upon its walls. Even the fence posts and the ubiquitous, though not always artistic, garage may be made to further one's expression of color sense in this way.

A point overlooked by many in planning the garden of tasteful color is the suitability of flowers planted nearest the house. Too often pink and red blooms are seen against red brick, so that much of their beauty is lost in insignificance. For the best results yellow and blue, with white, should be used.

COLOR EFFECTS

The location of the garden, whether in sun or shade, may well be made a deciding factor in the choice of color scheme. A crimson or scarlet garden or flower bed, flooded in brilliant sunshine, while attractive to the eye, is neither refreshing to the spirit nor soothing to the nerves. On the contrary, shadowy blues or pastels and gray-green foliage will impart a gratefully restful impression of coolness, even on the warmest of days.

Although, owing to its foreshortening effect, yellow is best used in the foreground, a selection among perennials of yellow and white chrysanthemums, dahlias, golden helium, yellow iris, white anemone and Shasta daisies, relieved by blue delphiniums or lupins, and enlivened with a splash of pink or deep red Oriental poppies, is very pleasing. A plentiful sprinkling of annuals should be added to fill up the spaces. Of these, grandmother's beloved calendula in lemon yellow and orange, the gracefully waving yellow and maroon calliopsis, yellow and white dwarf zinnias, rich yellow bartonia with its grayish-thistle-like foliage, and tiny tagetes, will provide a wealth of bloom from early summer to late fall, and an abundance of cut flowers in addition.

In a color scheme such as the above, and where the colors are evenly distributed, mixed ageratum, light pink petunia, and pink dianthus may be used to advantage to prevent monotony, always taking care to avoid placing pink and yellow together, unless the latter is of the palest. In this case, the effect will be one of extreme delicacy. Lavender shades may also be introduced as foils.

Somewhat difficult of achievement, yet of an all-compensating beauty when successful, a gradated color scheme will prove of absorbing

interest. Here, taking Nature as the unfailing guide, endeavor is made to keep the most vivid colors in the foreground, allowing them to range through the gradations of the color scheme chosen, until the tones are almost lost in an indefinite mystery of gray and purple. The blue garden especially lends itself to this treatment, the soft blue tones themselves possessing the requisite effect of shadow, brought to perfection by the addition of grayish-green and feathery foliage. Where space permits, a succession of two or more colors may be used, selecting those which may be said, as in the case of yellow and blue, to be the complement each of the other. The palest shades at the end of one gradation will easily associate with those of the next, and will link the two schemes in a charming manner. In such a garden as this complete success can scarcely be hoped for in one season, but the true gardener will overcome its disappointments, and, persistently patient, will revel in its ultimate attainment.

SELECTION OF ANNUALS

Those who, not being home owners, find annuals alone practical, inasmuch as they yield quick results at small expense and are not permanent, have an almost bewildering number of varieties from which to choose. Alonzo, with a fair quantity of sweet alyssum and a little ageratum—Blue Perfection variety—makes an effective and easily acquired plan. In general, however, the mixed colors among the annuals may, with safety, be relied upon to provide their own color scheme. Massed petunias, the improved zinnias, old-fashioned, though uncommon, scabiosa, and salpiglossis are all that can be desired. The latter especially deserves greater popularity, being unexcelled for cutting, its velvety blooms in many rich shades each delicately pencilled with gold. Such marking is rare. Sun-loving little portulaca, too, gives an unusually wide and beautiful range of color.

FOLIAGE EFFECTS

Plants grown solely for foliage effects have their place in the color scheme of the garden. Of these, given a fair amount of room at the back of the border, or used as a screen for unsightly places, amaranthus will prove both novel and ornamental. There are several kinds from which to choose, among the most interesting being Tricolor or Joseph's coat, with leaves of red, yellow and green, of greater brilliance, strangely enough, if grown in poor soil; Caudatus, or love-lies-bleeding, with long, drooping plumes of wine-red flowers; and Sunrise, the tops of which

are brilliant crimson, while the lower leaves are dark maroon. In the fall months a group of these tall plants will present a glory of vividly contrasting colors.

PRESERVATION OF HARMONY

Always, if true beauty is desired, even though no rigid color scheme is adhered to, the preservation of harmony should be the gardener's aim. Light red should be used with caution. Not always associating happily with other shades, and with a tendency to create stiffness, it is better confined to massed beds in shady locations. Dark red, almost maroon, as in some hollyhocks, snapdragons, and the everlasting globe amaranth, may be freely used, as also the rich orange tones, provided they have yellow or white neighbours. Where pink predominates white and lilac tones are agreeable, and in a mixed bed pink and blue may be lavishly displayed. White flowers should be plentiful as they not only serve to separate warring colors, but also to enhance the richness and strength of others. Even that most glaring creator of discord, the scarlet lychnis, is faultless when allied with white.

EXPERIMENTING FOR EFFECT

Every gardener worth the name finds stimulation in experiment but much chagrin may be avoided if, where possible, a small plot is given over to this purpose. Seed merchants, in common with all mankind, are prone to err; Nature herself is not averse to trickery at times. Only with the specimens in bloom before one's eyes can one tell just how blue the "heavenly blue" of the seed catalogs will be; how delicate the "delightful shade of pink," and so accord it a harmonious setting in the color scheme of the garden.—*The Flower Garden.*

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BULLETIN GUILD

125 Great Oak Lane
PLEASANTVILLE, NEW YORK

The New Peony Manual

HAVE you received your copy? If not, you are passing up a wonderful opportunity to secure a most valuable addition to your library. This book is an encyclopedia of peony facts obtainable from no other source.

We are glad to have the privilege of quoting from a letter addressed to James Boyd, editor of the Manual, written by Charles E. F. Gersdorff of Washington, D. C. Mr. Gersdorff is perhaps better known to gladiolus growers from his writings in the *Gladiolus Bulletin*. We are pleased that we can expect contributions from him on the peony in the future. We quote as follows:

“ I have a hazy recollection of having written you some ten years or more ago about purchasing iris. In all that time I have had a love for the peony, but was never able to gratify the love in the usual substantial way, owing to my many other social activities.

I feel very much ashamed that I was not a member of the American Peony Society until this year, particularly since receiving that most wonderful piece of work, 'The Manual of the American Peony Society.'

Since receiving my copy it has accompanied me to my office each day, and believe I have gone over the matter contained therein certainly at least once a day, and perhaps oftener, each time finding some additional matter of interest and value. I feel at this rate I will soon wear out my copy.

Every present member and everyone to come will owe you a lasting debt of gratitude for this fine book.

I am glad for one that you did not realize the amount of work involved until you had gotten well into it. ”

This is one of many letters received in praise of the book. Your copy can be mailed promptly. Don't hesitate longer as it will aid you in making your fall selection of planting stock. The book makes an ideal gift to a peony loving friend.

The price to members is \$5.00 per copy; to non-members of the American Peony Society, \$6.00; the Manual, including membership, \$8.00.

Address all orders to

W. F. CHRISTMAN, Secretary
NORTHBROOK, ILL.