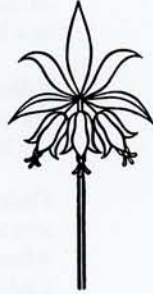


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The collection of pomological watercolors at the U.S. National Arboretum

James J. White and Erik A. Neumann

NUMEROUS ARTISTS were employed by the United States Department of Agriculture at the turn of the century. Before the widespread use of color photography, these artists created a massive record in watercolors of new fruit introductions. A number of these watercolors were reproduced to illustrate a regular series by William A. Taylor entitled "Promising new fruits" that appeared in the *Yearbook of the United States Department of Agriculture* between 1902 and 1913. Many others were never published.

Representing 38 plant families (see Appendix II), the Department of Agriculture collection of 7,177 paintings is now housed in the herbarium of the U. S. National Arboretum, Agricultural Research Service, U. S. Department of Agriculture, Washington, D.C. The color reproductions of botanical subjects published in the yearbooks are listed in Appendix III. Some of these are based on watercolors at the Arboretum. Many, perhaps 40%, are designated types¹ and some of the paintings may be the only illustrations of the cultivars they represent. The quality of draftsmanship in these artworks is uneven, but there are hundreds of superb examples which are pleasing and technically accurate.

With titles such as clerk, modeler, botanical artist, and associate botanist, the illustrators who seem to have been most closely associated with the pomological

collection include Mary Daisy Arnold, J. S. Bruce, Arthur M. Fitzpatrick, Bertha Heiges, Louis C. C. Krieger, Elsie E. Lower, Amanda A. Newton, Deborah G. Passmore, W. H. Prestele, Ellen I. Schutt, James M. Shull, Royal G. Steadman and Harriet L. Thompson. For the names of over 50 Department of Agriculture illustrators, many represented in the collection, see Appendix I. A detailed survey of the collection would reveal much additional information about the artists involved and the dates of their work.

Among the identified illustrators, one of the least known is William Henry Prestele.² His father, Joseph (1796-1867), was born in Jettlingen, Germany, and had been head gardener for King Ludwig of Bavaria, artist for botanist Karl Friedrich Philipp von Martius at Munich, and, in America, lithographer for Asa Gray, reproducing the botanical drawings of Isaac Sprague. Hand-colored lithographs by Joseph are included in some copies of Andrew Jackson Downing's *The fruit and fruit trees of America*, published from 1845 to 1900. In the 1860s William prepared a series of 29 paintings of North American species of wild grapes for a projected monograph by T. V. Munson, a well-known viticulturist. Photographs of these paintings were exhibited at the Columbian Exposition in Chicago (1893), and the originals are now located in the Department of Agriculture Fruit Labora-

tory, Horticultural Science Institute Beltsville, Maryland.

The biographical record is most complete for Louis Charles Christopher Krieger, who trained as an artist in Baltimore and Munich. At age 18 he began his career under Dr. Thomas Taylor, microscopist at the Department of Agriculture, making watercolor illustrations of fungi found in the vicinity of Washington, D.C. and copying plates from European mycology books. From 1902 to 1912 he worked for Professor William G. Farlow of Harvard University, where approximately 350 of his paintings of

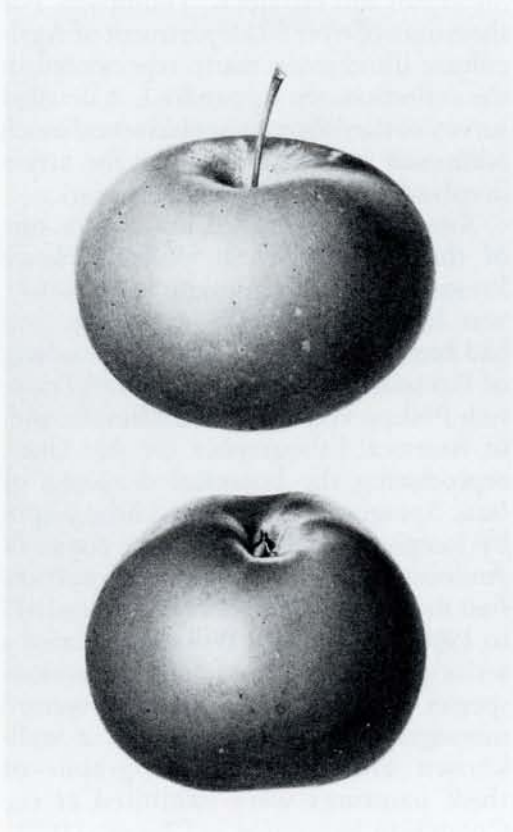


Figure 1. Watercolor of 'Kentucky Crabb' by R. G. Steadman, 1920.



Figure 2. Watercolor of black raspberry 'Gault' by D. G. Passmore.

fungi remain (Geraldine C. Kaye, pers. comm., 29 January 1981). In 1929, 23 of his paintings were published in *Icones Farlowianae* (the other 80 plates in that work are by Joseph Bridgham). Under David Griffiths, who was investigating the forage possibilities of prickly pears, Krieger illustrated *Opuntia* at the Plant Introduction Garden, Chico, California, between 1912 and 1917. In 1918 he made medical illustrations for Dr. Howard A.



Figure 3. Watercolor of grape cultivar 'Brighton' by R. G. Steadman.

Kelly, a Baltimore physician interested in mushrooms. Krieger was helpful in collecting Kelly's mycological library, which contains 331 of his own paintings of fungi and is now in the herbarium library of the University of Michigan. After a brief stay as mycologist at the New York State Museum, Albany, Krieger returned to the Department of Agriculture to illustrate sugar cane



Figure 4. Watercolor of strawberry 'Mary' by D. G. Passmore.

diseases for the Tropical Plant Research Foundation in Cuba. In 1929 he returned to the Department yet again to work under Griffiths, who was involved with the cultivation of bulbs for American nurserymen. Many of Krieger's paintings of fungi and phanerogams are preserved in the Mycology Laboratory, Beltsville; three are located at the New York State Biological Survey, Albany (Kathryn M. Conway, pers. comm., 30 April 1981). Krieger, who had become an authority

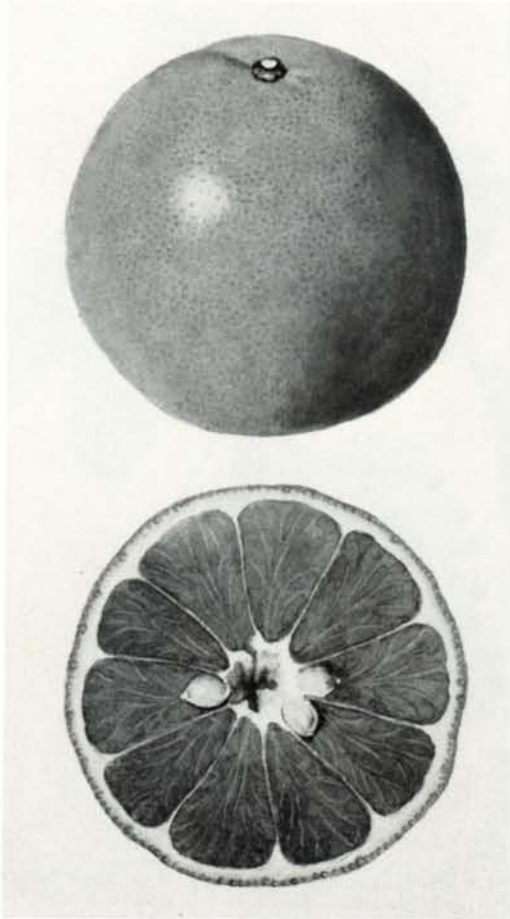


Figure 5. Watercolor of tangelo 'Seminole' by J. M. Shull.

on Basidiomycetes, wrote an article for *The national geographic magazine* accompanied by 16 of his own illustrations. He also wrote a history of mycological illustration and a guide (reissued as *The mushroom handbook*) to the higher fungi of New York state.

James Marion Shull worked in Washington, D.C. as dendrological illustrator with the U. S. Forest Service (1907-1909); as botanical artist with the Bureau of Plant

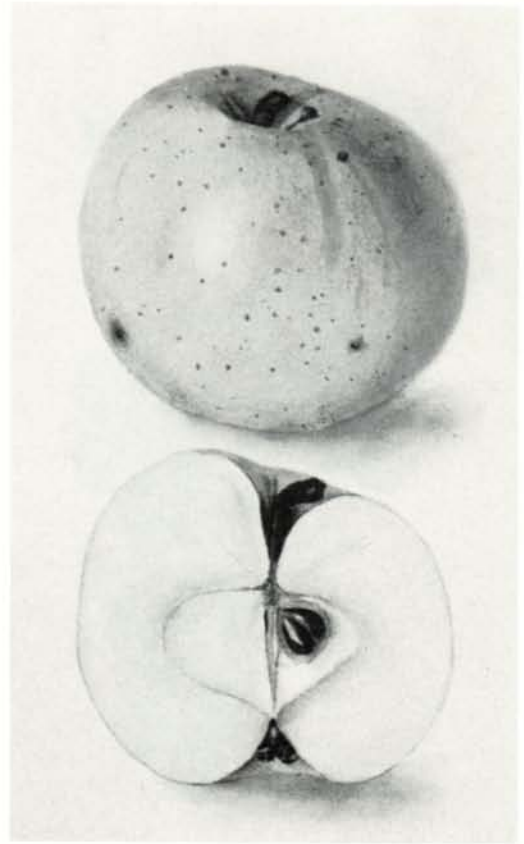


Figure 6. Watercolor of apple 'Kinkead' by E. E. Lower, 1908.

Industry (1909-1925); and as associate botanist there (1925-1942). He bred new varieties of *Iris* and *Hemerocallis*, wrote *Rainbow fragments, a garden book of the Iris* (1931), and illustrated for *Country life* and *Ladies home journal*.

Deborah G. Passmore, trained in Philadelphia and in Europe, was persuaded by W. W. Corcoran, founder of the Corcoran Gallery of Art, to open a studio in Washington, D.C. Inspired by the plant illustrations of Marianne North (active 1872-1885) at The Royal Botanic Gardens, Kew, Passmore began illustrating "Wild-

flowers of America," which remains as an unpublished folio of watercolors now at the National Agricultural Library, Beltsville. She prepared paintings for exhibitions at the Centennial Exposition in Philadelphia (1876) and at the Columbian Exposition in Chicago (1893).

Biographical information is meager for a number of the Agriculture artists because records prior to 1921 at the National Personnel Record Center in St. Louis were destroyed in accordance with regulations. Of Royal G. Steadman, one of the most competent artists, all that we have is a 1931 government memo regarding classification of artists. Of Mary Daisy Arnold we have only an obituary notice which reveals that she studied painting in New York and in 1904 began a 40-year career with the Department of Agriculture.

Paintings by the Agriculture artists are also found elsewhere and include: Over 325 watercolors, mostly by Krieger but some by Cowing, Gamble, Hartley, King, Lower, Mayo, McMillan, Newton, Rea, Shull, and Steadman, in the Mycology Laboratory, Beltsville; a few examples by Brewer, Mayo, Sedgwick and Swann in the Fruit Laboratory at Beltsville; four cactus drawings dated 1907 and 1908 by Newton, Schutt, and Passmore in the Department of Botany, Smithsonian Institution; a 'Satsuma' orange by Prestele and a 'Shipper's Pride' plum by Steadman at the Hunt Institute; and mycological sketches by Rea in the herbarium library at the University of Michigan. A collection of large watercolors of grape cultivars by Charles Lewis Fleischmann is also preserved in the Fruit Laboratory at Beltsville. Seventy-two original illustrations by Walter H. Snell for *The Boleti of north-eastern North America*, as well as 200 of his other paintings, are in the Mycology

Laboratory.³

The National Arboretum collection of pomological watercolors is a national resource of great importance to the history of fruit culture in the United States.

ACKNOWLEDGEMENTS

The foresight and concern of botanists such as Dr. Albert A. Piringer, horticulturist and previously Assistant Director of the National Arboretum, and Drs. Theodore R. Dudley and Frederick G. Meyer, Research Botanist and Supervisory Botanist, respectively, at the Arboretum Herbarium have insured the preservation of this great but little-known and under-utilized collection.

Acknowledgement is also made of Dr. John McGrew, Research Plant Pathologist, Fruit Laboratory, and Dr. Vivian Wiser, Historian, Agriculture History Branch, both of the U.S.D.A.

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NOTES

1. Letter from George H. M. Lawrence to Albert Piringier, 6 June 1969.
2. Charles van Ravenswaay, Director Emeritus, The Winterthur Museum and Garden, has completed a manuscript on the *Presteles*.
3. Neither Fleischmann nor Snell was an employee of Agriculture, but the temptation to cite these important collections could not be resisted.

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APPENDIX I

Some U. S. D. A. Artists, Late 19th–Early 20th Century

- Anderson, F. W. (active 1888)
 Arnold, Mary Daisy (b. District of Columbia *ca.* 1873, d. Maryland 1955, active 1904–1944)
 Baker, M. D.
 Baldwin, A. H. (active 1896–1900)
 Beager, Charles (active 1889)
 Betts, H. M. P. (active 1914)
 Blanchard (active 1905)
 Boettcher (active 1904–1909)
 Bradshaw, M. F. (active 1890–1892)
 Brewer, James F. (b. District of Columbia, active 1905–1915)
 Bruce, J. S.
 Chase, Mary Agnes (b. Illinois 1869, d. Maryland 1963)
 Comstock, Anna B. (active 1880)
 Cowing, Roberta (b. Indiana, active 1887–1920)
 Dennis, W. H. (active 1897)
 Eldridge, M. O. (active 1897)
 Fitzpatrick, Arthur M. (b. Minnesota, active 1915)
 Flournoy, P. P. (active 1896–1898)
 Fuertes, Louis A. (active 1903–1908)
 Gamble, Rose E. (b. England, active 1918–1921)
 Gill, Mary Wright (b. 1866, d. 1929)
 Hains (b. 1898)
 Hartley, M. S. (active 1912)
 Heideman, Otto (active 1896–1898)
 Heiges, Bertha (b. Pennsylvania, active 1896–1907)
 Holm, Hermann Theodore (b. Denmark 1854, d. District of Columbia 1932)
 Howard, G. H. (active 1896)
 Hughey, Leta
 King, Charlotte M. (b. 1864, d. 1937, active from 1911)
 Krieger, Louis C. C. (b. Maryland 1873, d. District of Columbia 1940, active 1891–1940)
 Lamson-Scribner, Frank (b. Massachusetts 1851, d. District of Columbia 1938)
 Lower, Elsie E. (b. Pennsylvania, active 1900–1909)
 Marx, George (active 1879–1892)
 Mayo, Katherine A. (b. Minnesota, active 1890–1891)
 McMillan, Mrs. George E. (active 1917)
 Morrison, Benjamin Y. (b. Georgia 1891, d. Mississippi 1966)
 Muller, Frank (active 1891–1897)
 Mullett, Mrs. George M.
 Newton, Amanda A. (active 1896–1928)
 Owen, F. D. (active 1884)
 Pain, W. (active 1903)
 Passmore, Deborah Griscom (b. Pennsylvania 1840, d. District of Columbia 1911, active 1892–1909)
 Prestele, William Henry (b. Germany *ca.* 1836–1843, active 1860–1895)
 Proctor (active 1900)
 Rea, Marian
 Ridgeway, John L. (active 1894–1899)
 Riley, C. V. (active 1881–1882)
 Salmon, Daniel E. (active 1878–1881)
 Scholl, W. R. (active 1888–1900)
 Schutt, Ellen I. (b. Virginia, active 1904–1914)
 Sedgwick, J. (active 1916)
 Shull, James Marion (b. Ohio 1872, d. Maryland 1948, active 1906–1942)
 Steadman, Royal G. (b. Maine, active 1916–1931)
 Stowell, L. R. (active 1890)
 Stüch, E. H. (active 1900)
 Sullivan, Lillie (active 1883–1887)
 Swann, Eliza C. (b. Pennsylvania, active 1895–1897)
 Taylor, Thomas (active 1885–1890)
 Thompson, Ernest Seton (active 1892)
 Thompson, Harriet L. (b. Illinois, active 1915)
 Walpole, Frederick Andrews (b. New York 1861, d. California 1904)
 Weintraub, Frances Carnes (b. 1914)
 Whitehorn, Edna May (active 1930)
 Williams, Adele Fay (active 1905)
 Williams, L. C. (active 1897–1900)
- In addition we have seen the following initials on artworks: JNB (1903–1904), BF (1902), BJ (1908), JAH (1908), SP (1897), EAS (1887), JFS (1905–1908), JHS [Schreiber?] (1900–1905), W. T. [William A. Taylor?] (1886) and LHW (1896). No doubt the list is incomplete.

APPENDIX II

Numbers and Subjects of U.S.D.A. Pomological Watercolors
at National Arboretum

ANACARDIACEAE

- 3 *Anacardium occidentale* L. Cashew
- 1 *Harpephyllum caffrum* Bernh. ex. C. F. Krauss
Kafir-plum
- 80 *Mangifera indica* L. Mango
- 1 *Spondias purpurea* L. Purple or red mombin,
Spanish-plum
- 1 *S. sp.* Scarlet plum

ANNONACEAE

- 5 *Annona cherimola* Mill. Cherimoya
- 8 *A. reticulata* L. Custard apple, Bullock's-heart,
Corazon
- 3 *A. squamosa* L. Sweet sop
- 1 *Asimina triloba* (L.) Dunal Pawpaw

ARACEAE

- 1 *Monstera deliciosa* Liebm.

ARAUCARIACEAE

- 1 *Araucaria sp.* Pine-nut

ARECACEAE

- 1 *Hyphaene thebaica* (L.) Mart. Egyptian doum
palm
- 2 *Phoenix dactylifera* L. Date

BETULACEAE

- 2 *Corylus sp.* Hazelnut, Filbert

BOMBACACEAE

- 2 *Adansonia digitata* L. Baobab, Monkey-bread
tree

BROMELIACEAE

- 5 *Ananas comosus* (L.) Merr. Pineapple

CACTACEAE

- 3 *Opuntia sp.* Prickly-pear

CARICACEAE

- 2 *Carica papaya* L. Papaya
- 1 *C. quercifolia* Benth. & Hook.

CARYOCARACEAE

- 1 *Caryocar nuciferum* L. Souari-nut

COMBRÉTACEAE

- 1 *Terminalia catappa* L. Tropical- or Indian-
almond, Myrobalan

CORNACEAE

- 1 *Nyssa ogeche* Bartr. ex Marsh Ogechee-lime

CUCURBITACEAE

- 3 *Citrullus lanatus* (Thunb.) Matsum. & Nakai
Watermelon
- 2 *Cucumis melo* L. Honeydew melon
- 7 *Sechium edule* (Jacq.) Sw. Chayote
- 2 *Sicana odorifera* (Vell.) Naud. Curuba, Cassa-
banana

DILLENIACEAE

- 1 *Actinidia kolomikta* Maxim

EBENACEAE

- 106 *Diospyros sp.* Persimmon

ERICACEAE

- 4 *Vaccinium macrocarpon* Ait. Cranberry

FAGACEAE

- 1 *Castanea sp.* Boone chestnut

GUTTIFERAE

- 3 *Garcinia mangostana* L. Mangosteen
- 1 *Mammea americana* L. Mamey, Mammee-
apple

JUGLANDACEAE

- 13 *Carya sp.* Hickory
- 13 *Juglans sp.* Walnut

LAURACEAE

- 99 *Persea sp.* Avocado

LEGUMINOSAE

- 1 *Ceratonia siliqua* L. Carob, St.-John's-bread
- 1 *Tamarindus indica* L.

MALVACEAE

- 4 *Hibiscus sabdariffa* L. Roselle, Jamaica-sorrel

MORACEAE

- 1 *Cecropia palmata* Willd. Snakewood
- 1 *Cudrania tricuspidata* Bureau Silkworm-thorn
- 9 *Ficus sp.* Fig
- 4 *Morus sp.* Mulberry

MUSACEAE

- 13 *Musa sp.*

MYRISTICACEAE

- 1 *Myristica fragrans* Houtt. Nutmeg

MYRTACEAE

- 1 *Eugenia uniflora* L. Pitanga, Surinam-cherry
- 4 *Feijoa sellowiana* Berg.
- 3 *Psidium guajava* L. Guava

OLEACEAE

- 1 *Ligustrum lucidum* Ait. Glossy privet
- 9 *Olea europaea* L. Olive

PASSIFLORACEAE

- 2 *Passiflora sp.* Granadilla
- 2 *P. quadrangularis* L. Giant granadilla

PUNICACEAE

- 15 *Punica granatum* L. Pomegranate

RHAMNACEAE

- 1 *Zizyphus jujuba* Mill. Common or Chinese
jujube

ROSACEAE

- 1 *Amelanchier canadensis* (L.) Medic.
 2 *Crataegus pinnatifida* Bunge
 2 *C. sp.*
 10 *Cydonia oblonga* Mill. Quince
 15 *Eriobotrya japonica* (Thunb.) Lindl. Loquat
 274 *Fragaria sp.* Strawberry
 3340 *Malus domestica* Borkh. Apple
 283 *M. domestica* Borkh. (Pathological specimens)
 351 *Prunus domestica* L. and others Plum
 155 *Prunus avium* (L.) L. and others Cherry
 29 *Prunus mume* Sieb. & Zucc. Japanese apricot
 930 *Prunus persica* (L.) Batsch Peach, Nectarine
 1 *P. salicina* Lindl. \times *P. americana* Marsh. Plumcot
 390 *Pyrus communis* L. Pear
 10 *Pyrus sp.*
 1 *Rubus chamaemorus* L. Cloudberry
 54 *Rubus sp.* Blackberry, Raspberry, Wineberry

RUTACEAE

- 3 *Aegle marmelos* (L.) Corr. Bael-fruit, Indian bael
 2 *Casimiroa edulis* Llave White sapote
 17 *Citrus aurantiifolia* (Christm.) Swingle Lime
 222 *C. aurantium* L. or *C. sinensis* (L.) Osbeck Sour or sweet orange
 14 *C. grandis* (L.) Osbeck Pummelo, Shaddock
 82 *C. limon* (L.) Burmann f. Lemon
 9 *C. medica* L. Citron
 1 *Citrofortunella mitis* (Blanco) J. Ingram & H. E. Moore [*C. reticulata* \times *Fortunella sp.*] Calamondin
 7 *C. \times nobilis* Lour. King orange [probably a hybrid of *C. sinensis* and a Mandarin orange]
 149 *C. \times paradisi* Macf. Grapefruit, Pomelo
 19 *C. \times tangelo* J. Ingram & H. E. Moore [*C. \times paradisi* \times *C. reticulata*] Tangelo
 4 *C. paradisi* \times ? Pomerange
 3 *C. reticulata* Blanco Mandarin, Tangerine orange
 1 *C. reticulata* cv. Satsuma \times [*Fortunella japonica* \times *F. margarita* cv. Meiwa] Orangequat
 5 *C. reticulata* Blanco \times *Poncirus trifoliata* (L.) Raf. Citrange
 1 *Clausena lansium* (Lour.) Skeels Wampee
 4 *Fortunella sp.* Kumquat
 3 *Poncirus trifoliata* (L.) Raf. Trifoliolate or Hardy orange
 1 *Swinglea glutinosa* (Blanco) Merr. [*Chaetospermum glutinosum* (Blanco) Swingle]
 1 *Triphasia trifolia* (Burm. f.) P. Wils. Limeberry

SAPINDACEAE

- 1 *Blighia sapida* K. König [*Cupania sapida* (K. König) Voigt] Akee

SAPOTACEAE

- 1 *Chrysophyllum oliviforme* L. [*C. monopyrenum* Swartz] Satin-leaf
 8 *Manilkara zapota* (L.) Van Royen Sapodilla
 1 *Pouteria campechiana* (HBK.) Baehni Egg-fruit
 1 *P. sapota* (Jacq.) H. E. Moore & Stearn Sapote, Mammee sapota

SAXIFRAGACEAE

- 13 *Ribes sp.* Currant, Gooseberry

SOLANACEAE

- 3 *Cyphomandra betacea* (Cav.) Sendtn. Tree tomato
 1 *Solanum melongena* L. Chinese eggplant

VITACEAE

- 294 *Vitis sp.* Grape

INDETERMINATAE

4

APPENDIX III

Color Reproductions of Botanical Subjects in U.S.D.A. Yearbooks,¹ 1853-1918

Year	No. of Preceding Page	Plate	Artist	Title	Printer
1853	[frontispiece]	I		[Strawberry in flower]	A. Hoen & Co., Baltimore
	[frontispiece]	II		Hovey Seedling [strawberry]	A. Hoen & Co., Baltimore
	[frontispiece]	III		Early Scarlet [strawberry]	A. Hoen & Co., Baltimore
	[frontispiece]			[Corn kernels]	A. Hoen & Co., Baltimore
1879	348	VII	George Marx	The Cotton Worm [and cotton]	A. Hoen & Co., Baltimore
	348	VIII	George Marx	The Boll Worm [and cotton]	A. Hoen & Co., Baltimore
	364		George Marx	<i>Rumex hymenosepalum</i> Torr. (Canaigre)	A. Hoen & Co., Baltimore
1881-82	208	I	C. V. Riley	The Boll Worm [and cotton]	A. Hoen & Co., Baltimore
	208	II	C. V. Riley	The Army Worm [and oats]	A. Hoen & Co., Baltimore
	208	III	C. V. Riley	<i>Pyrethrum roseum</i>	T. Sinclair & Son
	208	IV	C. V. Riley	<i>Pyrethrum cinerariaefolium</i>	T. Sinclair & Son
1883	176	I	L. Sullivan	Cabbage Worms [and cabbage]	T. Sinclair & Son
	176	III	L. Sullivan	Larch and Spruce Insects [and larch, Hemlock Spruce]	T. Sinclair & Son
1884	416	I	F. D. Owen	Rust of the Orange	T. Sinclair & Son
1885	102	II	Thomas Taylor	Twelve Edible Mushrooms Common to the United States: Orange Milk Mushroom (<i>Lactarius deliciosus</i>) Chantarelle (<i>Cantharellus cibarius</i>) Fairy Ring Champignon (<i>Marasmius orcadis</i>) Hedgehog or Spine Mushroom (<i>Hydnum repandum</i>) Meadow Mushroom (<i>Agaricus [psalliota] campestris</i>) Maned Agaric (<i>Coprinus comatus</i>) <i>Morehella esculenta</i> <i>Clavaria cinerea</i> <i>Clavaria rugosa</i> Edible Porc Mushroom (<i>Boletus edulis</i>) Puff-ball (<i>Lycoperdon giganteum</i>) Liver Fungus (<i>Fistulina hepatica</i>) Transformation of <i>Cicada septendecim</i> [and oak]	T. Sinclair & Son A. Hoen & Co., Baltimore
	343	I	C. V. Riley del., L. Sullivan pinx.	Orange-Leaf Scab (<i>Cladosporium</i> sp.) [and orange]	Julius Bien & Co., New York
1886	138	VI		Bahia, or (Washington Navel) [sic]	Giles Litho. & Liberty Printing Co., New York
	272	1		Arkansas Black [apple]	Giles Litho. & Liberty Printing Co., New York
	272	3			Giles Litho. & Liberty Printing Co., New York

Year	No. of Preceding Page Plate	Artist	Title	Printer
1887	178	L. Sullivan	The Chinch Bug [and oats]	Giles Litho. & Liberty Printing Co., New York
	178	L. Sullivan	The Codling Moth and its Parasites [and apple]	Giles Litho. & Liberty Printing Co., New York
	397	George Marx	Strawberry Leaf Blight [<i>Sphaerella fragariae</i> Sacc.]	The Hatch Litho. Co., New York
	397	R. Cowing	Apple Scab, <i>Fusicladium dendriticum</i> [sic, <i>dendriticum</i> intended]	The Hatch Litho. Co., New York
	397	R. Cowing	Cotton-Leaf Blight [<i>Cercospora gossypina</i> Ckc.]	The Hatch Litho. Co., New York
	397	R. Cowing	Anthraxnose of Raspberry [<i>Gloeosporium venetum</i> Speg.]	The Hatch Litho. Co., New York
	397	R. Cowing	Anthraxnose of the Bean [<i>Gloeosporium lindemuthianum</i>]	The Hatch Litho. Co., New York
	397	R. Cowing	Black Spot of the Rose [<i>Acrinonema rosae</i>]	The Hatch Litho. Co., New York
	397	R. Cowing	Rose Rust [<i>Phragmidium mucronatum</i>]	The Hatch Litho. Co., New York
	652	W. H. Prestele	Kelsey, <i>Satsuma</i> [plum]	Giles Litho. & Liberty Printing Co., New York
	652	W. H. Prestele	Hachiyi, Tane-Nashi [persimmon]	Giles Litho. & Liberty Printing Co., New York
	652	W. H. Prestele	Yemon [persimmon]	Giles Litho. & Liberty Printing Co., New York
	652	W. H. Prestele	Summer Rose [apple]	The Hatch Litho. Co., New York
	652	W. H. Prestele	<i>Satsuma</i> [orange]	The Hatch Litho. Co., New York
	652	W. H. Prestele	"Mission" Olive	The Hatch Litho. Co., New York
1888	404		Downy Mildew and Rot of Potato, <i>Phytophthora infestans</i> D. By	The Hatch Litho. Co., New York
	404		Tomato Rot, <i>Macrosporium solani</i>	The Hatch Litho. Co., New York
	404		Brown Rot of Cherry, <i>Monilia fructigenum</i> Pass.	The Hatch Litho. Co., New York
	404		Leaf Blight and Cracking of the Pear, <i>Entomosporium maculatum</i> Lev.	The Hatch Litho. Co., New York
	404		Apple Leaf Rust and Cedar Apple, <i>Roestelia pyrata</i> Thax. and <i>Gymnosporangium macropus</i> Link	The Hatch Litho. Co., New York
	404		Leaf-Spot Disease of the Maple, <i>Phyllosticta acericola</i> C. & E.	The Hatch Litho. Co., New York
	564	T. Taylor	Longitudinal Section of Black Pepper Berry	Geo. S. Harris & Sons Co., Philadelphia
	564	T. Taylor	White Mustard	Geo. S. Harris & Sons Co., Philadelphia
	564	T. Taylor	Black Mustard	Geo. S. Harris & Sons Co., Philadelphia
	564	T. Taylor	Cloves	Geo. S. Harris & Sons Co., Philadelphia
	564	T. Taylor	Allspice	Geo. S. Harris & Sons Co., Philadelphia
	564	T. Taylor	Cinnamon	Giles Litho. & Liberty Printing Co., New York
	595	W. H. Prestele	Jeffries [apple]	A. Hoen & Co., Baltimore
	595	W. H. Prestele	Idaho [apple]	A. Hoen & Co., Baltimore
	595	W. H. Prestele	Wilder [pear]	A. Hoen & Co., Baltimore
	595	W. H. Prestele	Clyman [plum]	A. Hoen & Co., Baltimore
	595	W. H. Prestele	Wayland [plum]	A. Hoen & Co., Baltimore
	595	W. H. Prestele	Bidwells Early [peach]	A. Hoen & Co., Baltimore
	595	W. H. Prestele	Dwarf Junecberry var. "Success" [<i>Amelanchier oblongifolia</i>]	A. Hoen & Co., Baltimore
	595	W. H. Prestele	Pepino. <i>Solanum guatemalense</i>	A. Hoen & Co., Baltimore

Year	No. of Preceding Page	Plate	Artist	Title	Printer
1889	200	I-IV	T. Taylor	Microscopic Investigation of the Tea Leaf [<i>Camellia japonica</i>]	The Sackett & Wilhelms Co., New York
	360	I		The Grain Plant-Louse and its Enemies [and wheat]	The Sackett & Wilhelms Co., New York
	360	II		The Six Spotted Mite of the Orange [and orange leaves]	The Sackett & Wilhelms Co., New York
	428	I		A Mignonette Disease [<i>Circospora rosadae</i> Fekl.] [and <i>Roseda</i>]	The Sackett & Wilhelms Co., New York
	452	I	W. H. Prestele	Paragon [chestnut]	Geo. S. Harris & Sons Co., Philadelphia
	452	II	W. H. Prestele	Hawkeye [plum]	Geo. S. Harris & Sons Co., Philadelphia
	452	III	W. H. Prestele	Grandall [currant]	Geo. S. Harris & Sons Co., Philadelphia
	452	IV	W. H. Prestele	Garfield [apple]	Geo. S. Harris & Sons Co., Philadelphia
	452	V	W. H. Prestele	Windsor [apple]	Geo. S. Harris & Sons Co., Philadelphia
	452	VIII	W. H. Prestele	Sapodilla	Geo. S. Harris & Sons Co., Philadelphia
	452	IX ²	W. H. Prestele	Hyakume, Kaki [persimmon]	Geo. S. Harris & Sons Co., Philadelphia
	452	X	W. H. Prestele	Yeddo Ichi, Kaki [persimmon]	Geo. S. Harris & Sons Co., Philadelphia
1890	366	I	K. Mayo	Eight Edible Mushrooms Common to the United States (Second series): "Plum" mushroom (<i>Agaricus prunulus</i>) "Variable" mushroom (<i>Russula heterophylla</i>) "Scaly" mushroom or "Parasol Agaric" (<i>Agaricus procerus</i>) "Honey-colored" mushroom (<i>Armillaria mellea</i>) <i>Lepiota cepoestipes</i> var. <i>cretaceus</i> "Horse" mushroom (<i>Agaricus arvensis</i>) <i>Cortinarius coeruleus</i> "Oyster" mushroom (<i>Agaricus ostreatus</i>) Twelve Poisonous Mushrooms: "Red-juice" mushroom (<i>Hygrophorus conicus</i>) "Emetic" mushroom (<i>Russula emetica</i>) "Verdigris" mushroom (<i>Agaricus aruginosus</i>) "Satanical" tube mushroom (<i>Boletus satanas</i>) "Trellised" Clathrus (<i>Clathrus cancellatus</i>) "Spring" mushroom (<i>Agaricus [Amanita] vernus</i>) "Fiery" tube mushroom (<i>Boletus piperatus</i>) "Fly" mushroom (<i>Agaricus [Amanita] muscarius</i>) "Ruddy-Milk" mushroom (<i>Lactarius rufus</i>) "Fiery Milk" mushroom (<i>Lactarius piperatus</i>) "Bitter" tube mushroom (<i>Boletus felleus</i>) "Fetid Wood-Witch" (<i>Phallus impudicus</i>) Hollyhock Anthracnose (<i>Colletotrichum althaeae</i> Southworth) Anthracnose of Cotton Bolls (<i>Colletotrichum gossypii</i> N.S.) Ripe Rot of Grapes and Apples (<i>Gloeosporium fructigenum</i> Berk.) Switzer [apple] Banquet [strawberry] Brilliant [grape] Zengi [persimmon] Tsuru [persimmon] Goumi (Goo-my) (<i>Elaeagnus pungens</i>)	Steeber Litho. Co., Rochester
	366	2	K. Mayo		Steeber Litho. Co., Rochester
	408	I	R[oberta] C[owing]		
	408	II			
	408	III			
	418	IV	W. H. Prestele		Geo. S. Harris & Sons Co., Philadelphia
	420	V	W. H. Prestele		Geo. S. Harris & Sons Co., Philadelphia
	424	VII	W. H. Prestele		Geo. S. Harris & Sons Co., Philadelphia
	424	VIII	W. H. Prestele		Geo. S. Harris & Sons Co., Philadelphia
	424	IX	W. H. Prestele		Geo. S. Harris & Sons Co., Philadelphia

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1891	378	I-III		Black Rot of Sweet Potato (<i>Ceratocystis fimbriata</i> Ell. and Hals.)	The Sackett & Wilhelms Co., New York
	386	IV	W. H. Prestele	Dai Dai [persimmon]	Giles Litho. & Liberty Printing Co., New York
	386	V	W. H. Prestele	Yama Tsuru [persimmon]	Giles Litho. & Liberty Printing Co., New York
	386	VI	W. H. Prestele	York Imperial [apple]	Giles Litho. & Liberty Printing Co., New York
	390	VII	W. H. Prestele	Gans [pear]	Giles Litho. & Liberty Printing Co., New York
	390	VIII	W. H. Prestele	Crosby [peach]	Giles Litho. & Liberty Printing Co., New York
	390	IX	W. H. Prestele	Burbank [plum]	Giles Litho. & Liberty Printing Co., New York
	394	IX	W. H. Prestele	Guava: 1. Mexican (<i>Psidium lucidum</i>) 2. West Indian (<i>Psidium guava</i>) 3. Cattley (<i>Psidium cattleianum</i>)	Giles Litho. & Liberty Printing Co., New York
	394	X	W. H. Prestele	Kansas [raspberry]	Giles Litho. & Liberty Printing Co., New York
	412	II	K. Mayo	<i>Agaricus (Armillaria) melleus</i> [Vahl.]	The Sackett & Wilhelms Co., New York
	412	III	L. Krieger	<i>Agaricus (Lactarius) deliciosus</i> [Fr.]	The Sackett & Wilhelms Co., New York
	412	IV	K. Mayo	<i>Cantharellus cibarius</i> Fr.	The Sackett & Wilhelms Co., New York
	412	V	K. Mayo	<i>Fistulina hepatica</i> [Fr.]	The Sackett & Wilhelms Co., New York
1892	262	IV	W. H. Prestele	Cherries: a. Bing b. Napoleon	A. Hoen & Co., Baltimore
	262	V	W. H. Prestele	Mercer Cherry	A. Hoen & Co., Baltimore
	262	VI	W. H. Prestele	Sophie Plum	A. Hoen & Co., Baltimore
	264	VII	D. G. Passmore	Eldorado Blackberry	A. Hoen & Co., Baltimore
	264	VIII	W. H. Prestele	Primus, Hybrid between <i>Rubus ursinus</i> and <i>R. crataegifolius</i>	A. Hoen & Co., Baltimore
	264	IX	W. H. Prestele	Hannibal Raspberry	A. Hoen & Co., Baltimore
	264	X	W. H. Prestele	Royal Church Raspberry	A. Hoen & Co., Baltimore
	266	XI	D. G. Passmore	Costata, Japanese Persimmon (<i>Diospyros kaki</i>)	A. Hoen & Co., Baltimore
	266	XII	W. H. Prestele	Giant Loquat (<i>Eriobotrya japonica</i>)	A. Hoen & Co., Baltimore
	266	XIII	D. G. Passmore	Buffalo Berry (<i>Shepherdia argentea</i>)	A. Hoen & Co., Baltimore
	284	I		<i>Ananitis caesarea</i> Scopoli	Trautman, Bailey & Blampsey, New York
	284	II		<i>Ananitis missaria</i> L.	Trautman, Bailey & Blampsey, New York
	284	III		<i>Lepiota procera</i> Scopoli	Trautman, Bailey & Blampsey, New York
	284	IV		<i>Cortinarius tumulis</i> Fries	Trautman, Bailey & Blampsey, New York

Year	No. of Preceding Page	Plate	Artist	Title	Printer
1893	224	I	D. G. Passmore	The San Jose Scale and the New Peach Scale [and pear]	Avil Co. Lith., Philadelphia
	286	I	D. G. Passmore	Bryant Apple	Forbes Co., Boston
	288	II	D. G. Passmore	Magnolia Pear	Forbes Co., Boston
	288	III	D. G. Passmore	Johnson Quince	Forbes Co., Boston
	290	IV	D. G. Passmore	Robena Peach	Forbes Co., Boston
	290	V	D. G. Passmore	Plums: a. Golden Prune b. Coe Golden Drop c. Yellow Aubert d. Yellow Aubert, section	Forbes Co., Boston
	292	VI	D. G. Passmore	Hoskins Cherry	Forbes Co., Boston
	292	VII	W. H. Prestele	Critic Grape	Forbes Co., Boston
	292	VIII	D. G. Passmore	Boone Orange	Forbes Co., Boston
	294	IX		Persimmons: a. Marion b. Golden Gem c. Seedless Wild d. Oblong Wild	Forbes Co., Boston
	300	I	L. Krieger	<i>Russula virescens</i> Fr. (Edible)	Avil Co. Lith., Philadelphia
	300	II	L. Krieger	<i>Coprinus comatus</i> Fr. (Edible)	Avil Co. Lith., Philadelphia
	300	III	L. K. after Gillet	<i>Marasmius orcadus</i> Fr. (Edible)	Avil Co. Lith., Philadelphia
1897	312	III	1. D. G. Passmore 2. B. Heiges	Raisin Grapes: 1. Gordo Blanco, Muscatel 2. Alexandria, Muscat	A. Hoen & Co., Baltimore
	316	IV	D. G. Passmore	Prunes: 1. Epicuse, Imperiale 2. Sergeant, Robe de 3. Golden Drop, Coe 4. Agen, syn. D'Agen, Petite D'Agen, "French," "California" 5. Italian, syn. Fellenberg	A. Hoen & Co., Baltimore
	316	V	D. G. Passmore	Drying Figs: 1. Smyrna 2. Smyrna Section 3. Adriatic 3. Adriatic Section	A. Hoen & Co., Baltimore
	332	VI	D. G. Passmore	Olives: 1. Mission 2. Sevillano	A. Hoen & Co., Baltimore
	336	VII	D. G. Passmore	Almonds: 1. Drake 1A. Drake Kernel 2. Languedoc 2A. Languedoc Kernel	A. Hoen & Co., Baltimore

Year	No. of Preceding Page Plate	Artist	Title	Printer	
1902	392	D. G. Passmore	Advance Loquat	Julius Bien & Co., New York Gray Lith. Co., New York	
	180	D. G. Passmore	Algae: 1. <i>Uroglena</i> —×300 2. <i>Spirogyra</i> —×500 3. Resting Spores of <i>Spirogyra</i> —×500 4. <i>Chlamydomonas</i> showing Resting Condition and Reproductive Bodies—×1000		
	180	D. G. Passmore	Algae: 1. <i>Clathrocystis</i> —×500 2. <i>Anabaena</i> —×500 3. <i>Oscillatoria</i> —×500 4. <i>Asterionella</i> —×500 5. <i>Navicula</i> showing structure of Diatom—×500	Gray Lith. Co., New York	
	1903	470	B. Heiges	Stayman Winesap Apple	Gray Lith. Co., New York
472		D. G. Passmore	Randolph Apple	Gray Lith. Co., New York	
474		B. Heiges	Philopena Pear	Gray Lith. Co., New York	
476		D. G. Passmore	Belle Peach	Gray Lith. Co., New York	
476		D. G. Passmore	Willett Peach	Gray Lith. Co., New York	
478		D. G. Passmore	Brittlewood and Stoddard Plums	Gray Lith. Co., New York	
478		B. Heiges	Jordan Almond	Gray Lith. Co., New York	
546		Elsie E. Lower	Variation in Corn Hybrid	Gray Lith. Co., New York	
230		D. G. Passmore	Northern Spy Apples	A. Hoehn & Co., Baltimore	
230		B. Heiges	York Imperial Apple	A. Hoehn & Co., Baltimore	
232		D. G. Passmore	Winesap Apples	A. Hoehn & Co., Baltimore	
234		B. Heiges	Rhode Island Greening Apples	A. Hoehn & Co., Baltimore	
268		B. Heiges	Akin Apple	A. Hoehn & Co., Baltimore	
270		B. Heiges	Terry Apple	A. Hoehn & Co., Baltimore	
270		D. G. Passmore	Hiley Peach	A. Hoehn & Co., Baltimore	
272		D. G. Passmore	Welch Peach	A. Hoehn & Co., Baltimore	
274		D. G. Passmore	1. Splendor Prune 2. Sugar Prune	A. Hoehn & Co., Baltimore	
1904		276	D. G. Passmore	Headlight Grape	A. Hoehn & Co., Baltimore
		276	D. G. Passmore	Cardinal Strawberry	A. Hoehn & Co., Baltimore
		228	E. I. Schutt	Fruits of Rusk Citrange and Trifoliolate Orange	A. Hoehn & Co., Baltimore
		230	D. G. Passmore	Willits Citrange	A. Hoehn & Co., Baltimore
		236	D. G. Passmore	Sampson Tangelo	A. Hoehn & Co., Baltimore
		238	D. G. Passmore	Weshart Tangerine	A. Hoehn & Co., Baltimore
		238	D. G. Passmore	Trimble Tangerine	A. Hoehn & Co., Baltimore
		400	D. G. Passmore	Bloomfield Apple	A. Hoehn & Co., Baltimore
		400	D. G. Passmore	Doctor Apple	A. Hoehn & Co., Baltimore
		402	D. G. Passmore	Rosney Pear	A. Hoehn & Co., Baltimore
	402	D. G. Passmore	Millennial Grape	A. Hoehn & Co., Baltimore	
				The Sackett & Wilhelms Co., New York	
				The Sackett & Wilhelms Co., New York	
				The Sackett & Wilhelms Co., New York	

Year	No. of Preceding Page	Plate	Artist	Title	Printer
	404	LIV	D. G. Passmore	Perfection Currant	The Sackett & Wilhelms Co., New York
	404	LV	D. G. Passmore	Delmas Persimmon	The Sackett & Wilhelms Co., New York
	412	LVI	B. Heiges	Pecan Varieties: San Saba Centennial Jewett Frotscher Pabst	The Sackett & Wilhelms Co., New York
	412	LVII	B. Heiges	Pecan Varieties: Post Van Deman Russell Stuart Romic	The Sackett & Wilhelms Co., New York
1905	276	XVII	D. G. Passmore	The Morton Citrange	
	284	XXI		The Miami Pineapple	
	352	XXXIV	D. G. Passmore	Decay in the Lemon and Orange as a Result of Cuts from Clippers	
	352	XXXV	D. G. Passmore	Decay in Apples Resulting from Mechanical Bruising (upper figure) and from Codling Moth Injury (lower figure)	Julius Bien & Co., New York
	496	LVIII	D. G. Passmore	Virginia Beauty Apple	Julius Bien & Co., New York
	496	LIX	D. G. Passmore	Carson Apple	Julius Bien & Co., New York
	496	LX	D. G. Passmore	Crocker Pear	Julius Bien & Co., New York
	498	LXI	D. G. Passmore	Everbearing Peach	Julius Bien & Co., New York
	502	LXII		Golden Plum	
	502	LXIII	B. Heiges	Damson Plums: Riley Scioto Pringle	Julius Bien & Co., New York
	506	LXIV	D. G. Passmore	Eulalia Loquat	
	506	LXV	E. I. Schutt	Pecan Varieties: Moneymaker Hollis Success Schley Young	Julius Bien & Co., New York
	508	LXVI	D. G. Passmore	Trapp Avocado	Julius Bien & Co., New York
1906	210	XI		Whole Wheat . . .	A. Hoehn & Co., Baltimore
	332	XVII	E. I. Schutt	Colman Citrange	A. Hoehn & Co., Baltimore
	332	XVIII	E. I. Schutt	Savage Citrange	A. Hoehn & Co., Baltimore
	356	XXV	D. G. Passmore	Magnate Apple	A. Hoehn & Co., Baltimore
	358	XXVI	D. G. Passmore	Oliver Red Apple	A. Hoehn & Co., Baltimore

Year	No. of Preceding Page	Plate	Artist	Title	Printer
	358	XXVII	A. A. Newton	Rabun Apple	A. Hoen & Co., Baltimore
	360	XXVIII	D. G. Passmore	Early Wheeler Peach	A. Hoen & Co., Baltimore
	360	XXIX	D. G. Passmore	Banner Grape	A. Hoen & Co., Baltimore
	364	XXX	A. A. Newton	Josephine Persimmon	A. Hoen & Co., Baltimore
	364	XXXI	D. G. Passmore	Chappelow Avocado	A. Hoen & Co., Baltimore
	368	XXXII	E. I. Schutt	Pecan Varieties: Alley Tehc Curtis Georgia Delmas	A. Hoen & Co., Baltimore
1907	308	XXIX	D. G. Passmore	Delicious Apple	A. Grignard & Co. or The Sackett & Wilhelms Co., New York
	308	XXX	D. G. Passmore	Ensee Apple	A. Grignard & Co. or The Sackett & Wilhelms Co., New York
	308	XXXI	D. G. Passmore	Lambert Cherry	A. Grignard & Co. or The Sackett & Wilhelms Co., New York
	310	XXXII	D. G. Passmore	Miller Persimmon	A. Grignard & Co. or The Sackett & Wilhelms Co., New York
	310	XXXIII	D. G. Passmore	Ruby Persimmon	A. Grignard & Co. or The Sackett & Wilhelms Co., New York
	312	XXXIV	D. G. Passmore	King Orange	A. Grignard & Co. or The Sackett & Wilhelms Co., New York
	314	XXXV	A. A. Newton	Sandersha Mango	A. Grignard & Co. or The Sackett & Wilhelms Co., New York
	314	XXXVI	E. I. Schutt	Pecan Varieties: Wolford President Sovereign Kincaid Mantura California Lemons	A. Grignard & Co. or The Sackett & Wilhelms Co., New York
1908	256	XV	A. A. Newton	The Brabham and Groit Cowpeas	A. Grignard & Co. or The Sackett & Wilhelms Co., New York
	476	XLJ	D. G. Passmore	Patten Apple	
	476	XLII	D. G. Passmore	Bennett Apple	
	476	XLIII	D. G. Passmore	Williams Apple	
	478	XLIV	Elsie E. Lower	Augbert Peach	
	478	XLV	A. A. Newton	Champion Peach	
	480	XLVI	E. I. Schutt	Eaton Raspberry	
	480	XLVII	A. A. Newton	Peters Mango	
	484	XLVIII	Elsie E. Lower	Persimmons: Kawakami Lonestar	

Year	No. of Preceding Page	Plate	Artist	Title	Printer
	484	XLIX	E. I. Schutt	Pecans: Taylor Kennedy Hodge Bolton Carman	
1909	312	XX	Boettcher	Ears of Corn of U.S. Selection 122	American Lithographic Co., New York
	312	XXI	Elsie E. Lower	Ear of Corn	American Lithographic Co., New York
	368	XXXIX	D. G. Passmore	Influence of Precooling on Peaches	American Lithographic Co., New York
	376	XXX	D. G. Passmore	Mother Apple	American Lithographic Co., New York
	376	XXXI	E. I. Schutt	Coffman Apple	American Lithographic Co., New York
	380	XXXII	Elsie E. Lower	Diploma Currant	American Lithographic Co., New York
	380	XXXIII	A. A. Newton	Carrie Gooseberry	American Lithographic Co., New York
	384	XXXIV	D. G. Passmore	Winfield Raspberry	American Lithographic Co., New York
	384	XXXV	D. G. Passmore	Victor Roselle [<i>Hibiscus sabdariffa</i> L.]	American Lithographic Co., New York
	384	XXXVI	E. I. Schutt	Pecan Varieties: Bradley Claremont Halbert Mobile Daisy	American Lithographic Co., New York
1910	428	XXXII	A. A. Newton	Lowry Apple	A. Grignard & Co., New York
	428	XXXIV	A. A. Newton	Kinnard Apple	A. Grignard & Co., New York
	428	XXXV	E. I. Schutt	Payne Peach	A. Grignard & Co., New York
	428	XXXVI	E. I. Schutt	Hoosier Raspberry	A. Grignard & Co., New York
	432	XXXVII	D. G. Passmore	Dugut Orange	A. Grignard & Co., New York
	432	XXXVIII	D. G. Passmore	Family Avocado	A. Grignard & Co., New York
	432	XXXIX	A. A. Newton	Cecil Mango	A. Grignard & Co., New York
	432	XL	A. A. Newton	Tamopan Persimmon	A. Grignard & Co., New York
1911	424	XLIX	D. G. Passmore	Cornell Apple	The Sackett & Wilhelms Co., New York
	424	L	D. G. Passmore	San Jacinto Apple	The Sackett & Wilhelms Co., New York
	424	LI	E. I. Schutt	Shawassee Apple	The Sackett & Wilhelms Co., New York
	424	LII	D. G. Passmore	Ayer Pear	A. Hoen & Co., Baltimore
	432	LIII	D. G. Passmore	Russell Peach	The Sackett & Wilhelms Co., New York
	432	LIV	A. A. Newton	Laire and Moncett Plums	The Sackett & Wilhelms Co., New York
	432	LV	A. A. Newton	Panarit Grape	A. Hoen & Co., Baltimore
	432	LVI	A. A. Newton	Thomson Orange	A. Hoen & Co., Baltimore
1912	264	I	Mary D. Arnold	Eastman Apple	Julius Bien & Co., New York
	264	II	E. I. Schutt	Monocacy Apple	Julius Bien & Co., New York
	264	III	E. I. Schutt	Summer King Apple	Julius Bien & Co., New York
	264	IV	E. I. Schutt	Douglas Pear	Julius Bien & Co., New York
	272	V	Mary D. Arnold	Chesapeake Strawberry	Julius Bien & Co., New York
	272	VI	A. A. Newton	Ormond Persimmon	Julius Bien & Co., New York

Year	No. of Preceding Page	Plate	Artist	Title	Printer
	272	VII	E. I. Schutt	Pollock Avocado	Julius Bien & Co., New York
	272	VIII	E. I. Schutt	Major, Burkett, Warrick, Havens, and Owens Pecans	Julius Bien & Co., New York
	368	XXXIV	James M. Shall	A Typical Girdling "Canker" of the Chestnut Bark Disease	Julius Bien & Co., New York
1913	112	VII	E. I. Schutt	Banana Apple	The Sackett & Willhelms Co., New York
	112	VIII	A. A. Newton	McCroskey Apple	The Sackett & Willhelms Co., New York
	112	IX	A. A. Newton	Opalescent Apple	The Sackett & Willhelms Co., New York
	112	X	E. I. Schutt	Lizzie Peach	The Sackett & Willhelms Co., New York
	120	XI	A. A. Newton	Flowers and James Grapes	The Sackett & Willhelms Co., New York
	120	XII	E. I. Schutt	Triumph Persimmon	The Sackett & Willhelms Co., New York
	120	XIII	E. I. Schutt	Luc Orange	The Sackett & Willhelms Co., New York
	120	XIV	E. I. Schutt	Boone Chestnut	The Sackett & Willhelms Co., New York
1916	100	A-F	R. C. Steadman	Rome Beauty Apples	A. Hoehn & Co., Baltimore
	144	G	L. C. C. Krieger	Fruiting Branch of One of the Large-Fruited Varieties of the Chinese Jujube Growing at the Chico Plant Introduction Field Station	A. Hoehn & Co., Baltimore
1918	80	III		The Six Different Kinds of Grain Rust, Showing the Differences in the Size, Shape, and Color of the Rust Spots (<i>Pustules</i>) and the Spores. Red or Summer Spores Above Black; or Winter Spores Below.	
	80	IV		The Life Story of Black Stem Rust	

1. During the following years the annual report of the U.S.D.A. assumed the following titles:
 1849-50 *Report of the Commissioner of Patents*
 1862 *Report of the Commissioner of Agriculture*
 1888 *Department of Agriculture report*
 1889 *First Report of the Secretary of Agriculture*
 1890 *Report of the Secretary of Agriculture*
 1894 *Yearbook of the United States Department of Agriculture*
 Artists' and publishers' names may be trimmed from some copies.
2. Plates VI and VII (both uncolored) are mis-numbered IX and X in some copies.

