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*Oldenburg.  
Exp. Station.  
So. Haven, Mich.*

*R. G. Steadman.  
8-15-'19.*

*The Illustrated History of Apples in the United States and Canada*

# *The Illustrated History of Apples in the United States and Canada* by Daniel J. Bussey, edited by Kent Whealy, published by JAK KAW Press, LLC.

After 30 years of research and seven years of editing, *The Illustrated History of Apples in the United States and Canada* is finally available. The lavishly illustrated hardcover set of seven volumes (each 500-600 pages, 8½" x 11") comprehensively documents all of the apple varieties that have appeared in publications in the United States and Canada through the year 2000.

- 16,350 varietal listings (descriptions, origins and histories)
- 9,700 synonyms (other names the apples were known by in different locations)
- 1,650 cited references (more than two centuries of pomological literature on apples)
- 1,400 life-size watercolors (painted a century ago for color documentation)

This unprecedented compendium is the result of a collaborative effort between Daniel J. Bussey and Kent Whealy. For 30 years, whenever time allowed, Dan Bussey has searched countless libraries in an attempt to locate everything published about apples during the last two centuries in the United States and Canada. In total Dan's research has identified information about apples in 1,650 pomological publications, horticultural and pomological society reports, governmental and experiment station bulletins, and commercial nursery catalogs. Dan transcribed and compiled that vast amount of information into 16,350 apple variety listings, while also identifying an additional 9,700 synonyms.

For the last seven years, entirely gratis, Kent Whealy has been editing Dan's massive compilation of research and notes. The seven volumes that Kent designed include a unique system of codes and dates for the 1,650 "Cited References," which is by far the most complete cataloging of the pomological literature on apples ever compiled. Each of the seven volumes is gorgeously illustrated with life-size watercolors. From 1886-1942, USDA employed 21 artists to paint 7,584 watercolors of 38 families of fruits, including 3,820 apples. USDA's Pomological Watercolor Collection provided documentation before color photography existed and today is a little known national treasure. More than 1,400 of these breathtakingly beautiful paintings (those that match the book's historic descriptions) have been included as illustrations, in order to create an accurate and unequalled identification tool for apple sleuths searching for lost varieties.

This fascinatingly rich slice of agricultural history documents the robust interactions and invaluable contributions of expert pomologists, local apple growers and nurseries, horticultural and pomological societies, apple breeders and government research stations. In times past, apples were so highly valued and such an integral part of peoples' lives, displayed and judged at local, state and national Pomological Society meetings, and at annual County Fairs and State Fairs and periodic World Fairs. When viewed in its entirety, these detailed varietal descriptions, meticulously recorded by expert pomologists, plus the histories of the apples' origins and movements around the country is truly staggering in its scope.

*"The Illustrated History of Apples in the United States and Canada will be the most important book on apples ever published in English. There has never been anything like it."*

— John Bunker (Maine apple historian)

Apple illustrations courtesy of the USDA's National Agricultural Library,  
Pomological Watercolor Collection, Special Collections.





In 2015 Kent Whealy formed his own publishing company (JAK KAW Press, LLC) to ensure that Dan Bussey's extensive research on apples and the appropriate pomological watercolors are recorded for posterity. This new publishing venture is dedicated to creating books that celebrate the diversity of our food crops. *The Illustrated History of Apples in the United States and Canada* is designed to comprehensively record and illustrate our food crop heritage in rich detail, thus helping to rescue and popularize the historic varieties that still exist. This unique seven-volume set of hardcover books, already being heralded as a pomological classic, has been priced deliberately low to provide affordability for food historians and apple enthusiasts (growers, grafters, cooks, cider makers, breeders, collectors and sleuths):

\$350 per seven-volume set throughout the continental U.S. (includes shipping by UPS Ground)

\$380 per seven-volume set throughout Canada (includes shipping by UPS Ground)

Please allow three weeks for delivery.

**Extensive information about the book and how to order online: [jakkawpress.com](http://jakkawpress.com)**

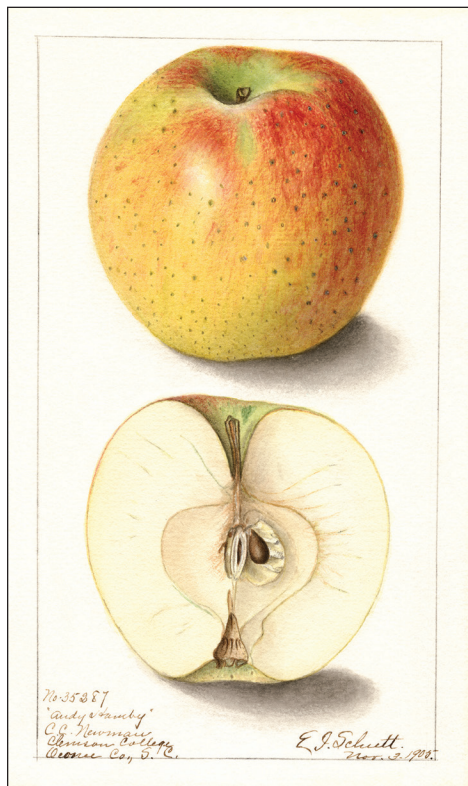
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Wholesale pricing is available (drop shipped, due to 32 lb. per set shipping costs).

Brochures, promotional assistance and images may be provided to authorized booksellers at no charge by contacting the publisher's office: [jakkawpress@gmail.com](mailto:jakkawpress@gmail.com) (or 844-567-5888).

Quantities of brochures for distribution at events are also available free of charge.



**ANDY HAMBY** [PWC 35287]  
Illustrated by Ellen Isham Schutt on November 3, 1905.  
Received in November 1905, sent by C. C. Newman,  
Clemson College, Clemson, Oconee County, South Carolina.

described. (Reference: MN/HSR/1910)

**Andren Winter** This variety was added to the orchard in the New York Agricultural Experiment Station at Geneva in 1889. Not described. (Reference: NY/G/ESR/1889)

**Andrew Sweet** (*Andrew's Sweet*, *Major Sweet*) Raised by Major Andrew, Yarmouth, Nova Scotia, Canada; recorded in 1874. Small to medium in size, roundish oblate, conic, slightly angular. Whitish or pale yellow skin. Stem short, small. Cavity medium. Calyx closed or nearly so. Basin large, deep, slightly corrugated. Core medium. White flesh, half fine, tender, moderately juicy, mild, pleasant, sweet, rather rich. Very good quality. Season November and December. Tree is a hardy, upright grower; an early, annual bearer. {Specimens of an unnamed apple were received at the USDA from Michigan on November 2, 1905 and painted as PWC 35273. Upon review of this apple, pomologists at the USDA suggested that this apple resembled Andrews Sweet and this name was adopted for the image. Some small differences exist between published descriptions of this apple and the PWC image, however these discrepancies may have resulted from where it was grown.} (References: Ragan/1905, Downing/A3/1881, CAN/Ont/FGAR/1874) [PWC 35273, illustrated as Andrews Sweet]

**Andrews** (*Andrews Winter*) Origin in the southern U.S.; introduced by G. P. O'Neal of South Carolina just prior to 1888. Small in size, roundish-conic to oblong conic, often unsymmetrical, sides often compressed. Tough skin, somewhat waxy, dull yellowish green, partly overlaid with a dull, rather dark red having narrow, indistinct carmine stripes; dots numerous, pale, rather conspicuous. Short, thick stem, often obliquely inserted. Cavity acute, moderately shallow to rather deep, furrowed or compressed, sometimes lipped, usually smooth. Calyx small, closed; calyx tube narrow, elongated, cone-shape or funnel-form; stamens median to marginal. Basin abrupt, medium in width and depth, usually furrowed. Core abaxile, closed or partly open; core lines clasping; carpels decidedly concave, broadly ovate, slightly emarginate, distinctly tufted; seeds medium to large, rather narrow, long, acute, somewhat tufted. Greenish white flesh, moderately fine textured, firm, somewhat crisp, moderately juicy, mild subacid; fair to good quality. Season March to June. Considered extinct. (Reference: Beach/1905) [PWC 15116, illustrated as synonym *Andrews Winter*]

**Andrews** [crab] [Dr. Andrew's No. 4 – pre-Ragan] (*Dr. Andrew's No. 4*) Illinois origin; recorded in 1870. Described as a crab of very good quality for dessert or kitchen use. Tree is adapted to high latitudes. (References: Ragan/1905, IL/HSR/1871)

**Andrews Favorite** [Andrews' Favorite – pre-Lyon] (*Andrews' Favorite*) Originated on the Andrews farm, Berlin, Vermont c. 1802. Medium in size, roundish, inclining to oblong, slightly angular. Whitish skin, shaded and mottled with light red, and with stripes and broken splashes of dark red or crimson; many light dots, some areole. Stem short, small. Cavity small, sometimes slightly russeted. Calyx small, closed. Basin medium, corrugated. Core large and open. White flesh, half fine, tender, juicy, pleasant subacid. Very good quality. Late in season. Tree is vigorous, healthy, spreading and irregular; good annual bearer. (References: Ragan/1905, VT/BA/1875-1876)

**Andrews' Red** Origin uncertain; planted under this name in the Illinois Experiment Station orchard in 1869. Not described. (References: Ragan/1905, IL/ESB45/1896)

**Andy Hamby** Most likely originated near Clayton, Georgia; named for Andy Hanby {who also discovered the Rabun apple near Clayton; see Rabun for history}. Specimens of this apple were received at the USDA in November 1905, sent by C. C. Newman, Clemson College, Oconee County, South Carolina. {As observed in the PWC illustration: Large in size, roundish. Skin yellow with bright red blush forming faint streaks on the sun side; dots scattered, dark-colored. Stem short, inserted in a narrow, deep cavity. Basin shallow, broad. Calyx sepals convergent, core lines clasping.} (Reference and illustration: PWC 35287)

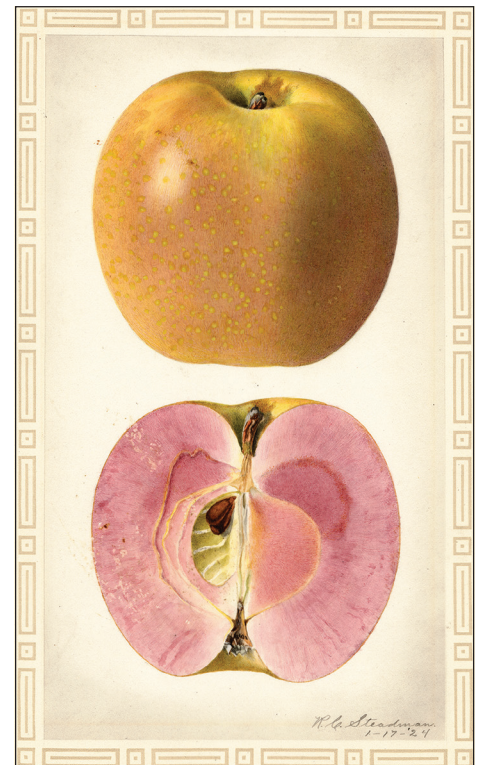
**Andy Reed** A southern variety listed by Calhoun's Nursery, Pittsboro, North Carolina;



**BAXTER<sup>(1)</sup>** [PWC 32982]  
Illustrated by Bertha Heiges on February 17, 1905.  
Received on November 19, 1904, sent by W. H. Dempsey,  
Trenton, Ontario, Canada.



**MAIDEN BLUSH** [PWC 90799]  
Illustrated by Royal Charles Steadman on October 12, 1916.  
Received on October 7, 1916, sent by F. H. Sisson,  
Worcester, Worcester County, Massachusetts.



**SEEDLING OF SURPRISE** [PWC 104552]  
Illustrated by Royal Charles Steadman on January 17, 1924.  
Sent by Albert F. Etter, Etnersburg, Humboldt County, California.