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U. S. DEPARTMENT OF AGRICULTURE.

BUREAU OF PLANT INDUSTRY—BULLETIN NO. 56.

B. T. GALLOWAY, *Chief of Bureau.*

NOMENCLATURE OF THE APPLE;

A CATALOGUE OF THE KNOWN VARIETIES REFERRED
TO IN AMERICAN PUBLICATIONS FROM
1804 TO 1904.

COMPILED BY

W. H. RAGAN,
EXPERT IN POMOLOGICAL NOMENCLATURE.

POMOLOGICAL INVESTIGATIONS.

ISSUED JANUARY 25, 1905.

[Second edition, July, 1905.]

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1905.

BULLETINS OF THE BUREAU OF PLANT INDUSTRY.

The Bureau of Plant Industry, which was organized July 1, 1901, includes Vegetable Pathological and Physiological Investigations, Botanical Investigations and Experiments, Grass and Forage Plant Investigations, Pomological Investigations, and Experimental Gardens and Grounds, all of which were formerly separate Divisions, and also Seed and Plant Introduction and Distribution, the Arlington Experimental Farm, Tea Culture Investigations, and Domestic Sugar Investigations.

Beginning with the date of organization of the Bureau, the several series of Bulletins of the various Divisions were discontinued, and all are now published as one series of the Bureau. A list of the Bulletins issued in the present series follows.

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20. Manufacture of Semolina and Macaroni. 1902. Price, 15 cents.
21. List of American Varieties of Vegetables for the Years 1901 and 1902. 1903. Price, 35 cents.
22. Injurious Effects of Premature Pollination. 1902. Price, 10 cents.
23. Berseem: The Great Forage and Soiling Crop of the Nile Valley. 1902. Price, 15 cents.
24. The Manufacture and Preservation of Unfermented Grape Must. 1902. Price, 10 cents.

[Continued on page 3 of cover.]

U. S. DEPARTMENT OF AGRICULTURE.

BUREAU OF PLANT INDUSTRY—BULLETIN NO. 56.

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1905.

BUREAU OF PLANT INDUSTRY.

B. T. GALLOWAY,

Pathologist and Physiologist, and Chief of Bureau.

VEGETABLE PATHOLOGICAL AND PHYSIOLOGICAL INVESTIGATIONS.

ALBERT F. WOODS, *Pathologist and Physiologist in Charge,*
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W. H. RAGAN, *Expert in Pomological Nomenclature.*

LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,
BUREAU OF PLANT INDUSTRY,
OFFICE OF THE CHIEF,
Washington, D. C., July 25, 1905.

SIR: I have the honor to transmit herewith copy for a second edition of Bulletin No. 56 of the series of this Bureau. This bulletin was prepared about two years ago by Mr. W. H. Ragan, then Special Pomological Agent, under the direction of the Pomologist.

Since the first edition was issued a considerable amount of valuable data not then available has come into the compiler's hands. Also, through correspondence with pomologists, his attention has been directed to some necessary amendments and corrections of the original text.

In this edition it is proposed to use the original plates (with a few very slight alterations) and to insert the new matter, with the compiler's explanatory note, as an appendix.

Respectfully,

B. T. GALLOWAY,
Chief of Bureau.

Hon. JAMES WILSON,
Secretary of Agriculture.

PREFACE.

The pomologists and fruit growers of this country have long felt the want of a comprehensive publication on the nomenclature of cultivated fruits.

The standard American authors of pomological works have dealt mostly with select lists of varieties, naming and describing only those possessing qualities that commended them to the several writers, and which were, therefore, considered worthy of a place in their respective volumes. These authors have not invariably given preference to the same leading name for a variety. There are numerous instances where a variety appears under a particular name in the publication of one author, while it is referred to as a synonym or is entirely omitted by another writer.

For fully fifty years the American Pomological Society has diligently and intelligently labored for a correct and uniform nomenclature of fruits, but it has been hampered by lack of means and facilities for accomplishing more than a limited amount of this work. Under the auspices of the Division of Pomology of the Department of Agriculture, a dozen years ago the veteran pomologist Mr. T. T. Lyon, of South Haven, Mich., was appointed a special agent to carry forward this laudable work. At his death the work was undertaken by Mr. W. H. Ragan, of Greencastle, Ind., a man equally versed in fruits, and one who possessed natural qualifications, a long experience in pomology, and a national reputation in fruit nomenclature. He has carried this work well forward toward completion so far as it relates to the apple, and it gives me pleasure to offer to the fruit growers of the country the only approximately complete and elaborate catalogue of the nomenclature of apples thus far published.

It is the present intention to follow this with similar catalogues of other cultivated fruits.

G. B. BRACKETT,
Pomologist.

OFFICE OF THE POMOLOGIST,
Washington, D. C., January 4, 1904.

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NOMENCLATURE OF THE APPLE;

A CATALOGUE OF THE KNOWN VARIETIES REFERRED TO IN AMERICAN PUBLICATIONS FROM 1804 TO 1904.

INTRODUCTION.

The following catalogue of named varieties of apples, with their various synonyms, though far from complete, embraces all or nearly all the names that appear in the published works of American writers on this fruit; in the serial numbers of the Magazine of Horticulture and of the Horticulturist, during their long periods of publication; in the transactions of the American Pomological Society, and other similar publications; in the reports of the State agricultural experiment stations; in the lists of Benjamin Buckman and of Charles Gibb; in the reports of the Pomologist of the United States Department of Agriculture; in many of the nursery catalogues and trade lists, and in other available publications.

The primary object of this bulletin is to bring together in one comprehensive volume all known names that have appeared in the American literature of the apple. Many of these names have been printed without descriptions of the fruit, and on further investigation some will doubtless prove to be synonyms of other varieties. It is believed that this publication will be especially useful in correcting and simplifying the nomenclature of the apple now well known to be in more or less confusion, and that it will become a standard guide in the naming of varieties in the future. To nurserymen who should desire correct names for their varieties, and especially to originators, who would avoid the serious mistake of duplicating names in bestowing them on their new products, this list must come as a valuable aid and helper.

In the nomenclature of this list the revised rules of the American Pomological Society have been followed. One of these rules, and perhaps the most important one, relates to the simplifying of our fruit nomenclature. All unseemly and superfluously long names are reduced to the simplest and most intelligible forms that will not bring them in conflict with other names. The orthography is frequently changed to

make it conform to the latest and most approved authorities. This is notably true of certain personal names heretofore often misspelled even by the most careful writers, such as "Rawles" for "Ralls," the name of the introducer of the apple so well known throughout the South and West under many names and synonyms, of which "Rawles Janet" is perhaps the most common. This correction is made as the result of a careful search of the official records of Amherst County, Va., where exists indubitable proof that "Caleb Ralls" was not "Caleb Rawles." Other corrections, and by far the most numerous class, are made to conform to the rules of the United States Board on Geographic Names. These changes are applied to all names not heretofore in conformity with the decisions of that board, which are now followed in all the branches of the Government service. Other changes that will appear are made in compliance with a common-sense tendency now generally recognized and approved of making a single word of such names as "Winesap," "Redstreak," and others heretofore often written or printed as two words.

The catalogue is alphabetically arranged throughout, including both leading names and synonyms. Leading names are, however, invariably followed by citations of authors first using them and then by all their known synonyms. Their descriptions, if given or known, are presented in abbreviated forms in the tables. These descriptions appear in the following order: Origin, form, size, color, texture of flesh, color of flesh, flavor, quality, use, and season, after which will often be found some explanatory remarks. Synonyms are followed by citations of authors first publishing them, and then by their true names. In the citations of authors for names or for synonyms it has not always been possible to give the first publisher of the name owing to the inaccessibility of a complete set of pomological publications.

In not a few instances the same name has been applied to two or more varieties and these have been so confirmed by long usage that it has been thought impossible to avoid the conflict and therefore inadvisable to change them. In some of these cases an acceptable synonym has been substituted for the published leading name; for instance, the "American Golden Pippin," so called by Mr. Downing, is changed to "Golding," which the author mentioned gives as a synonym, and in this way one of the numerous "Golden Pippins" is disposed of. Others that can not be changed are written with their place of origin or the author first publishing in an abbreviated form following, to distinguish them, as "Golden Russet (Eng.)," "Golden Russet (Mass.)," "Golden Russet (N. Y.)," or "Eureka (Dap.)." In some instances, however, this rule can not be applied, since origins and the names of authors first publishing are unknown, and concerning such names there will still remain some degree of uncertainty.

In the long list of Russian varieties much confusion and uncertainty

exist as to the several introductions, some of which errors will doubtless reappear in this publication. This problem is, however, being industriously and intelligently worked out in the Northwest, where these Russian apples are of most value and of the greatest promise.

An index to the literature of the subject is appended.

CODE OF NOMENCLATURE OF THE AMERICAN POMOLOGICAL SOCIETY.^a

PRIORITY.

RULE 1. No two varieties of the same kind of fruit shall bear the same name. The name first published for a variety shall be the accepted and recognized name, except in cases where it has been applied in violation of this code.

A. The term "kind" as herein used shall be understood to apply to those general classes of fruits which are grouped together in common usage without regard to their exact botanical relationship, as apple, cherry, grape, peach, plum, raspberry, etc.

B. The paramount right of the originator, discoverer, or introducer of a new variety to name it, within the limitations of this code, is recognized and emphasized.

C. Where a variety name through long usage has become thoroughly established in American pomological literature for two or more varieties, it should not be displaced nor radically modified for either sort, except in cases where a well-known synonym can be advanced to the position of leading name. The several varieties bearing identical names should be distinguished by adding the name of the author who first described each sort, or by adding some other suitable distinguishing term which will insure their identity in catalogues or discussions.

D. Existing American names of varieties which conflict with earlier published foreign names of the same, or other varieties, but which have become thoroughly established through long usage, shall not be displaced.

FORM OF NAMES.

RULE 2. The name of a variety of fruit shall consist of a single word.

A. No variety should be named unless distinctly superior to existing varieties in some important characteristic, nor until it has been determined to perpetuate it by bud propagation.

B. In selecting names for varieties the following points should be emphasized: Distinctiveness, simplicity, ease of pronunciation and spelling, indication of origin or parentage.

C. The spelling and pronunciation of a varietal name derived from a personal or geographical name should be governed by the rules which control the spelling and pronunciation of the name from which it was derived.

D. A variety imported from a foreign country should retain its foreign name, subject only to such modification as is necessary to conform it to this code or to render it intelligible in English.

E. The name of a person should not be applied to a variety during his life without his express consent. The name of a deceased horticulturist should not be so applied

^a Adopted at Boston, September 10, 1903.

except through formal action by some competent horticultural body, preferably that with which he was most closely connected.

F. The use of such general terms as seedling, hybrid, pippin, pearmain, beurre, rare-ripe, damson, etc., is not admissible.

G. The use of a possessive noun as a name is not admissible.

H. The use of a number, either singly or attached to a word, should be considered only as a temporary expedient while the variety is undergoing preliminary test.

I. In applying the various provisions of this rule to an existing varietal name which has through long usage become firmly embedded in American pomological literature, no change shall be made which will involve loss of identity.

RULE 3. In the full and formal citation of a variety name, the name of the author who first published it shall be given.

PUBLICATION.

RULE 4. Publication consists (1) in the distribution of a printed description of the variety named, giving the distinguishing characters of fruit, tree, etc., or (2) in the publication of a new name for a variety which is properly described elsewhere; such publications to be made in any book, bulletin, report, trade catalogue or periodical, providing the issue bears the date of its publication and is generally distributed among nurserymen, fruit-growers, and horticulturists; or (3) in certain cases the general recognition of a name for a propagated variety in a community for a number of years shall constitute publication of that name.

A. In determining the name of a variety to which two or more names have been given in the same publication, that which stands first shall have precedence.

REVISION.

RULE 5. No properly published variety name shall be changed for any reason except conflict with this code, nor shall another variety be substituted for that originally described thereunder.

KEY TO THE ABBREVIATIONS USED IN CITATIONS OF AUTHORS AND PUBLICATIONS.

In order to avoid all undue complications in the initials used, the particular page where the name of a variety or its synonym is published by authors or others is not specified in this catalogue. The numbers of bulletins, the year in which reports or magazines were published, or names of the proprietors of the trade catalogues cited, only are given. Thus "D" indicates that the variety referred to is mentioned in Downing's *Fruits and Fruit Trees of America*, second revised edition, 1869; "IllH'90," in the *Transactions of the Illinois State Horticultural Society* for 1890; "A'91," in the *Proceedings of the American Pomological Society* for 1891; "IllB45," in the *Illinois Agricultural Experiment Station Bulletin* No. 45; "MagofH'38," in

the Magazine of Horticulture for 1838; "P'94," in the Report of the Pomologist of the United States Department of Agriculture for 1894, etc.

The following abbreviations are used in the descriptions of varieties:

Origin: Eur., Europe; Fr., France; Am., America; N. Y., New York; etc.

Form: c, conical; o, ovate; ob, oblate; obl, oblong; r, round.

Size: l, large; l-vl, large to very large; m, medium; ml, medium to large; ms, medium to small; s, small; v, very.

Color: b, blushed; c, crimson; d, dark; g, green; l, light; p, pale; pu, purple; r, red; ru, russet; s, striped; w, white; y, yellow.

Flesh (texture): c, crisp; f, fine; fr, firm; j, juicy; m, medium; me, melting; t, tender; v, very.

Flesh (color): g, green or greenish; s, stained or wine-colored; v, very; w, white or whitish; y, yellow or yellowish.

Flavor: a, acid; b, brisk; m, mild; p, pleasant; r, rich; s, sweet; sa, subacid; v, very; vi, vinous.

Quality: b, best; g, good; g-vg, good to very good; p, poor; v, very; vg-b, very good to best.

Use: c, cider; d, dessert; f, family; k, kitchen; m, market.

Season: e, early; l, late; m, medium; ml, medium to late; v, very.

ALPHABETICAL LIST OF ABBREVIATIONS USED IN DESIGNATING THE PUBLICATIONS QUOTED.

A	American Pomological Society Proceedings, 1852-1903.
AB	Branson, Abner, catalogue, Westbranch, Iowa.
ABW	Wenger, A. B., catalogue, Dayton, Va.
AB&Co	Barnes, A., & Co., catalogue, Pleasant Run, Ohio.
ACT	Tuttle, A. Clark, catalogue, Baraboo, Wis.
ADF&S	Freeman, Mrs. A. D., & Sons, catalogue, Tadmire, Ohio.
AFM	Mosby, A. F., catalogue, Richmond, Va.
AHCC&C ..	Chadbourne, A. H. C., & Co., catalogue, Worcester, Mass.
AHG	Griesa, A. H., catalogue, Lawrence, Kans.
AHortA	American Horticultural Annual, 1868-1871.
AHS	American Horticultural Society Transactions, 1883-1888.
AJC	Collins, Arthur J., catalogue, Moorestown, N. J.
AJofH	American Journal of Horticulture, Volumes I-IX.
AKC	Clingman, A. K., catalogue, Homer, La.
AlaB	Alabama Experiment Station Bulletin.
AlaExR	Alabama Experiment Station Report.
AlaNCo	Alabama Nursery Co., catalogue, Huntsville, Ala.
AMB	Amherst, Massachusetts, Experiment Station Bulletin.
AmF	American Farmer, 1820-1881.
AmGar	American Gardening, 1883-1902.
AndN	Andorra Nurseries, catalogue, Philadelphia, Pa.
AN&OCo ...	Albaugh Nursery & Orchard Co., Tadmire, Ohio.
AP	Pullen, A., catalogue, Milford, Del.
APC	American Pomological Congress, 1 Vol., 1850.
ArizB	Arizona Experiment Station Bulletin.
ArizExR ...	Arizona Experiment Station Report.
ArkB	Arkansas Experiment Station Bulletin.
ArkExR ...	Arkansas Experiment Station Report.
ArkH	Arkansas Horticultural Society Report.

- ASB&S..... Bassett, A. S., & Son, catalogue, Gainesville, Tex.
 A&H..... Albertson & Hobbs, catalogue, Bridgeport, Ind.
 B..... Barry, P., Barry's Fruit Garden, 1883.
 BAC..... Craddock, B. A., catalogue, Curve, Tenn.
 Bai..... Bailey, Dr. L. H., Annals of Horticulture.
 BBCo..... Brown Brothers Co., catalogue, Rochester, N. Y.
 BBL..... Buckman, Benj., List of Fruits in Trial Orchard, Farmingdale, Ill.
 BBros..... Baker Brothers, catalogue, Fort Worth, Tex.
 BOC..... Curtis, B. O., catalogue, Paris, Ill.
 B(Ph)N.... Bloomington (Phoenix) Nursery, catalogue, Bloomington, Ill.
 Bul6,8..... Bulletins 6 and 8, Division of Pomology, U. S. Department of
 Agriculture.
 BWS..... Stone, B. W., catalogue, Thomasville, Ga.
 C..... Coxe, William, A View of the Cultivation of Fruit Trees, 1817.
 CAG..... Green, Charles A., catalogue, Rochester, N. Y.
 CalB..... California Experiment Station Bulletin.
 CanB..... Canada Experiment Station Bulletin, Central Experimental Farm,
 Ottawa.
 CanExR ... Canada Experiment Station Report, Central Experimental Farm,
 Ottawa.
 CanH..... Canada Horticulturist, monthly, 1890-1904.
 Cat..... Catalogue, some nursery catalogue; so indexed by Mr. Lyon.
 CB..... Cornell, New York, Experiment Station Bulletin.
 CBCo..... Chase Brothers Co., catalogue, Rochester, N. Y.
 CBH..... Hornor, Charles B., catalogue, Mount Holly, N. J.
 CGen..... Country Gentleman, 1859-1869.
 CGP..... Patten, Chas. G., catalogue, Charles City, Iowa.
 CH..... Hewitt, Clark, catalogue, Waupun, Wis.
 ChNCo..... Cherokee Nursery Co., catalogue, Waycross, Ga.
 CLW..... Watrous, Chas. L., catalogue, Des Moines, Iowa.
 CN..... Cumberland Nurseries, catalogue, Nashville, Tenn.
 CNC..... California Nursery Co., catalogue, Niles, Cal.
 ColB..... Colorado Experiment Station Bulletin.
 ColExR.... Colorado Experiment Station Report.
 Cole..... Cole, S. W., The American Fruit Book, 1849.
 ColH..... Colorado Horticultural Society Report.
 CtB..... Connecticut (New Haven) Experiment Station Bulletin.
 CtExR..... Connecticut (New Haven) Experiment Station Report.
 CW..... Wright, Charles, catalogue, Seaford, Del.
 D..... Downing, A. J. and C., Fruits and Fruit Trees of America, 1845,
 ed., 1869.
 Dap..... Downing's Appendix I, 1872, II, 1876, and III, 1881, to Fruits and
 Fruit Trees of America.
 DDH..... Herr, Daniel D., catalogue, Lancaster, Pa.
 DelB..... Delaware Experiment Station Bulletin.
 DelExR.... Delaware Experiment Station Report.
 DMM..... Moore, D. M., catalogue, Ogden, Utah.
 DOM..... Munson, D. O., catalogue, Falls Church, Va.
 DomEnc ... Domestic Encyclopedia, or Dictionary of Facts and Useful Knowl-
 edge, first American edition, 1804.
 DrHS..... Schroeder, Dr. Herman, catalogue, Bloomington, Ill.
 D&M..... Downing & Morris, catalogue, Clinton, Ind.
 E..... Elliott, F. R., Elliott's Fruit Book, 1854.
 ECNCo..... Elm City Nursery Co., catalogue, New Haven, Conn.

- EFS Stephens, E. F., catalogue, Crete, Nebr.
 EGM Mendenhall, E. G., catalogue, Kinmundy, Ill.
 EH Hoyt, Edward, catalogue, Scotch Grove, Iowa.
 EMB..... Buechly, E. M., catalogue, Greenville, Ohio.
 EON Eastern Oregon Nurseries, catalogue, Union, Ore.
 EPS Smith, E. P., catalogue, Gresham, Oreg.
 EWK Kirkpatrick, E. W., catalogue, McKinney, Tex.
 EWR Reid, E. W., catalogue, Bridgeport, Ohio.
 E&B Ellwanger & Barry, catalogue, Rochester, N. Y., 1873-1893.
 F Fitz, J. W., *The Southern Apple and Peach Culturist*, 1872.
 FDNCo Franklin Davis Nursery Co., catalogue, Richmond, Va.
 FEY Young, Fred. E., catalogue, Rochester, N. Y.
 FF&S Ford, Frank & Son, catalogue, Ravenna, Ohio.
 FHC..... Chappel, F. H., catalogue, Oregon, Wis.
 FlaB Florida Experiment Station Bulletin.
 FlaExR Florida Experiment Station Report.
 FlaH..... Florida Horticultural Society Report.
 FSP..... Phoenix, F. S., catalogue, Bloomington, Ill.
 FTR Ramsey, F. T., catalogue, Austin, Tex.
 FWK Kelsey, F. W., catalogue, Rochester, N. Y., 1877-1893.
 F&L Fraser & Lippincott, catalogue, Huntsville, Ala.
 G Goodrich, Chauncey, *Northern Fruit Culturist*, 1850.
 GaB Georgia Experiment Station Bulletin.
 GaExR Georgia Experiment Station Report.
 GaH Georgia Horticultural Society Report.
 GarCal American Gardener's Calendar, Bernard McMahon, 1806.
 GarM Gardener's Monthly, 1859-1885.
 GAS Sweet, George A., catalogue, Dansville, N. Y.
 Gb..... Gibb, Charles, U. S. Department of Agriculture, *List of Russian Varieties of Apples*.
 GB Greening Bros., catalogue, Monroe, Mich.
 GBB..... Brackett, G. B., catalogue, Denmark, Iowa.
 GenF Genesee Farmer, 1832-1854.
 GeoR Ruedy, George, catalogue, Colfax, Wash.
 GG&S..... Gould, Geo., & Son, catalogue, Villaridge, Ill.
 GHM&S.... Miller, Geo. H., & Son, catalogue, Rome, Ga.
 GHW Whiting, Geo. H., catalogue, Yankton, S. Dak.
 GJC Carpenter, G. J., catalogue, Fairbury, Nebr.
 GJK&S Kellogg, Geo. J., & Sons, catalogue, Janesville, Wis.
 GLA Anthony, G. L., catalogue, Vandalia, N. C.
 GLT Taber, Geo. L., catalogue, Glen Saint Mary, Fla.
 GNM Moyer, G. N., catalogue, Laketon, Ind.
 GO Onderdonk, Gilbert, catalogue, Nursery, Tex.
 Govlist.... *List of Russian Varieties Introduced by U. S. Department of Agriculture*, 1870.
 G&S Gardner & Sons, catalogue, Osage, Iowa.
 H Hooper, E. J., *Hooper's Western Fruit Book*, 1857.
 HB&T Hoopes Bro. & Thomas, catalogue, Westchester, Pa.
 HFH Hillenmeyer, H. F., catalogue, Lexington, Ky.
 HGO Hale Georgia Orchard Co., catalogue, Fort Valley, Ga.
 HG&Co Hoover & Gaines Co., catalogue, Dayton, Ohio.
 HMHS *History of the Massachusetts Horticultural Society*, 1880.
 HMSCo Simpson, H. M., Co., catalogue, Vincennes, Ind.
 Hort *Horticulturist*, The, monthly, 1846-1875.

- Hov Hovey, C. M., the Fruits of America, 1851.
 HPN Hart Pioneer Nurseries, catalogue, Fort Scott, Kans.
 HSR&S Rupp, Henry S., & Sons, catalogue, Shiremanstown, Pa.
 HuC Huntsville Nursery Co., catalogue, Huntsville, Ala.
 H&Co Holland & Co., catalogue, Plymouth, Ind.
 I Ives, J. M., New England Book of Fruits, 1847.
 IaB Iowa Experiment Station Bulletin.
 IaExR Iowa Experiment Station Report.
 IaH Iowa Horticultural Society Report, 1867-1903.
 IdaB Idaho Experiment Station Bulletin.
 IdaExR Idaho Experiment Station Report.
 IH&S Hicks, Isaac, & Son, catalogue, Westbury Station, N. Y.
 IllB Illinois Experiment Station Bulletin.
 IllExR Illinois Experiment Station Report.
 IllH Illinois Horticultural Society Report, 1867-1903.
 IndB Indiana (Purdue) Agricultural Experiment Station Bulletin.
 IndExR Indiana (Purdue) Agricultural Experiment Station Report.
 IndF Indiana Farmer, 1840.
 IndH Indiana Horticultural Society Report, 1860-1902.
 JAY Young, John A., catalogue, Greensboro, N. C.
 JB Bidwell, John, catalogue, Chico, Cal.
 JBW&B Wild, J. B., & Bros., catalogue, Sarcoxie, Mo.
 JGH&S Harrison, J. G., & Sons, catalogue, Berlin, Md.
 JGW Wertz, J. G., catalogue, Salem, Va.
 JHB Black, Joseph H., & Son, catalogue, Hightstown, N. J.
 JIN Newson, J. I., catalogue, Nashville, Tenn.
 JLB Brown, J. L., catalogue, Kearney, Nebr.
 JMO Ogle, J. M., catalogue, Puyallup, Wash.
 JNCo Jewell Nursery Co., catalogue, Lake City, Minn.
 JRJ Johnson, J. R., catalogue, Coshocton, Ohio.
 JSC&S Collins, J. S., & Son, catalogue, Moorestown, N. J.
 JSK Kerr, John S., catalogue, Sherman, Tex.
 JTL Lovett, J. T., catalogue, Little Silvers, N. J.
 JVC Cotta, J. V., catalogue, Nursery, Ill.
 JVL Lindley, J. Van., catalogue, Pomona, N. C.
 JW Waters, James, catalogue, Watsonville, Cal.
 JWA Austin, J. W., catalogue, Pilot Point, Tex.
 JWA&Co ... Adams, J. W., & Co., catalogue, Springfield, Mass.
 JWK Kerr, J. W., catalogue, Denton, Md.
 JWM Manning, Jacob W., catalogue, Reading, Mass., 1875-1892.
 JWS Stevenson, J. W., catalogue, North Bend, Nebr.
 JW&S Wragg, J., & Son, catalogue, Waukee, Iowa.
 J&R Jones & Rouse, catalogue, Rochester, N. Y.
 K Kenrick, William, The New American Orchardist, first edition, 1841.
 KanB Kansas Experiment Station Bulletin.
 KanExR Kansas Experiment Station Report.
 KanFM Kansas Fruit Manual, 1886.
 KanH Kansas Horticultural Society Report.
 KHN Kansas Home Nursery, catalogue, Lawrence, Kans.
 KN Klehm's Nurseries, catalogue, Arlington Heights, Ill.
 KyB Kentucky Experiment Station Bulletin.
 KyExR Kentucky Experiment Station Report.
 KyH Kentucky Horticultural Society Report.

K&S	Kelly, J. O., & Sons, catalogue, Jeff, Ala.
L	Lyon, T. T.; name modified by Mr. Lyon as Chairman of Committee.
LaB	Louisiana Experiment Station Bulletin.
LaExR	Louisiana Experiment Station Report.
LB	Burbank, Luther, catalogue, Santa Rosa, Cal.
LC	Coates, Leonard, catalogue, Napa, Cal.
(LC)	Lyon's catalogue of trial varieties at South Haven, Mich.
Lin	Linnaean Botanic Garden, catalogue of 1844-45.
LR	Roesch, Lewis, catalogue, Fredonia, N. Y.
LTS	Sanders, L. T., catalogue, Plain Dealing, La.
LWC&Co... ..	Carr, L. W., & Co., catalogue, Erie, Pa.
M	Manning, Robert, Book of Fruits, first edition, 1838.
MagofH	Magazine of Horticulture, Boston, C. M. Hovey & Co., 1835-1860.
MassB	Massachusetts (Hatch) Experiment Station Bulletin.
MassExR...	Massachusetts (Hatch) Experiment Station Report.
MassH	Massachusetts Horticultural Society Report, 1865-1903.
MB&Co	Barnes, M., & Co., catalogue, Groesbeck, Ohio.
MDB	Beatie, M. D., catalogue, Atlanta, Ga.
MdB	Maryland Experiment Station Bulletin.
MdExR	Maryland Experiment Station Report.
MdH	Maryland Horticultural Society Report.
MeB	Maine Experiment Station Bulletin.
MeeM	Meehan's Monthly, 1894-1897.
MeExR	Maine Experiment Station Report.
MeH	Maine Pomological Society Report.
MHSC	Montreal Horticultural Society, Canada, 1876-1888.
MichB	Michigan Experiment Station Bulletin.
MichExR ..	Michigan Experiment Station Report.
MichH	Michigan Horticultural Society Report.
MinnB	Minnesota Experiment Station Bulletin.
MinnExR ..	Minnesota Experiment Station Report.
MinnH	Minnesota Horticultural Society Report.
MinnHort ..	Minnesota Horticulturist, monthly, 1894-1901.
MissB	Mississippi Experiment Station Bulletin.
MissExR...	Mississippi Experiment Station Report.
MJG	Graham, M. J., catalogue, Adel, Iowa.
MJH	Henry, M. J., catalogue, Vancouver, B. C.
MLACo	Missing Link Apple Co., catalogue, Clayton, Ill.
MoB	Missouri Experiment Station Bulletin.
MoExR	Missouri Experiment Station Report.
MoH	Missouri Horticultural Society Report, 1863-1902.
MontB	Montana Experiment Station Bulletin.
MontExR ..	Montana Experiment Station Report.
M&S	Myer, D. S., & Son, catalogue, Ridgeville, Del.
N	Northwestern Pomology, Gurney, 1894.
NAPC	North American Pomological Convention Report, 1849.
NCB	North Carolina Experiment Station Bulletin.
NCExR	North Carolina Experiment Station Report.
NCH	North Carolina Horticultural Society Report.
NDB	North Dakota Experiment Station Bulletin.
NDExR	North Dakota Experiment Station Report.
NebB	Nebraska Experiment Station Bulletin.
NebExR ...	Nebraska Experiment Station Report.

- NebH Nebraska Horticultural Society Report.
 NEF New England Farmer, 1822-1871.
 NevB Nevada Experiment Station Bulletin.
 NevExR ... Nevada Experiment Station Report.
 NHB..... New Hampshire Experiment Station Bulletin.
 NHExR.... New Hampshire Experiment Station Report.
 NJB New Jersey Experiment Station Bulletin.
 NJExR New Jersey Experiment Station Report.
 NJH New Jersey Horticultural Society Report.
 NMB..... New Mexico Experiment Station Bulletin.
 NMExR.... New Mexico Experiment Station Report.
 NSB Nova Scotia Experiment Station Bulletin.
 NSExR Nova Scotia Experiment Station Report.
 NSH Nova Scotia Horticultural Society Report.
 NWC Craft, N. W., catalogue, Shore, N. C.
 NWFG..... Northwestern Fruit Growers' Association Report, 1852 and 1855.
 NYAg..... New York Agricultural Society Report.
 NYB..... New York Geneva Experiment Station Bulletin.
 NYExR New York Geneva Experiment Station Report.
 OhioB..... Ohio Experiment Station Bulletin.
 OhioExR... Ohio Experiment Station Report.
 OhioH Ohio Horticultural Society Report.
 OKG..... Gerrish, O. K., catalogue, Lakeville, Mass.
 OklB..... Oklahoma Experiment Station Bulletin.
 OklExR.... Oklahoma Experiment Station Report.
 OL..... Locke, Otto, catalogue, New Braunfels, Tex.
 OntB..... Ontario, Canada, Experiment Station Bulletin.
 OntExR.... Ontario, Canada, Experiment Station Report.
 OntH Ontario Fruit Growers' Association Report.
 OreB..... Oregon Experiment Station Bulletin.
 OreExR.... Oregon Experiment Station Report.
 P Pomologist, U. S. Department of Agriculture, Report, 1886-95.
 PaB..... Pennsylvania Experiment Station Bulletin.
 PaCR Pennsylvania Agricultural College Report.
 PaExR Pennsylvania Experiment Station Report.
 PaH Pennsylvania Horticultural Society Report.
 PE..... Emmerson, P., catalogue, Wyoming, Del.
 PEN Port Elgin Nursery, catalogue, Port Elgin, Ontario.
 PenH Peninsula Horticultural Society Report.
 PFar Prairie Farmer, 1843-1897.
 PHF Foster, P. H., catalogue, Babylon, N. Y.
 PJB Berckmans, P. J., catalogue, Augusta, Ga.
 PN Phoenix Nursery, catalogue, Delavan, Wis.
 Pr Prince, Wm. R., Pomological Manual, 1831.
 R Ragan, W. H.; name modified by Mr. Ragan as Chairman of Committee.
 RgltoIa ... Russian varieties sent by Dr. Regel to Iowa Agricultural College.
 RGN..... Nicholson, R. G., catalogue, Chestertown, Md.
 RIB Rhode Island Experiment Station Bulletin.
 RIExR Rhode Island Experiment Station Report.
 RIH Rhode Island Horticultural Society Report.
 R&P Rakestraw & Pyle, catalogue, Willowdale, Pa.
 RNY..... Rural New Yorker, 1854-1872.
 S Strong, W. C., Fruit Culture, 1885.

- SBro Stark Brothers, catalogue, Louisiana, Mo.
 SCB South Carolina Experiment Station Bulletin.
 SCExR South Carolina Experiment Station Report.
 SCH South Carolina Horticultural Society Report.
 SCtB Storrs, Connecticut, Experiment Station Bulletin.
 SDB South Dakota Experiment Station Bulletin.
 SDExR South Dakota Experiment Station Report.
 SHNCo Spring Hill Nursery Co., catalogue, Prospect, Va.
 SHR Rump, S. H., catalogue, Marshallville, Ga.
 ShrotoIa ... Russian apples sent by Dr. Schroeder to Iowa Agricultural College.
 SHS Hoyt (Stephen) Sons, catalogue, New Canaan, Conn.
 SK Kinsey, Samuel, catalogue, Kinsey, Ohio.
 SLN Silver Leaf Nurseries, catalogue, Boons Path, Va.
 SL&Co Lewelling, Seth, & Co., catalogue, Milwaukee, Ore.
 SMB Bayles, S. M., catalogue, St. Louis, Mo.
 SNCó Sherman Nursery Co., catalogue, Charles City, Iowa.
 SP&L Smith, Powell & Lamb, catalogue, Syracuse, N. Y.
 S&H Storrs & Harrison, catalogue, Painesville, Ohio.
 S&W Stone & Wellington, catalogue, Toronto, Ontario.
 T Thomas, J. J., *The American Fruit Culturist*, 1846.
 TCF Ferrell, Thad C., catalogue, Humboldt, Tenn.
 Td Todd, S. E., *The Apple Culturist*, 1871.
 TennB Tennessee Experiment Station Bulletin.
 TennExR... Tennessee Experiment Station Report.
 TexB Texas Experiment Station Bulletin.
 TexExR.... Texas Experiment Station Report.
 TexH Texas Horticultural Society Report.
 Th Thacher, James, *The American Orchardist*, 1821.
 TJG&S Garden, Thos. J., & Son, catalogue, Springhill, Va.
 TSH Hubbard, T. S. & Co., catalogue, Fredonia, N. Y.
 TVM Munson, T. V. & Son, catalogue, Denison, Tex.
 TWW&S ... Wood, T. W., & Son, catalogue, Richmond, Va.
 UCExR University of California Experiment Station Report
 UtahB Utah Experiment Station Bulletin.
 UtahExR .. Utah Experiment Station Report.
 VaB Virginia Experiment Station Bulletin.
 VaExR Virginia Experiment Station Report.
 VaH Virginia Horticultural Society Report.
 Van D Van Deman, H. E., name suggested by Prof. Van Deman.
 VRS Russian varieties introduced from various sources.
 VtB Vermont Experiment Station Bulletin.
 VtExR Vermont Experiment Station Report.
 W Warder, Dr. John A., *American Pomology—Apple*, 1867.
 WashB Washington Experiment Station Bulletin.
 WashExR.. Washington Experiment Station Report.
 WAW&C... Watson, W. A., & Co., catalogue, Normal, Ill.
 WBKJ Johnson, W. B. K., catalogue, Allentown, Pa.
 WBro Wirt Brothers, catalogue, Alpha, Ill.
 WCR Reed, W. C., catalogue, Vincennes, Ind.
 Wg Waring, Wm. G., *The Fruit Grower's Hand-Book*, 1851.
 GWG White, Wm. G., catalogue, Ovid, Mich.
 WHMCo ... Moon, W. H., Co., catalogue, Morrisville, Pa.
 WHR *Western Horticultural Review*, monthly (Vols. 1 to 4) 1850–1853.
 WhyS Smith, Wm. Hy., catalogue, Franklin, Tenn.

WisB	Wisconsin Experiment Station Bulletin.
WisExR ...	Wisconsin Experiment Station Report.
WisH	Wisconsin Horticultural Society Report.
WisHort....	Wisconsin Horticulturist, monthly, 1897-1902.
WJN.....	West Jersey Nursery Co., catalogue, Bridgeton, N. J.
WMB	Benninger, W. M., catalogue, Walnutport, Pa.
WmCh	Chappelow, William, catalogue, Duarte, Cal.
WmP	Parry, William, catalogue, Parry, N. J.
WMP&S....	Peters, W. M., & Son, catalogue, Snowhill, Md.
WmW.....	Watson, William, catalogue, Brenham, Tex.
Wn	Wickson, E. J., The California Fruits, 1889.
WRH	Harris, W. R., catalogue, Tecumseh, Nebr.
WSL&Co...	Little, W. S., & Co., catalogue, Rochester, N. Y.
WTH&Co ..	Hood, W. T., & Co., catalogue, Richmond, Va.
WVaB	West Virginia Experiment Station Bulletin.
W VaExR ..	West Virginia Experiment Station Report.
WyB	Wyoming Experiment Station Bulletin.
WyExR....	Wyoming Experiment Station Report.
W&Co	Webster & Co., catalogue, Centralia, Ill.
W&TSCo...	Smith, W. & T., Co., catalogue, Geneva, N. Y.
Y&Co.....	Youngers & Co., catalogue, Geneva, Nebr.

CATALOGUE OF THE KNOWN VARIETIES OF APPLES REFERRED TO IN AMERICAN PUBLICATIONS FROM 1804 TO 1904.

CATALOGUE OF VARIETIES.

21

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Aaron. R. Syn. Aaron Holt	Tex.							vg		1	In Texas nursery catalogues.
Aaron Hall. O. L. Syn. of Aaron.											
Abbot. D.	N. J.	ob	m	gys	cfj	w	su	vg	d	1	
Abbot's Lawn. Syn. of Abbot's Lawn.											
Abbot's Seedling. Mugo II 41		re	m	y			su			1	Possibly identical with Abbot.
Abbot's Five Seeded Spire. D. Syn. of Abbot's Spire.											
Abbot's Spire. Vanh. Syn. Abbot's Five-Seeded Spire		rohe	m	pyrs	j	w	su	g		m	
Abbot's Seed. T. Syn. Abbot's Seed.	N. H.	e	ml	rs	i	w	pyrs	g		1	
Abbot's Seed. D. Syn. of Abbot's Seed.	Wis.		m	rs				g		1	
Abbs. CH.											
Abel Lincoln. D. Syn. of Red Astrachan		r	l	y			su			e	Not. Nickajack, of which Aberdeen is a synonym.
Aberdeen. III B45											
Aberdeen. D. Syn. of Nickajack											
Abernathy. P 94	Ind.	re	ml	gys	fj	y	su	vg	d	m	
Abraham. L. Syn. Father Abraham.	Va. ?		s	rs			su	g		vl	
Abraham. III B45	[KY ?]	rob		y			su	vg		me	Confusion as to identity. Not the Father Abraham of COKE.
Abram. Hort 56. Syns. Father Abraham, Red Abram.	Va. ?	r	ms	yrs	i	w	su	g		1	Not described.
Accidental. D. Syn. of Nickajack.		rob	m	yrs		yw	s			1	Do.
Acrocock. P. CH 92											Do.
Acromac. R. Syn. Acromac Pipin.	Va.										Do.
Acromac Pipin. Out. Syn. of Acromac											Not described.
Acubacofalla. A 73. [May be identical with Acuba-Leaved Reinette of Thomas.]											
Acid Repka. Gb. Syns. Gov. Ist No. 466, Redpa kishaya, Repka kishaja, Repka Kishaya, Sour Turnip.	Rus.										
Acker. A 85											
Acker Dutchess. R. Syn. Acker's Dutchess. [Dutchess is doubtless correct.]											
Acker's Dutchess. Mimi E K 90. Syn. of Acker Dutchess.											
Ackerman. Out Ex R 82											
Ackers Dutchess. SDB 76											
Acklam. R. Syns. Acklam's Russel, Aclemy Russel	Eng	rob	ms	ru			y	su	g	me	Do. Probably identical with Acker Dutchess.
Acklam's Russel. D. Syn. of Acklam.								g		1	

[illegible]

	Rus.	rc	m	yr			m	g	dm	m	
<i>Anis. K.</i> Syn. of Remouillet Gris											
<i>Anisette.</i> N. Syn. of Anisovka											
<i>Anisim.</i> MHSC'86. Syns. Anisimovka, Jonathan of the North											
<i>Anisimovka.</i> Gb. Syn. of Anisim.											
<i>Anisimovka.</i> Gb. Syn. of Anisim.											
<i>Anisimovskoe.</i> Gb. Syn. of Anisim.											
<i>Anisimovskoe.</i> Gb. Syn. of Anisim.											
<i>Anisjctiti.</i> Gb. Syn. of Yellow Anis.											
<i>Anis koritchnevoe.</i> Gb. Syn. of Cinnamon Anis											
<i>Aniskrasuti.</i> Gb. Syn. of Red Anis											
<i>Anis Kripniti.</i> Gb. Syn. of Large Anis											
<i>Anis Karski.</i> Gb. Syn. of Kursk Anis											
<i>Anis Karski.</i> Gb. Syn. of Kursk Anis											
<i>Anisovka.</i> MHSC'81. Syns. Anisette, Anisovka, Gov. list No. 185											
<i>Anisovka.</i> MHSC'81. Syns. Anisette, Anisovka, Gov. list No. 185											
<i>Anisovka platonitka.</i> Gb. Syn. of Prolific Anis.											
<i>Anisovka platonitka.</i> Gb. Syn. of Prolific Anis.											
<i>Anisovka.</i> Gb. Syn. of Anisovka											
<i>Anispestant.</i> Gb. Syn. of Mottled Anis.											
<i>Anis raspisnoi.</i> Gb. Syn. of Pointed Anis.											
<i>Anis Raspisnoi.</i> Gb. Syn. of Pointed Anisette											
<i>Anis Sacharini.</i> Gb. Syn. of Sweet Anis.											
<i>Anis Sacharini.</i> Gb. Syn. of Sweet Anis.											
<i>Anis Sclatui.</i> Gb. Syn. of Yellow Anis.											
<i>Anis Sclatui.</i> Gb. Syn. of Yellow Anis.											
<i>Anis Sim.</i> Gb. Syns. Anisimovskoe, Anisimovka, Anisim's Apple, Anisimovskoe, Gov. list No. 471, Shiro. to Ia. No. 14.											
<i>Anis zldnui.</i> Gb. Syn. of Green Anis.											
<i>Anjou.</i> L. Syn. Reinette d'Anjou											
<i>Anjou Pippin.</i> IIB45											
<i>Anna.</i> L. Syns. Aunt Anna, Aunt Anna's Seedling											
<i>Annabel.</i> A 73											
<i>Annaberg.</i> D. Syn. of Rostocker.											
<i>Annanas.</i> R. Syn. Annanas Reinette.											
<i>Annanas Reinette.</i> MOH'82. Syn. of Annanas											
<i>Annas Gregoire.</i> BBL											
<i>Anne.</i> Bap. Syn. of Annette											
<i>Anne.</i> L. Syn. Princess Anne Beauty											
<i>Annette.</i> W. Syns. Annate, Betine Brooks, Old Bettie											
<i>Annette.</i> AB. Syns. Black Annette, Blackannette											
<i>Annette (of Black).</i> L. Syns. Black's Annette, Cornell's Early, Cornell's Favorite											
<i>Annie.</i> Va. Michxli											
<i>Annie.</i> R. Syn. Aunt Elizabeth											
<i>Annie Elizabeth.</i> SAW. Syn. of Annie											
<i>Annie Anny.</i> MEXR'30. Syn. of Annie											
<i>Annisson's Apple.</i> Gb. Syn. of Anisim.											
<i>Anthony's Apple.</i> Gb. Syn. of Anisim.											
<i>Anti.</i> R. Syn. Anti-Know-Nothing											
<i>Anti-Know-Nothing.</i> Hort'56. Syn. of Anti											
<i>Antoine.</i> L. Syn. Archiduc Antoine											
<i>Antonovka.</i> Cat. Syn. of Antonovka											
<i>Antonovka.</i> Gb. Syn. of Antonovka											

Same as Anisim.

Not described.

Do.

Mr. Downingsays, new; tree vigorous.

Not described.

Do.

In Buckman's trial orchard.

Not described.

Distinct from preceding. In Downing's appendix.

Not described.

Do.

Do.

Of political significance.

[illegible]

[illegible]

Barnes Choice.	R. Syn Barnes' Choicoz.....
Barnes' Chalice.	Mitchell. Syn. of Barnes' Choicoz.
Barnes' Stripe.	A-87. Syn. Winter St. Lawrence.
Barnes' Stripes.	A-89. Syn. of Murphy.
Barnham.	Vand. Syn. Barnham's Sweet.
Barnham's Seed.	D. Syn. of Barnham.
Barnhill, R.	Syn. Barnhill's Summer.
Barnhill's Summer.	NWFC-62. Syn. of Barnhill.
Barnhill, E.	
Barnock.	BBL
Barnum.	Lath-84
Barre.	MagroH-53. Syn. of Bar.
Barre, D.	Syn. Colville Barre.
Barrett, W.	
Barrett Russell.	IHHI-68
Barrett's Spitzenburgh.	D. Syn. of Newtown Spitzenburg.
Barries.	IHHI-89
Barry.	E&B
Bars.	Cole. SYN. of Bar.
Bar seedling.	JVL
Barthold.	BBL
Barthingme.	BBL
Barthlet, H.	[Hooper says synonym of Priestly.]
Bartlett, E.	Syn. of Bullett.
Bartlett, W.	Syn. of Priestly.
Bartlett Seedling.	OGen-59.
Barton, W.	
Barton Favorite.	BBL
Barton Incomparable.	L. Syn. Barton's Incomparable.
Barton's Incomparable.	D. Syn. of Barton Incomparable.
Barty.	(LC) Syn. Barty Saced.
Batty Speed.	BBL. Gb. Syn. Gov. list No. 971.
Bash (the Great).	Gb. Syn. Gov. list No. 971.
Vasidlis Vekmi,	Wasdill Weikm.
Basked full.	Sage Hill Lc. sweet.
Bason.	L. Syn. Hill Lc. sweet.
Bassett, J.	MagroH-55. Syn. of Basom.
Basset, I.	Syn. Basselt Sweet.
Be sedt Street.	W. Syn. of Bassett.
Bedford Lane.	IHHI-45. Syn. of Wright lane.
Batchelder.	Mussl-70.
Batchelor.	Hort-58. Syn. King Apple.
Bates Cottage.	Ogen-69
Batnagme.	BBL
Battle Az.	SBro. Syn. of Ben Davis.
Battledfield.	W
Batluden.	BBL
Batylan.	AlaBBS
Batullen.	Glb. Syn. V. R. s. to Ia. No. 31..
Baumann.	Vand. Syn. Baumann, Bauman's Reinhette, Baumman's Reinhete, Baumman's Reinhete.
Baummann.	Gb. Syn. of Batman.
Baumman's Reinhete.	Gb. Syn. of Baumann.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
<i>Bauman's Reinett</i> , IllH'94. Syn. of Bauman. [Probably typographical.]	Ont.	re	vl	yts			ma	g	m	l	
<i>Baxter</i> , A'95. Syns. Baxter's Red, Pearme, Pound Apple, Red Pound.	Eng.	robl	l	gts	f	y	sa	g	km	l	From Hogg.
<i>Baxter Pearmain</i> , R. Syn. Baxter's Pearmain											
<i>Baxter's Pearmain</i> , D. Syn. of Baxter Pearmain											
<i>Baxter's Red</i> , A'95. Syn. of Baxter											
<i>Bay Apple</i> , B. Syn. of Drap D'Or											
<i>Bayard</i> , WBro.			ml	dr	f		ma			l	Probably identical with Dark Red Seedling.
<i>Bayeux</i> , L. Syn. Reinette de Bayeux	Belg.	re	l	yt	t	w	a			l	
<i>Bayfordbury Golden Pippin</i> , D. Syn. of Golden Pippin (Eng.)	Minn.			yts	f	w	s			l	
<i>Bay Lake</i> , R. Syn. Bay Lake Sweet.	Mo										
<i>Bay Lake Sweet</i> , MinnHort'96. Syn. of Bay Lake.											
<i>Bayles</i> , L. Syn. Bayles Sweet											
<i>Bayles' Seedling</i> , MJH. Syn. of British Columbia											
<i>Bayles Sweet</i> , Cat.											
<i>Bayles' Seedling</i> , Cat. Syn. of Bayles											
<i>Beach</i> , ARKB'49. Syns. Apple of Commerce, Lady Pippin, Richardson's Red.	Ark.	rob	ml	egts	cj	y	sa	g	dm	vl	
<i>Beachamwell</i> , GenF'33. Syn. of Beachemwell	Eng.	r	ms	yts	t	yw	sa			l	From Ronalds.
<i>Beachemwell</i> , K. Syns. Beachamwell, Beachemwell Seedling, Matcaux's Seedling, Matcaux's Seedling.											
<i>Beach Garden</i> , BEL. NER'32. Syn. of Beachemwell	N. Y.	robe	m	rs			sa	vg	d	m	Not described.
<i>Beadell</i> , D. Syn. Hanover Seedling.	N. Y.	obl	m	w	cj		s	g	k	l	Do.
<i>Beaman</i> , L. Syn. Beaman's Seedling											
<i>Beaman's Seedling</i> , F. Syn. of Beaman											
<i>Bean</i> , GenF'33. Syns. Bean Sweet, Buell's Sweet											
<i>Bean Sweet</i> , E. Syn. of Bean	(?)	re	m	yts	tj		s	g	k	ml	
<i>Beard</i> , BBL. Syn. Bear Sweet.										l	
<i>Beard's</i> , WBKJ. Syn. of Dennis											
<i>Bear Sweet</i> , D. Syn. of Bear	Ohio.	r	m	rs							Do.
<i>Beard</i> , L. Syn. Beard Seedling											
<i>Beard Burden</i> , Hort'47. Syn. of Dyer											
<i>Bearden</i> , R. Syn. Bearden's Improved Shockley											
<i>Bearden's Improved Shockley</i> , SCEsR'98. Syn. of Bearden											
<i>Beard's Seedling</i> , W. Syn. of Beard											
<i>Beau</i> , K.	N. Y.	rob	l	ygb	cj	w	sa	g	k	me	From Judge Buel.
<i>Beaufort</i> , L. Syns. Beaufin Norfolk, Cathed Beaufin, Norfolk Beaufin, Norfolk Beaufin, Read's Baker.	Eng.	ob	l	gt	f					vl	
<i>Beaufin</i> , Norfolk.											
<i>Beaufort</i> , L. Syn. Duke of Beaufort's Pippin											
<i>Beauman</i> , K. Syn. Beauman Winter		rob	l	gts	c	gw	sa			ml	From Lindley. Not described.

<i>Bearskin Winter</i> . BBL.	Syn. of Beauman.
<i>Bean Souge</i> . D.	Syn. of Hollandbury.
Beautiful Arcad.	Gb. Syps. Arkad Krasivui, Arkad Krasiwui, Beautiful Arcade, Gov. list No. 433.
<i>Beautiful Arcade</i> . Gb.	Syn. of Beaufont Arcad.
<i>Beautiful Pippin</i> . H.	Syn. of Ribston.
<i>Beauchy</i> . D.	Syn. of Sutton.
<i>Beauty of Alameda</i> . Wn.	Syn. of Alameda.
<i>Beauty of America</i> . E.	Syn. of Sterling.
Beauty of Bath . SBro.	
<i>Beauty of Kent</i> . NEF'32.	Syn. of Kent Beauty.
<i>Beauty of Nordhausen</i> . BBL.	Syn. of Nordhaussen.
Beauty of Pontoise . CanExR'01.	
<i>Beauty of the Dessert</i> . CGen'60.	Syn. Queen of the Dessert.
Beauty of the Valley . IIIIR'45.	
<i>Beauty of the West</i> . IIIII'08.	
<i>Beauty of the West</i> . MoH'73.	Syn. of Alexander.
<i>Beauty of the West</i> . RNY'56.	Syn. of Domine.
<i>Beauty of the West</i> . Lib.	Syn. of Gresh.
<i>Beauty of the West</i> . GenF'33.	Syn. of Western Beauty.
<i>Beauty of the World</i> . Dap.	Syn. of Morganton.
<i>Beauty of the World</i> . JAY.	Syn. of World Beauty.
<i>Beauty Red</i> . E.	Syn. of Cooper.
Bechtold . R.	Syn. Beechhold's Seedling.
<i>Bechtold's Seedling</i> . A 54.	Syn. of Bechtold.
Becker . TexB8.	
Bedford . BBL.	
<i>Bedfordshire</i> . L.	Syps. Bedfordshire Foundling, Cambridge Pippin.
<i>Bedfordshire Foundling</i> . GenP'33.	Syn. of Bedfordshire.
<i>Bedford Sweet</i> . D.	Syn. of Red and Green.
Beecher . R.	Syn. Beecher's Sweet.
<i>Beecher's Sweet</i> . WisB77.	Syn. of Beecher.
Beechwood . R.	Syn. Beechwood Sweet.
<i>Beechnood Sweet</i> . L.	Syn. of Beechwood.
Beechreak . Edg'nH'90.	Syn. Garden Apple of some.
<i>Beechnut</i> . Edg'nH'77.	Syn. of White Rose.
Beele . Cnt.	(May be same as Biel.)
<i>Beele</i> . Gb.	Syn. of Beele.
Beeleer . I.	Syn. Beeleer's Russet.
<i>Beeleer</i> . L.	Syn. of Beeleer.
Beeleer's Russet . W.	Syn. of Beeleer.
Beeleer Sweet . R.	Syn. Beeleer's Sweeting.
<i>Beeleer's Sweeting</i> . IndH'82.	Syn. of Beeleer Sweet.
<i>Beele Krauzwaiz</i> . Gb.	Syn. of Handsome White.
<i>Beele Krugungia Pradolagmagata</i> . Gb.	Syn. of Large Long White.
<i>Beeleone Schalta Senec</i> . Gb.	Syn. of White Russet.
<i>Beele Rosjissuta</i> . Gb.	Syn. of Painted White.
<i>Beele Strute</i> . MHSC'81.	Syn. of Skruite.
<i>Beele Solotufskipte</i> . Gb.	Syn. of Golden White.
<i>Beele Tikenno Utskiga</i> . Gb.	Syn. of White Teikkanoff.
<i>Beele Weelmas</i> . Gb.	Syn. of White Voehin.
<i>Balgala Tabodka</i> . Gb.	Syn. of White Swan.
Beehold Rowzka . BBL.	

<i>Bergamotte</i> . Gb. Syn. of Bergamot	N. Y.	r	m	gwts	ftj	w	msu	g	1	Perhaps same as following.
<i>Bergamotte</i> . Gb. Syn. of Bergamot	Berzen. Dap.									
<i>Bergamotte</i> . IndH'88.	Mo	rob	1	yts	cj	y	su	vg	d	1
<i>Bergamotte</i> . Hort 61. H. A. 69. Syn. of Bergner										
<i>Bergamotte</i> . ARW										Not described.
<i>Bergamotte</i> . BBL										Do.
<i>Bergamotte</i> . R. Syn. Berk's Reinette			s	yr	mjc	w	msu	g	1	May be same as Berkeley.
<i>Berk's Reinette</i> . CanEXR'01. Syn. of Berk Reinette										
<i>Berkley</i> . Y. Syn. Berkely Red	South	ob		rs			a			
<i>Berkley Red</i> . W. Syn. of Berkely										
<i>Berkley's Apple</i> . Gb. Syn. of Berkoff										
<i>Berkowick</i> . Gb. Syn. of Berkoff										
<i>Berks Co. Golden Pippin</i> . A'77. Syn. of Berks Golden										
<i>Berks Co. Mammoth</i> . IndH'76. Syn. of Berks Mammoth	Pa.	rob	1	y	ftj		su	vg	1	1
<i>Berks Golden</i> . R. Syn. Berks Co. Golden Pippin	Mass.	re	m	yb	ftj	wy	su	g	1	1
<i>Berkshire Spg.</i> . L. Syn. Berkshire Spg										
<i>Berkshire Spg.</i> . Dap. Syn. of Berkshire	Pa.	rob	vl	yts	tj	yw		vg	ml	ml
<i>Berks Mammoth</i> . R. Syn. Berks Co. Mammoth	Wis.		m	rs					ml	ml
<i>Berlin</i> . CH										Not described.
<i>Berlin Colville</i> . BBL										Do.
<i>Berliner classappf.</i> . D. Syn. of Rostocker										May be Nickajack.
<i>Bernard</i> . MichB31	{ Va.? N. C.? Ky.? Rus.	ob	ml	gyts	cj		su		1	Not described. Possibly Nickajack.
<i>Berry</i> . W. Syn. Berry Red										Not described.
<i>Berry</i> . Gb. Synus. Gov. list No. 455. Rabinouka. Rabinovka										Do.
<i>Berry</i> . IndH'81										From Hogg.
<i>Berry</i> . Hort 61. Syn. of Nickajack									1	May be Bests Pool, of Gen- esee Farmer, 1833.
<i>Berry Bough</i> . D. Syn. of Spice Sweet										Not described.
<i>Berry Pippin</i> . ColEXR'92										Not described.
<i>Berry Red</i> . Cat. Syn. of Berry				yts						Do.
<i>Bersdorp</i> . ColEXR'88.										From Hogg.
<i>Bersford</i> . Dap. Syn. of Prior										May be Bests Pool, of Gen- esee Farmer, 1833.
<i>Berton</i> . L. Syn. Berton's Favorite										Not described.
<i>Berton's Favorite</i> . Cat. Syn. of Berton										Not described.
<i>Best Pool</i> . GenF'33. Syn. Best Pool	Eng	re	ml	yts	tj	w	su		1	Not described.
<i>Best Bacher</i> . D. Syn. of Bache										Not described.
<i>Best Polo</i> . IIIH'94										Not described.
<i>Best Pool</i> . D. Syn. of Best Pool										Not described.
<i>Best Red</i> . MichB31	Vt.	r	ml	ys	ct			vg	m	1
<i>Bethel</i> . NEF'55. Syn. Bethel of Vermont, French Nonpareil, Shaker Pippin, Winter St. Lawrence.										
<i>Bethel of Vermont</i> . AndGar'87. Syn. of Bethel										
<i>Bethel Sweet</i> . NHB'8	Ohio?	obe	m	wyts	cj	w	msu	vg	dm	1
<i>Bethlehemite</i> . E	Eng	rob	s	yu	tj	gy	rs	g	1	1
<i>Betsy</i> . D			sm				msu			
<i>Betsy Favorite</i> . R. Syn. Betsy's Favorite										
<i>Betsy's Fancy</i> . E. Syn. of Gray Vandervere										
<i>Betsy Fancy</i> . L. Syn. Betsy's Fancy	(?)	ob	ms	yr	ct		pmu	g-vg	d	1

Biscorsiaft , JVL.....	N. C.	l	rs	y	s	g	ml	
<i>Big's Nonsuch</i> , D. Syn. of <i>Big's</i>								
<i>Big's Green</i> , A'75. Syn. of <i>Bower Nonpareil</i>								
Big Hall , FDCo.....								May be Nickajack or Pryor.
<i>Big Hill</i> , D. Syn. of <i>Nickajack</i>								
<i>Big Hill</i> , E. Syn. of <i>Pryor</i>								Not described.
Big Pippin , A&H.....	Ill.?							
<i>Big Rambo</i> , W. Syn. of <i>Gosh</i>								
<i>Big Rambo</i> , A'77. Syn. of <i>Headley (Ohio)</i>								
<i>Big Rambo</i> , FDCo. Syn. of <i>Western Beauty</i>								
Big Red , IndH'72.....	N. C.?	obc	yl	W	sa	vg	m	Some doubt as to identity.
<i>Big Red</i> , A'56. Syn. of <i>Pottinger</i>	South.	r	y		s			
<i>Big Red Sweet</i> , W.....								
<i>Big Romanoff</i> , E. Syn. of <i>Pennock</i>								
<i>Big Romanoff</i> of some, Dap. Syn. of <i>Greyhouse</i> . [Nay-Seek-no-further.].....								
<i>Big Sweet</i> , Dap. Syn. of <i>Bower Nonsuch</i>								
<i>Big Sweet</i> , D. Syn. of <i>Victuals and Drink</i>								
<i>Big Tree</i> , Dap. Syn. of <i>Mother Favorite</i>								
<i>Big Vanderveer</i> , D. Syn. of <i>Vanderveer Pippin</i>								
<i>Billie's Favorite</i> , P'95. Syn. of <i>Harrah</i>								
Bill Smith , GLA.....								
<i>Billy</i> , L. Syn. <i>Billy's Pippin</i>		ro	l	yls	sa	vg		Not described. From Country Gentleman.
<i>Billy Barker</i> , Garm'60. Syn. of <i>Barker</i>								
<i>Billy Bond</i> , D. Syn. of <i>Belle Bond</i>								
<i>Billy's Pippin</i> , CGen'59. Syn. of <i>Billy</i>								
Birningham , MagofH'52.....	Pa.?	ob	m	y	a		k	
<i>Birningham Pippin</i> , D. (Lind.) Syns. <i>Brumage Pippin</i> , <i>Grumas Pippin</i> , <i>Grumage Pippin</i> , <i>Stone Pippin</i> , <i>Stones</i> . FDCo.....	Eng.?	rob	s	ylu	g		me	
Birningham , (Strodes.) FDCo.....							vl	
Birningham , NYExR'92.....								
<i>Bischoff</i> , L. Syn. <i>Bischoff's Reinette</i>		re	m	ylu	sa		l	Not described. Do.
<i>Bischoff's Reinette</i> , D. Syn. of <i>Bischoff</i>								From Hogg.
Bishop , BBL.....								Not described.
<i>Bishop's Bourne</i> , A'75. Syn. of <i>Bourne</i>								
<i>Bishop's Pippin of Nova Scotia</i> , D. Syn. of <i>Yellow Bellflower</i>								
Bismarek , IUH'94. Syn. <i>Prince Bismark</i>	{Foreign {N. Z. Eur.	ob	vl	grs	w	g	km	{Two varieties, differing in description. Appears to differ from pre- ceding.
Bismarek , A'97. [Described by C. A. Green.].....			l	y		k		
Bissling , Anglar'01.....	Wis.							
<i>Black</i> , Vand. Syns. <i>Black American</i> , <i>Black Apple</i> , <i>Dodge's Black</i> , <i>Jersey Black</i> , <i>Small Black</i>	N. J.?	rob	m	dr	msa	g	dkm	
<i>Black American</i> , Lin. Syn. of <i>American Black</i>								
<i>Black American</i> , E. Syn. of <i>Black</i>								
<i>Black Ams</i> , GEXR'88.....								
<i>Black Ann</i> , Dap. Syn. of <i>Black Coal</i>								
Black Annette , E. Syn. <i>Black's Annette</i>	{N. E. {Va.?	rob	m	dr	w	g	ml	Not described.
<i>Black Annette</i> , AB. Syn. of <i>Annette</i>								
<i>Black Annette</i> , E. Syn. of <i>Annette</i>								
<i>Black's Annette</i> , T. Syn. of <i>Black Annette</i>								
<i>Black's Annette</i> , W. Syn. of <i>Cornell</i>								
<i>Black's Annette</i> , Dap. Syn. of <i>Annette (of Black)</i>								

Blunt.	R.	Syn. Blunt Seedling.	Can.	l	gyts	y	sa	g	l
<i>Blunt seedling.</i>	MHSC'77.	Syn. of Blunt.							
<i>Blush.</i>	Wig.	Syn. of Maiden Blush.							
<i>Blush.</i>	Calville.	Out.						vg	c
<i>Blushed Calville.</i>	MHSC'86.	Syns. Kalvil krasnyi, Shro. to Ia. No. 22.	Rus.	l					
<i>Blushing Bride.</i>	BBL.								
<i>Blush-June.</i>	NWFG'52.	Syn. of Red June. [These are distinct varieties. R.]							
<i>Blunt.</i>	ColExR'89.								
<i>Boalsburg.</i>	MagofH'53.		Pa.	oble	yts	j	sa	g	l
<i>Boardsman.</i>	P'st.		Pa.	obr	ms	ffj	psa	vg	l
<i>Boas.</i>	WHR.	Syn. of Keller.			gyts	ffj		d	
<i>Boatman's Seedling.</i>	A'81.	Syn. of Wallace Howard.							
<i>Bode.</i>	Gb.	Syns. Bode's Apple, Bodevskoe, Gov. list No. 385.	Rus.						
<i>Bode's Apple.</i>	Gb.	Syn. of Bode.							
<i>Bodenskoe.</i>	Gb.	Syn. of Bode.							
<i>Bodenskoe.</i>	Gb.	Syn. of Bode.							
<i>Bodickheimer.</i>	D.	Syn. of Postocker.							
<i>Bogdanoff.</i>	MHSC'81.	Syns. Bogdanoff (Riepkal), God Given, Glorified	Rus.	l					
<i>Domine.</i>	V. R. S. to Ia. No. 16.								
<i>Bogdanoff Glass.</i>	L.	Syns. Bogdanoff's Glass, Steklanka Bogdanoff,	Rus.						
<i>V. R. S. to Ia. No. 17.</i>									
<i>Bogdanoff's Glass.</i>	Gb.	Syn. of Bogdanoff Glass.							
<i>Bogdanoff (Riepkal).</i>	Gb.	Syn. of Bogdanoff.							
<i>Bogdanoff White.</i>	IaB1.	Syn. of White Bogdanoff.	Val.	robe	ml	yeb	sa	g	me
<i>Bohanon.</i>	E.	Syns. Bohannon, Buchanan.							
<i>Bohanon.</i>	MagofH'52.	Syn. of Bohannon.							
<i>Bohemian.</i>	R.	Syn. Bohemian Favorite.							
<i>Bohemian.</i>	R.	Syn. Bohemian Favorite.							
<i>Bohemian Favorit.</i>	CanExR'01.	Syn. of Bohemian.							
<i>Bohemian Girl.</i>	MHSC'81.								
<i>Boiken.</i>	Gb.	Syns. Boikenapfel, V. R. S. to Ia. No. 32, Boyken.	Rus.	ml				g	m
<i>Boikenapfel.</i>	Gb.	Syn. of Boiken.							
<i>Bokovec.</i>	MHSC'86.	Syn. Shro. to Ia. No. 42.	Rus.						
<i>Boltz.</i>	HSR'85.		Pa.	r	ms	yb	sa	vg	l
<i>Bombardier.</i>	CanExR'88.								
<i>Bombardier.</i>	BBL.								
<i>Bomb-shell.</i>	BBL.								
<i>Bond.</i>	MagofH'42.	Syn. Bond's Red Winter.							
<i>Bond's Red Winter.</i>	Cden 69.	Syn. of Bond.							
<i>Bonegardner.</i>	BBL.								
<i>Bonford.</i>	Hort'75.	Syn. of Pryor.							
<i>Bon Homme.</i>	E.	Syn. Bon Homme County.	S. D.	rob	m	g	a	g	l
<i>Bon Homme County.</i>	SDB'76.	Syn. of Bon Homme.							
<i>Bonne de Mai.</i>	D.	Syn. of Rap d'Or.							
<i>Bonne D'ange.</i>	P.	Syn. of Haindavy.							
<i>Bonne Marie.</i>	K.	Syn. of White Calville.							
<i>Bonne Virginia.</i>	D.	Syn. of Virginia.							
<i>Bon Sweet.</i>	As3.								
<i>Bonum.</i>	Hort'58.	Syns. Magnum Bonum, Sumnum Bonum							
<i>Bor.</i>	NWFG'55.								
<i>Bor.</i>	W.	Syn. of Oldenburg.	N. C.	ob	m	yres	ffj	ws	ml
<i>Bordauer Gold Reinette.</i>	D.	Syn. of Bordeaux.						vg	d

Origin Bon Homme County,
South Dakota.

Not described.

Do.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Bowback , L. Syn. Bowback Sweet.....	Ohio.....	r	m				s			m	
Bowback Sweet , MagofH'41. Syn. of Bowback.....	R. I.....	robl	m					g	m	m	
Bowen , A'83. Syn. Bowen Favorite.....	Kan.....	obl	ml	gyrs	fy	yw	bmsa	vg		vl	
Bowen Favorite , A'83. Syn. of Bowen.....	Mass.....		m	yb			sa			l	
Bowen Seedling , R. Syn. Bowen's Seedling.....	Va.? ²	ob	l	gyb	ftj	w	msa			l	Not described.
Bowen's Seedling , A'77. Syn. of Bowen Seedling.....											Do.
Bower , R. Syns. Bower's Apple, Bower's Golden Pippin, Bower's Russet.....											Do.
Bower's Apple , MagofH'52. Syn. of Bower.....											
Bowers Golden Pippin , GenF'33. Syn. of Bower.....											
Bower Nonpareil , R. Syns. Big Green, Big Sweet, Bower's Nonpareil.....											
Bower's Nonpareil , Dup. Syn. of Bower Nonpareil.....											
Bower's Russet , GenF'33. Syn. of Bower.....											
Bowery , MunnB1.....											
Bow Hill , R. Syn. Bower Hill Pippin.....											
Bow Hill Pippin , BBL. Syn. of Bow Hill.....											
Bowler , D.....											
Bowling , A. Syn. Bowling Sweet.....											
Bowling Sweet , D. Syn. of Bowling.....											
Bowman , L. Syn. Bowman's Excelsior.....											
Bowman's Excelsior , A'85. Syn. of Bowman.....											
Bowman's Imperial Russet , Lin. Syn. of Columbian Russet.....											
Bowler , L. Syn. Bowler's Russet.....											
Bowley's Russet , D. Syn. of Bowley.....											
Boxford , M. Syn. of Stump.....											
Boxford , A'79. Syn. of Stump.....											
Box Russet , IdaB6. [Probably (Roxbury) Russet.].....											
Boyd , A.....											
Boyd , MoB6. Syn. of Clayton.....											
Boyd Delight , R. Syn. Boyd's Delight.....											
Boyd's Delight , CanExR'01. Syn. of Boyd Delight.....											
Boyden , R. Syn. Boyden Sweet.....											
Boyden Sweet , MagofH'43. Syn. of Boyden.....											
Boyken , AmGar'93. Syn. of Bolken.....											
Brabant , L. Syns. Brabant Bellefleur, Brabant Belleflower, Brabauche Belle Fleur, Iron Apple.....											
Brabant Bellefleur , K. Syn. of Brabant.....											
Brabant Belleflower , Cole. Syn. of Brabant.....											
Brabauche Belle Fleur , GenF'33. Syn. of Brabant.....											

Not described.

Do.
Do.

From Lindley.

Not described.

Boyd and Clayton are confused in Mo. See Mo. H., '88, 329.
Not described.

Do.

[illegible]

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origln.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Bufftown. R. Syn. Bufftown Seedling.....											Not described. Do.
Bufftown Seedling. IIIH'96. Syn. of Bufftown.....											
Bulldose. BBL.....											
Bulder. R. Syn. Jonathan (of Buler).....		ob	ml	gys	fte	w	sa	g	k	m	
Bulla. IndH'88.....	Ind?	c	l	y						l	
Bullet. E. Syn. of Bullett.....										vl	
Bullett. T. Syns. Bartlett, Bullet, Priestly of some Greening.....		oblob	m	vr			sa	g		vl	
Bullett. D. Syns. Crutchfield Greening, Green Abram, North Carolina Greening.....	South...	ob	m	grs	fmj	w	sa	g			
Bullalt. D. Syn. of Green Abram.....											
Bull Golden. L. Syn. Bull's Golden Relnette.....	Eng	rob	m	yob	tj	y	s	g		ml	
Bull Head. IIIH'45.....											
Bullman. R. Syn. Bullman's Strawberry.....											
Bullman's Strawberry. IIIH'88. Syn. of Bullman.....											
Bullock. VanD. Syns. American Golden Russet, Bullock's Pippin (Fall Winesap, erroneously), Fox Apple (of some), Golden Russet, Hunt's Russet, Little Pearmain, Long Tom, Sheepnose, Sheep's Snout.....	Am...	ro	ms	yrn	vtj	y	sa	b	d	m	
Bullock's Pippin. C. Syn. of Bullock.....											
Bullock's Pippin of some. D. Syn. of Ewalt.....											
Bullock's Pippin or <i>Sheepnose</i> (incorrectly). Dap. Syn. of Hunt Russet.....											
Bull's Golden Relnette. D. Syn. of Bull Golden.....											
Bullripe. Hort'47. Syn. of Ewalt.....											
Bully Pippin. BBL. Syn. of Ewalt.....											
Bunch. McGofH'38. Syn. of Ewalt.....											
Bunch. R. Syn. Bunch Apple.....											
Bunch Apple. IIIH'70. Syn. of Bunch.....											
Buncomb. A'60. Syn. of Buckingham. [Some doubt as to their identity.].....											
Buncombe. D. Syns. Bachelor, Bunkum, Jackson's Red, Kirby's Red, Lady Finger Pippin, Maig's Power's, Red Fall Pippin, Red Gillflower, Red Lady Finger, Red Vandevere, Red Winter Pearmain, Robertson's Pearmain, Southern Fall Pippin, Tinson's Red.....	N.C.?... [South?]	robe	ml	ywr	tjm	wy	sa	g-vg	dk	l	
Bunker. A'85.....											Do.
Bunkerhill. R. Syn. Bunker Hill.....											
Bunker Hill. Dap. Syn. of Bunkerhill.....											
Bunkum. D. Syn. of Buncombe.....	N.Y.	rc	m	wyrs	ftj	ws	sa	vg	d	m	
Bunnell. A'85.....											
Buran. IIIH'68.....											
Burbank. R. Syn. Burbank's Bellflower.....											Do.
Burbank's Bellflower. OntExR'82. Syn. of Burbank.....											Do.
Burchard. IIIH'45.....			ms	yrn				g		l	

From Hogg.
Not described.
May be Red Canada.

Not described.
Do.

Do.

Do.
Do.
Do.

Mo	t	gyt	rob	m	y	y	s	g	d	l	
Bark. MoH'99. Syn. Burke.											
Berke. IIIH'99. Syn. of Bark.	Eng	m	rob	m	yeb	tj	y	s	g	v	
Burleigh. L. Syns Lord Burghley, Lord Burleigh.											
Burley. R. Syn. Burley's Sweet.											
Burley's Sweet. IIIB'45. Syn. of Burley.											
Burlin. MagoffH'38.											
Burlington. P'86.	Lowa	m	re	m	y	tfj	y	msa	vg-b	vk	
Burlington. A'95. Syn. of Burlington Pippin.											Do.
Burlington. D. Syn. of Newtown Spitzenburg.											
Burlington Greening. L. Syn. Greening Burlington.											
Burlington Greening. C. Syn. of Rhode Island.											
Burlington Pearmain. DomEnc.											
Burlington Pippin. Dup. Syns. Burlington, Town House.											
Burlington Spitzenberg. DomEnc. Syn. of Newtown Spitzenburg.	Vt.	ml	obe	ml	wys	tj	ws	psu	g	dm	ml
Burlowka. Gb. Syn. of Burlovka.											
Burlovka. Gb. Syns. Burlovka, Burlovka, Gov. list No. 183.	Rus										
Burlovka. Gb. Syn. of Burlovka.											
Burnan. R. Syn. Burnan's Sweet.											
Burnan's Sweet. IIIB'45. Syn. of Burnan.											
Burner. R. Syn. Burner Green.											
Burner Green. IIIB'68. Syn. of Burner.											
Burnett. MagoffH'33.	N.Y.	l		l	y		s	vg		l	
Burnham. R. Syn. Burnham Sweet.	Conn.?										
Burnham Sweet. A'71. Syn. of Burnham.											
Burnhap. L. Syn. Burnhap Greening.	Vt.	ml	r	ml			su			ml	
Burnhap Greening. T. Syn. of Burnhap.											
Burning. R. Syn. Burning Coal.											
Burning Coal. IIH'96. Syn. of Burning.											Do.
Burns. Hort'72. Syn. Burns Seedling. [Reported by J. H. Haynes, of Indiana.]											Do.
Burns Seedling. GenF'33. Syn. of Burns.											
Burnt Island. K. Syn. of Fenouillet Gris.											
Burr. L. Syn. Burr's Seedling.	Eng	m	re	m	yb	tj	y	su		m	From Hogg.
Burr. Gb. Syn. of Lapouchee.											
Burr Apple. GenF'33. Syn. of Lapouchee.											
Burrell. L. Syn. Burrell's Red.	Eng	ml	c	ml	r	j		a		ml	From Ronalds.
Burrell's Red. D. Syn. of Burrell.	Vt.	m	re	m	gy	jc		psu	g	l	
Burroughs. L. Syn. Burroughs's Greening.											
Burroughs's Greening. D. Syn. of Burroughs.											
Burrow. TennBX'1. Syn. Giles Beauty.	Tenn	l	rob	l	yts	ctj	y	sa	vg		
Burrowsan. K. Syn. Canada Burrowsan.											
Burr Seedling. D. Syn. of Burr.											
Burr Seedling further. D. Syn. Burr's Seedling further.											
Burr Seedling further. IIH'51. Syn. Burr's Seedling further.											
Burr Sweet. D. Syn. Burr's Sweet.	Mass.	m	obe	m	yts	tj	y	s	vg	l	
Burr's Winter Sweet. MaffH'33. Syn. of Burr Sweet.											
Burschhoff. K. Syn. of Burschhoff.											
Burschhoff. D. Syn. of Burschhoff.											
Burston. R. Syn. Bust Open.		m	ob	m	wys	tmj	w	msa	g	m	Do.
Burst Open. D. Syn. of Burstopen.											
Burton. CalEx'88.											
Burton Ice. R. Syn. Burton's Ice Core.		l		l						m	

May be same as preceding.

Not described.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

From Hogg.

From Ronalds.

Not described.

Do.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Burton's Ice Core</i> , TCF, Syn. of Burton Ice.	Rus.										Not described.
<i>Buschbohn</i> , Gb. Syns. Buschboh, Gov. list No. 162.											
<i>Buschboh</i> , IaH'83, Syn. of Buschbohn	Pa.	obe		yb	fm	w	msa	vg	m	m	
<i>Bush</i> , Hort'53	Ohio.	robe	ml	wrs		w	a	m	m	m	
<i>Bush Beauty</i> , L. Syn. Bush's Beauty.											
<i>Bush's Beauty</i> , W. Syn. of Bush Beauty	Ohio.	ob	m				sa	g	me	me	
<i>Bushnell</i> , A'77	N. J.	re	l	y				g	vl	vl	
<i>Bushwhacker</i> , D.											
<i>Bushy</i> , Gb. Syn. of Kustoe.											Do.
<i>Bushy Peter</i> , SDB4											Do.
<i>Bustamenter</i> , S&W											
<i>Butskaya Zelenka</i> , Gb. Syn. of Green Butskaya.											
<i>Butter</i> , D	Pa.	r	ml	y			w	rys	k	m	The numerous so-called varieties which appear under this name are not certainly distinct sorts. Buttermore appears to be a favorite name for any good apple, and has thus been largely used, without having any distinctive meaning or application further than its convenience.—Ragan.
<i>Butter</i> , E. Syn. Butter Apple		r	ms	yr	t	yw	s	g	l	l	
<i>Butter</i> , W	Ind.	r	s					s	k	l	
<i>Butter</i> , V								s			
<i>Butter</i> , W	Pa.	r	ml	y				sa	g	m	
<i>Butter</i> , W		obl	l					s	g	m	
<i>Butter</i> , E	Pa.?	r	m	ru				s	l	l	
<i>Butter</i> , E. Syn. of Molasses.											
<i>Butter</i> , MagoH'47, Syn. of Butter Sweet											
<i>Butter Apple</i> , H. Syn. of Apple Butter											
<i>Butter Apple</i> , E. Syn. of Butter						yg	a		l		
<i>Buttermore</i> , K. Syn. Buttermore's Seedling	Minn.		ml	grs							
<i>Buttermore's Seedling</i> , MinnHort'96, Syn. of Buttermore											
<i>Butternut</i> , MinnExR'90											
<i>Butter of some</i> , E. Syn. of Sweet Bellflower											
<i>Butter Pipka</i> , Gb. Syn. of Gorke Pipka.											
<i>Butter Pipkin</i> , D. Syn. of Golden Pippin.											
<i>Butters</i> , D. Syn. of Baldwin											
<i>Butter Sweet</i> , MagoH'47, Syns. Butter, Fulkersons.	Ohio.	ob	s	yr	tfj	y	vs	vg	k	ml	
<i>Butter Sweet of Pa.</i> , BBL.								s			
<i>Button</i> , W.		ob	ml	rs				sa	g	l	Do.
<i>Button Core</i> , W.	Mass.	r									
<i>Buyer</i> , R. Syn. Buyer's Seedling											
<i>Buyer's Seedling</i> , A'54, Syn. of Buyer											
<i>Buzby</i> , L. Syn. Buzby's Early.	N. J.	rob	m					sa	g	me	Do.

<i>Buzby's Early.</i>	RNY'70.	Syn. of Buzby.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Calville Ananas de Liege</i> . D. Syn. of Liege											
<i>Calville Blanc</i> . D. Syn. of Summer White											
<i>Calville Blanche à Coté's</i> . D. Syn. of Cote											
<i>Calville Blanche d'Éve</i> . Lin. Syn. of Summer White											
<i>Calville Blanche d'Hiver</i> . GenF'33. Syn. of White Calville.											
<i>Calville Boisbunel</i> . BBL											
<i>Calville d'Angleterre</i> . GenF'33. Syn. of Cornish Gilliflower											
<i>Calville d'Automne</i> . D. Syn. of Red Autumn.											
<i>Calville d'Hiver de Mensfeld</i> . D. Syn. of Mensfeld											
<i>Calville de Quillius</i> . AndN. Syn. of Quillius											
<i>Calville des Prairies</i> . D. Syn. of Prairie											
<i>Calville d'Éve</i> . D. Syn. of Summer Calville.											
<i>Calville Étoile</i> . D. Syn. of Star Reinette											
<i>Calville Étoille</i> . D. Syn. of Étoille											
<i>Calville Malingre</i> . GenF'33. Syn. of Malingre											
<i>Calville of Abbottsford</i> . SDB76.											
<i>Calville Precocce</i> . K. Syn. Calville Rouge Precocce.											
<i>Calville Rouge</i> . D. Syn. of Red Autumn											
<i>Calville Rouge d'Alphonse</i> . D. Syn. of Red Calville											
<i>Calville Rouge d'Alphonse</i> . D. Syn. of Red Calville.											
<i>Calville Rouge d'Automne</i> . K. Syn. of Red Calville											
<i>Calville Rouge d'Automne</i> (incorrectly). D. Syn. of Framboise.											
<i>Calville Rouge d'Éve</i> . D. Syn. of Summer Calville											
<i>Calville Rouge d'Hiver</i> . D. Syn. of Red Calville											
<i>Calville Rouge de Micond</i> . K. Syn. of Micond											
<i>Calville Rouge Normande</i> . K. Syn. of Red Calville.											
<i>Calville Rouge Precocce</i> . BBL. Syn. of Calville Precocce											
<i>Calville Royale d'Hiver</i> . D. Syn. of Red Calville.											
<i>Calville Saint Sauveur</i> . D. Syn. of Sauvcur.											
<i>Calville Summer-red</i> . Gb. Syn. of Red Summer Calville											
<i>Calville Tulipe</i> . D. Syn. of Tulip											
<i>Calville vraie des Allemande</i> . D. Syn. of Red Calville											
<i>Calville Weisser Sommer</i> . Gb. Syn. of White Summer Calville											
<i>Calville White Winter</i> . W. Syn. of White Calville											
<i>Camac's Sweet</i> . MagotH'53. Syn. of Camac											
<i>Camack</i> . L. Syn. of Camac											
<i>Camack's Sweet</i> . L. Syn. of Camac											
<i>Camack's Sweet</i> . W. Syn. of Camac											
<i>Camack's Winter Sweet</i> . D. Syn. of Camac											

Not described.

Do.
Do.

Cardinal.	Gb. Syn. Gov. list No. 448, Kardinal.	Rus. Iowa	c	v1	r	w	sa	m	Not described. Originated in Dallas County, Iowa.
<i>Cardinal (Alini)</i> , BBL.	Syn. of Celini								
<i>Cardinal (Peter)</i> , BBL.									
<i>Cardinal Red</i> , D.									
<i>Carry</i> , R. Syn. Carry's Pippin		Eur.	obe	m	dr	fj	sa	g	
<i>Carry's Pippin</i> , W. Syn. Carry's Seedling.		Ohio.	r	l			s	g	
<i>Carry's Seedling</i> , D. Syn. of Carry's Seedling		Ohio.	r	s	yb	t	sa	g	
<i>Carlyle's Seedling</i> , D. Syn. of Carry's Seedling									
<i>Carlyle</i> , L. Syn. Carlyle Codlin		Eng.	o, b	m	gy	tcj	w	k	Probably Carthouse, From Hogg.
<i>Carlyle Codlin</i> , Conf'83. Syn. of Oarlike									
<i>Carlyle</i> , MichB17		N. J.	re		gyb		s	vg	
<i>Carlin</i> , R. Syn. Carlin Island Seedling								dk	
<i>Carlin Island Seedling</i> , E&F77. Syn. of Carlin.									
<i>Carmel</i> , L. Syn. Carmel Sweet, Carmel Sweet, Speckled Sweet.		N. Y.	ob	m	gyb	jt	w	vg	
<i>Carmelle</i> , R. Syn. Carmelle Reimette			c	l	gy	t	w	msa	
<i>Carmelle Reimette</i> , CanEXR'91. Syn. of Carmelle.									
<i>Carmel Sweet</i> , D. Syn. of Carmel									
<i>Carmel Sweet</i> , W. Syn. of Carmel									
<i>Carmel</i> , ColEXR'91									
<i>Carnahan</i> , E. Syn. Carnahan's Favorite, Carnahan's Favorite.		Ohio.	re	l	yrs	ft	psa	g	Not described.
<i>Carnahan's Favorite</i> , D. Syn. of Carnahan		South.	ob	m	rru	j	psa	vg	From Gardening for the South.
<i>Carnation</i> , D.									
<i>Carnet's (Carnet's H) Favorite</i> , H. Syn. of Cornell.									
<i>Carolina</i> , A'60. Syn. of Ben Davis.									
<i>Carolina</i> , W. Syn. of Nickajack.									
<i>Carolina Baldwin</i> , W. Syn. Caroline		(South.)	ob	m	yrs	cjm	y	sa	Downing and Warder differ in descriptions.
<i>Carolina Beauty</i> , P'95		N. J.	obc	ml	yr	cj	y	sa	May be Green Cheese.
<i>Carolina Greening</i> , W.		N. C.	ob				sa		
<i>Carolina Greening</i> , D. Syn. of Green Cheese.		South.	ob				sa		
<i>Carolina Horse</i> , W.		South.	r	l			sa	g	
<i>Carolina Horse</i> , A'95. Syn. of Red June									
<i>Carolina June</i> , A'95. Syn. of Red June									
<i>Carolina June</i> , P'Far'52. Syn. of Striped June (?). [Very probably Red June.]		South.	r	l	rs		sa		
<i>Carolina</i> , of some E. Syn. of White Juncating		N. C.	rob	ml	rs		sa		
<i>Carolina Pippin</i> , IndH'66									
<i>Carolina Queen</i> , T. Syn. Carolina Winter Queen									
<i>Carolina Red</i> , IllB45				m			g	l	
<i>Carolina Red</i> , F. Syn. of Red June									
<i>Carolina Red June</i> , H. Syn. of Red June									
<i>Carolina Redstrake</i> , D. Syn. of Ben Davis									
<i>Carolina Red Stripe</i> , D. Syn. of Redstripe									
<i>Carolina Russet</i> , W.		N. C.	rob	m	ru		sa	g	
<i>Carolina Spier</i> , D. Syn. of Nickajack									
<i>Carolina Striped June</i> , D. Syn. of Striped June (?). [Very probably Red June.]									
<i>Carolina Sweet</i> , D.		South.	rob	ml	yb	cm	y	p	
<i>Carolina Watson</i> , D. Syn. Caroline Watson			obc	l	grs	w	sa	g	
<i>Carolina Winter</i> , Dup. Syn. of Nix									

[illegible]

	South	vl					km	ml	Do.
Cherokee, L. Syn. Cherokee Red. <i>Charley Red.</i> W. Syn. of Cherokee Cherry. R. Syn. Cherry Neverfail.								Said to resemble Bucking- ham. Not described.	
Cherrycreek, R. Syn. Cherry Creek. <i>Cherry Crank.</i> IndH72. Syn. of Cherryvreck. <i>Cherry Nymphail.</i> BAC. Syn. of Cherry Cherry Red. A'89 Chesapeake. Cal Choschorouch. Russ'd. A'60 Closchote. W Closter. D. Syns Chester Apple, Chester Redstreak <i>Closter Appl.</i> A'56. Syn. of Chester Chester County. Dap Chesterfield. R. Syn. Chesterfield Pipin <i>Chester Early White.</i> OKEXR'98. Syn. of Chester White <i>Chesterfield Pipin.</i> Hort'57. Syn. of Chesterfield Geeseter Pearmain. D Chester Red. W <i>Chester Redstreak.</i> D. Syn. of Chester <i>Chester Spitzenberg.</i> D. Syn. of Chester Spitzenberg. Chester Spitzenberg. R. Syn. Chester Spitzenberg. Chester White. R. Syn. Chester Early white. Cheshuk. MagoffH'35. Syn. of Chatingue Cheston. Hort'58. Syn. Rabbit's Head Chestdon. 11B45 Chicago. SBro Chicago. NYB80 Chicago. D. Syn. of Island Chief Good. E. Syn. Sumnum Bonum Childs. Dap CHILL. C Chillothee. W Chillothee Redstreak. RVN'61. Syn. of Chillothee Streak Chillothee Streak. L. Syn. Chillothee Redstreak Chillothee Sweet. Dap. Syn. of Bailey Sweet Chimney. W. Syn. of Fauscuse China Rose. L. Syns. Rose, Rose Apple of China Chipplin. I'94 BB Chippin of Wine. CHL Chisman. IndH'91. Syn. Chisman's Beauty <i>Chisman's Beauty.</i> IndH'84. Syn. of Chisman Cliffenden. 11B177 Choice. L. Syns. Melt-in-the-Mouth of some, People's Choice. Onice. Kentuck. Cat <i>Choice Kentucky.</i> JIN. Syn. of Kentuck <i>Choice Kentucky.</i> WHWS. Syn. of Smith Cholomouski. JWAS Chrisman. JWA'S Christappell. GB Christ Birth. MHSC'81. Syn. of Christmas									
	Ky	l	yrs	tj	w	su		m	
	Mc	rdb	yrs	fj	w	su		ml	
	Pa.	obl			s	d		m	
	Ohio.	ob			su	g		l	
	Ohio.	c	l		su	g		l	
	Eng	obl	l	grs	j	p		m	
	Comm	re	s	gys	y	su	vlg	vl	
	Pa.	obl	m	rs	fj	bss	g	l	
	Iowa			y	tj	su	vlg	vl	

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Flesh.		Quality.	Use.	Season.	Remarks.
				Color.	Texture.	Color.	Flavor.		
<i>Cole Apple</i> , K. Syn. of Cole.									
<i>Cole Ben Davis</i> , SBro. Syn. of Cole Davis.									
<i>Cole Davis</i> , R. Syn. Cole Ben Davis.									
<i>Coleman</i> , L. Syn. Coleman's Red.									
<i>Coleman</i> , D. Syn. of Twenty Ounce.									
<i>Coleman's Red</i> , Cat. Syn. of Coleman.									
<i>Cole's Queen Apple</i> , F. Syn. of Cole.									
<i>Cole's Quince</i> , Cole. Syn. of Quince (Cole)									
<i>Colfax</i> , P'94.	Wash.	robl	vl						
<i>Collett</i> , DomEnc.			l						
<i>Collett</i> , A'60.			rs						
<i>Collins</i> , AFB49. Syns. Champion, Collins' Red, Coss' Champion, Coss' Red.	Ark.	rob	ml						
<i>Collins' Red</i> , ARKB49. Syn. of Collins.									
<i>Columbian</i> , SDB76.	Iowa.	rob	l						
<i>Colonel Vaughn's</i> , D. Syn. of Vaughan Pippin.									
<i>Colonial</i> , K. Syn. Colonial Pippin.									
<i>Colonial Pippin</i> , BBL. Syn. of Colonial.									
<i>Colonial Washington</i> , BBL.									
<i>Colorado</i> , L. Syn. Colorado Orange.	Colo.								
<i>Colorado Favorite</i> , Cat.									
<i>Colorado Orange</i> , Cat. Syn. of Colorado.									
<i>Colorado Red</i> , ColB17.									
<i>Colorado Seedling</i> , ColB17.									
<i>Colored Haworth's Pippin</i> , GenF'33. Syn. of Harbord.									
<i>Colton</i> , AmGar-91. Syn. Early Colton.									
<i>Columbia</i> , W. Syns. Columbia Hyde, Granny Hyde, Hyde.	Conn.	ob	m						
<i>Columbian Hyde</i> , Dap. Syn. of Columbia.									
<i>Columbian</i> , D.	Pa.	obc	m						
<i>Columbian Russet</i> , Lin. Syn. Brown's Imperial Russet.		rob	m						
<i>Columbian Russet</i> , D. Syn. of Clarke Pearmain.									
<i>Columbus</i> , L. Syn. Columbus Red.									
<i>Columbus Red</i> , W. Syn. of Columbus.									
<i>Colvert</i> , D. Syn. Prussian.									
<i>Colville Barre</i> , D. Syn. of Barre.									
<i>Comale's Sweet</i> , F. Syn. of Camak.									
<i>Commerce</i> , IIIH'97. [This is probably Beach.]									
<i>Companion</i> , W.	South.	ob							

Not described.
Do.

Do.

Origin with A. F. Colman,
Corning, Iowa.

Not described.

Do.

Do.

Do.

Do.

Warder says "much like
Golden Pearmain."

Not described.

Company.	Magoff H 42	Val.	l	rs				g-vg		vl	Do.
Competition.	A 97.									ml	
Complete.	Gen F 33. Syn. of Padley.										
Complete d'Orléans.	III B 45. Syn. of Red Astrachan.										
Compton.	III B 45. Syn. Compton Climax.										
Compton Climax.	Carl H 93. Syn. of Compton.										
Comstock.	Magoff H 50.										
Comstock's Garden.	D. Syn. of Garden.										
Con.	R. Syn. Con's Seedling.		m	r						l	
Conant's Red.	W. Syn. of Conant's Red Winter, Conant's Sweet.	Ohio.	m	yru	fj	y	su			m	
Conant's Red Winter.	Magoff H 41. Syn. of Conant's Sweet.										
Concombre Ancien.	K. Syn. of Fall Pippin.										
Concombre Ancien.	E. Syn. of White Spanish.										
Concombre des Charentais.	D. Syn. of Saint Julien.										
Concord.	R. Syn. Concord Pearmain.										
Concord Pearmain.	A 81. Syn. of Concord.										
Condit.	L. Syn. Condit Sweet.	N. J.	r	s	wyb	tj	y	ps	g	m	
Condit Sweet.	D. Syn. of Condit.										
Conford.	Dap. Syn. of Pryor.										
Conger.	BBI.										
Congress.	Magoff H 47. Syns. Congress Apple, Jackson Apple, Tyler Apple.	Mass.	rob							m	
Congress Apple.	A 73. Syn. of Congress.										
Conic Junc.	Dap. Syn. of Kirkbridge.										
Conkey.	(LC)										
Conking.	R. Syn. Conking's seedling.										
Conking's Seedling.	Hort 65. Syn. of Conking.										
Connecticut Apple.	E. Syn. of Golden Ball.										
Connecticut Cake.	D. Syn. of Cake.										
Connecticut Hund.	L. Syns. Baldwin (erroneously), Guttry, Hunt's Connecticut.		rob	l	rs	c	y	su	g	l	
Connecticut Red.	L. Syns. Connecticut Red Cheek, Connecticut Red Side, Connecticut Red Streak.	Conn.	rob	ml	gyb	ctj	w	su	g-vg	d	
Connecticut Red Cheek.	Dap. Syn. of Connecticut Red.										
Connecticut Red Side.	Dap. Syn. of Connecticut Red.										
Connecticut Red Streak.	Dap. Syn. of Connecticut Red.										
Connecticut Seed no farther.	D. Syn. of Westfield.										
Connecticut Summer Sweet.	D. Syn. of Connecticut Sweet.										
Connecticut Sweet.	L. Syn. Connecticut Summer Sweet.	Conn.	r	m	yfs	ft	y	s	vg	dk	
Connecticut Sweet.	L. Syn. Connet's Sweet.		rob	l	yt		y	s		l	
Connet's Sweet.	T. Syn. of Connet.										
Conquest de Végère.	Magoff H 43. Syn. of Végère.										
Conrad.	L. Syn. Conrad's Eating.		ob								
Conrad's Eating.	W. Syn. of Conrad.	Pa.	re	s	wrs	tjm	w	su	g-vg	d	
Con's Seedling.	TCF. Syn. of Con. [Con may be same as Cons. R.]										
Constantine.	Lat 80. Syn. Grand Duke Constantine.	Rus.	l	rs	f			su	g	km	
Contin.	L. Syn. Contin Reinette.	Scot.	m	yt		y		pa		m	
Contin Reinette.	D. Syn. of Contin.										
Continental.	BBI.										
Converse.	JVC										

From Hoag.

Not described.

Do.

	Oholo.	obl	m	rs	s	g	l
Cope, R. Syn. Cope's Red Sweet. Cope's Red Sweet. W. Syn. Cope's Cope Sweed, L. Syn. Cope's Sweet	Ohio	r	m		s	g	l
Coppanthorpe Crab. D. Syn. of Dutch Mignonme. Copperschmidt. A79. Syn. of Balls							
Coppin's Mammoth. Dap. Syn. of Gloria Mundl							
Coppliette. JVC							
Coral. L. Syn. Coral Blush.	Hll	ob	m	yt	su	yg	e
Coral Blush. D. Syn. of Coral	Scot	r	m	gy	cj y	bsh	k ml
Corbish. D. Syn. of Cutogoa							
Cordwall. D. Syn. of Rymer							
Core, Cat.							
Cortlander Rose. D. Syn. of Court-Pendu Plat							
Cork. R. Syn. Cork Russet.	Mass.?	obl	l	ru	s	g k	l
Cork Russel. MagroH'35. Syn. of Cork							
Corlies. Hort'66. Syn. Corlies' Sweet, Corlies' Sweeting	N.J.	re	m		s	g ck	m
Corlies' Sweet. C. Syn. of Corlies							
Corlies' Sweetling. Lib. Syn. of Corlies	[Ph. Vn.]	oble	m	yrc	w	yg d	e
Cornell, (L.C.). Syn. Black's Annette, Cornell's Fancy, Carnel's Favorite, Cornell's Favorite.							
Cornell's Early. Dap. Syn. of Annitte (of Black)							
Cornet's Early. Lib. Syn. of Sine-que-non							
Cornet's Fancy. D. Syn. of Cornet							
Cornet's Favorite. Dap. Syn. of Annette (of Black)							
Cornet's Favorite. D. Syn. of Cornet							
Cornet's Sweetend. D. Syn. of Sawcwell							
Cornier, P94							
Cornitold. W.							
Cornish Aramdale. GenF'33	N.Y.	ob	m	yrs	y	msa	ml
Cornish Cliffflower. GenF'33. Syns. Calville d'Angletorre, Cornish July Flower, Cornwaliser, Red Gillflower.	South Eng	rob	m	yrs	f	sa g	ml
Qumie Regalsins, Red Gillflower.	Eng	re	m	rru	y	su	m
Qumie Regalsins, Red Gillflower.	Eng			gyfs	fr y	su dk	vl
Cornish Spil, D.							
Cornwall. L. Syn. Cornwall Golden Sweet	Vt.?	ob	s	gy	cj	g	m
Cornwall. D. Syn. of Cornwall		re	ms	yd	w s	s	ml
Cornwalliser. D. Syn. of Cornish Gillflower							
Corona. P94. Syn. Corona Pipkin	N.Y.	rob	l	y	f	g dm	l
Corona Pipkin. P94. Syn. of Corona							
Corp Choice, P94							
Corp Choice. L. Syn. Corpse's Favorite	Ohio Can	rob	m	gys	tj	msa yg	d l
Corpse's Favorite. IndF'40. Syn. of Corpse		ob	m	yg	w	bsh g	m
Corpse's St. Lawrence. T. Syn. of St. Lawrence							
Corse Sweet, R. Syn. Corse's Sweeting							
Corse's Sweeting. MagroH'45. Syn. of Corse Sweet							
Corset. R. Syn. Corset Hill							
Corset Hill. BBL. Syn. of Corset							
Corwin. MagroH'53							
Corwin. NEF'29. Syns. Caas, Cas Cos, Chamption.	N.Y.	r	l	gyb	t w su	g-vg dm	l

No.

Do.

Do,

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Cass' Red</i> , sBro. Syn. of Collins.	Eng.	robl	l	yg	tj	gw	bsa			ml	From Hogg. Perhaps same as preceding. Not described.
<i>Costard</i> , D. Syns. Coulthard, Prussian Pippin.											
<i>Costard</i> (Green), BBL											
<i>Goslin</i> , L. Syn. Goslin's Seedling.	Fr.	c	m	gyt	ft	w	a	vg	d	l	From the Verger.
<i>Goslin's Seedling</i> , Cat. Syn. of Goslin.	Ohio.	re	m	web	tj	ws	pusa				
<i>Cote</i> , L. Syn. Calville Blanche à Cote's.		obl	l	gyb		w	a		k	m	
<i>Cotsville</i> , L. Syn. Cotsville Spitzenberg.											
<i>Cotsville Spitzenberg</i> , D. Syn. of Cotsville.											
<i>Cottarals</i> , R. Syns. Cottarals No. 1, Cottarals Seedling.	Minn.										
<i>Cottarals No. 1</i> , SDB76. Syn. of Cottarals.											
<i>Cottarals Seedling</i> , SDB76. Syn. of Cottarals.											
<i>Cotton</i> , A'58.											
<i>Cotton Apple</i> , D. Syn. of Chronical.											
<i>Couton</i> , L. Syn. Reimette Coulton.	Belg.	robc	vl	gy	c	w	sa	g		ml	From Annals of Pomology.
<i>Coulthard</i> , D. Syn. of Costard.											
<i>Count Orloff</i> , NYEXR92.	Rus.	c	m	gr		w		p		l	Perhaps same as Orloff.
<i>Country Gentleman</i> , Cat. Syn. of Co. Gent.											
<i>Courpendu</i> , DomEnc. Syn. of Court-Pendu Plat.											
<i>Court Blanche</i> , R. Syn. Court-Pendu Blanche.											
<i>Court de Wège</i> , MagoH'46. Syn. of Wick.											
<i>Courtoey</i> , R. Syn. Courtoey Seedling.											
<i>Courtoey Seedling</i> , MoH'92. Syn. of Courtoey.											
<i>Court of Wick</i> , GenF'33. Syn. of Wick.											
<i>Court of Wick Pippin</i> , D. Syn. of Wick.											
<i>Court of Wick</i> , S. Syn. of Wick.											
<i>Court Pendu</i> , C. Syn. of Court-Pendu Plat.											
<i>Court Pendu Blanche</i> , MoH'67. Syn. of Court Blanche.											
<i>Court Pendu de Tourmay</i> , D. Syn. of Tourmay.											
<i>Court Pendu Dore</i> , D. Syn. of Golden Reimette.											
<i>Court-Pendu Edra</i> , GenF'33. Syn. of Court-Pendu Plat.											
<i>Court-Pendu Gris</i> , GenF'33. Syn. of Fenouillet Rouge.											
<i>Court-pendu Musque</i> , D. Syn. of Court-Pendu Plat.											
<i>Court-Pendu Plat</i> , GenF'33. Syns. Capendu, Coriandre Rose, Courpendu.	Fr.	ob	m	gye	c	y	bsa	g		ml	
<i>Plat rougeatre</i> , Court-pendu Extra, Court-pendu Musque, Court-pendu											
<i>Rouge Musque</i> , Garnon's Apple, Pommé de Berlin, Princess Noble Zoëte,											
Russian, Wallaton Pippin.											
<i>Court-pendu Plat rougeatre</i> , D. Syn. of Court-Pendu Plat.											
<i>Court-pendu Rond Gros</i> , D. Syn. of Court-Pendu Plat.											
<i>Court Pendu Rosad</i> , D. Syn. of Court-Pendu Rose.											
<i>Court Pendu Rose</i> , D. Syn. Court Pendu Rosat.	Fr.	rob	s	yt	tj	w	a	g			From Annals of Pomology.

NOMENCLATURE OF THE APPLE.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Crawford, ArkB60. Syn. Crawford Pippin.	Ark.	rob	ml	yr	mj	y	sa	vg	d	ml	Probably same as preceding.
Crawford Keeper, Hort 57. Syn. Crawford's Keeper.	Ohio.	rc	m	gyr	mj	yw	bs	g-vg		l	
Crawford's Keeper, W. Syn. of Crawford Keeper.											
Crawford Pippin, ArkB60. Syn. of Crawford.											
Cray, L. Syn. Cray Pippin.	Eng.	c	ms	yb	c	y	s		d	m	From Hogg.
Cray Pippin, Syn. of Cray.											From Sumner's manuscript.
Crayton, A 67.										l	Not described.
Crayton Seedling, A 81.	N. Y.	rob	ms	y	fy	y	ps		dk	m	From Hogg.
Cream, NEP 31.											
Cream, IIIH 92. Syn. of Ned.											
Crede, L. Syns. Crede's Quittenreinetle, Crede's Gitten Reinetle.	Ger.	r	m	gy	vif	w	sa			l	
Crede's Quittenreinetle, D. Syn. of Crede.											
Crede's Gitten Reinetle, D. Syn. of Crede.											
Crede's Marigold, D. Syn. of Marigold.											
Creek, A 67.	Pa.	obc	m	gys	qm	w	psa	vg	d	l	
Creek, III B21. Syn. of Ned.											
Creeper, D.	Eng.	rc	ms	gts	tj	w	s			m	Do.
Crego, L. Syn. Crego Red Steak.	N. Y.	rob	m	WTS	tj	w	sa	p		m	
Crego Red Steak, D. Syn. of Crego.											
Crichton, W.	Ohio.	ob	m	pyb		w	sa	g		ml	Origin with J. B. Mitchell, Cresco, Iowa.
Cresco, IaH 97.	Iowa.	rob	rl				psa	g		m	
Creswell, P 95.										ml	
Crib, W.	Ohio.	rc	l	gyse			sa	g		ml	
Crima, Gb. Syn. V. R. 8. to Ia. No. 18.	Ohio.	obl	m				sa	g		l	
Crima Bogdanoff, CanEXR 01.	Rus.	r	l				sa	vg		l	Not described.
Crima Nally, Gb. Syns. Gov. list No. 563, Juicy Krimtarter, Krimskoe Nallivnoe, Krimskoo Nallivnoe.	Rus.										Do.
Crima (Vochin), L. Syns. Gov. list No. 228, Krimskoe Vochina, Krimskoe Vochina, Vochin's Crimcan.	Rus.										Do.
Crima Beauty, CanEXR 95.	Ky.	ob	m	brc	fj	w	msa	g		l	Do.
Crima Devonian, BBL. Syn. of Devonian.	Ont.?										Do.
Crima Nonpareil, MagoH 45.	Ohio?										Do.
Crimson Pippin, D. Syn. of Black Detroit.											Do.
Crimson Pippin, Cole. Syn. of Red Detroit.											Do.
Crimson Prolific, Cal.											Do.
Crimson Queen, L. Syns. Crimson Queen, Herefordshire Queen, Red Queen, Scarlet Queen, Summer Queen.	Eng.	c	m	dc	tj	ws	s			l	From Hogg.
Crimson Queen, D. Syn. of Crimson Queen.											
Crispin, D.		rob	l	gts	c	w	sa	g		vl	

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Cullins' Keeper</i> . KHN. Syn. of Cullins or Cullen.	South.	c		rs			sa				
<i>Culloden</i> . W				rs			sa				
<i>Culvert</i> . DDH. [This may be Colvert.]			l	rs			sa			ml	
<i>Cumberland</i> . E. Syns. Cumberland Seedling, Cumberland Sweeting (?).	Pa.	obc	m	yr	t	y	bsa	g vg		m	
<i>Cumberland Black</i> . D. Syn. of Dodge Crimson.											
<i>Cumberland Seedling</i> . E. Syn. of Cumberland.											
<i>Cumberland Spice</i> . C	N. J.	rc	ml	gy	tj	w	psa	g	dk	ml	
<i>Cumberland Spice</i> . Wg. Syn. of Orley.											
<i>Cumberland Sweeting</i> . H. Syn. of Cumberland (probably)	Ill										Not described.
<i>Cummings</i> . Cat											
<i>Cummings' Rambo</i> . A 77. Syn. of Grosh											
<i>Cummings Red</i> . JVL											Do.
<i>Cunningham</i> . P 83. Syn. Cunningham Cheese.	Va.	ob	m	gyrs			bmsa	vg			
<i>Cunningham Cheese</i> . P 83. Syn. of Cunningham											Do.
<i>Cup</i> . Magoh 53.									k		
<i>Curiosity</i> . RNY 70.											
<i>Curly Spiced Apple</i> . Gb. Syn. of Crooked Spike											
<i>Curly Spiced Aromatic</i> . Gb. Syn. of Aromatic Spike											
<i>Curry</i> . Syn. Curry Red Winter.	N. C.?	obl	m	ytu	f	w				l	From Southern Cultivator.
<i>Curry's Red Winter</i> . H 169. D. Syn. of Curry											
<i>Curry's Red Winter</i> . H 169. D. Syn. of Curry											
<i>Curtis</i> . NEF 30. Magoh 52. Syn. of Levantine		r	m				sa?	g	d	me	
<i>Curtis Early</i> . R. Syn. Curtis Early Striped. [May be Striped Shropsavine.]											Not described.
<i>Curtis Early Striped</i> . Magoh 39. Syn. of Curtis Early	Ill?	obl	ml	y		y	bsa	g		l	Identical with Illinois Greening.
<i>Curtis Greening</i> . W											
<i>Curtis Greening</i> . Dap. Syn. of New Greening (?)											
<i>Curtis Pippin</i> . W											
<i>Curtis Russet</i> . CGen 60.			m	ytu	j		sa	g		l	
<i>Curtiss Early Striped</i> . Code. Syn. of Striped Shropsavine. [Probably same as Curtis Early.]	Ill	obl					psa	vg			
<i>Curtiss Sweet</i> . D											
<i>Cushing</i> . Magoh 38.	Vt.	rc	l	yc	ftt	w	s	g		m	
<i>Cushman's Black</i> . D. Syn. of Red Calville.											
<i>Custard</i> . D											
<i>Custard</i> . 111B21. Syn. of Ned											
<i>Custer</i> . R. Syn. Custer's Golden Sweet											
<i>Custer's Golden Sweet</i> . W 1845. Syn. of Custer											
<i>Cut</i> . L. Syns. Cut Pippin, Haymaker, Hommacher Apfel, Honemaker Pippin, West's Spitzenberg.	N. Y.	robc	ms	yr	vjm	w	msa	vg	d	m	
			m	y			s			l	
	Pa.		ml	g	j	g	sa	g		l	

Cut Apple.	Gb.	Syn. of Rubus.
Cut Pippin.	A ⁷² .	Syn. of Cut.
Cuthbert.	BBL	
Cutting.	D.	Syn. of Catoaga.
Cut-Wing.	Apple.	Gb.
Cyclone.	BBL	
Cypert.	L.	Syn. Cyfert Limbertwig.
Cygar Libertain.	Cut.	Syn. of Cyfert.
Cyrilan.	Mugoff ⁵³ .	
Cyrus.	R.	Syn. Cyrus Russell.
Cyrus Russell.	Moff ⁶³ .	Syn. of Cyrus.
Czar.	L.	Syn. Czar of Russia.
Czar of Russia.	Cat.	Syn. of Czar.
Czar Thorn.	Gb.	Syns. Czar's Thorn, Gov. list No. 206, Shro. to Ia. No. 140, Tsarkui Schip, Tsarski Schip, Zarski Schip.
Czar's Thorn.	SDB76.	Syn. of Czar Thorn.
Dacney.	P ⁹⁵ .	
Dacome.	Cat.	
Dadley.	D.	Syn. of Rebecca.
Dahltonega.	W	
Dahlton.	D.	Syn. of Dahlton.
Dahlin.	D.	Syn. of Dahlin.
Dainty Apple.	A ⁶⁸ .	Syn. of Dainton.
Daisy.	McEXR ⁹⁶ .	
Dale.	L.	Syn. Dale's Seedling.
Dale's Seeding.	Dap.	Syn. of Dale.
Dale's Sweet Fall Queen.	D.	Syn. of Sweet Queen.
Dallas.	KaufM.	Syn. Mrs. Dallas.
Dallton.	W.	Syns. Dahlton, Dahlton Pippin.
Dann.	AlaB98.	
Dane Jeanette.	D.	Syn. of Jeanette.
Danes.	Cat.	
Dan.	L.	Syn. Dan Pearmain.
Dana.	MagoH ⁴⁶ .	Syn. Dana's Baker.
Dana's Baker.	II.	Syn. of Dana.
Dana Greening.	D.	
Dana's Striped Sweet.	D.	Syn. of Dana Sweet.
Dana Sweet.	L.	Syn. Dana's striped Sweet.
Dancor.	Hort ⁵⁴ .	
Daniel.	IndF ⁴⁰ .	
Daniel.	R.	Syn. Daniel's Apple.
Daniel's Apple.	IndF ⁴⁰ .	Syn. of Daniel.
Dan Pearmain.	W.	Syn. of Dan.
Dan Fry.	A ⁷⁷ .	
Dansic Pipka.	Gb.	Syns. Pipka Dantsigskaya, Shro. to Ia. No. 25.
Dantzic Kant.	CanEXR ⁹¹ .	
Dantzic.	L.	Syn. Dantzic's Ribbed.
Dantziger.	R.	Syns. Dantziger Kant, Dantziger Kantapel.
Dantziger Kant.	IaB90.	Syn. of Dantziger.
Dantziger Kantappel.	IndB53.	Syn. of Dantziger.
Dantzig's Ribbed.	AndN.	Syn. of Dantzig.

[illegible]

[illegible]

Ind.	r	l	rs		sa	g	vl	Do.
Durable , L. Syn. Durable Keeper.								
<i>Durable Keeper</i> , RNY 61. Syn. of Durable.								
Durell , L. Syn. Durell's Beauty.								
<i>Durell's Beauty</i> , Cal. Syn. of Durell.								
Durham , L. Syn. Durham Winter Pearmain	r				s			
<i>Durham Winter Pearmain</i> , W. Syn. of Durham								
Durston , D.								
Dutch Buckingham , JVL								
Dutch Codlin , GenF 33. Syns. Chalmers's Large, Dutch Codling, French	ob	m	rs		psa	g	m	
<i>Codlin</i> , Glory of the West, White Codlin,		l	rs		y	b	m	
<i>Dutch Codlin</i> (eroneously), E. Syn. of Fallwater	robl	vl	y		sa	g	me	
<i>Dutch Codling</i> , W. Syn. of Dutch Codlin.								
Dutchess , E. Syn. of Oldenburg								
<i>Dutchess County Sweet</i> , RNY 57. Syn. of Yankee Spy								
Dutch Horse , IndH 81								
Dutchman , R. Syn. streaked Dutchman								
Dutch Mignonne , GenF 33. Syns. Christ's Golden Reinette, Comanthorpe	robe	m	rs					
<i>Crab</i> , Grosser Casseler Reinette, Paternoster Apfel, Pomme de Laak,					sa	g-vg	l	
<i>Reinette Dorée</i> , Sottin Pippin.								
Dutch Mignonne , D (early editions)	rob	l			sa	g	ml	
<i>Dutch Mignonne</i> (eroneously), Dap. Syn. of Blenheim.								
Dutch Paradise , CBH 6. Syn. of Doucin								
<i>Dutch Paradise</i> , CBH 6. Syn. of Doucin								
Dutch Pearmain , D. Syn. of Golden Pearmain.								
<i>Dutch Tulip</i> , D. Syn. of Tulip								
Daverson's Jane , Dap. Syn. of Margaret	roble	m	gys		sa	vg	vl	
Dawsonbury , D. Syn. Duzenbury Apple								
<i>Dawsonbury Apple</i> , A 67. Syn. of Duzenbury	rob	ml	rs		sa	g	l	
Dwight , L. Syns. Dwight Apple, Stevensen Pippin.								
<i>Dwight Apple</i> , Dap. Syn. of Dwight	r	m	gyl		msa	vg-b	m	
Dyer , K. Syns. Bard, Beard, Bullripe, Cox's Spice, Golden Spice, Harris								
<i>Whitehall</i> , Holly Crown, Mygatt's Bergamott, Pinco's Favorite, Pomme								
<i>Royal</i> , Pomme Royale, Pomme Water, Smithfield Spice, Tompkins,								
<i>Tompkins Apple</i> , White Spice, Woodstock.								
Dykeman , A 77								
Eardrop , R. Syn. Ladies' Ear Drop.	obc	m	rs		sa	vg	me	
<i>Eardrop</i> , L. Syn. Granny Apple.	obl	m	yl		sa	g	l	
Earle , A 80. [Said to be a synonym of Fall Top.]	ro	s	gts		sa	vg	ml	
Earle Green , R. Syn. Earle's Greening								
<i>Earle's Greening</i> , R. Syn. Earle's Greening								
Earliest , Gb. Syns. Earliest Early, Gov. List No. 173 Skerpospelka Raimaja,								
<i>Skerpospelka Raimaja</i> .								
Earliest Early , Gb. Syn. of Earliest.								
<i>Earliest Early</i> , Gb. Syn. of Earliest.								
Early Almond , BB. Syn. Early Ark. Beauty								
<i>Early Almond</i> , BB. Syn. Early Ark. Beauty								
Early Arkansas , R. T. C. F. Syn. of Early Arkansas	l	yl			g		e	
<i>Early Ark. Beauty</i> , R. T. C. F. Syn. of Early Arkansas								
Early Autumn , L. Syns. Genetrix, Herbststich Apfel, Pousse Pousse	rob	m	rs		sa	g	m	
<i>Autumn</i> , L. Syns. Genetrix, Herbststich Apfel, Pousse Pousse								
<i>Autumn</i> , L. Syns. Genetrix, Herbststich Apfel, Pousse Pousse								
Early Bellflower , JVL. Syn. of Bevan	obc	m	rs		sa	vg	me	
<i>Early Bellflower</i> , JVL. Syn. of Bevan								

Not same as preceding.

Not described.

From Hogg.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Orighn.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Early Blue. ColEXR'89											Not described
Early Borden. MagofH'40											Do.
Early Bough. M. Syn. of Bough											Do.
Early Bow. WVaB75. [May be Bough.]											Do.
Early Breakfast. P'91	Ind.	ob	l	rs	t			vg		e	
Early Brook. A'77	Conn.	obc	m	yrs	tj	w	sa	vg		me	
Early Calkins. A'75											Do.
Early Casey. R. Syn. Casey Early.			m	rs				g		e	Do.
Early Champagne. Gb. Syns. Champagner fruher, Fruher Champagner, Gov. list No. 68.	Rus.										
Early Chandler. Hort'49		r	ms	yrs	tj	y	psa	g	k	e	
Early Chandler. H. Syn. of Chandler (?)											
Early Cider. W.		c	m				sa		c	e	Do.
Early Cinnamon. MHSC'86. Syns. Gov. list No. 558, Konitschenewoe Rannee, Koritschenewoe rannee, Shro. to Ia. No. 46.	Rus.										
Early Colton. BuS. Syn. of Colton											
Early Congress. MassH'70. Syn. of Gravenstein											
Early Cooper. Syns. Cooper's Early White, Early White	Am.	rob	m	yb	c	w	sa	g		me	
Early Cooper. Lin. Syn. of Irish Peach											
Early Crofton. GenF'33. Syn. of Irish Peach.											Do.
Early Dutch. MagofH'43	Am.									e	
Early Edward. A 69. Syn. Edward Early											
Early French Reimette. K. Syn. of Early Harvest											
Early French Reimette of Cox. C. Syn. of Early Harvest											Do.
Early George. W. Syn. of George											Do.
Early Golden Sweet. Lin. Syn. of Golden Sweet											Do.
Early Grandmother. MHSC'86. Syns. Babuschkino rannee, Shro. to Ia. No. 136.	Rus.										
Early Greening. W. Syns. Braeken, Early French Reimette, Early French Reimette of Cox. Early July Pippin, Early June French Reimette, Glass Apple, Harvest Early, Harvest July Pippin, Large Early Harvest, Large White Juneating, Large Yellow Harvest, Maralandica, Oats (incorrectly), Prince's Early Harvest, Prince's Harvest, Princess Harvest, Prince's Yellow Harvest, Sinclair's Yellow, Tart Bough, Yellow Harvest, Yellow Juneating.	Pa.	ob	m	rs	tj	vw	sa	vg-b	dk	me	
Early Harvest. M. Syns. Braeken, Early French Reimette, Early French Reimette of Cox. Early July Pippin, Early June French Reimette, Glass Apple, Harvest Early, Harvest July Pippin, Large Early Harvest, Large White Juneating, Large Yellow Harvest, Maralandica, Oats (incorrectly), Prince's Early Harvest, Prince's Harvest, Princess Harvest, Prince's Yellow Harvest, Sinclair's Yellow, Tart Bough, Yellow Harvest, Yellow Juneating.	Am.	rob	m	py			sa			e	
Early Jack. H. Syn. of Jack											
Early Juneating. D. Syn. of White Juneating.											
Early Joe. MagofH'46	N. Y.	obc	ms	yrs	tj	w	sa	b	d	me	

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Use.	Season.	Remarks.
					Texture.	Color.				
Early Spaulding. R. Syn. Spaulding's Early Seedling.	Mass.									
Early Spice. D.	Eng.	r	l	rs	tj	w	vg	k	e	From Hogg.
Early Spice. D.	N. C.	r	s	y		y	p		me	Not described.
Early Spice. D. Syn. of Early Long Stem.										
Early Spitzenburg. A 79										
Early Stickney. Hort 72. Syn. of Stickney	N. Y.	re	s	rs	t	ws	sa	dm	e	
Early Strawberry. M. Syn. American Red Juncating, Early Strawberry										
Apple, Red Juncating, St. John's Strawberry, Striped Shropshire, Tennessee Early Red.										
Early Strawberry Apple. D. Syn. of Early Strawberry										
Early Stripe. MHSC 86. Syn. Polosak alicmaya, Shro. to Ia. No. 146.	Rus.									Do.
Early Striped Juncating. Genf 33. Syn. of Margaret										Do.
Early Striped Sweet. 188.										Do.
Early Sugarloaf. 111H 88. [May be Chenango]										Do.
Early Sugarloaf. A 97. Syn. of Chenango										Do.
Early Summer. R. Syn. Early Summer Red Steak										Do.
Early Summer Pippin. C. Syn. of Sweet Pearmain										
Early Summer Pippin. T. Syn. of Drap d'Or										
Early Summer Red Steak. Magoh 47. Syn. of Early Summer										
Early Sweet. C.		obl	m	ms	t	w	s		me	
Early Sweet. Hort 66.	Ohio.	r	ml	wy	tmj	y	g		me	
Early Sweet. IaB31. Syn. Vor. No. 9		e	ml	y			vs		e	
Early Sweet. Dup. Syn. of Hightop Sweet										
Early Sweet Bough. D. Syn. of Bough										
Early Sweet Heart. BBL										
Early Sweetheart. AmGar 01. Syn. of Bough										
Early Tart. D.	Pa. ²	re	m	pyc	tj	w	bsa	k	me	Do.
Early Tart Harvest. D. Syn. of Primale										
Early Tart Harvest. D. Syn. of Tart Harvest										
Early Tennessee. Cat.										Do.
Early Translucent. MHSC 86. Syn. Shro. to Ia. No. 115, Skvosheema	Rus.									Do.
Skorskiaya.										
Early Washington. Dup. Syn. of Sops of Wine	Eng.	obl	ms	y	t	yw	s		me	From Hogg.
Early Wax. D. Syn. Wax Apple										Not described.
Early White. Dup. Syn. of Early Cooper									e	
Early White Sweet. 111H 97									me	
Early Williams. Mass 82. [May be Williams]									me	
Early Yellow. L. Syn. Early Yellow Reinette, Reinette Jaune Hadf.		e	m	yr	j		sa		me	
Early Yellow Reinette. D. Syn. of Early Yellow									me	
Early York. Magoh 73		r		rs			sa		me	

[illegible]

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>English Codlin.</i> D. Syn. of Old Codlin.											
<i>English Codlin.</i> Hort 38. Syn. of Trenton Early.											
<i>English Codlin.</i> (incorrectly). Dap. Syn. of Settle.											
<i>English Glutiflower.</i> Hort 98.	Eng.	ob	s	dr		y	sa	g		l	
<i>English Golden.</i> D. Syn. English Golden Pippin.	Eng.?	robe		pyrs		y	msa	g-vg		ml	
<i>English Golden.</i> D. Syn. of Golden Russet (N. Y.).	Eng.	r	m		tj	y	sa	g	d	l	
<i>English Golden Pippin.</i> T. Syn. of English Golden.											
<i>English Golden Pippin.</i> Lin. Syn. of English Pippin.											
<i>English Golden Reinette.</i> Lin. Syn. of Golden Reinette.											
<i>English Golden Russet.</i> D. Syn. of Golden Russet (N. Y.).											
<i>English Granat Reinette.</i> D. Syn. of Granat.											
<i>English Hagloe.</i> IndF 40. Syn. of Summer Hagloe.											
<i>English King.</i> A 73. Syn. of Alexander.											
<i>English Nonpareil.</i> GarCal. Syn. of Nonpareil.											
<i>English Nonsuch.</i> E. Syn. of Nonsuch.											
<i>English Pearmain.</i> W.		ob	l				sa	g		m	
<i>English Pearmain.</i> Cole. Syn. of Herefordshire.											
<i>English Pearmain.</i> (incorrectly). Dap. Syn. of Long Red.											
<i>English Pippin.</i> Gb. Syns. English Pepping, Gov. list No. 587, Longfield, Pepping, Englishcher.	Rus.										Not described.
<i>English Pippin.</i> GenF 33. Syn. of Golden Reinette.											
<i>English Pippin.</i> Gb. Syn. of Longfield.											
<i>English Rambo</i> of some. D. Syn. of Domine.						rs	s				
<i>English Rambo</i> of some. MagotH 49. Syn. of Willis.						rs	sa	g			
<i>English Red.</i> L. Syn. English Red Sweeting.	Eng.	obl	l			rs	sa	g		l	
<i>English Redstreak.</i> W.	Ind.	ob				rs	sa	g		l	
<i>English Redstreak.</i> W.	Eng.	r	l			rs	sa	g		l	
<i>English Red Streak.</i> H. Syn. of Domine.											
<i>English Red Streak.</i> (incorrectly). D. Syn. of Wine.											
<i>English Red Stripe.</i> D. Syn. of Redstripe.											
<i>English Red Stripe.</i> D. W. Syn. of English Red.											
<i>English Red Seedling.</i> D. Syn. of English Red.											
<i>English Russet.</i> D. Syn. Long-Limbed Russet, Fokeepste Russet, Poughkeepsie Russet, Winter Russet.	Eng.?	rc	m	ye	cj	y	sa	vg		ml	
<i>English Russet.</i> Wg.		rc	m	gyru	fc	yw	psa	g	dm	vl	
<i>English Russet.</i> A 77.		rob	l	ru			sa	g	dk	l	
<i>English Seedling.</i> A 77.	Ky.?	robe	l	rys	cuj	yw	sa	vg		m	
<i>English Summer Pearmain.</i> E. Syn. of Summer Pearmain (Eng.).											
<i>English Summer Pearmain.</i> H. Syn. of Watson.											

Probably same as preceding.

English Sweet.	D. Syns Avery Sweet, Avery Sweeting, English Sweet- ing, Hurlbut Sweet, Ramsdell's Sweeting, Ramsdell, Red, Ramsdell's Red Pumpkin Sweet, Ramsdell's Red Winter, Ramsdell's Sweet, Rams- dell's Sweeting, Red Pumpkin Sweet.	Eng.?	oble	ml	dr	vt	y	vs	g-vg	dk	ml
<i>English Sweet</i> (erroneously).	D. Syn. of Hog Island										
<i>English Sweeting</i> .	MagoffH'46. Syn. of English Sweet.										
<i>English Vanderveer</i> .	D. Syn. of Smokehouse										
<i>English Winter Calville</i> .	CanExR'61. Syn. of Winter Calville										
<i>English Winter Redstreak</i> (of some).	MagoffH'48. Syn. of Wells										
<i>Enls.</i>	R. Syn. Enis Winter Sweet.	South.	c	m	gyru			vs	p		l
<i>Enis Winter Sweet</i> .	IIIH'72. Syn. of Enis	Rus.		vl	rs				p		ml
<i>Enormous</i> .	IsaH'80. Syns. Gov. list No. 398, Krupnoema.							s			
<i>Eper.</i>	R. Syn. Epos' sweet. [May be Danvers.]										
<i>Epos' Sweet</i> .	A'79. Syn. of Epos.										
<i>Episcopal</i> .	D. Syn. of Fall Pippin										
<i>Epling</i> .	R. Syn. Epling's Winter.										
<i>Epling's Winter</i> .	A'81. Syn. of Epling										
<i>Epos' Sweeting</i> .	MagoffH'42. Syn. of Danvers										
<i>Epos's Sweet</i> .	Lin. Syn. of Danvers.	Vt.		s	dr		w	bsh	g		ml
<i>Eposy</i> .	D.	South.						su			
<i>Epling Premium</i> .	L. Syn. Epling's Premium.										
<i>Epling's Premium</i> .	A'67. Syn. of Epling Premium										
<i>Epling Red</i> .	L. Syn. Epling's Red Winter.			l	grs	j			vg		ml
<i>Epling's Red Winter</i> .	A'67. Syn. of Epling Red										
<i>Equinotelee</i> .	W. Syns. Baeheler, Iola	South	ob	ml	rs	tj		sa	vg	d	ml
<i>Equinotelee</i> .	W. Syn. of Buckingham										
<i>Equinotelee</i> .	MagoffH'57. Syn. Sol Carter	South	re	l				sa	vg		
<i>Equinotelee</i> .	A'69. Syn. of Buckingham										
<i>Erdbeer</i> .	Gb. Syns. Erdbeerepfel, Gov. list No. 584, Red Calville	Rus.									
<i>Erdbeerepfel</i> .	Gb. Syn. of Erdbeer										
<i>Erdbeerepfel</i> .	Gb. Syn. of Winter Livland										
<i>Erd Beer</i> .	D. Syn. of Red Autumn										
<i>Erdbeer Streifling</i> .	R. Syn. Erdbeer's Streifling	Rus?		m	grs						ml
<i>Erdbeer's Streifling</i> .	IndH'90. Syn. of Erdbeer Streifling										
<i>Erie</i> .	L. Syn. Erie Sweet.	Pa	rob	m	wy	tjm	w	s	g	m	m
<i>Erie Sweet</i> .	D. Syn. of Erie										
<i>Erie's Apple</i> .	W. Syn. of Ohio Pippin										
<i>Erie's Pippin</i> .	D. Syn. of Ohio Pippin										
<i>Ernst Sweet</i> .	R. Syn. Ernst's Sweeting	Ohio						s			
<i>Ernst's Sweeting</i> .	Syn. of Ernst Sweet										
<i>Esopus</i> .	Th. Syns. Esopus Spitzenberg, Esopus Spitzenburg, Esopus Spitzenberg, Esopus Spitzenburg, Esopus Spitzenburgh, Spitzenberg, Spitzenburgh, Spitzenburg Esopus, True Spitzenburgh.	N. Y.	roble	l	yr	fcj	y	sa	b	dkm	ml
<i>Esopus Seedling</i> .	L. C. Syn. of Esopus	Cal		ml					g		ml
<i>Esopus Spitzenburgh</i> .	F. C. Syn. of Esopus										
<i>Esopus Spitzenburg</i> .	F. C. Syn. of Esopus										
<i>Esopus Spitzenburgh</i> .	NEF'25. Syn. of Esopus										
<i>Esopus Spitzenburg Seedling</i> .	W. Syn. of Esopus										
<i>Esopus Vanderveer</i> .	Lin. Syn. of Newtown Spitzenburg										

Not described.

Do.

Do.

Do.

From Summer's manu-
script.Probably same as Bucking-
ham.

Do.

Not described.

From Transactions Ohio
Horticultural Society.

Introduced in 1880.

N. Y.	r	m	gy		su	g	c	vl
Everlasting. L. Syns. Green Everlasting, Yellow Everlasting. <i>Everlasting Hanger.</i> DomEnc. Syn. of Hauger.								
Evesham. L. Syn. Evesham Russeting <i>Evesham Russeting.</i> C. Syn. of Evesham.		1						m
Ewalt. Wg. Syns. Bullock's Pippin (of some), Bully Pippin, Lady's Blush, Red Cheek Bellflower.	re	1	ye	t	bsu	g-vg	d	1
Ewing. L. Syn. Press Ewing. <i>Ewing Missouriian.</i> R. Syn. Ewing's Missouriian.	ob	m	yes	fjet	su	g-vg		1
Ewing's Missouriian. MoH 87. Syn. of Ewing Missouriian.								
Excel. D. Wn.	obe	1	yes	tj	bsu	g-vg		1
Excelstor. JWK	ob	ml	r			vg	dk	m
Excelstor. IIIH 80.		ml						e
Exquisite. D	ob	ms	yes	j	msu	g-vg	d	1
Extra. R. Syn. Extra Ben Davis.		1				g		
<i>Extra Ben Davis.</i> SBro. Syn. of Extra.								
Extreme. L. Syn. Wheeler's Extreme	ob	s	ynu	t	su			ml
Ey Colton. Cat. [Doubtless intended for Colton.]	r	m	pg	g			k	1
Eyer. L. Syn. Eyer's Greening.								
<i>Eyer's Greening.</i> D. Syn. of Eyer.								
Ey Hagloe. Cat. [Doubtless same as Summer Hagloe.]	ob	s	ynu	t	su			ml
Ey Sugarloaf. Bal.								
Ey Transparent. Cat. [Probably same as Yellow Transparent.]								
<i>Ey Transparent.</i> Bal. Syn. of Trenton Early.								
Ey William. Cat. [Probably same as Williams.]								
Ey Winter. Cat.								
Fair. L. Syn. Fair's Nonpareil.								
Fairbanks. Cole.								
Fairfield. L. Syn. Fairfield Summer Queen.								
<i>Fairfield Summer Queen.</i> D. Syn. of Fairfield.								
Fair Maid. Magof H 53.	rob	ml	rs		su	g		
<i>Fair Maid of Taunton.</i> D. Syn. of Taunton Maid.								
Fairmount. R. Syn. Fairmount Pine.	obe	ml	gyb	e	w	g		1
<i>Fairmount Pine.</i> Magof H 44. Syn. of Fairmount.								
Fair's Nonpareil. D. Syn. of Fair.								
Fair Winter. W	r	s	pyc	fcvj	su	vg	d	1
Fairy. AJoH VII	obe		rs		su			1
Falder. W	obl		rs		su			
<i>Falder.</i> D. Syn. of Fallwater.								
Falls. NY B90.								
Fall. Dup. Syn. of Southern Porter.								
Fallauchter. D. Syn. of Fallwater								

Do.

From Hogg.
Not described.
From Lindley.Not described.
Do.

Do.

Do.

Do.

Do.

From Lindley.
From Hogg.
From Maine
Report.From Florist and Pomolo-
gist.

Not described.

	Am. ^a	tabledh	v1	yq	vt	w	pso	g-vg	dkm	m
Fall Pipkin. Dom Eric. Syms. Autumn or Fall Pipkin, American Fall (erroneously), Collett's Fall Cammar, Cathacus (unintendedly) Can- combre Anicien, De Bateau, D'Espaigne (erroneously), Epistoul Golden Pipkin (erroneously), Hollander's Pipkin (erroneously), Autumn Pipkin, Large Fall Pipkin, Blunderbush Pipkin, Pound Pipkin, Pound Royal (of some), Rednetto Binette de l'Epagne, York Pipkin, White Spanish-Fall Pipkin (erroneously). W. Syn. of White Fall.										
Fall Pipkin of London. W. Syn. of White Fall.	South	oble	l				su	vg		m
Fall Queen. A. Syn. Ladies Favorite.										
Fall Queen. E. Syms. Fall Beauty, Horse Apple, Mundy's, Oldfield, Red California Mundi.		re	ml				su		k	e
Fall Queen. A ⁵⁶ . Syn. of Buckingham.										
Fall Queen. Dap. Syn. of Haas.										
Fall Queen. W. Syn. of Winter Queen. [Same as Buckingham.]										
Fall Queen of Kentucky. T. Syn. of Buckingham.										
Fall Red. MoH ⁷³ .										
Fall Redstrak. A ⁷⁷ . Syn. Late Redstrak.	Wis.	robe	l	yrs	tj	yw	su	vg-b		me
Fall River. CoFExR ⁹¹ .										
Fall Romante. D. Syn. of Rambo.										
Fall Russel. MoH ⁷⁰ .	Minn.	r	m	yrs	ft	y	s	vg		m
Fall Rusla (Kan.) Out.										
Falls, K. Syn. Falls Seedling.										
Fall St. Lawrence. A ⁸⁹ . Syn. of St. Lawrence.				yrs	tnj	w	su	g		m
Fall Seek-no-further. D. Syn. Winter Seek-no-further.	Iowa	ob	r	m	gb	w	msu	vg		ml
Fall Seek-no-further. D.	Vt.	re	m	rs	fj		su	g		m
Fall Splitzenburg. IndH ⁷² .										
Falls Seedling. MinnHort ⁹⁵ . Syn. of Falls.	(Mass. or Conn.)	{ rob	ml				su	g		m
Fall Strawberry. Cole. Syn. of Late Strawberry.		re	l	yru	tj	y	su	vg	dkm	me
Fall Stripe. PFar ⁶⁰ . Syn. Saxton.										
Fall Swaar. L. Syms. Autumnal Swaar, Fall (of the West), Fall Swaar of the West.										
Fall Swaar (of the West). D. Syn. of Fall Swaar.										
Fall Sweeding. A ⁹⁰ .										
Fall Vandevere. E. Syn. of Vandevere.										
Fall Vandevere. W.	Ohio.	rob	l				su	g		m
Fall Vandevere. IIIH ⁸⁴ . Syn. of Newtown Spitzenburg.										
Fall Vandevere. D. Syn. of Vandevere.										
Fall Willow. WVaB ⁷⁵ .										
Fall Willow. MagoffH ⁴⁸ . Syms. Fall Wine of the West, House, Howar, Musk Spice, Ohio Wine, Sharpe's Spice, Sweet Wine, Uncle Sam's Best, Wine Apple, Wine-fall, Wine (of Cole).		rob	ml	drs	jt	y	msu	vg-b	d	m
Fall Wine (erroneously). E. Syn. of Ashmore.										
Fall Wine of the West. IIIH ⁸⁴ . Syn. of Fall Wine.		re	m	ygb	tfj	w	su	g		m
Fall Whosap. CGen ⁶¹ .										
Fall Whosap (erroneously). E. Syn. of Bullock.										
Fall Wilder. D. Syn. of Fullwater.										
Fama Gusta. C.	Eng?	roble	m	yb	t	y	s	g	k	m
Fame. L. Syn. Dredge's Fame.	Eng? (Pr.?)	r	m	yru	fc	gy	dg			l
Famuse. M. Syms. Chimney, Pomme de Neige, Sanguineus, Snow, Snow Apple, Snow Chimney.	(Can.?)	{ rob	m	gyre	vtj	w	sa	b	dkm	me

[illegible]

Originated with J. C. Ferris,
Hampton, Iowa.

Not described.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Fett. D. Syn. Fat Apple.	Ind.	rob	ms	rc	c	ws	sa	g	---	ml	Not described.
Fidler. R. Syn. Fidler's Pippin.	Ind.	---	---	---	---	---	---	---	---	---	---
Fidler's Pippin. IndF'40. Syn. of Fidler.	Pa.	r	m	wrc	cf	y	psa	g	---	ml	---
Field. D.	Eng.	r	vl	ygb	cf	---	sa	g	k	ml	---
Fillbasket. L. Syns. Kenish Fillbasket, Lady de Gray's, Potter's Large Grey Seedling, Potter's Large Seedling.	Iowa	ob	m	r	---	---	---	vg	---	l	---
Fillup. IIIH'93.	---	---	---	---	---	---	---	---	---	---	---
Findley. D. Syn. of Findley.	---	---	---	---	---	---	---	---	---	---	---
Findley Apple. D. Syn. of Summer Cheese.	---	---	---	---	---	---	---	---	---	---	---
Findley Queen. WVaB75.	---	---	---	---	---	---	---	---	---	---	---
Fine Early. IIIB45.	---	---	---	---	---	---	---	---	---	---	---
Fine Red. R. Syn. Fine Juicy Red.	---	---	---	---	---	---	---	---	---	---	---
Fine Juicy Red. IIIB45. Syn. of Fine Red.	---	---	---	---	---	---	---	---	---	---	---
Fink. Magoth'46.	Mass.	---	---	rs	t	w	a	g	---	vl	---
Fink. H. Syn. Fink's Seedling.	Ohio.	ob	s	wyc	fc	w	psa	g-vg	---	vl	---
Fink's Seedling. N'APC'49. Syn. of Fink.	---	---	---	---	---	---	---	---	---	---	---
Fink's Seedling. E. Syn. of Tewksbury.	---	---	---	---	---	---	---	---	---	---	---
Finey. Hort'60. Syn. Fenley, Findley, Horse (erroneously).	Ky.	obc	l	py	cf	y	psa	g-vg	km	me	---
Finey Pippin. IIIH'69.	Ind.?	ml	ml	---	---	---	---	---	---	ml	---
Firm Waller. IIIB45. Syn. of Waller.	Ill.	---	m	---	---	---	---	---	---	ve	From Hogg.
First Early. IIIH'89.	Eng.	rc	m	yc	t	y	bs	vg	k	vl	Not described.
First and Last. D.	---	---	---	---	---	---	---	---	---	---	---
First-of-all. IIIH'01.	Rus.?	vl	vl	---	---	---	---	---	---	---	A handsome long keeper.
Fish. D.	---	---	---	---	---	---	---	---	---	---	---
Fisher. Magoth'59.	---	---	---	---	---	---	---	---	---	---	---
Fisher's Greening. R. Syn. Fisher's Greening.	---	---	---	gy	---	---	---	---	---	---	---
Fisher's Greening. B'PH'N'87. Syn. of Fisher's Greening.	---	---	---	---	---	---	---	---	---	---	---
Fishkill. L. Syn. Fishkill Beauty.	N. Y.	rob	ml	wyb	vfj	w	sa	g	m	m	---
Fishkill Beauty. D. Syn. of Fishkill.	N. H.	ob	m	drs	tm	gw	rsa	g	m	m	---
Fish Seedling. R. Syn. Fish's Seedling.	N. H.	ob	m	rs	cfj	w	s	g	m	l	---
Fish's Seedling. D. Syn. of Fish Seedling.	N. H.	rob	l	pyrc	---	---	sa	g-vg	---	---	---
Fiske. D.	---	---	---	---	---	---	---	---	---	---	---
Fisk. W. Syn. of Fisk.	---	---	---	---	---	---	---	---	---	---	---
Fisk's Fall Seedling. IIIB45. Syn. of Fisk.	---	---	---	---	---	---	---	---	---	---	---
Fisk's Seedling. T. Syn. of Fisk.	---	---	---	---	---	---	---	---	---	---	---
Five Crowned Pippin. GenF'93. Syn. of London Pippin.	---	---	---	---	---	---	---	---	---	---	---
Five Quartered Gilliflower. Dap. Syn. of Scollop Gilliflower.	---	---	---	---	---	---	---	---	---	---	---
Five Square. A'77.	---	---	---	---	---	---	---	---	---	---	---
Fixlin. Hort'49.	S. C.	ob	l	rs	---	---	---	g	k	m	Not described.

<i>Forman's Cyren</i> , Genf '35. Syn. of Rikston.....	N. C.	rob	l	wrs	tmj	w	sa	vg	dm	m	Not described.
<i>Formosa Pippin</i> , Genf '33. Syn. of Rikston.....											Do.
<i>Forney</i> , T. Syns. Fleming Perkins.....											
<i>Forquader</i> , D. Syn. of Fallwater.....											
<i>Forren</i> , E. Syn. Forren Hill.....											
<i>Forren Hill</i> , BBL. Syn. of Forren.....											
<i>Foster</i> , latf '96.....											
<i>Forsyth</i> (not of Coxo) D. Syn. of Easter.....											
<i>Forsyth's Seedling</i> , 111B45. Syn. of Late Strawberry.....											
<i>Forsyth's Seedling</i> , Hort '58. Syn. of Nickajack.....	Ohio	obl	ml	gyrs	fj			b		l	
<i>Fort Massie</i> , A '58.....	Ohio	ob	ml	rs	fcj	sa	sa	g	kl	me	
<i>Fort Meliss</i> , W.....	Ohio	robl	l	pyb	mcj	y	u	g		e	
<i>Fort Miami</i> , E. Syn. Scandiana Mala.....				yrs		y					
<i>Fosburg</i> , MinnHort '98.....				yt			s				
<i>Foster</i> , MagoffH '57.....											
<i>Foster</i> , W.....	Ohio	ob	m*	y			sa	g		m	
<i>Foster</i> , MofH '86.....			l				vg			m	
<i>Foster</i> , TennBl IX. Syn. of Wetmore.....											
<i>Foster's Best</i> , 111B45. Syn. of Pennock.....											
<i>Foster Fall</i> , R. Syns. Foster's Large Striped Fall, Foster's Striped Fall.....											
<i>Foster's Large Striped Fall</i> , MagoffH '47. Syn. of Foster Fall.....											
<i>Foster's Striped Fall</i> , MagoffH '53. Syn. of Foster Fall.....	Mass.	robl	m	wrs	jc	w	msu	g-vg		me	
<i>Foster Sweet</i> , D.....											
<i>Foster Yellow</i> , R. Syn. Foster's Yellow Fall.....											
<i>Foster's Yellow Fall</i> , MagoffH '53. Syn. of Foster Yellow.....											
<i>Fouldon</i> , L. Syns. Fouldon Pearmain, Horrex's Pearmain.....	Eng.	r	m	pyb	ic	yw	ba			l	
<i>Fouldon Pearmain</i> , Genf '33. Syn. of Fouldon.....											
<i>Fountainling</i> , MagoffH '48. Syns. Funtling, Grotton Shirley.....	Mass.	robl	m	yrs	ij	y	sa	vg	d	me	
<i>Fountainling</i> , MagoffH '36.....			ms	per	icij	w	sa	vg	d	m	
<i>Fountain Hill</i> , Hort '73.....	Iowa	ob									
<i>Fourth of July</i> , Genf '62. Syn. of July.....											
<i>Fourth of July</i> , Cat. Syn. of Siberian August. [This may be a crab.].....											
<i>Foust</i> , D. Syn. of Faust.....											
<i>Foster</i> , D. Syn. of Smith.....											
<i>Fox</i> , L. Syns. Fox Apple, Fox Sheepnose, Sheepnose.....	Ohio	robl	ml	wrs	cdj	w	sa	g	d	m	
<i>Fox Apple</i> , Dup. Syn. of Fox.....											
<i>Fox Apple</i> (of some), Hort '73. Syn. of Bullock.....											
<i>Foxite</i> , W.....	Ind.	r	l	y			sa	g		m	
<i>Foxley</i> , NEF '26.....											
<i>Fox Sheepnose</i> , Dup. Syn. of Fox.....											
<i>Foxwell</i> , A '79.....											
<i>Fox Whelp</i> , A NEF '26.....											
<i>Frause</i> , D.....	Eng.	r	m	yrs	f				e	m	
<i>Frause</i> , D.....	Pr.	re	s	yt	ic		sa				
<i>Frause</i> , D.....	Kaus		ml	r		y	u	g	m	vl	
<i>Fraker's Seedling</i> , KantM. Syn. of Fraker.....											
<i>Fraser's Seedling</i> , KantM. Syn. of Fraker.....											
<i>Frankhouse</i> , D. Syns. Frankhouse, Calville Rouge d'Automne, (incorrectly).....	Ger.	robl	ml	gyrs	ij	w	sa			me	
<i>Frankhouse</i> , D. Syn. of Frankhouse.....											
<i>Frankingham</i> , R. Syn. Frankingham Nonsuch.....											
<i>Frankingham Nonsuch</i> , Vidal. Syn. of Frankingham.....											
<i>Franchise</i> , R. Syn. Franchise Pepin.....											

Named by a committee of
the Mass. Hort. Society.

Not described.

Do.

From Lindley.

Not described.

Do.

From Lindley.
From Society Van Mons.

From Annals of Pomology.

Not described.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Franché Pippin</i> . GenF 33. Syn. of Franche											
<i>Franchot</i> . D.	N. Y.	rc	m	ys	jc	y	psa	g		ml	
<i>Franklin</i> . Dap.	Pa.	ob	m	gwr	ftj	wy	sa	vg		m	
<i>Frank</i> . W. Syn. of Chenango											
<i>Frank Bassett</i> . JTL		rc	l	r				vg	m	l	
<i>Frankfort Queen</i> . A 60. Syn. of Buckingham											
<i>Frankiana</i> . P 94	Ill										
<i>Franklin</i> . W. Syn. Franklin Green Pippin		rc	l	yc	ftj	y	msa	vg	d	ml	
<i>Franklin</i> . Dap. Syn. of Fronsclin		rob	m	yb	cj		sa			m	
<i>Franklin Golden</i> . W. Syn. Hughes American Golden Pippin	Am.		l	y	ufj	y	a	vg	d	l	
<i>Franklin Golden Pippin</i> (III). D. Syn. of Franklin (III)		obl									
<i>Franklin (III)</i> . L. Syns. Franklin Golden Pippin (III), Golden Pippin	{ Pa.? Ill.?	rc	m	py	tmj	y	msa	vg		ml	
<i>Franklin's Golden Pippin</i> . M. Syn. of Sudlow											
<i>Franklin Green Pippin</i> . GenF 33. Syn. of Franklin											
<i>Franklin June</i> . Hort 65. Syn. Franklin's June			m								
<i>Franklin's June</i> . IIB 45. Syn. of Franklin June	Me		m	y	j	w	s	g		l	
<i>Franklin Sweet</i> . A 77											
<i>Frank Rambo</i> . D. Syn. of Summer Rambo											
<i>Francosche Edelreinette</i> . D. Syn. of French Reinette											
<i>Franc Reinette</i> . D. Syn. of French Reinette											
<i>Fraser</i> . R. Syn. Fraser River Beauty											Do.
<i>Fraser River Beauty</i> . CanEXR 01. Syn. of Fraser											Do.
<i>Frazer</i> . BBL											Do.
<i>Frazer Hardskin</i> . R. Syn. Frazer's Hard Skin											
<i>Frazer's Hard Skin</i> . JVL. Syn. of Frazer Hardskin											
<i>Frazier Favorite</i> . P 95. Syn. of Cantrel											
<i>Fred Walls</i> . MoH 63. Syn. of Walls											
<i>Fred Seedling No. 1</i> . IaH 97											
<i>Fred Seedling No. 2</i> . IaH 97											
<i>Fred Seedling No. 3</i> . IaH 97											
<i>Fred Seedling No. 5</i> . IaH 97											
<i>Freeman</i> . D	N. J.	oc	m	r	t	ws	sa	vg		vl	
<i>Freeman</i> . MoH 85. Syn. of Freeman Red											
<i>Freeman Red</i> . NWFc 35	Mo		vl	dr				vg		l	
<i>Freeze and Thaw</i> . Hort 33	Pa.	obc	m	ys	f	w	sa	p		l	
<i>Fremont</i> . L. Syn. Fremont Pippin	Pa	rc	m	pyc	cj	w	bsa	vg		ml	
<i>Fremont Pippin</i> . D. Syn. of Fremont											
<i>French</i> . W	N. E.	obc	ml	ys	c	y	sa	g		m	
<i>French</i> . W	Pa.?	r									

Not described.

[illegible]

[illegible]

III. ?	r ob	m ml	rs rs	f fj	g ga	v m
Gilpin Seedling. L. Syn. Seedling Gilpin.						
Gillner. W. Syn. Gillnet's.						
Gillingham. W. Syn. of Gillet.						
Gilman. L. Syn. Am't White Juncosed.						
Gilmer. Magedon 70.						
Gilmore. L. Syn. Am't Ginnie						
Gilroy. Gb. Syns. Gipsy Girl, No. 1227 Ia, from Rgt. No. 56 Var. Tsiganika						
Gipson. L. Syns. Gipson's Kentuck'-. Gipson's Kentucky Seedling.						
Gipson's Kentucky. D. Syn. of Gipson						
Gipson's Kentucky Seedling. GarM'el. Syn. of Gipson						
Gipsy Girl. N. Syn. of Gipsev						
Girkin Pippin. D. Syn. of Wyken						
Givens. ARB49. Syn. Arkansas Baptist						
Glacé de Zelande. K. Syn. of White Astrachan.						
Glare Rouge. D. Syn. of Bareclom.						
Gladney. L. Syns. Gladney Red, Gladney's Red.						
Gladney's Red. W. Syn. of Gladney						
Gladstone. W&TSCo.						
Glamadis. L. Syns. Carse of Gowrie, Glamis Castle, Late Carse of Gowrie, Tower of Glamis.						
Glamis Castle. GenP'33. Syn. of Glamis						
Glanz. L. Syns. Glanz Reihette, Tyrole Glanz-reihette						
Glanz-Teinette. D. Syn. of Glanz						
Glass. MHSC86. Syns. Shro. to Ia. No. 85, Stockholm.						
Glass Apple. A'81. Syn. of Early Harvest						
Glass Apple. Hort 54. Syn. of Summer Rose						
Glass Green. Gb. Syn. of Green Glass						
Glass Jewel. Gb. Syn. of Jewel Glass						
Glass Water. Gb. Syn. of Winter Glass						
Glassy Sand. Gb. Syn. of Sandy Glass						
Glasd. A'86.						
Glastenbury. R. Syn. Glastenbury Seckinfurther						
Glastenbury Seedling. GenP'46. Syn. of Glastenbury						
Glastenbury. Glastenbury. D. Syn. of Gloria Mundl.						
Gleason. R. Syn. Gleason's.						
Gleason's. LH11'99. Syn. of Gleason.						
Gleason Sweet. D.						
Glen. R. Syn. Glen Aphin						
Glen Aphin. A'97. Syn. of Glen						
Glen Aphin. W.						
Glendale. Tumb'l-IX.						
Glenloch. P'95. Syn. Glenville Sweet.						
Glenville Sweet. WVA'B75. Syn. of Glenville						
Glints. Gb. Syns. Clay, Glintsovo, Glinzowec, Gov. list No. 490						
Glints. Gb. Syn. of Glinta						
Glinzowec. Gb. Syn. of Glinta						
Globe. A'91						
Globe. (LC)						

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origln.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Gloria Mundi. DomEnc. Syns. American Gloria Mundi. American Mammoth, Baltimore (of some), Baltimore Pippin, Belle Josephine, Belvidere, Copp's Mammoth, Glazenwood Gloria Mundi, Josephine, McHenry Pippin, Mammoth Pippin, Melon, Mississippi, Monstrous Pippin, Mount-tain Flora, New York Gloria Mundi, Ox Apple, Pound, Tennessee Mam-moth.	Am.....	rob	vl	gy	ct	.....	sa	g	.....	ml	
<i>Gluffed Downie.</i> A 88. Syn. of Bogdanoff. [This synonym given by Prof. Badd.]											
<i>Glory of England.</i> D. Syn. of England											
<i>Glory of Russia.</i> Cat. Syn. Chandler											
<i>Glory of the West.</i> K. Syn. of Dutch Collin											
<i>Glory of the West.</i> D. Syn. of Western Glory											
<i>Glory of York.</i> GenF'33. Syn. of Ribston											
<i>Gloss.</i> GenF'33	Va.....	rob	m	y	jc	y	psa	g	dc	m	
Gloucester. DomEnc. Syn. Gloucester White											
<i>Gloucester Cheese.</i> E. Syn. of Mangum											
<i>Gloucester Cheese.</i> H. Syn. of Summer Cheese											
<i>Gloucester Pearmain.</i> D. Syn. of Clarke Pearmain											
<i>Gloucester White.</i> C. Syn. of Gloucester											
<i>Gloucester White</i> (incorrectly). Dap. Syn. of Settle.											
<i>Glover.</i> R. Syn. Glover's Seedling											
<i>Glover's Seedling.</i> MagofH'53. Syn. of Glover											
Glover Early. R. Syn. Glover's Early											
<i>Glover's Early.</i> A 73. Syn. of Glover's Early											
Glover Sweet. R. Syn. Glover's Sweet											
<i>Glover's Sweet.</i> MagofH'53. Syn. of Glover Sweet											
<i>Glowing Coal.</i> JTL											
Goble. L. Syns. Goble Russet, Sweet Seek-no-further											
<i>Goble Russet.</i> E. Syn. of Goble											
<i>Goble Russet.</i> H. Syn. of Golden Pearmain											
Godbey. P 95											
Goddard. NHB40											
<i>Goff Green.</i> A 88. Syn. of Bogdanoff											
<i>Goff Green.</i> Y 76											
Gogar. L. Syns. Gogar Pippin, Stone Pippin											
<i>Gogar Pippin.</i> D. Syn. of Gogar											
Golin. TannB1-X											
Golby. W	Tenn	rob	l	hrs	frj	y	sa	vg	.....	l	
Golby. ArkB60	Ind	obe	m	hrs	frj	y	bsa	g-vg	d	vl	
Gold. ArkB60	Ark	oble	ml	yc	frj	y	sa	vg	.....	ml	
<i>Gold Apple.</i> IllB45. Syn. of Gold											

Not described.

Do.

Do.

Do.

Do.

[illegible]

Rus.	obe	m	yr	fec	sa	g	.....	m
Golden White. Gb. Syns. Beel Solotoiskaja, Biel Zolotoyskaya, Gov. list No. 978.	N. C.	m	y	fec	sa	g	.....	1
Golden Wilding. Hort. 68.	N. Y.	m	y		s		.....	1
Golden Winter. L. Syn. Golden Winter Sweet.								
Golden Winter Sweet. W. Syn. of Golden Winter.								
Golden Worcester. D. Syn. of Worcester.								
Golden Yellow. Hort.	Teun.	ml	yr			g		1
Golden Yellow. DOM.						g		1
Golden Yellow. D. Syns. American Golden, American Golden Pippin, Golden Pippin, Golden Pippin, Golden Pippin of Westchester Co., Newtown Greening, New York Greening, Ribbed Pippin.	Am. N. Y.	ml	y	je	brsu	vg	dm	ml
Gold Medal. R. Syn. Golden Medal.								
Gold Patch. SDB65.								
Gold Pearmain. Moll'87.								
Gold Retinette. Moll'67.								
Gold Retinette von Bortaux. D. Syn. of Bortaux.								
Gold Ridge. BBL.								
Golden Golden. BBL.								
Goldmine Bedae. Gb. Syn. of White Pigeon.								
Goldmine (Bachoe not of Rgl.). Gb. Syn. of White Pigeon.								
Goode. A'97. Syn. Goode's No. 10.	Iowa	r	y		sa	g		vl
Goode's No. 10. A'95. Syn. of Goode.								
Good Husbandman. Gb. Syn. of Good Peasant.								
Good Husbandman. Gb. Syn. of Good Peasant.								
Good Peasant. Syns. Dobruil krestumlin, Good Husbandman, Gov. list No. 387, Shro. to Ia. No. 31.	Rus.	1			sa	vg		m
Good Peasant. IIIIT'91. Syn. of Longfield. [Same as Good Peasant, III.								
Good Peasant. R'91, 144.]								
Good Russet. W.	Ohio.	r	ml	ru		g		1
Good Russet. Hort'90.								
Goodspeed. Hort'90.	Pa.	r	r	fj	sa	g		vl
Goodyear. A'52. Syn. Goodyear's Seedling.	Mo.	m	r					1
Goodyear. Moll'70. [Probably distinct from "G" of Downing and Elliott.]								
Goodyear's Seedling. D. Syn. of Goodyear.	Eng.	re	1	gyb	sa	g	k	1
Gooseberry. D.	Eng.	r	s	yr	bmsa	g	d	ml
Gooseberry Pippin. D.								
Goosepen. F.								
Gordon Ball. Cal.	N. C.	e	ml	rs	sa	g		1
Gordon. BBL.	Md.	r	m	rs	sa	g		1
Gordon's Seedling.						vg		e
Gordon's Cluster. R. Syn. Gordon's Cluster.								
Gordon's Cluster. Ppl. Syn. of Gordon Cluster.								
Gordon's Seedling. W. Syn. of Gordon.								
Gore. A'67.	South. S. C.							
Gorin. R. Syns. Gorin's New Russet, Gorin's Russet.	Ky?	m	ru			vg		1
Gorin's New Russet. A'75. Syn. of Gorin.								
Gorin's Russet. A'71. Syn. of Gorin.								
Gorke Pippin. Gb. Syns. Butter Pippin, Gov. list No. 265, Pippin Gorkaya, Pippin Gorkaya.	Rus.							
Goss. R. Syn. Goss' Beauty.								
Goss' Beauty. CalB7. Syn. of Goss.								
Goss' Seedling. No. 38. Hort'88.								
Gothouse. Moll'70.								

Said to be identical with Lyon.

Not described. Do.

Do.

Do.

Do.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Gouldie. IllB45.											
Gould. L. Syn. Gould's Sweet.	Pa.?	robc	m	y	mtj	y	s	g	k	l	Not described.
Gould's Sweet. D. Syn. of Gould.											Do.
Gourmand. R. Syn. Gourmand Russet.	Vt.	r	l	yr	j		a	g	k	ml	
Gourmand Russet. MagofH 40. Syn. of Gourmand.											
Governor. NEF 31.											
Governor Charter. D. Syn. of Charter.											
Governor Charter's Seedling. PFar 60. Syn. of Charter.											
Gov. Morrow. W. Syn. of Morrow.											
Gov. Seaward. E. Syn. of Twenty Ounce.											
Gowden. Hort 56. Syn. of Nickajack.	Ont.	r	l	py	fy	y	sa	g	dk	me	Do.
Goyeaud. Dup											From Gardener's Monthly.
Grab. IllB45.											Not described.
Gracey. NYB50											
Gracie. NYB55. [Perhaps same as Gracey.]	Ill	rc	ml	pg	c	gw	sa			me	Do.
Granger. Gb. Syn. Russian Gravenstein.											From Gardener's Monthly.
Granger's Pearmain. KanEXR 89. Syn. of Granger.											Not described.
Graftfather. Russischer Gb. Syn. of Russian Gravenstein.											
Graftfather's Seedling. Gb. Syn. of Russian Gravenstein.											
Graft Stea. Hort 75. Syn. of Gravenstein.			l								Do.
Graft. MagofH 41. [Said to be large and handsome.]											
Grafton Sweet. D. Syn. of Seaver.											
Grafton's Red Warrior. Lin. Syn. of Seaver.											
Graham's Red Warrior. D. Syn. of Nickajack.											
Graham White. DOM											
Grain d'Or. L. Syn. Reinette Grain d'Or.		rob	l	y	fj	y	bsa			ml	Do.
Grammer's Pearmain. KanEXR 89. Syn. of Grammer.											From Album de Pomologie.
Grammer. R. Syn. Grammer's Pearmain, Grammer's Pearmain.											Not described.
Grammer's Pearmain. PFar 62. Syn. of Grammer.	Ger	rob	m	pyc	fcj	yw	rsa	g	d	l	From Hogg.
Granat. L. Syn. Eng'ish Granat Reinette, Pomme Granate.											
Grand Duke Constantine. MHSC 86. Syn. of Constantine.	N. E.	robc	ml	wrs			sa	g		m	
Grandfather. W											
Grandfather. D. Syn. of Cocklin.	Rus.	robc	ml	gb	fj	w	sa	g		l	
Grandmother. MHSC 81. Syns. Babuschkin, Gov. list No. 469, Grandmother's Apple, Shro to Ia. No. 6.											
Grandmother. D. Syn. of Stillwater.											
Grandmother's Apple. Gb. Syn. of Grandmother.											
Grandmother's Apple. MagofH 60. Syn. of Granite.											
Grand Richard. Gb. Syn. of Richard.											
Grand Sachem. NEF 29. Syn. of Black Detroit.											
Grand Sultan. NYEXR 92.	Rus.	robl	ml				sa	p		c	May be Yellow Transparent. See A 83, 113.

Green Crank.	Hort'83	South....	rob	l	gy	.....	sa	g	dk	l	May be same as Green Cheese.
<i>Green Crank.</i> D. Syn. of Green Cheese.		Rus.	l								
<i>Green Grincen.</i> Gb. Svs. Gov. list No. 399, Krimskaja Selonka, Krims-kaya Zelenka.											
<i>Green Bontic.</i> D. DomEnc. Syn. of Everlasting.		Fa?	ob	m	KYS	f w	psh	g		l	
<i>Green Everlasting.</i> E. Syn. of Grindstone.											
<i>Green Fancus.</i> AGar'01.		Que	rob	m	yb	w	su	g		ml	
<i>Green Fay.</i> Syn. of Greening Fay. [Large, handsome and good.]											
<i>Greenfield.</i> EWR. Syn. of Downing Blush. [Probably Greenville.]											
<i>Greenfield Seedling.</i> R. Syn. of Greenfield.		Ont	re	ms	wvrs	et w	su	g	k	vl	
<i>Greenflat.</i> CanH'91. Syn. of Greenflat.											
<i>Green Flat.</i> W. Syn. of Greenflat.			ob		gy		su				
<i>Greentower.</i> R. Syn. Green Flower.		In	e		gy		su				
<i>Green Flower.</i> W. Syn. of Greentower.											
<i>Green Fulwood.</i> GenF'33. Syn. of Fulwood.											
<i>Green Gare.</i> IndH'72.											
<i>Green Gillflower.</i> W.			c		gy	e g	s	p		me	Do.
<i>Green Glass.</i> Gb. Svs. Glass Green. Gov. list No. 187, Stekljanika		Rus.	oble	m	ys		sa		km		
Selonka Stekljanika zelenka.											
<i>Green Golden.</i> R. Syn. Green's Golden.											Do.
<i>Green's Golden.</i> OklB2. Syn. of Green Golden.											
<i>Green Hop.</i> PFar'60.											
<i>Green Horse.</i> W.											
<i>Greening.</i> D. Syn. of Green Cheese.		South.									
<i>Greening T.</i> Syn. of Rhode Island.											
<i>Greening Gb.</i> Syn. of Zelenska.											
<i>Greening Burlington.</i> Lin. Syn. of Burlington Greening.											
<i>Greening Cathard.</i> Lin. Syn. of Cathard.											
<i>Greening Fay.</i> MagO'H'47. Syn. of Green Fay.											
<i>Greening Pomaria.</i> A67. Syn. of Pomaria.											
<i>Greening Rhode Island.</i> Lin. Syn. of Rhode Island.											
<i>Green's Inn.</i> AmGar'01. Syn. of Rhode Island.											
<i>Green Keeper.</i> JTL.											
<i>Green Lambertwig.</i> Cat.											
<i>Green Lambertwig.</i> IIIB45. Syn. of Lambertwig.											
<i>Green Mountain.</i> L. Syn. Green Mountain Pipin.		Ga.	robl	m	gy	cjt w	psh	g	ml		
<i>Green Mountain Pipin.</i> E. Syn. of Fallwater.											
<i>Green Mountain Pipin.</i> PFar'48. Syn. of Green Mountain.											
<i>Green Mountain Pipin.</i> D. Syn. of Virginia Greening.											
<i>Green Mountain Russet.</i> IIIB45.		N. Y.	rob	m	g	vjc	gw sa	b	dke	vl	
<i>Green Newtown.</i> L. Svs. American Newtown Pipin, Brooke's Pipin,											
Brook's Pipin, Green Newtown Pipin, Green Winter Pipin, Hunt's											
Fine Green Pipin, Hunt's Green Newtown Pipin, Large Newtown											
Pipin, Newtown Pipin, Newtown Pipin Green, Petersburg Pipin.											
<i>Green Newtown Pipin.</i> C. Syn. of Green Newtown.											
<i>Green Nonpareil.</i> W.			ob	l	gy		sa	g		l	
<i>Green Nonpareil.</i> K. Syn. of Petworth.					gy		sa				
<i>Green Peurnalm.</i> W.		South.									
<i>Green Pipin.</i> W.		Ind.									

Do.
Distinct from Yellow New-
town.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Green Prince. MHSC'81. Syn. Gruner Fustenapfel	Ger.	ms	ms	g						vl	
Green ReINETTE. D. Syns. Groene Franse ReINETte, Groene Renet, Grune ReINETte, ReINETte Verte.	Eng.? ..	rob	m	yg	tj	yw	sa			vl	
Green Rubets. Gb. Syns. Gov. list No. 462, Green Cut, Rubets Zelenni, Rubetz Selonnin.	Rus.										
Green Russet. IndF'40	N. C.	rob	l	grub			sa	g	k	ml	
Green SeeknoFurth. R. Syns. Brace's Seek-no-further, Bracy's Seekno-further, Flushing Seekno-further, Green Seek-no-further, Pomme Royal (of some), Pound Royal, Seekno-further of Cox, Seekno-further White, White Seekno-further.	N. Y.	rc	l	yg	ctj	w	psa	vg		ml	
Green Seek-no-further. E. Syn. of Green Seekno-further.											
Greenskin. R. Syn. Green Skin.	N. C.	ob	ml	g			sa	g		ml	
Greenskin. D. Syn. of Green Cheese.											
Green Skin. T. Syn. of Greenskin.											
Green Stranger. Gb. Syn. of Stranger.											
Green Straked. Gb. Syns. Gov. list No. 177, Polostaja Schlenka, Zelenka polosataya.	Rus.										
Green Street Apple. D. Syn. of Wanstall.											
Green Syre. ABBL	Mass.										
Green Sweet (Mass.). M. Syn. Honey Greening.	Ind.	robc	m	g	tj	w	s	g	km	l	
Green Sweet (Rus.). Gb. Syns. Green Sweeting, Gov. list No. 169, Regel, Selenka Sladkaya, Zelenka Sladkaya.	Rus.	rc	ml	g	tj	y	s	g		l	
Green Sweet. D. Syn. of Pelham.											
Green Sweeting. W. Syn. of Green Sweet.		r	l	g			s	vg		l	
Green Sweeting. Gb. Syn. of Green Sweet.											
Green Sweet. of Ind. W. Syn. of Victuals and Drink.											
Green Tiffin. D. Syn. of Green Tiffin.											
Green Tiffin. R. Syns. Green Tiffin, Mage's Johnny.	Eng.	rc	m	yr	ct	w	a			m	
Green Transparent. Gb. Syns. Gov. list No. 335, Skvosnoi Zelenni, Skvosnoi Selenoe.	Rus.										
Greenup. L. Syns. Greenup's Pippin, Greenus' Pippin.		r	ml	pyb	tj	yw	s			m	
Greenup's Pippin. AmF'37. Syn. of Greenup.	Eng.										
Greenus' Pippin. D. Syn. of Greenup.											
Green Vandevere. T. Syn. of Vandevere.		ob	ml	wyb						l	
Greenville. A 97. Syns. Downing's Winter Maiden's Blush, Maiden's Blush.											
Greenwich. P 94.	Conn.	rob	l	gyrs	fj	y	msa	vg	dm	m	
Green Winter. W.	Ohio.	c	l	y			s	vg		l	

Probably Winter Maiden
Blush, Pomologist, '94, 23.

From Hogg, who spells it
Green Tiffin.
Not described.

From Hogg.

Of uncertain identity.

Do.
Do.
May be Victuals and Drink.

Do.

From Hogg.
Not described.

[illegible]

Grosvenor. R. Syn. Lord Grosvenor	For.	ob	m	gy	tj	yw	psa	g-vg	l	Do.
Gros Yert. Dap. Syns. Grosse Verte, Large Green										Do.
Gros Vor. UCExR 92.										Do.
Graton. Obe. Syn. of Foundling	N. J. ?	rc	m	gys	tj	w	mst	g	m	Do.
Gratin. D. Syn. of Foundling										Do.
Gravin. L. Syn. Red Grove	Tex.	obl		rs			sa	vg	e	Do.
Grover Cleveland A 95										Do.
Grover. L. Syn. Grub's Summer										Do.
Grub's Summer. C. Syn. of Grub										Do.
Grumas Pippin. D. Syn. of Birmingham Pippin										Do.
Grummage Pippin. D. Syn. of Birmingham Pippin										Do.
Grundy. JNCo. Syns. Old Grundy, Thompson's Seedling No. 38.	Iowa	obl	l		tj		sa		me	Do.
Grun Reinette. D. Syn. of Green Reinette										Do.
Grun Reinette. GenF 33. Syn. of Nonpareil										Do.
Gruener Fustnagel. WHSC 81. Syn. of Green Prince										Do.
Grunling Von Rhode Island. D. Syn. of Rhode Island										Do.
Gruschaobrasaoe. Gb. Syn. of Pynform										Do.
Gruscheffka. Gb. Syn. of Pear										Do.
Gruscheffka Bsenajai. Gb. Syn. of Autumn Pear										Do.
Gruscheffka Moskatoskaja. Gb. Syn. of Moscow Pear										Do.
Gruscheffka Revelskaja. Gb. Syn. of Revel Pear										Do.
Gruscheffka Sladkaja. Gb. Syn. of Sweet Pear										Do.
Gruschenka. Gb. Syn. of Pear										Do.
Gruschenka Moskouskaja. Gb. Syn. of Moscow Pear										Do.
Gruschenka Osenajai. Gb. Syn. of Autumn Pear										Do.
Gruschenka Revelskaja. Gb. Syn. of Revel Pear										Do.
Gruschenka Sladkaja. Gb. Syn. of Sweet Pear										Do.
Gruschoyka. CanExR 01.										Do.
Gruschkirka. SDB76.	Swed	obc	m	gyrs	jc	w	sa	g	e	Do.
Gruber. L. Syn. Gruver's Early	Pa.	rob	ms	pyw	j	w	psa	g	e	Do.
Gruver's Early. D. Syn. of Gruver										Do.
Guderstrup. R. Syn. Guderstrup's Gravenstein										Do.
Guderstrup's Gravenstein. BBL. Syn. of Guderstrup										Do.
Guern. CanExR 98	Que	r	l	gyrs	fj	w	sa	vg	m	Do.
Guernsey. L. Syn. Guernsey Pippin										Do.
Guernsey Pippin. D. Syn. of Guernsey										Do.
Gulford. L. Syn. Guilford Red										Do.
Gulford Red. Dap. Syn. of Guilford	N. C.	obc	m	yr	fj	yw	sa		l	Do.
Gully. MH 97. [Probably intended for Gully.]										Do.
Guliett. W										Do.
Gulley Apple. A 52. Syn. of Gully										Do.
Gully. E. Syn. Gulley Apple	Pa.	obc	l	gyrs	j				l	Do.
Gully. W. Syn. of Mangum										Do.
Gum. R. Syn. Gum Sweeting	Iowa?									Do.
Gumpper. E&B 77.										Do.
Gum Sweeting. Hort 54. Syn. of Gum										Do.
Gurkow. BBL										Do.
Guseman. R. Syn. Guseman Sweet										Do.
Guseman Sweet. WVaB 75. Syn. of Guseman										Do.
Guthrie. MoH 88.										Do.

Originated by J. S. B. Thompson, Grundy County, Iowa.

Not described.

Exhibited at Chicago, Oct., '58, by H. Finley, of Iowa.

Not described.

Do.

Do.

[illegible]

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origh.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Hampton Russet. L. Syn. Hampton's Russet.....	Ohio.....	robl ob	s	ytu	tf	y	bsa	g	d	ml	
<i>Hampton's Russet.</i> W. Syn. of Hampton Russet.....	Swed.....		m	yb			vg	dkm		e	
Hamptus. MHC 86.....	Pa.....	r	l	ygs	cmj	y	psa	g		l	
Hancock. D.....	Rus.....										Not described.
Hansome White. Gb. Syns. Beel Krasawiza, Biel Krasawitsa, Gov. list No. 450.....	Eng.....	robl		gy	j		rsa		c		
Hanger. L. Syn. Everlasting Hanger.....											Do.
<i>Hanger.</i> L. Syn. of Titus.....	Ohio.....		l	rs	j		s			ml	
Hanigan. L. Syn. Hanon's Sweet.....	Ohio.....										Do.
<i>Hanigan's Sweet.</i> JRL Syn. of Hanon.....	Ohio ?	rob l	l	yrs	e	w	bsa	g	km	m	
Hannah. Gen F 40. Syns. Aunts, Shreeve, Shreve.....											Do.
Hanover. Ind H 93.....											Do.
<i>Hanover Seedling.</i> D. Syn. of Beadell.....											Do.
Hans Muller's. Gen F 33. Syn. of Menage.....											
Hansome. R. Syn. Hansome's Choice.....											
<i>Hansome's Choice.</i> IIIH 81. Syn. of Hansome.....											
Hans Uli. Moh 87. Syn. of Uli.....											
Hanwell. L. Syn. Hanwell Souring.....	Eng.....	obc	m	gyb	cf	w	ba	g	k	vl	
<i>Hanwell Souring.</i> D. Syn. of Hanwell.....											Do.
Hapgood. Hort 46.....											
Harbert. R. Syn. Harbert's Reinette.....		rc	ml	gy	cj	w	sa	g		ml	
<i>Harbert's Reinette.</i> CanEXR 01. Syn. of Harber.....											
Harbord. L. Syns. Colored Harbord's Pippin, Harbord's Pippin.....	Eng.....	rc	l	ytu	j	w	ba			l	From Hogg.
<i>Harbord's Pippin.</i> D. Syn. of Harbord.....											
Harbour. P 87.....	N.C.....	rob	s	yrs	cfj	y	sa	vg		l	One of Thompson's seedlings.
<i>Harbour.</i> JNCo. Syn. Thompson's Seedling No. 46.....	Iowa.....	ob	l	gr			sa			ml	Not described.
Harding. R. Syn. Harding's Favorite.....											
<i>Harding's Favorite.</i> Ind H 82. Syn. of Harding.....											
Hardingham's Russet. E. Syn. of Pine Russet.....											
Hardison. R. Syn. Hardison's July.....				dr							
<i>Hardison's July.</i> JCF Syn. of Hardison.....											
Hard Lamb. IIIH 72. Syn. of Peak Fall.....										e	
Hard Red. IIIH 95. [Probably Greyhouse.].....											Do.
<i>Hard Red.</i> Dup. Syn. of Greyhouse. [May Seek-no-further, Hoops.].....											Do.
Hardskin. D. Syn. of Holly.....											Probably distinct from Swaar.
Hardwick. Moh 70. (Ga.).....	Mo.....							vg		vl	

Hemmingburgher's Greening.	MiehB3L	Syn. of Hemmingborger
Hempball W.		
Hennestad.	D. Syn. of Streaked Pippin.	
Henderson.	MoH73.	
Hendrick R.	Syns. Hendrick Sweet, Sweet Winesap.	
Hendrick Sweet.	A89.	Syn. of Hendrick.
Henhouse.	NF30.	
Henley W.		
Hennepin.	IIIH57.	
Henneker.	L. Syn. Lady Henniker	
Hening.	SCExR'98.	
Heming Stripe.	R. Syn. Henning's Striped Sweet	
Heming's Striped Sweet.	MoH86.	Syn. of Henning stripe
Henrick L.	Syn. Henrick Sweet	
Henrick Sweet.	Hort30.	Syn. of Henrick
Henrick Sweet.	T. Syn. of Sweet Pearmain.	[Mr. Lyon thought this doubtful.]
Henrick Sweet.	D. Syn. of Sweet Winesap.	
Henry W.	Syn. Henry Apple.	
Henry Apple.	D. Syn. of Henry.	
Henry Clay.	BBL	
Henry Sweet.	D. Syn. of Sweet Winesap	
Henry Sweeting.	IIIH69.	[This may be Sweet Winesap.]
Henry Weeping.	R. Syn. Henry's Weeping Pippin.	
Henry's Weeping Pippin.	Hort'49.	Syn. of Henry Weeping
Henshaw.	D. Syn. of Buckingham	
Henwood.	MoH63.	Syn. Henwood Seedling
Henwood Bellflower.	IIB45.	[Probably a syn. of Henwood]
Henwood Seedling.	A'60.	Syn. of Henwood
Heppler.	Hort'33.	
Hepper.	E	
Herbstallville.	R. Syn. Rother Herbstallville	
Herbst Seedling.	Gib.	Syn. of Autumn Streaked
Herbst Seedling.	Gib.	Syn. of Autumn Streaked
Herbst-rich Appl.	D. Syn. of Early Autumn.	
Hereford Pearmain.	Wg.	Syn. of Herefordshire
Herefordshire L.	Syns. English Pearmain, Hereford Pearmain, Herefordshire Pearmain, Hertfordshire Pearmain, Old Pearmain,	
Herefordshire Red Streak.	D. Syn. of Redstreak	
Herefordshire F.	Syn. of Herefordshire	
Herefordshire Bee-lug.	(Winter Pearmain, erroneous.)	
Herefordshire Golden Pippin.	T'CExR'92.	
Herefordshire Pearmain.	D. Syn. of Golden Pippin (Eng.)	
Herefordshire Pearmain.	GenP'33.	Syn. of Herefordshire
Herefordshire Quencing.	D. Syn. of Crimson Queen	
Herefordshire Red Streak.	D. Syn. of Redstreak	
Herefordshire.	F. Syn. of Herefordshire	
Herman.	A'52.	
Herman.	MoH'88.	Syn. of Hermann
Hermann.	RNY70.	Syn. Herman
Herrndon.	BBI.	[This may be Sangamon. See IIHH'71, 273.]
Herrdon's Seedling.	IIHH'71.	Syn. of Sangamon

Hog Island. L. Syns. Canada Sweet, English Sweet (erroneously), Hog Island Sweet, Sweet Pippin, Van Klee's Sweet.	N. Y.	ob	m	yrse	jet	y	vs	g-vg	m	
Hog Island Sweet. D. Syn. of Hog Island.	N. Y.	obe	ms	pyfs	tyfj	y	rs	g	l	
Hog Island Winter. L. Syn. Winter Hog Island Sweet.	N. Y.									
Hogpen. Cole. Syn. of Fall Orange.	N. C.	r	ml	rs			sa	g		
Hog Pen. Dap. Syn. of Southern Porter.	Eng.	o	s	ytu	j	y	vlsa		vl	
Holiday's Seedling. Hort 56. Syn. of Hollady.	Eng.	ob	m	yfs	fumj	w	msa	g	l	
Holbert. L. Syn. Holbert's Victoria.										
Holbert's Victoria. D. Syn. of Holbert.										
Holcomb. D.										
Holdeman. MichB31										
Holden. D. Syn. of Fall Orange.										
Hollady Pippin. Cole. Syn. of Fall Orange.										
Holladay. Gb. Syn. of Shepherd.										
Holladay's Seedling. A 32. Syn. of Hollady.	Va.	ob	m	yfb	ct	y	sa	g	l	
Holland. L. Syns. Belvidere Pippin, French Pippin (of some), Holland Pippin, Pie Apple, Reimette de Hollande, Summer Pippin.		oble	vl	gyb			sa	g	me	
Holland Beauty. OreB22. Syn. of Hollandbury.	Eng.	rob	vl	yfb	tj	w	dsa		k	m
Hollandbury. E. Syns. Beau Rouge, Bonnie Rouge, Hawberry Pippin, Hollandburgh, Hollingbury, Horsley Pippin, Rowberry Pippin, Kirk's Star, Autumn ble.										
Holland Pippin. DonEuc. Syn. of Holland.										
Holland Red. L. Syn. Holland's Red Winter.	Ohio.								l	
Holland's Red Winter. Dap. Syn. of Winesap.										
Holland's Red Winter. Dap. Syn. of Winesap.										
Holland Rose. L. Syns. Pomme de Codillac, Rose de Hollande, Rose de la Benaige, Rose Tendre.	Hol. ?	obe	ml	dy	t	yw	a		l	
Holland Sweet. D. Syn. Holland's Sweet.		c	m	grs	f		s	g	vl	
Hollis. A 81	N. S.		vl						l	
Hollingbury. D. Syn. of Hollandbury.										
Hollis Red. IIIB45. Syn. of Holly.										
Hollister. R. Syn. Hollister Sweet.										
Hollister Sweet. ColExR 88. Syn. of Hollister.										
Hollman. IIIH 68.										
Hollman. T. Syn. of Nickajack.										
Hollman Sweet. BBL										
Hollow Core (N. J.). D.	N. J.	robl	m	yrb	tj	w	sa	g	ml	
Hollow Core (Eng.). D.	Eng.	c	m	gb	t	w	bpsa		m	
Hollow Core Pippin. D. Syn. of Ordley.										
Hollow Crown. D. Syns. Hartford, Kelsey, Tyler.	N. E.	re	l	yfs	ctj	y	psa	g	km	m
Hollow Crown Pearmain. E. Syn. of Wine.										
Hollow Crown Pippin. D. Syn. of Hollow Eye.										
Hollow Eye. L. Syns. Hollow Crown Pippin, Hollow Eyed Pippin.	Eng.	rob	m	yfb	tj		sa		k	m
Hollow Eyed Pippin. D. Syn. of Hollow Eye.										
Hollow Rock. MagofH 53.										

The name rather indelicate.

From Hogg.

Not described.

Resembles Fall Pippin.

Not described.

Do.

From Annals of Pomology.

Not described.

Do.

Do.

From Hogg.

Not described.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Holly (Ga.). GenF'46. Syns. Hardskin, Hollis Red, Northern Hardskin, Persimmon, Summer Wine.	Ga.....	rob	m	ys	fj	y	s	g	.....	l	
Holly (W.A.). NY Ag'48. Syn. of Dyer.	Mo.....	l	l	rs	rs	.....	.....	g	.....	me	Distinct from preceding.
Holman. P'94. Syn. of Nickajack.	Mo.....	m	m	rs	c	y	bsa	g	.....	l	
Holman Russet. P'94. Syn. Holman.	Me.....	obc	s	cu	fj	y	msa	vg-b	d	l	Resembles Pomme Gris.
Holmes. Th. Syn. Holmes Apple.	Mass.	rob	m	yb	tj	y	sa	de	.....	ml	
Holmes Sweet. L. Syn. Holmes' Sweet.	N. Y.	rc	m	yb	tj	y	rs	vg	.....	l	
Holsten Sweet. D. Syn. of Holston.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Holston. L. Syns. Holsten Sweet, Holstone Sweeting, Holston Sweet.	.....	r	ml	gyb	fj	wy	ys	vg	dk	ml	
Holstone Sweeting. IndH'72. Syn. of Holston.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Holston Sweet. RNY'61. Syn. of Holston.	Ark.	ob	l	gywrs	cu]	gy	sa	g	.....	l	
Holt. IndH'80. Syn. Holt's Seedling.	Minn.	r	s	ygb	tj	y	s	g	de	m	
Holt (Minn.). IaH'98.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Not described.
Holten. L. Syn. Holten Sweeting.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Holten Sweeting. Th. Syn. of Holten.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Holton. K. Syn. Holton's Sweeting. [Probably same as Holten.]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Holton's Sweeting. MagoH'90. Syn. of Holton.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Holt's Seedling. ARKB'49. Syn. of Holt.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Home. ColB'17.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Honestad. Cat.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Home Vandevere. Cat. Syn. Southern Home.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Home Wine. (Ia).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Home Winter. K. Syn. Home's Winter Wine.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Honey. SOExR'98. [MagH'88. Syn. of Home Winter.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Homing. D. Syn. of Sons-of-Winny.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Homing. W. [Probably identical with Cat Pippin.]	Pa.....	l	l	y	.....	.....	sa	g	.....	l	
Hommacher. D. Syn. of Cat.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Hommacher Apple. E. Syn. of Cat Pippin.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Homony. W. Syn. Homony Apple.	South.	obc	l	rs	.....	.....	sa	g	.....	e	
Homony Apple. Hort'56. Syn. of Hommony.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Honestmaker Pippin. D. Syn. of Cut.	Va.....	obc	ml	ywsc	fcj	yw	msa	g-vg	d	vl	
Honest John. P'95.	[Pa.?	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Honey. W. Syn. Honey Sweet	[Ohio? ..	robc	m	pybc	mjc	w	vs	g	k	me	

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	T'ne.	Season.	Remarks.
					Texture.	Color.					
Hornhead. L. Syns. Arundel Pearmain, Hornhead Pearmain, Hornhead Pipin.	Eng....	re	m	py	ctj	w	bsa	g-vg	.....	m	
Hornhead Pearmain. GenF'33. Syn. of Hornhead.											
Hornhead Pipin. GenF'33. Syn. of Hornhead.											
Horn. W. Syns. Leech's Red Winter, North Carolina Vandevere.	Ga.?	ob	ms	wyrs	mj	yw	sa	g	.....	l	Not described.
Horn. W. Syns. Horn's Winter Wine. [Probably same as Horn.]											
Horn's Winter Wine. IaH'88. Syn. of Horn.	Pa		l	y				g	.....		
Hornet Seedling. Th(?) Syn. of Flat Sweet (Eastern).											
Hornet's Pearmain. D. Syn. of Foulton.											
Horse. Hort'52. Syns. Haas, Horse Apple, Large Yellow Horse, Oldfield Apple, Summer Horse, Tripp's Horse, Yellow Horse, Yellow Hoss.	N. C.?	rob1	l	yb	ict	y	sa	g	km	me	Of doubtful identity.
Horse (of Petticoles). H	Ohio							g	.....		
Horse Apple. E. Syn. of Fall Queen. [Buckingham?]											
Horse Apple. IndF'40. Syn. of Horse.											
Horse Bird. A'89. Syn. of Shockley.											
Horse (erroneously). D. Syn. of Finley.											
Horse (of some). Hort'70. Syn. of Haas.											
Horse Block. MagotH'48. Syn. of Manomet.											
Horse Improved. BBL.											
Horsehoe. R. Syn. Horse Shoe Red.											Not described.
Horse Shoe Red. WYaB75. Syn. of Horseshoe.										Do.	
Horsham. L. Syn. Horsham Russet.	Eng	r	s	ytu	fc	w	bsa		m		
Horsham Russet. D. Syn. of Horsham.											
Horsley Pipin. D. Syn. of Hollandbury.											
Horton. L. Syn. Horton Sweet.	Ohio										
Horton Sweet. W. Syn. of Horton.											
Hosfield. MagotH'53.											
Hoskreiger. GenF'33. Syn. Heidelecher.	Eng.?	ob	l	ygrs	t	w	bsa		l		Do.
Hoss. Dap. Syn. of Haas.											Do.
Hotchkins. SDB76. Syn. Hotchkiss Seedling.	Minu.	ob	l	gb	fj		psa	g	vl		From Hogg.
Hotchkiss Seedling. MinuEx'90. Syn. of Hotchkiss.											Originated by Mrs. Kimball, Winnebago City, Minn.
Hottelston. Dap. Syns. Libert, Lippart.	Pa	rob	l	gyrs	ij	w	sa		m		Not described.
Houlton. AmGar'02.											
Houghtailing. BBL.											
House. D. Syn. of Fall Wine.											
Housome. BBL. Syn. Housome's Choice.	Ill	obl	l	gyrs					vl		May be Housum Red of Pa.
Housome's Choice. BOC. Syn. of Housome.											
Houst. R. Syn. Red Houst.			l					g	m	e	

Houston, A 87.	Not described, Possibly identical with Housum.	Pa.	rob	m	yrs	ctj	w	sa	vg	d	l
Housum Red. R. Syn. Housum's Red.											
Housum's Red. Magoh 53. Syn. of Housum Red.											
Hovey, W. A 52. [Regarded as very good.]											
Howard. Hort 56. Syn. of Nickajack.			ob		rs			s	vg		
Howard Aport. R. Syn. Howard's Aport.											
Howard's Aport. DelExR 95. Syn. of Howard Aport.											
Howard Best. R. Syn. Howard's Best Russian.											
Howard's Best Russian. MichB31. Syn. of Howard Best.											
Howard's Edgemont. D. Syn. of Edgemont.											
Howard Russel. E. Syn. of Cheseboro.											
Howard Sweet. ArkB60.		Ark	oblc	l	r			s		m	ml
Howard's Sweet. D. Syn. of Bailey Sweet.											
Howbery Pippin. D. Syn. of Hollandbury.											
Howe Apple. Cole.		Mo		l	yrs				g		l
Howel. Magoh 53.											
Howe. D. Syn. of Fall Wine.											
Howe. Dap. Syn. of French Pippin.											
Hone's Russel. D. Syn. of Roxbury.											
Howsley. R. Syn. Howsley's Lady Finger.		Kans	obc	ml	yrs	tj	w	sa	vg		m
Howsley's Lady Finger. MoH 83. Syn. of Howsley.											
Howsley Winesap. R. Syn. Howsley's Winesap.											
Howsley's Winesap. JWK. Syn. of Howsley Winesap.											
Howson. L. Syn. Capt. Howson.											
Hoy. R. Syn. Hoy's Seedling.			ob	ml	y b		gy	bpsa	vg	d	ml
Hoy. L. Syns. Hayasche Gold Reinette, Hoya Golden Reinette, Hoya-sche Gold Reinette, Reinette de Hoya.		Ill Ger.	ob	m	yrs	jt	y	sa	g		l
Hoya Golden Reinette. Dap. Syn. of Hoya.											
Hoyasche Gold Reinette. Dap. Syn. of Hoya.		South.	ob		rs			sa			
Hoyle. L. Syn. Hoyle's Nonpareil.											
Hoyle's Nonpareil. W. Syn. of Hoyle.											
Hoy's Seedling. A Hort 74.											
Hoyt. R. Syn. Hoyt Sweet.											
Hoyt's Sweet. A 77. Syn. of Hoyt.			roble	l	y	tj	y	psa	g		m
Hubbard. Dap. Syn. of Nietakack.											
Hubbard Hort 58. Syn. of Nietakack.		Eng	rc	s	yru	f	y	rs	g	d	l
Hubbard Pearmain. L. Syns. Golden Vining, Hubbard's Pearmain, Hubbard's Russel Pearmain.											
Hubbard's Russel Pearmain. Gen F 33. Syn. of Hubbard Pearmain.											
Hubbard's Russel Pearmain. D. Syn. of Hubbard Pearmain.											
Hubbard Sugar. I. Syn. Hubbard's Sugar.		N. C	ob	m	gyrs	jt		rsa?			m
Hubbard's Sugar. D. Syn. of Hubbard Sugar.											
Hubbardson. Wg. Syn. of Hubbardson.											
Hubbardson Nonsuch. Wg. Syn. of Hubbardson.											
Hubbardson Nonsuch. Wg. Syn. of Hubbardson.			robl	l	yrs	jt	y	sa	vg	dk	ml
Hubbardson W. Syns. Farmer's Profit, Hubbardson, Hubbardson Nonsuch, Hubbardson Nonsuch, Hubbardson Nonsuch, John May Nonsuch (Hubbardson). Old Town Pippin, Red Winter Nonsuch, Sutton.		Mass									
Hubbardston Nonsuch. F. Syn. of Hubbardston.											
Hubbardston Nonsuch. Gen F 38. Syn. of Hubbardston.											
Hubbardston Nonsuch. E. Syn. of Sutton.											

From Lindley.

[illegible]

[illegible]

Originated with A. C. Patten,
Charles City, Iowa.

[illegible]

	N. Y.	roble	m	ysb	vjt	ws	msa	vg-b	dkm	l	
Jonathan. NEF'28. Syns. King Philip, New Spitzenburgh, Philip Bick, Wine (erroneously), Whitesap (erroneously).											
<i>Jonathan</i> (of Butler). IIIH'83. Syn. of Butler.											
<i>Jonathan of the North.</i> IIIH'81. Syn. of Antrim											
<i>Jonathan Seedling.</i> IIIH'70.											
<i>Jonathan L.</i> Syn. Tardine de l'ouest.	Belg.	re	ml	gyb	l	w	msa			me	
<i>Jonathan L.</i> Syn. Lewis Jones' Seedling.	Ind.	ob	l	rs			sa			l	
<i>Jones.</i> IndH'80. Syn. Jones' Apple.	N. C.	rob	l	ys	uj	y	msa	g	dkm	l	
<i>Jones.</i> Dup. Syn. of Southern Porter											
<i>Jones' Apple.</i> IndH'80. Syn. of Jones											
<i>Jones' Elder.</i> JVL	N. C.								c		
<i>Jones' Early Harvest.</i> Dup. Syn. of Red June											
<i>Jones' Favorite.</i> L. Syn. Jones' Favorite	Tex.	obl	ml	g				g		c	
<i>Jones' Favorite.</i> A. S. Syn. of Jones' Favorite											
<i>Jones's Green.</i> R. Syn. Jones' Green Winter											
<i>Jones's Green Winter.</i> MagoffH'73. Syn. of Jones Green											
<i>Jones's Pippin.</i> Cale. Syn. of Fall Orange											
<i>Jones's Seedling.</i> JVL	Tenn.	re	ml	ys			msa	g		l	
<i>Jones's Seedling.</i> p'93. Syn. of Allison											
<i>Jonathan Seedling.</i> p'93. Syn. of Allison											
<i>Jordan.</i> CanEXR'95.											
<i>Jordan Seedling.</i> IIIH'02. Syn. Jordan's Seedling	Ont.	robl	m	gy	fj	gy	msa	g	vl	ml	
<i>Jordan's Seedling.</i> IIIH'89. Syn. of Jordan Seedling.				r				vg			
<i>Jose Moore's Seedling.</i> NEF'29. Syn. of Moore Sweet											
<i>Joseph.</i> R. Syn. Joseph Sweeting	Mich.			wy			s	g		l	
<i>Josephine.</i> A. S. Syn. Joseph Sweeting											
<i>Josephine.</i> A. S. Syn. of Gloria Mundi											
<i>Joseph Sweeting.</i> MagoffH'37. Syn. of Joseph.	Ind.			y						vl	
<i>Josey.</i> R. Syn. Josey Green											
<i>Josey Green.</i> JTL. Syn. of Moore Sweet											
<i>Jose Moore.</i> JTL. Syn. of Moore Sweet											
<i>Journalaska.</i> D. Syn. of Journalaska	Eng.	r	m	y	e	w	msa			m	
<i>Jubilee.</i> L. Syn. Jubilee Pippin.											
<i>Jubilee Pippin.</i> D. Syn. of Jubilee											
<i>Judith Andrews.</i> D. Syn. of Andrews											
<i>Judson.</i> JNCo. Syns. Thompson 29, Thompson's Seedling No. 29.	Iowa?	re	l	gts		w	sa	p	km	ml	
July Bte. D.	Pa.	re	m	pyts	cl	w	sa	g		m	
<i>July Bte.</i> E. Syn. of Better than Good.											
<i>July Burr Apple.</i> Gb. Syn. of Lapouche Nally											
<i>July Krimark.</i> Gb. Syn. of Crimean Nally											
<i>July Red.</i> MHSC'86	Rus.	obe	m	ys		w	sa		d	e	
<i>July Ribbed.</i> MHSC'86. Syns. Rubens rebriktul nallymol, Shro. to Ia. No. 96.	Rus.										
<i>July Straked.</i> Gb. Syn. of Straked Nally											
<i>July Stripe.</i> MHSC'86	Rus.	obe	m	ts	fj		sa		d	me	
<i>July Transparent.</i> SDH'65											
<i>July White.</i> Gb. Syn. of White Nally											
<i>July Yellow.</i> MHSC'86	Rus.	obe	ml	y	j	w	a		dk	e	
Julian. Hort'58. Syns. Julien, Julian, Juling, Thaurmond.	{N. C. ? Va. ? Ga.	re	ml	wts	fj	yw	isa	g-vg		e	
Julian Summerour. F. [Probably Nickajack.]											

Do.
From Annals of Pomology.

Not described.

Do.

Do.

Do.

Do.

From Lindley.

One of Thompson's seed-
lings!

Not described.

Do.

Do.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Julien</i> . MagoffH 57. Syn. of Julian.											
<i>Julienne</i> . IIIH '72. Syn. of Julian.											
<i>Julien</i> . T. Syn. of Julian.											
<i>Julien</i> . MagoffH 57. Syn. of Julian.											
<i>July</i> . RNY '61. Syn. August Apple, Fourth of July, McAdow's June, Siberian August, Stewart's Nonpareil, Tetofski (erroneously).	Ger	robc	ms	wyrs	j	w	bsa	g	km	e	Closely resembles Tetofski.
<i>July</i> (Ohio). RNY '61.	Ohio	c	m	rs			sa	g		vl	
<i>July Apple</i> . Mac FH '50. Syn. of Primate.											
<i>July Bough</i> . JMO. Syn. of Bough.											
<i>July Bower</i> . BBL.											
<i>July Branch</i> . JVL.											
<i>July Cluster</i> . BBL.											
<i>July Flower</i> . K. Syn. of Cornish Gilliflower.	Va.		m	wy	j			vg	e		Not described.
<i>July Pippin</i> . D. Syn. of Early Harvest.											
<i>July Queen</i> . WAB '75.											
<i>July Sweden</i> . WAB '75.											
<i>June</i> . BBL. [Possibly a Crab.]											
<i>June Apple</i> . W. Syn. of Junaluske.											
<i>June Apple</i> . T. Syn. of Junaluske.											
<i>Junaluske</i> . MagoffH 57. Syn. Junaluska, Junaluska.	N. C.	rob	ml	yb	mj	y	rsa	g-vg	dk	l	Do.
<i>June</i> . W.	Va.	c	ml	y			s			e	Do.
<i>June Apple</i> . IIIH 45. Syn. of Red June.											
<i>Juneating</i> . Wg. [Probably same as White Juneating.]											
<i>Juneating</i> (?) H. Syn. of Braeken.		rob	s	y				g		vg	
<i>Juneating</i> . DomEnc. Syn. of White Juneating.											
<i>Juneating</i> White. H. Syn. of White Juneating.											
<i>June Market</i> . BBL.											
<i>June of some in Ohio</i> . E. Syn. of Margaret.											
<i>June Sweet</i> . L. Syn. Early Red Sweet, June Sweeting, Red June Sweet, Striped Red Harvest, Striped Sweet Harvest.	Pa. ?	rob	m	eyrs	tj	w	stp	g		vg	Do.
<i>June Sweeting</i> . D. Syn. of June Sweet.											
<i>Juneating</i> . C. Syn. of White Juneating.											
<i>Junaida</i> . Dap. Syn. of Washington Strawberry.											
<i>Juninda</i> . D. Syn. of White Juneating.											
<i>Junoso's Wintercapped</i> . Cb.											
<i>Justice</i> . IIIH '01.											
<i>Justice King</i> . WAB '75.											
<i>Karvelas</i> . MHSC '86.	Swed		l	rs				vg	dk	m	Do. Do.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Koffman June</i> , A'99. Syn. of Coffman	Ger	r	s		cj			g		vl	Not described.
Kohl , A 54	South.										Do.
<i>Kohl's Early</i> , R. Syn. Kohl's Early	Ger	r	s								Do.
<i>Kohl's Early</i> , CanEXR 01. Syn. of Kohl Early	South.										Do.
<i>Kohl's Winter</i> , L. Syn. Kohl's Winter	Ger	rob	ml	pyb	vif	yw	rsa		d	1	From Diel.
<i>Kohl's Winter</i> , L. Syn. Kohl's Winter	Rus.										Do.
<i>Kolersho</i> , MHSC'86. Syn. Shio to Ia. N. 63	Ger										Do.
<i>Koulig</i> , I. Syn. French Gold. Reiter Gt. König's Reinette	Ger	rob	ml	pyb	vif	yw	rsa		d	1	From Diel.
<i>Dorée</i> , Reinette du Roi Royale, Winter Citronchapel.											
<i>Konigin Louise</i> , Gb. Syn. of Queen Louise.											
<i>Konig's Reinette</i> , D. Syn. of König											
<i>Konischeneue Rannee</i> , Gb. Syn. of Early Cinnamon											
<i>Kool Appd.</i> , D. Syn. of Rambour Rose											
<i>Koritchenee</i> , Gb. Syn. of Cinnamon											
<i>Koritchenee Ananasoe</i> , Gb. Syn. of Cinnamon Pine											
<i>Koritchenee Polskae</i> , Gb. Syn. of Polish Cinnamon											
<i>Koritchenee rancee</i> , Gb. Syn. of Early Cinnamon											
<i>Koritchenee Ananasoe</i> , Gb. MHSC'81. Syn. of Cinnamon Pine											
<i>Koritschnoritz-Polusator</i> , A 83. [May be Polish Cinnamon.]											
<i>Koralskoe</i> , MHSC'86. Syn. of Royal											
<i>Koralevskoe</i> , Gb. Syn. of Royal											
Koshkonong , IIIH'83											
<i>Koss</i> , R. Syn. Koss Early											
<i>Koss Early</i> , BBL. Syn. of Koss											
Kossuth , IIIH'89											
<i>Kountz</i> , E. Syn. of Newtown Spitzenburg											
<i>Koursk Reinette</i> , IaB90. Syn. of Kursk Reinette	Ark	ob	ms	gr	tc	w	sl	vg	1		
<i>Koursk's</i> (a name of a place) <i>Anisette</i> , Gb. Syn. of Kursk Anis.											
<i>Koritschnoe</i> , Gb. Syn. of Cinnamon											
<i>Kraam</i> , K. Syn. of Cran											
<i>Kram</i> , D. Syn. of Cran											
<i>Kraschakoe</i> , Gb. Syn. of Red Sided											
<i>Kraschakoe</i> , Gb. Syn. of Red Sided											
<i>Krass Stadkjae</i> , Gb. Syn. of Red Sweeting											
<i>Krass Stadkjae</i> , Gb. Syn. of Red Sweeting											
Kratz , W	Pa										
<i>Krauser</i> , D. Syn. Kentucky Long Keeper, Krauser Pippin, Krouser, Krowser.	Pa	rc	m	wyrs	tm	w	sa	g-vg	m	1	Do.
<i>Krauser Pippin</i> , IIIB45. Syn. of Krauser											
Krauter , L. Syn. Krauter Reinette	Ger	rob	m	gy	fj	w				1	

	obl	gy	f	psa	g	ml
	obl	gyb	f	psa	g	ml
	re	yb	tnj	w	g-vg	me
Lady Finger (Coxe). DomEnc. Syns. Lady's Finger, Long Pippin, White Lady Finger (Elliott). E. Syn. Sheep Nose.						
Lady Finger (M4). D. Syn. of Kaighn.	Md.?					
Lady Finger (H. Syn. of Kaighn.						
Lady Finger (incorrectly) E. Syn. of Long Red.						
Lady Finger Pippin . W. Syn. of Runcombe.						
Lady Fitzpatrick . D. Syn. of Carter Blue.						
Lady Healy . MagoH'47. Syn. Lady Healy's Nonsuch.	Eng.					
Lady Healy's Nonsuch . NEF'31. Syn. of Lady Healy.						
Lady Henniker . Dup. Syn. of Henniker.						
Lady Lyons . FDCo.						
Lady of the Wemyss . D. Syn. of Wemyss.						
Lady Pippin . ArkB'49. Syn. of Beach.						
Lady Sandwith . S&W.						
Lady Seedling . L. Syn. Lady's Seedling.						
Lady Spitzzenburg . Cat.						
Lady Sudley . AmGar'99. Syn. of Sudley.						
Lady Sweet . L. Syns. Ladies' Sweet, Ladies' Sweeting, Ladies' Winter Sweet, Lady's Sweet, Lady's Sweet, Pommeroy, Roa Yon.						
Lady Trailing . IndH'75. Syn. of Trailing.						
Lady Waldron . BBL. [Probably same as Waldon.]						
Lady Washington . W.						
Lady Washington . E. Syn. of Cooper.						
Lady Washington . W. Syn. of Loudoun.						
Lady Washington . E. Syn. of Yellow Bellflower.						
Lady Washington (Ohio). R. Syn. Lady Washington of Ohio.						
Lady Washington (Ohio). BBL. Syn. of Lady Washington (Ohio).						
Lady White . L. Syn. Lady's White.						
Lady's Bush . Dup. Syn. of Ewalt.						
Lady's Bush . WHR'53. Syn. of Lady Bush (Elliott).						
Lady's Choice . Cat. Syn. of Lady Choice.						
Lady's Delight . D. Syn. of Lady Delight.						
Lady's Fancy . D. Syn. of Lady Fancy.						
Lady's Finger . Lin. Syn. of Lady Finger.						
Lady's Finger . D. Syn. of White Paradise.						
Lady's Seedling . D. Syn. of Lady Seedling.						
Lady's Sweet . D. Syn. of Lady Sweet.						
Lady's Sweeting . Lin. Syn. of Lady Sweet.						
Lady's White . D. Syn. of Lady White.						
Lafayette . R. Syns. La Fayette, La Fayette's Favorite.						
La Fayette . D. Syn. of Lafayette.						
La Fayette's Favorite . MagoH'42. Syn. of Lafayette.						
La Haute bonte . DomEnc.						
Laurel . Hort'73. [From H. S. Williams, Glenwood, Iowa.]						
Laurel . BBL.						
Lake . W.						
Lake . W.						
Lakin . R. Syn. Lakin's Choice.						
Lakin's Choice . FDCo. Syn. of Lakin.						
Lalle . IILB'45. Syn. of Golden Sweet.						
Lalier . L. Syn. Lalier's Prolific Red.						

<i>Zane's Sweet</i> , W. Syn. of Lane Sweet.	Teru	r	l	y	y	tjt	y	su	g	ml	
Langdon , 1795. Syn. Morgan.	Eur.	r						sa		Eur.	
Langendorfer , W.											
<i>Langfeldskoe</i> , Gb. Syn. of Longfield											
<i>Langer graner gulderting</i> , Gb.											
Langford , CW. Syns. Langford Seedling, Lankford's Seedling	Del.	r	ml	yes	tj			msu		l	
<i>Langford Seedling</i> , Syn. of Langford. [Perhaps Lankford.]											
Langton , R. Syn. Langton's		r	m	gts	c	w		sa	g	me	
<i>Langton's</i> , CanExR'01. Syn. of Langton											
Lanier , A'73. Syn. Lanier	S. C.	r	l	yrs	c			s	vg	ml	
Lankford , P'91. Syn. Vickers, Lankford's seedling	(Md)		ml	pyb	ctj	wy		sa		vl	
	[Del.]	rob									
<i>Lankford's Seedling</i> , AFM. Syn. of Langford.											
<i>Lankford's Seedling</i> , AFM. Syn. of Lankford											
Lanier , JWK. Syn. of Lanier											
Lansburg , ColExR'88. [May be Lansburg, or Landsberg.]											
<i>Lansburg</i> , H. Syns. Lansburg, Lansburg Pippin, Rock Apple	N. Y.	rob	m	yb	f			msu	g	vl	
<i>Lansburg</i> , W. Syn. of Lansburg											
Lansburg Pippin , MoH'86. Syn. of Lansburg											
Lapland , BBL.											
<i>Lapouch</i> , Gb. Syn. of Lapouchoe											
Lapouchoe , Gb. Syns. Burr, Gov. list No. 350, Gov. list No. 470, Lapouch.	Rus.										
Lapouchoe Nallv , (Gb. Syns. Gov. list No. 54, Juicy Burr Apple, Lapouchoe	Rus.										
<i>Nallvnoe</i> , Lapouchoe Nallv.											
<i>Lapouchoe Nallvnoe</i> , Gb. Syn. of Lapouchoe Nallv.											
<i>Lapouchoe Nallv</i> , Gb. Syn. of Lapouchoe Nallv											
Lappa , Mituflort'91											
<i>Lapper</i> , GenF'46. Syn. of Lacker											
La Requette Grise , DomEnc.	Rus.			gy						m	
Large Anls , IaB31.	Rus.										
Large Anls , MHSC'86. Syns. Anis Krupni, Shro. to Ia. No. 27.											
<i>Large Black</i> , D. Syn. of Red Detroit.											
Large Bosdorfer , IaB31.	Rus.		m	rs					vg	dm	l
<i>Large Bough</i> , W. Syn. of Bough											
Large Cockpit , S-CW.											
<i>Large Cockpit</i> , R. Syn. Large English Codling											
<i>Large Early Bough</i> , GenF'32. Syn. of Bough											
<i>Large Early Harvest</i> , DomEnc. Syn. of Early Harvest											
<i>Large Early Red</i> , D. Syn. of Red and Green											
<i>Large English Codling</i> , IndH'72. Syn. of Large Codlin											
Large Ey , Hpec. Can. Perhaps a synonym of Pippin											
<i>Large Full Pippin</i> , NEF'94. Syn. of Pippin											
Large Golden (N. E.). R. Syn. of White-Spanish	Ia	r	vl	gy	tje	y		sa	vg-b	l	
<i>Large Golden</i> (N. E.). R. Syn. Large Golden Pippin											
Large Golden Pippin , D. Syn. of Champlain											
Large Golden Pippin , D. Syn. of Golden Pippin (N. E.)											
Large Golden Pippin , D. Syn. of Large Golden											
Large Golden Pippin , D. Syn. of Summer Pippin											

Lankford probably correct.

Lankford probably a synonym.

Not described.

Do.

Do.

Do.

Do.

Do.
Said to be same as Cross.
See Ia. B. 31.
Probably differs from preceding.

Not described.

Do.

Do.

Described by Dr. Stayman
in MoH'83, 75.

[illegible]

From Album de Pomologie.

Late Reinette. A 77. Syn. of Fair Reinette.
Late Reinette. L. Syn. New Late Reinette. Reinette Tardive Nouvelle.

[illegible]

[illegible]

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	T'se.	Season.	Remarks.
					Texture.	Color.					
Lincolnshire Red. R. Syn. Lincolnshire Red Coat. <i>Lincolnshire Red Coat.</i> BBL. Syn. of Lincolnshire Red.	(Ala. ? Ky. ?)	c	l	gyrb	cj	w	s	g		l	
Lincoln Wonder. L. Syn. Lincoln's Wonder	Wis.		l	r			a			l	
Lincoln's Wonder. A 79. Syn. of Lincoln Wonder	N. Y.	rob	m	gb	cj	y	psa	g-yg		m	
Lind. CH. Syn. Lind Center.	N. C.	ob	s	yb	c	y	rmsa	g-yg	d	me	Do.
Lind Center. WisHort 98. Syn. of Lind											Do.
Linden. Gb. Syn. of Lipka.											Do.
Lindenwald. A 49											
Lindley. L. Syn. Lindley's Nonpareil											
Lindley's Nonpareil. IndF 46. Syn. of Lindley											
Lindsey. BBL. Syn. of Lindsey											
Ling. L. Syn. Ling Sweet											
Ling Sweet. MagofH 53. Syn. of Ling											
Linn. P 95. Syn. of Linsley's Favorite	Kans. Ohio	rc ob	ml	gywrc y	fcj	y	sa sa	g		vl	
Linsley. L. Syn. Linsley's Favorite											
Linsley's Favorite. W. Syn. of Linsley											
Linsley Sweet. L. Syn. Linsley's Sweet	Ohio	ob		rs			s			m	
Linsley's Sweet. W. Syn. of Linsley Sweet											
Linton. MagofH 53											
Lipin. Gb. Syns. Lipinskoe, Shro. to Ia. No. 44	Rus.										Do.
Lipinskoe. MHSC 86. Syn. of Lipin											Do.
Lipka. Gb. Syns. Gov. list No. 976, Linden, Tipka.	Rus.										Do.
Lipkins. L. Syn. Lipkins Sweet	Pa.?	obc	m	wyb	fcj	w	s			l	
Lipkins Sweet. Dap. Syn. of Lipkins											
Lippart. Dap. Syn. of Hottentotten											
Lippincott. L. Syn. Lippincott Sweet	N. J.	rc	m	yeb	tj	w	ps	g		l	
Lippincott. Lin. Syn. of Summer Rose											
Lippincott's Early. W. Syn. of Summer Rose											
Lippincott Sweet. A 64. Syn. of Lippincott	Ohio	obl	ml	ru			sa	vg		l	
Lipsey. L. Syn. Lipsey's Russet											
Lipsey's Russet. W. Syn. of Lipsey											
Lissof. L. Syn. Lissof Seedling											
Lissof Seedling. COLEH 96. Syn. of Lissof											
Litchford. L. Syn. Litchford											
Litchford's Plum. [cultivated by J. C. Plumb, of Wis.]											
Litchfield Pippin. D. Syn. of Litchfield	Me.	o	ml	yb		w	sa				Do.
Litchy. Dap. Syn. of Doctor Walker											Maine Pomological Report.
Litz. GarM 80	Pa.		m	wy				vg		me	

[illegible]

Longlimb Sweet.	R. Syn. Long-limbed Sweet.
Longlimb Sweet.	Hort 55. Syn. of Longlimb Sweet.
Long May.	D. Syn. of White Paradise.
Longmont.	T. C. S. K. 91
Long Pearmain.	Magnoli 7. Syn. of Long Red (Pa.)
Long Pippin.	C. Syn. of Lady Finger
Long Red (Pa.).	L. Syn. English Pearmain (incorrectly). Hudson Red Streak. Knight's Spitzenburg (incorrectly). Kentucky Bellflower. Ken tucky Gilliflower. Lady Finger (incorrectly).
Long Red Pearmain.	Mudhole. Park (not of Kansas). Pearmain Pound Royal (incorrectly). Red Bellflower (incorrectly). Red Gilliflower (of some). Red Pearmain. Red Pippin. Red Phoenix. Red Spitzenburg. Red Winter Pearmain. Russian. Scarlet Pearmain (incorrectly). Sheepnose (of some). Striped Pearmain. Wabash Bellflower. Winter Pearmain.
Long Red (Va.).	L. L. Syn. Long's Red Winter.
Long Red Pearmain.	Dap. Syn. of Long Red (Pa.)?
Long's Red Winter.	D. Syn. of Long Red (Va.)
Long's Russet.	R. Syn. Long's Russet
Long's Russet.	Dap. Syn. of Long Russet
Longstar.	D. Syn. Westmoreland Longstart
Longstem (Ky.? Va.? O.?).	W
Longstem (Lewis-Jones).	W
Longstem (Mass.).	Colo
Longstem (Pa.).	Magnoli 53
Longstem (Ct.).	D.
Long Stem.	BomEnc. Syn. of Harrison.
Long Stem.	A. 99. Syn. of Late Harvest
Long Stem Sweet.	D. Syn. of Baker Sweet
Long Striped Pearmain.	Cat. [Probably Syn. of Long Red (Pa.)]
Long Tom.	C. Syn. of Bullock
Longville.	L. Syn. Longville's Kernel. Sam's Crab
Longville's Kernel.	Gentl 33. Syn. of Longville
Long White.	SDB65
Longworth.	L. Syn. Longworth's Red Winter
Longworth's Red Winter.	Dap. Syn. of Longworth
Longworth Sweet.	L. Syn. Longworth's Sweet
Longworth's Sweet.	H. Syn. of Longworth Sweet
Looker.	L
Loonhouse.	IndH 72
Loose.	Magnoli 53
Lopside.	W
Lopside.	H. Syn. of Greyhouse. [May Seek no further.]
Lopped Pearmain.	Dap. Syn. of Greyhouse. [May Seek no further.]
Lorain.	R. Syn. Lorain Sweet
Lorain Sweet.	CAG. Syn. of Lorain
Lord.	SDB76. Syns. Lord's Longfield. Lord's Seedling.....
Lord's Apple.	(Ch. Syn. of Herren
Lord Beauconfield.	BBL

[illegible]

[illegible]

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Macfie's</i> , H. Syn. of Clyde	Pa.	rob	m	ys	t	w	a	g	m		
<i>Macfie's Clyde Beauty</i> , GenF 49. Syn. of Clyde											
<i>McKim</i> , L. Syn. McKim's Vandevere.	Ind.	robc	m	gyrs	fj		sa	g	dm	ml	
<i>McKim's Vandevere</i> , D. Syn. of McKim											
<i>McKinlay</i> , A 62. Syn. of McKinley											
<i>McKinley</i> , W. Syn. Mackinlay	N. Y.	ob	ml	yb	fjm	wy	sa	g	l		
<i>McKinley</i> , WHS. Syn. of McMillin	Ill										
<i>McKinley's Green</i> , P 96. Syn. of McMillin											
<i>McKinney</i> , A 73.											
<i>McKinney Yellow</i> , R. Syn. McKinney's Yellow	Eng	r	m	ytu	c		a	g		ml	Not described.
<i>McKinney's Yellow</i> , IIIH 90. Syn. of McKinney Yellow											Possibly two distinct varieties.
<i>McLaughlin</i> , R. Syn. McLaughlin's Keeper											
<i>McLaughlin's Keeper</i> , IndH 89. Syn. of McLaughlin											
<i>MacLean</i> , W. Syns. McLean's Favorite, MacLean's Favorite.											
<i>MacLean's Favorite</i> , H. Syn. of MacLean											
<i>MacLean's Favorite</i> , D. Syn. of MacLean											
<i>MacLean Winter</i> , R. Syn. MacLean's Winter Pippin	Pa.	rob	ml	ys	fj	w	msa	vg	l		Not described.
<i>MacLean's Winter Pippin</i> , IIIH 45. Syn. of MacLean Winter											
<i>McLee</i> , R. Syn. McLee's Mammoth	Pa.	rob	ml	ys			s	g		l	
<i>McLee's Mammoth</i> , MichB 31. Syn. of McLee	Conn.	robc	ml	ys							
<i>McLellan</i> , H.											
<i>McLellan</i> , Cole. Syns. McLellan, Martin											
<i>McLellan</i> , BBL. Syn. of McMahon. [A possible doubt as to correct spelling.]	Wis.	robl	l	yw			sa	g	km	m	Origin, Richland Co., Wis., in about 1860.
<i>McMahon</i> , A 85. Syns. McMahon, McMahon's White											Not described.
<i>McMahon's Bloom</i> , MoH 93. Syn. of McMahon Red	Tenn.	r	l	gyb	tj	gy	sa	g	l		
<i>McMahon Red</i> , R. Syns. McMahon's Bloom, McMahon's Red	Tenn.	rob	m	ys	fj	w	sa	g	e		
<i>McMahon's Red</i> , MoH 93. Syn. of McMahon Red	Md.								vl		
<i>McMahon's White</i> , A 91. Syn. of McMahon											
<i>McMillin</i> , P 96. Syns. McKinley, McKinley's Green	Ohio	rob	l	rs			sa	vg	k	em	
<i>McMurry</i> , TennBX-1											
<i>McNash</i> , JWK											
<i>Macomber</i> , W. Syn. of Rolfe											
<i>Madam Lewis</i> , HG&Co											
<i>Madeline</i> , D. Syn. of Summer Calville											
<i>Madere</i> , R. Syn. Reine de Madere											
<i>Madere</i> , DelExR 36											
<i>Madison</i> , L. Syn. Madison Red		ob		rs			sa	vg-b	l		Do.

[illegible]

Originated by Wm. Springer,
Waupaca Co., Wis.

Not described.
Differs from Marigold, the
English variety.

Not described.
Almost certainly originated
in Kansas.

Not described.

Do.

Do.
Do.

N. H.	re	ml	WYSC	vtj	wy	su	g-vg	d	l
Marshall's Sweet Favorite. W. Syn. of Marshall Sweet									
Marston. L. Syn. Marston's Red Winter									
Marston's Red Winter. K. Syn. of Marston									
Martha. A 87.									
Martha Washington. ColExR 96									
Martin. D. Syn. Martin Apple									
Martin. E. Syn. of McLehlan									
Martin Apple. A 67. Syn. of Martin									
Martin Nomporell. K									
Martin's Red. Ark B49. Syn. of Ozono									
Mary. D.									
Mary (Wis.) CH									
Mary Chester. W									
Mary Cornin. BEL									
Marygold. Mugoff 37. Syn. American Marygold									
Maryland. H. Syns. Maryland Beauty, Maryland Red Streak									
Maryland. Buls. Syn. of Maryland Maid									
Maryland Beauty. D. Syn. of Maryland									
Maryland Cheese. D. Syn. of Summer Cheese									
Maryland Maid. R. Syns. Maiden's Blush, Maryland, Maryland Maiden Blush.									
Maryland Maiden Blush. JWK. Syn. of Maryland Maid									
Maryland Queen. Dup. Syn. of Haas									
Maryland Red Streak. MoH 63. Syn. of Maryland									
Maryland Splice. JWK									
Mary Moyer. W									
Mary Wagon. W. Syn. of Wagon									
Mason. A 77. [Possibly a syn. of Mason Stranger. See A 77 123.]									
Mason Orange. (LC). Syns. Bellflower Improved, Mason's Orange									
Mason Pippin. AHort 69. Syn. of Mason Stranger									
Mason's Orange. MoH 83. Syn. of Mason Stranger									
Mason's Pippin. D. Syn. of Mason Stranger									
Mason's Pippin. L. Syns. Izard, Mason Pippin, Mason's Pippin, Old Field									
Mason Sweet. SCH									
Mason's Golden Russet. Dup. Syn. of Hunt Russet									
Massey Seedling. R. Syn. Massey's Seedling. [Perhaps same as Massey.]									
Massey Seedling. HIB 46. Syn. of Massey Seedling									
Massey. L. Syn. Massey's Winter									
Massey's Winter. W. Syn. of Massey									
Masten. D. Syn. Masten's Seedling									
Masten's Seedling. Hort 66. Syn. of Masten									
Master. L. Syns. Master's, Master's Seedling									
Master's. D. Syn. of Master									
Master's Seedling. D. Syn. of Master									
Masters. Magoff 42. [Originated with Mr. Masters, Greenland, N. H.]									
Mastodon. A 75.									
Mattamuskeet. F. Syn. of Mattamuskeet									
Mataypel. D. Syn. of Rostocker									

[illegible]

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Missouri Orange.</i> A 81. Syn. of Missouri.											
<i>Missouri Pearmain.</i> IHB45.											
<i>Missouri Pippin.</i> D. Syn. of N. Kajakack.											
<i>Missouri Queen.</i> AHoria 71.	Mo.?	re	vl	yrsc	ij	y	bmsa	g-vg	dk	ml	Not described.
<i>Missouri Red.</i> MoH 70.	Mo.		l					g			May be Buckingham.
<i>Missouri Red.</i> D. Syn. of N. Kajakack.											
<i>Missouri Red Winter.</i> Cat. Syn. of Missouri Winter.											
<i>Missouri Superior.</i> IHB45. [Probably McAfee.]											
<i>Missouri Superior.</i> AHoria 70. Syn. of McAfee.											
<i>Missouri Winter.</i> L. Syn. Missouri Red Winter.											
<i>Mr. Gladstone.</i> BBL. [Probably a syn. of Gladstone.]											
<i>Mrs. Bryan.</i> BBL. [Doubtless same as Bryan.]	Ga.										
<i>Mrs. De Caradeuc.</i> W. Syn. of Caradeuc.											Not described.
<i>Mrs. Dallas.</i> P 95. Syn. of Dallas.											Do.
<i>Mrs. Hayes.</i> Cat. Syn. of Hayes.											
<i>Mrs. Ryan.</i> OkIB2. [Probably intended for Bryan.]											Do.
<i>Mrs. Weaver's Sued.</i> D. Syn. of London Sweet.]											Do.
<i>Mitchell.</i> R. Syn. Mitchell's Iowa Seedling.											Do.
<i>Mitchell's Iowa Seedling.</i> MinnExR 90. Syn. of Mitchell.											
<i>Mitchell of Dorchester.</i> Cat. Syn. of Dorchester.											
<i>Mitchell Red.</i> R. Syns. Mitchell's Red Warrior, Red Warrior.											Do.
<i>Mitchelson.</i> L. Syn. Mitchellson's Seedling.	Eng	re	ml	yrub	fc	y	bsa	dk	ml		From Hogg.
<i>Mitchelson's Seedling.</i> D. Syn. of Mitchellson.											
<i>Mittid.</i> Hort 55. Syn. of Middle.											Not described.
<i>Mitter.</i> R. Syn. Mitter's Red.											Do.
<i>Mitter's Red.</i> IHB 88. Syn. of Mitter.											
<i>Monger.</i> MichB31.											
<i>Moak.</i> Syn. of N. Kajakack.											
<i>Moak.</i> P 95. Syn. Moak's Winter.	Ark	r	l	yr	fcj	y	rsa	g		l	Do.
<i>Moak's Winter.</i> AtkB49. Syn. of Moak.											
<i>Modoc.</i> BBL.											
<i>Mohawk.</i> MoH 87.	Mo.?	r	ml	ys				p	n	n	
<i>Molasses.</i> H. Syn. of Apple Butter.			m	rs			sa	g	l		
<i>Molasses (Ohio).</i> W.	Ohio	c	s	y			s	g		l	
<i>Molasses (N. C.).</i> E.	N. C.	ob	ml	rs			s	g		l	
<i>Molasses (Am.).</i> E. Syn. Butter.	Am.	r	s	y			s				

Mass.	rc	m	yrs	tc	sa	vg	l
Morrison Red. W. Syn. Morrison's Red.							
Morrison's Red. A 69. Syn. of Morrison.							
Morrison's Red. NEP 55. Syn. of Morrison Red.							
Morrison Sweet.							
Morrison's Red. Mich ¹ 80. Syn. Steel's Red (concomitantly).	rob	m	gb		s	p	m
Morris Russel. L. Syns. Morris's Nonpareil Russel, Morris's Russel.	oe	ml	rs	h	sa	vg	vi
Morris Russel. D. Syn. of Morris's Russel.	r	ms	ru	h	bst		ml
Morris Suck and Sugar. D. Syn. of Suck and Sugar.							
Morris's Seedling. K. Syn. Morris's Seedling.							
Morris's Seedling. A 76. Syn. of Morris's Seedling.							
Morris Sweet. R. Syn. Morris's Sweet.	r	vi	yrs		s	vg	l
Morris's Sweet. Magoh ¹ 33. Syn. of Morris's Sweet.							
Morris Wick. L. Syn. Morris's Court of Wick.	ob	s	gb	h	sa		ml
Morris Winter. R. Syn. Morris's Winter.							
Morris's Winter. F. Syn. of Morris's Winter.							
Morrow. L. Syn. Gov. Morrow.							
Morse. R. Syn. Morse's Seedling.	ob	ml	rs		sa	g	l
Morse's Seedling. W. Syn. Magoh ¹ 42. Syn. of Morse.	r	l	y	tmj	h	vg	e
Morton (Ohio). W. Syn. Morton's Seedling.							
Morton (Nev.). A 87.	rob	l	gyl	tj	msl	g	m
Morton Pearmain. BBL.	l	l	r		msl	vg	l
Morton Red. L. Syn. Morton's Red.							
Morton's Red. Dup. Syn. of Morton Red.	robc	m	wrs	h	sa		ml
Morton's Seedling. D. Syn. of Morton (Ohio).							
Morven. A 91.							
Moscow. WYB 34.							
Moscow of Wls. BBL.							
Moscow Pear. Gb. Syns. Gov. list No. 380, Gruscheffka Moskoloskaja, Gruschevka Voskovskaya.	rob	s	pyse	tj	sa	vg	l
Moseley. L. Moseley Sweet.							
Mosley Sweet. W. Syn. of Moseley.							
Moser. L. Syns. Moser's Sweet, Mosier Sweet.							
Moser's Sweet. IndH 73. Syn. of Moser.	ob	ml	yg		s	dkm	l
Mossa. L. Syn. Mosses Wood.							
Mossa Wood. Magoh ¹ 46. Syn. of Mosses.	r	m	yrs	tj	psl	g	m
Mosher. L. Syn. Mosher's Sweet.	obc	ml	y		s		m
Mosher. L. Syn. Mosher's Sweet.							
Mosher Sweet. Dup. Syn. of Mosher.							
Mosher Sweet. IndH 88. Syn. of Mosher.							
Moss. L. Syn. Moss's Incompatible.	rc	l	yb	t	yw	sa	l
Moss Incompatible. D. Syn. of Moss.							
Matchless. Gb. Syn. of Pickle.							
Mole. L. Syns. Mole's Red Seedling, Mole Sweet, Mole's Sweet.	robc	l	pyb	tmj	rs	vg	m
Mole's Red Seedling. IndH 46. Syn. of Mole.							
Mole Seedling. R. Syn. Mole's Seedling.	r		y	tj	sa	vg	m
Mole's Seedling. IndH 72. Syn. of Mole Seedling.							
Mole Sweet. W. Syn. of Mole.							
Mole's Sweet. A 67. Syn. of Mole.							
Mother. Magoh ¹ 44. Syns. Gardner's Apple, Queen Anne.	rc	m	yrs	tj	psl	b	ml
Mother Bram. Hort 56. Syn. of Belmont.							
Mother Davies. E. Syn. of Mother Davis.							

Possibly same as Sutton.
From Hogg.

Not described.

Perhaps identical with
Wick.
Not described.

Do.

Do.

Do.
Hansen calls this Moscow.
See S. D. B. 76, 75.Distinct from Mole. See
IndH 72, 227.

staid to have been planted
by Johnny Applesed.

Not described.

100.

Do.

100.

Probably intended for Mosley.

Not described.

100,

100.

100.

No.

[illegible]

Name.	Misc.	Rus.	Tenn.	col.	ms.	rs.	ss.	g.	km.	ml.	c.	
Neumelsdor, MILSC ⁸¹ . Syn. V. R. S. to Ia. No. 22.												Not described.
Nousda, BHL.												Do.
Never Bloom, JVL.												Probably Buckingham. See
Neverfall (of Tenn), W.												A. 1873, p. 40.
Neverfall, A ⁷³ . Syn. of Buckingham.												
Neverfall, D. Syn. of Paul Never.												
Neverfall, D. Syn. of Murgill.												
Neverfall, Cole. Syn. of Ralls.												
Neverfall, A ⁸⁹ . Syn. of Shockey.												
Neverfall Seedling, L. Syn. Seedling Neverfall.												
Neverstick, A ⁵⁴ . Syn. of Neverstick.												
Neverstick, Murgill ⁸³ . Syn. Neverstick.												
Neverstick, Gude, DomEnc.												
Newark King, C. Syn. Hineckman King Newark.												
Newark Pippin, DomEnc. Syn. French Pippin, French Pippin of New-												
ark, Large Yellow Newark Pippin, New Ark Pippin, Yellow Pippin.												
New Ark Pippin, Lm. Syn. of Newark Pippin.												
Newark Seedling, C. Syn. of Campfield.												
Newbank, R. Syn. Newbank's Seedling.												
Newbank's Seedling, IndH ⁷⁰ . Syn. of Newbank.												
New Bedford, IndH ⁹⁰ .												
Newbold, Murgill ⁸³ .												
Newbold's Admiral Duncan, D. Syn. of Rymer.												
Newbold's Duke of York, D. Syn. of Rymer.												
New Brunswick, RNY ⁷¹ .												
New Brunswick, D. Syn. of Oldenburg.												
New Brunswick, A ⁸¹ .												
New Brunswick Greening, McEXR ⁹³ .												
Newbury, D. Syn. Cat's Head.												
Newby, IndH ⁹⁴ . Syn. of Doctor.												
Newcomer, W.												
Newell, A ⁹⁶ . Syn. of Fall Orange.												
Newell, Cat. Syn. of Fall Orange.												
Newell's Winter, WisB ⁴⁵ . Syn. of Newell.												
New England, L. Syn. New England Red.												
New England Golden Russet, Dup. Syn. of Hunt Russet.												
New England Red, W. Syn. of New England.												
New England Russet, Dup. Syn. of Hunt Russet.												
New England Seed-no farther, T. Syn. of Westfield.												
New England Sweet, R. Syn. Molasses Apple, New England Sweeting.												
New England Sweeting, C. Syn. of New England Sweet.												
New England Sweet, R. Syn. Curtis Greening, New Rhode Island Greening.												
New Hampshire, IndH ⁹³ . Syn. New Hampshire Sweet.												
New Hampshire Sweet, IndH ⁸⁵ . Syn. of New Hampshire.												
New Hawthornden, OntLX ⁸² .												
New Jersey, R. Syn. New Jersey Orange Pippin.												
New Jersey Orange Pippin, ILL ⁸ . Syn. of New Jersey.												
New Jersey Redstrake, R. Syn. of Early Pennock.												
Newland, R. Syn. Newland Suck.												

Not described.

Do.

Probably Buckingham. See
A. 1873, p. 40.

Not described.

Do.

This may be Oldenburg.

Probably Oldenburg.

Not described.

Identical with Curds Green-
ing.

Not described.

Do.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Orign.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Newland Stock</i> . BBL. Syn. of Newland.											
<i>New Late Reinette</i> . D. Syn. of Late Reinette.											
<i>New Leathercoat</i> . IIIH'69. Syn. of New Small Lemon Pippin.	Eng.	robl	s	y	ty	w	psa	g		m	
<i>New Lemon</i> . L. Syn. New Small Lemon Pippin.											
<i>New London Pippin</i> . GenF'33. Syn. of London Pippin.	Ohio.	oble	ml	gyr	tcj		sa	g		l	
<i>Newman</i> . BBL. Syn. New Sweet Sum. of Ben Davis.											
<i>Newman Apple</i> . GenF'95. Syn. of Ben Davis.											
<i>Newman Seedling</i> . NYEX'R'96. Syn. of Newman.											
<i>New Missouri</i> . Dap. Syn. of McAtee.											
<i>New Nonpareil</i> . GenF'33. Syn. of Early Nonpareil (Eng.).	Vt.	rc	m	gr	f	w	s	g		l	
<i>Newport</i> (Vt.). P'94. Syn. Newport Sweet, Newport Winter Sweet, Winter Sweet.											
<i>Newport</i> (Iowa). IIIH'83. [Said to have originated in Iowa.]	Iowa										
<i>Newport Sweet</i> . ColEXR'88. Syn. of Newport, (Vt.).											
<i>Newport Winter Sweet</i> . A'95. Syn. of Newport, (Vt.).											
<i>New Rhode Island Greening</i> . Dap. Syn. of New Greening. [Probably Illinois Greening.]											
<i>New River</i> . L. Syn. New River Boat Apple.	Va.	ob	m	yb	tnj	w	sa			m	
<i>New River Boat Apple</i> . RNY'71. Syn. of New River.											
<i>New Rock</i> . L. Syn. New Rock Pippin.	Eng.	ms	ms	gbru	fr	y	s	g		ml	
<i>New Rock Pippin</i> . D. Syn. of New Rock.											
<i>New Scarlet Nonpareil</i> . GenF'33. Syn. of Scarlet Nonpareil.											
<i>New Small Lemon Pippin</i> . D. Syn. of New Lemon.											
<i>New Spitzenburgh</i> . GenF'32. Syn. of Jonathan.	Wis.									l	
<i>Newtown</i> . Hort'72. Syn. of Newtown Spitzenburgh.											
<i>Newtown</i> . Th. Syn. of Newtown Spitzenburgh.											
<i>Newtown Early</i> . GenF'59. Syn. of Newtown Spitzenburgh.		r	vl	yg	c		sa	g		s	
<i>Newtown Pippin</i> . FEY. [Probably Yellow Newtown.]											
<i>Newtown Pippin</i> . G. Syn. of Green Newtown.											
<i>Newtown Spitzenburgh</i> . C. Syn. of Newtown Spitzenburgh.											
<i>Newtown Wonder</i> . FEY.			l	yre	ty	w	sa	vg	km	vl	
<i>Newtown Greening</i> . D. Syn. of Golding.											
<i>Newtown Pippin</i> . GenF'33. Syn. of Green Newtown.											
<i>Newtown Pippin</i> . DomEnc. Syn. of Yellow Newtown.											
<i>Newtown Pippin Green</i> . Lin. Syn. of Green Newtown.											
<i>Newtown Pippin</i> (of Lewis Sanders, Ky.). E.											
<i>Newtown Pippin Yellow</i> . H. Syn. of Yellow Newtown.		rc	l	rs			sa				
<i>Newtown Spitzenburgh</i> . Cole. Syn. of Newtown Spitzenburgh.											

Possibly identical with Yellow Newtown.

No. 13 Babcock's.	BBL.
No. 14 Babcock's.	BBL.
No. 1 Bird.	BBL.
No. 1 Coate.	BBL.
No. 2 Coate.	BBL.
No. 3 Coate.	BBL.
No. 4 Coate.	BBL.
No. 5 Coate.	BBL.
No. 6 Coate.	BBL.
No. 8 Gilcom.	BBL.
No. 20 Gilcom.	BBL.
No. 1 Gray.	BBL.
No. 2 Gray.	BBL.
No. 1 Herren's.	BBL.
No. 2 Herren's.	BBL.
No. 3 Herren's.	BBL.
No. 4 Herren's.	Cat.
No. 92 Miller.	BBL.
No. 1 New.	MichB169.
No. 2 New.	MichB169.
No. 1 Ogden.	BBL.
No. 12 Orel.	N. Syn. of Apert Voronesh.
No. 20 Parry.	Cat. Syn. of Parry 20.
No. 17 Peffer.	BBL.
No. 1 Randall.	BBL.
No. 2 Randall.	BBL.
No. 3 Randall.	BBL.
No. 5 Randall.	BBL.
No. 6 Randall.	BBL.
No. 24 Ream.	BBL.
No. 1 Red Winter.	A S.
No. 1 Rifle.	BBL.
No. 1 Roberts.	BBL.
No. 2 Roberts.	BBL.
No. 3 Robey Seadling.	MagofH'52. [May be Robey, of Downing]
No. 1 Ross.	BBL.
No. 2 Ross.	BBL.
No. 1 Stagnan.	BBL.
No. 2 Stagnan.	BBL.
No. 10 Thompson.	BBL.
No. 23 Thompson.	BBL.
No. 38 Thompson.	BBL.
No. 44 Thompson.	BBL.
No. 46 Thompson.	BBL.
No. 59 Thompson.	BBL.
No. 451. Pyl.	Syn. of Worsz.
No. 973. Pyl.	Syn. of Slaming Aromatic.
No. 4 Voronesh.	N. Syn. of Apert Voronesh.
No. 56 Vor. (?)	N. Syn. of Gipsev.
No. 1 Watkins.	BBL.
No. 2 Watkins.	BBL.
No. 1 Wilson.	BBL.
No. 2 Wilson.	BBL.

		r	ms	ygb	f	w	brs	k	l	
Norfolk Stone. L. Syns. Norfolk Stone Pippin, Stone Pippin, White Pippin, White Stone Pippin.										
Norfolk Stone Pippin. D. Syn. of Norfolk Stone										
Norfolk Storing. D. Syn. of Storing										
Norfolk Storing. D. Syn. of Winter Colman										
Norman. MagoffH'83										
Normanton Wonder. Dap. Syn. of Dumelow										
Norris. MagoffH'53										
Norse. IaH'98	Iowa	obc	ml	yrb	tj	yw	sa	vg	e	
North. R. Syn. Queen of the North.										
North American Best. D. Syn. of Primatic										
Northampton. D	Pa.	ob	m	wyrs	fj	w	sa	vg	dm	ml
North Carolina. A'95										
North Carolina Baldwin. A'58	N. C.?									
North Carolina Greening. D. Syn. of Bullett.										
North Carolina Greening. D. Syn. of Green Abram										
North Carolina Keeper. A'89	N. C.		m	ys	cj		sa			
North Carolina Keeper. Cal. Syn. of either Horn, Bullett, or Green Abram.										
North Carolina Linbertia. JWB&B. Syn. of Limbertwig (of N. C.)										
North Carolina Red. 111B'45		ob	m	dr			msu	g		
North Carolina Red June. F. Syn. of Red June										
North Carolina Vandervo. Dap. Syn. of Horn										
Northern Blush. RNY'70	Wis.		m	yb				g		
Northern Bumping. SKW										
Northern Golden Sweet. GenF'48. Syn. of Northern Sweet										
Northern Greening. 111H'82	Wis.			g						
Northern Greening. GenF'83. Syn. of Cowanne										
Northern Haradskih. D. Syn. of Holly										
Northern Pippin. 111H'90										
Northern Queening. Syn. of Cowanne Queen										
Northern Spitzenburg. A'71. [May be misprint for Newtown Spitzenburg.]										
Northern Spy. MagoffH'44. Syn. Spy	N. Y.	rob	l	gyrs	ft	w	sa	vg-b	l	
Northern Sweet. MagoffH'49. Syns. Golden Sweet, Northern Golden Sweet, Northern Sweeting.	Vt.	rob	m	yb	tj	w	s	vg	k	m
Northern Sweeting. GenF'49. Syn. of Northern Sweet										
Northfield. MichB'69. Syn. Northfield Beauty	Vt.	rob	ml	ys	jc		bsa	vg	dkm	ml
Northfield Beauty. A'81. Syn. of Northfield										
North Star. CanExR'96. Syns. Dudley's Winter, Winter Duchess	Me	rob	l	yr	c	y	sa	g		ml
North Star. IaH'94	Iowa	rob	ms	yb	j	y	a	g		m
North Virginia. L. Syn. North Virginia Mammoth.										
North Virginia Mammoth. Cat. Syn. of North Virginia										
Northwestern Greening. A'85. Syn. North West Greening	Wis.	r	l	yg			sa	vg	m	ml
North West Greening. CanH'94. Syn. of Northwestern Greening										
Northwick Pippin. GenF'33. Syn. of Blenheim										
Norton. L. Syn. Norton Pippin										
Norton's Melon. Cole. Syn. of Melon	Ky	rob	ml	ys	tj	w	sa	vg		m
Norton Pippin. Dap. Syn. of Norton										
Norway. L. Syn. Winter Norway										

Not described.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Same as Dudley, which is probably correct. Originated with C. G. Pat-ten, Charles City, Iowa.

Not described.

Originated in Waupaca County, Wis.

Not described.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Norwich Pippin</i> . GenF'33. Syn. of Blenheim.											Not described.
<i>Norwood</i> . K. Syn. Norwood Pippin.											Do.
<i>Norwood Pippin</i> . Mohl'73. Syn. of Norwood.											From Hogg.
<i>Notley</i> . FDNCo.											
<i>Notley County Seedling</i> . MichB31. Syn. of Kinsey.											
<i>Nottingham</i> . L. Syn. Nottingham Pippin.	Eng.?	rob	m	yr		w	sa				
<i>Nottingham Brown</i> . A'91. Syn. of Brown. [Erroneously published in Nottingham Pippin.]											
<i>Nottingham Pippin</i> . D. Syn. of Nottingham.											
<i>Bul 8 as Nottingham.</i>											
<i>Nova Scotian</i> . A'77.	N. S.	rob	l	yr		yr	sa	vg-b		l	
<i>Novity</i> . CanB37.	Ont.		s	r	fcj	yw	psa	g	k	me	
<i>Novgorod Streaked</i> . Gb. Syns. Gov. list No. 266, Polosatoe Novgorodskoe, Polosatoe Novgorodskoe.	Rus.										Not described.
<i>Noyes</i> . A'71. Syn. Doctor Noyes.											
<i>Nuba</i> . A'97.											
<i>Nutt</i> . TennBX-1.											
<i>Nutt</i> . Gb. Syn. of Melonen.											
<i>Nursery</i> . DomEnc.											
<i>Nut Large</i> . W. IndH'84. Syn. of Nutt.											
<i>Nutt's Large</i> . C.	Ind.										
<i>Nutt's Large</i> . C. GenF'33. Syn. of Cockle.											
<i>Nutt's Large</i> . D. Syn. of Cockle.											
<i>Nutt's Large</i> . R. Syn. Nut Large, Nutt's Large Early. [Cultivated by Silas Whorton in 1894.]											
<i>Nutt's Large Early</i> . CGen'59. Syn. of Nutt.											
<i>Nyack</i> . (L.C.) Syns. Niack Pippin, Nyack Pippin.	N. Y.	ob	ml	rs			a	vg	dm	m	Probably Champlain of Bulletin 8.
<i>Nyack Pippin</i> . D. Syn. of Champlain.											
<i>Nyack Pippin</i> . W. Syn. of Nyack.											
<i>Nyack Pippin</i> . D. Syn. of Summer Pippin.											
<i>N. Y. Early Red</i> . Cat. Syn. of Early Red (N. Y.).											
<i>Oakbena</i> . A'87. Syn. of Oakabena.											
<i>Oaken</i> . R. Syn. Oaken Pippin.											
<i>Oaken Pippin</i> . DomEnc. Syn. of Oaken.											
<i>Oakes</i> (Mass.). NEF'50.											
<i>Oakes</i> (Eng.). D.											
<i>Oakland</i> . A'83. Syn. Oakland Co. Seek-no-further.											
<i>Oakland Co. Seek-no-further</i> . MichB118. Syn. of Oakland.											
<i>Oakland No. 6</i> . MinnHort'97.											
<i>Oakland No. 9</i> . MinnHort'97.											

From Lindley.

[illegible]

[illegible]

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Passé Lettice</i> , IIIB45. Syn. of <i>Passé Pomme</i> . D. Syn. of Pigeon.											
<i>Passé Pomme</i> . D. Syn. of Pigeon.											
<i>Passé Pomme Cœtelle</i> . D. Syn. of Early Autumn.											
<i>Passé Pomme d'Automne</i> . D. Syn. of Early Autumn.											
<i>Passé Pomme d'Automne</i> . GenF'33. Syn. of Royal Russet.											
<i>Passé Pomme Rouge</i> . D. Syn. of August Red.											
<i>Passé Pomme Rouge d'Automne</i> . D. Syn. of Early Autumn.											
<i>Passé aua</i> . R. Syn. Pomme de Pastecana.											
<i>Pastichovka</i> . Gb. Syn. of Shepherd.											
<i>Patch</i> . L. Patch's Russet.	Eng.	rob	ms	gyru	c	yw	bsa	g		m	Not described.
<i>Patch's Russet</i> . D. Syn. of Patch.											
<i>Paterson's Apple</i> . D. Syn. of Dutch Mignonne.											
<i>Paterson's Sweet</i> . D. Syn. of Bailey Sweet.											
<i>Paterson's Sweet</i> . D. Syn. of Victoria Sweet.											
<i>Patsbury</i> . (LC)											Do.
<i>Patten</i> . L. Syns. Patten's Duchess No. 3, Patten's Greening.	Iowa		ml	y			sa	vg	dk	l	
<i>Patten's Duchess No. 2</i> . JVC.											
<i>Patten's Duchess No. 3</i> . JVC. Syn. of Patten.											
<i>Patten's Duchess No. 4</i> . JVC.											
<i>Patten's Duchess No. 5</i> . JVC.											
<i>Patten's Greening</i> . A 189. Syn. of Patten.			l	rs	c			g		me	Supposed to be a seedling of Oldenburg.
<i>Patten No. 20</i> . IIH 02.	Iowa										
<i>Patterson</i> . 1BW4B. Syn. of Bailey Sweet.											Not described.
<i>Patterson</i> . p95. Syn. of Hopewell.											
<i>Patterson Early</i> . R. Syn. Patterson's Early.											
<i>Patterson's Early</i> . MagofH'53. Syn. of Patterson Early.											
<i>Patterson's Sweet</i> . E. Syn. of Bailey Sweet.											
<i>Pattie Grimes</i> . WMP'S.	Md.			pr	j	w		vg		l	Probably distinct from Mangum.
<i>Pattin</i> . W. Syns. Alabama Pearmain (of Peters), Carter (Ala.), Mangum.	Ala.	rob	ml	rs			a	g		ml	
<i>Patton</i> . Syn. of Carter Blue.											
<i>Patton</i> . D. Syn. of Mangum.											
<i>Patton Russet</i> . E. Syn. Patton's Hybrid Russet. [Probably Patton is correct.]											
<i>Patton's Hybrid Russet</i> . MinnExR'90. Syn. of Patton Russet.											
<i>Patton Sweet</i> . R. Syn. Patton's Winter Sweet.	Ohio.	oblc	ml	gb	tj	w	s			l	Described by R. Seavers in Mag. of H. '46, 44.
<i>Patton's Winter Sweet</i> . MagofH'46. Syn. of Patton Sweet.											
<i>Paul</i> . L. Syn. Seedling Paul.	Pa.?	ob		rs			sa	vg		ml	
<i>Paullet</i> . R. Syn. Paullet Russet.			s	ynu			sa			e	

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Pickard, MoH'63. Syn. Pickard's Reserve.	Ind.	robe	ml	yb	ctj	y	msa	g-vg	dk	ml	Not described. Do.
Pickard Bros., Cal. Syn. Pickard's Choice. [Probably same as Pickard.]											
Pickard's Choice. Utah B's. Syn. of Pickard Choice.											
Pickard's Reserve. W. Syn. of Pickard.											
Pickaway Rambou. A77. Syn. of Grosh.											
Pickering, R. Syn. Pickering Seedling.											
Pickett, Dap. Syns. Pickett's Late, Pickett's Late.	Ind.	rob	ml	ys	fj	wy	tsa	vg	l		Do.
Pickett, IIIH'86. Syn. of Pickett.											
Pickman, Gb. Syns. Gov. list No. 359, Motchetschnoe, Motschetschnoe, Welling.	Rus.	rob	m	yr	c	yw	psa	g-vg	vl		Do.
Pickman Pippin, K. Syn. Pickman Pippin.	Mass.										
Picquett, IIIH'87.		re	l					g	l		Possibly identical with Pickett.
Pie, PFar'53. Syn. Lounger.	Ohio.	obl	l	rs			sa	g	m		
Pie Apple. IndF'40. Syn. of Holland.											
Piedmont, L. Syns. Dollins Pippin, Piedmont Pippin.	Va.	robe	l	gyru	ctj	y	sa		l		
Piedmont Pippin. Dap. Syn. of Piedmont.		ob	m	gyrs			sa	g	vl		Seems to be distinct from Pfeiffer.
Pfeiffer, IIIH'45.											
Pfeiffer, D. Syn. of Pfeiffer.		oble	m	pyb	c	w	psa	g	ml		From Ronalds.
Pigeon, C. Syns. Arablan Apple, Coeur de Pigeon, Duif, Apfel, Gros Coeur de Pigeon, Jerusalem, Poise Pomme, Pigeon Blanc, Pigeon Rouge, Pomme Pigeon, Rather Taubenapfel.	Eur.										
Pigeon Blanc. IIIH'45. Syn. of Pigeon.											
Pigeon de Rouen. K. Syn. of Rouen Pigeon.											
Pigeonnet Blanc. D. Syn. of Pigeonette.											
Pigeonette, MagofH'53. Syns. American Peach, Muscan de Levre, Pigeonnet Blanc, Pigeonette Blanc d'Ete, Pigeonette de Rouen, Pigeonette Gros de Rouen, Pigeonette Jerusalem, Taubenfarbige Apfel.	Eur.	rob	ms	ys		w	a		me		From Hogg.
Pigeonette Blanc d'Ete. D. Syn. of Pigeonette.											
Pigeonette de Rouen. D. Syn. of Pigeonette.		oble	l	pyb	t	w	sa	g	l		
Pigeonette de Rouen. D. Syn. of Pigeonette.											
Pigeonette Gros de Rouen. D. Syn. of Pigeonette.											
Pigeonette Jerusalem. IIIH'45. Syn. of Pigeonette.											
Pigeon Hill. W.	Eur.	r	s	rs			sa				Possibly same as Pigeonette. May be identical with Pigeon.
Pigeon Rouge. W.	Eur.	c	s	rs			sa	g	m		con.

[illegible]

Not described.

From transactions Ohio
Pomological Society.

From Lindley.

Not described.

Do.

Do.

Do.

Do.

No.

Do.

Pomme de Caractère.	D. Syn. of Drap d'Or.					
Pomme de Caractère.	K. Syn. of Poudrier Jaune.					
Pomme de Chiffon.	GenF ³³ . Syn. of Mala Carlé.					
Pomme de Cuir.	D. Syn. of Holland Rose.					
Pomme de Cuir.	D. Syn. of Pomme Gris.					
Pomme de Fer.	MHSC ⁷⁷ . Syn. of Dory.					
Pomme de Glace.	K. Syn. of White Astruchan.					
Pomme de Glace.	D. Syn. of Wartha.					
Pomme de France.	D. Syn. of Sardinia.					
Pomme de France.	D. Syn. of Dutch Mignonne.					
Pomme de Lestre.	K. Syn. of Lestre.					
Pomme de Maline.	D. Syn. of Maline.					
Pomme de Naige.	K. Syn. of Famenise.					
Pomme d'Or.	Lm. Syn. of Golden Pippin (Eng.)					
Pomme d'Orange.	D. Syn. of Isle of Wight.					
Pomme Double Apple.	D. Syn. of Acathe.					
Pomme d'Oude Presse.	D. Syn. of Early Autumn.					
Pomme de Pastena.	MagotH ⁴² . Syn. of Pastena.					
Pomme de Percequid.	D. Syn. of Suisse.					
Pomme le Quatre Gouts.	K. Syn. of Violette.					
Pomme de Roi.	MagotH ³⁶ .					
Pomme de Rose.	E. Syn. of Rose.					
Pomme de Saint Julien.	D. Syn. of Saint Julien.					
Pomme du Carn.	D. Syn. of Canada Requette.					
Pomme Finele.	GenF ³³ . Syn. of Mala Carlé.					
Pomme Grande.	D. Syn. of Grana.					
Pomme Gris.	Lin. Syns. Gray Apple, Grise, Leather Apple of Turrie,					
Pomme de Cuir.	Pomme Gris d'Or.					
Pomme Gris d'Or.	Dap. Syn. of Golden Gray.					
Pomme Gris d'Or.	D. Syn. of Pomme Gris. [Some doubt as to correctness.]					
Pomme Grise.	D. Syn. of Pomme Gris.					
Pomme Pigeon.	K. Syn. of Pigeon.					
Pomme Polre.	GenF ³³ .					
Pomme polre.	GenF ³³ . Syn. of Nonpareil.					
Pomme Princesse.	K. Syn. of Princesse.					
Pomme Reglons.	D. Syn. of Cornish Gilliflower.					
Pomme Romanin Rouge.	D. Syn. of Red Romanin.					
Pomme Rose.	D. Syn. of Lady.					
Pommery.	D. Syn. of Lady Sweet.					
Pomme Royal.	G. Syn. of Dyer.					
Pomme Royale.	K. Syn. of Dyer.					
Pomme Royale (erroneously).	T. Syn. of Pound Royal.					
Pomme Royal (of some).	E. Syn. of Green Seekno further.					
Pomme Royle.	D. Syn. of Peacock.					
Pomme Rubacher.	D. Syn. of Suisse.					
Pomme Sacril Sauveur.	D. Syn. of Sauveur.					
Pomme Sauss.	MagotH ³⁹ .					
Pomme Suisse.	D. Syn. of Suisse.					
Pomme Violette.	DomEnc.					
Pomme Water.	K. Syn. of Red Autumn.					
Pomme Water.	K. Syn. of Pomme Water Sweet.					

Potter Best.	R.	Syn. Porter's Best.
Pott's Seedling	Hort'72.	Syn. of Potter Best.
Porter Early.	R.	Syn. Porter's Early.
Porter's Favorite	A.T.	Syn. of Porter Early.
Porter's Favorite	B.S.	Porter's Favorite.
Porter's Favorite	A.79.	Syn. of Porter Favorite.
Porter Vansuch.	R.	Syn. Porter's Nonsuch.
Porter's Vanguard	A.77.	Syn. of Porter Nonsuch.
Porter Spitzenburg.	D.	Syn. Porter Spitzenburgh.
Porter Spitzenberg.	Cole.	Syn. of Lederje Spitzenburg.
Portland Sweet.	Gent'38.	Syn. of Canada Requette.
Portugal.	Gent'38.	Syn. of Canada Requette.
Portugual Gray.	L.	Syns. Graine Portugiesische Reinette, Portugal Gray.
Reinette.	Reinette Grise de Portugal.	
Possard's Nalliva.	IndR53.	D. Syn. of Portugal Gray.
Posse.	L.	Syns. Posey's Red, Posey's Red Winter.
Posey's Red.	D.	Syn. of Posey.
Posey's Red.	D.	Syn. of Possey.
Possart.	Gb.	Syns. Possart's Nalivia, V. R. S. to Ia. No. 39, Possart's Native.
Possart's Naliria.	Gb.	Syn. of Possart.
Possart's Nutlr.	MimB1.	Syn. of Possart.
Posteley.	D.	Syn. Postoley's Seedling.
Postley's Seedling.	D.	Syn. of Postoley.
Positichanka.	Gb.	Syn. of Shepherd.
Potalnoe.	MHSc'36.	Syn. Shro to Ia. No. 106.
Potanac.	P'95.	
Pot Pe Apple.	D.	Syn. of Winesap.
Potter.	A'S5.	Syns. Potter's Large, Potter's Large Apple, Potter's Large Seedling.
Potter's Early.	Hort'75.	Syn. of Knowles.
Potter's Large.	D.	Syn. of Potter.
Potter's Large Apple.	D.	Syn. of Potter.
Potter's Large Grey Seedling.	E.	Syn. of Fill Basket.
Potter's Large Seedling.	D.	Syn. of Fill Basket.
Potter's Large Seedling.	D.	Syn. of Potter.
Potter Red.	ColeX'R'88.	
Potter seed.	D.	Syn. of Letcester.
Pottinger.	W.	Syns. Big Red, Large Winter Red.
Potts.	A'95.	
Pott Seedling.	R.	Syn. Pott's Seedling.
Pott's Seedling.	CB116.	Syn. of Pott Seedling.
Pouddickerpiste Russet.	NEL'29.	Syn. of English Russet.
Pound.	Gb.	Syns. Funtovoe, Funtowee, Gov. list No. 360.
Pound.	D.	Syn. of Fallawater.
Pound.	H.	Syn. of Gloria Mundi.
Pound.	D.	Syn. of Nickajack.
Pound Antonowa.	CanH'94.	
Pound Apple.	C.	
Pound Cake,	D.	Syn. Royal Pearmain.
Pound Georgia.	IIB45.	

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					Texture.	Color.					
Pryor, L. Syns. Bersford, Big Hill, Bonford, Conford, Pitzer Hill, Pryor's Late Red, Pryor's Red, Pryor's Pearmain, Pryor's Red, Red Russet (of some).	Va. ?	rob	m	gyrse	tj	y	vrsa	vg	dkm	ml	
Pryor's Pearmain.											
Pryor Red (Seedling). MichB129.	Ill.										
Pryor's Red. NEF'30. Syn. of Pryor.	N. Y.	rc	l	pyeb	cj	y	sa	g		m	
Pucker End. D.											
Pucker End. Dap. Syn. of Summer King.											
Pucker's Summer King. Dap. Syn. of Summer King.											
Pucky. CapEXR'01.	Wash.	obc	ml	wyr	f	y	sa	vg		ml	Do.
Pullman, Grapes. GenF'32.											
Pumpkin. Cal. Syn. Queen of the South.	South?										
Pumpkin. Cal. Syn. Stillwell's Royal.											
Pumpkin. Russel. D. Syn. Flint Russet, Kingsbury Russet, Pumpkin Sweet, Sweet Russet, York Russet.	N. E.?	r	l	pygru		w	rvs	g		ml	Do. Do.
Pumpkin Sweet (Ct.). NEF'34. Syns. Lyman's Large Yellow, Lyman's Pumpkin Sweet, Pumpkin Sweeting, Rhode Island Sweet, Round Sweet, Sweet Lyman's Pumpkin, Vermont Pumpkin Sweet, Vermont Sweet, Yankee Apple.	Conn.	r	vl	wg			vs	g		m	
Pumpkin Sweet (Ct. or Mass.). K.	{Conn.? Mass.?	{rob	l	yrn		yw	brvs	vg	k	m	
Pumpkin Sweet (Ohio). Syn. Sweet Russet of Ohio.	Ohio.	rc	l	yrn			s	g	k	m	
Pumpkin Sweet. D. Syn. of Pumpkin Russet.											
Pumpkin Sweeting. GenF'36. Syn. of Pumpkin Sweet (Ct.).											
Pumpkin Sweet (of some). D. Syn. of Cheseboro.											
Punawater Sweet. MagOH'40. Syn. of Pommewater Sweet.											
Punchbowl. Hort'48.											
Purity. BBL.											
Pushmataha. D. Syn. Sloan's Seedling.	Ala.	robc	ms	pyrs	jrn	yw	psa	g		ml	Do. Do.
Putnam. D. Syns. Putnam's Seedling.	Rus.										
Putnam. D. Syns. Putnam's Seedling to Ia. No. 100.											
Putnam. D. Syns. Putnam's Seedling.											
Putnam. D. Syn. Putnam's Harvest.		rob	ml	gru	ctj	w	sa			m	
Putnam's Harvest. MagOH'38. Syn. of Putnam Harvey.											
Putnam's Harvey. D. Syn. Putnam's Harvest.	Ky.	ob	l	yrn	cj	y	psa	g		l	
Putnam Keeper. D. Syn. of Roxbury.											
Putnam. Russel. K. Syn. of Roxbury.											
Putnam's Savewell. D. Syn. of Savewell.											
Putnam Sweet. W.		ob	l	drs	t		s	vg	k	m	
Putneytte. D. Syn. Pantneytte.	Ohio.	r	m	py	c		a			ml	
Pyle. A'71. Syns. Pyle's Large Red, Pyle's Red, Pyle's Red Winter.	Pa.	robc	l	rs			sa			l	

Pyle Green. L. Syn. Pyle's Green Winter. <i>Pyle's Green Winter.</i> Cat. Syn. of Pyle Green <i>Pyle's Large Red.</i> HB&T. Syn. of Pyle <i>Pyle's Red.</i> Moil 88. Syn. of Pyle T. Syn. of Pyle <i>Pyles Russell.</i> D. Syn. of Piles Pyrriform. Gb. Syns. Gruschaobrasnoe, V. R. S. to Ia. No. 12 <i>Pyrrus Astracanth.</i> D. Syn. of White Astracanth Pyrrus Carneæ. R. Syn. Pyrrus Malus Carneæ Pyrrus Edulis. R. Syn. Pyrrus Malus Edulis <i>Pyrrus Malus Carneæ.</i> BBL. Syn. of Pyrrus Carneæ <i>Pyrrus Malus Edulis.</i> BBL. Syn. of Pyrrus Edulis Pyrrus Malus Sp. Rosaæ Pleno. (LC). [Ornamental only.] Quaker. D. Syn. Quaker Apple <i>Quaker Apple.</i> A'56. Syn. of Quaker	Rus.	Pa.?	re	m	yrs	cj	w	psa	g	m	ml
Quaker Beauty. WisB77 Quaker Harvest. W <i>Quaker (of some).</i> D. Syn. of Streaked Pippin Quaker Pippin. P'Far'53. Quaker (Virginia). W Quamp. L. Syns. Poppy Quamp, Poppy Quamp. Quarrenden. Lin. Syns. Devonshire Quarrenden, Red Quarrenden, Sack Quarrenden. Quebec. IIIH'93. Syns. Quebec Sweet, Quebec Winter Sweet. Quebec Red. R. Syn. Quebec Red Winter <i>Quebec Red Winter.</i> MichB31. Syn. of Quebec Red <i>Quebec Sweet.</i> Cat. Syn. of Quebec <i>Quebec Winter Sweet.</i> BBCo. Syn. of Quebec	Ohio Am. Va. Ohio. Eng. Que	ob obl r f rob	s m r l ms	y gy y y dc	yr			sa a sa s psa	g p p g d	e m m me l	
Queen. IIIB45 <i>Queen.</i> H. Syn. of Buckingham <i>Queen.</i> DomEnc. Syn. of Summer Queen <i>Queen.</i> NEF'31. Syn. of Williams Queen Anne. P'Far'48. <i>Queen's.</i> GenF'33. Syn. of Borsdorffor <i>Queen Anne.</i> Cole. Syn. of Lowell <i>Queen Anne.</i> D. Syn. of Mother <i>Queen Apple</i> (erroneously). D. Syn. of Nix <i>Queen's Apple of Forsythie.</i> DomEnc. Syn. of Winter Queen Queen Charlotte. D Queen Choice. L. Syn. Queen's Choice <i>Queen's Choice.</i> BBL. Syn. of Queen Choice <i>Queen Muscat.</i> Gb. Syn. of Muscatel Reincte Queening. A'71. Syn. Early Queening Queen Louise. Gb. Syns. Königin Louise, Shro. to Ia. No. 38 <i>Queen of Haywood.</i> A'91. Syn. of Haywood	Ger Pa. Rus.	c r	s ms	gb yrs				bpsa sa	l me		

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
Ramsdell Red. W. Syn. Ramsdell's Red Sweeting	Conn ...	oble	ml	ys	j	y	bvs	vg	k	m	Mr. Lyon considered this identical with English Sweet.
<i>Ramsdell's Red.</i> W. (?) Syn. of English Sweet											
<i>Ramsdell's Red Pumpkin Sweet.</i> M. Syn. of English Sweet											
<i>Ramsdell's Red Sweeting.</i> MagoH 38. Syn. of Ramsdell Red											
<i>Ramsdell's Red Winter.</i> D. Syn. of English Sweet											
<i>Ramsdell's Sweet.</i> D. Syn. of English Sweet											
<i>Ramsdell's Sweeting.</i> D. Syn. of English Sweet											
<i>Ramsdorns.</i> MagoH 39			l	dr				p		m	
<i>Ranakowski.</i> MimiEXR 30								rsa	g-vg	ml	
<i>Rare L.</i> S. n. Red Racer		rc	ms	yt	tj	y					
<i>Rare R.</i> E. Syn. of Randall											
<i>Randall.</i> I. Syn. of Randall Bert, Randall's Best, Randell	Ohio?	rob	m	gyrs	t	w	s			ml	Not described.
<i>Best Randall's Best.</i> W. Syn. of Randall											
<i>Randall's Best.</i> W. Syn. of Randall											
<i>Randall's Best.</i> D. Syn. of Randall											
<i>Randall's Best.</i> D. Syn. of Randall											
<i>Randolph.</i> P 95. GarM 63	Pa.	ob	ms	ywrs	tj	yw	sa	g		e	
<i>Randolph Sweet.</i> GarM 63		rob	ml	gyb	tj	w	rs	vg		vl	
<i>Randette Kithski.</i> Gb. Syn. of Kief Reinette	Mo.		ml	rs	j			vg			
<i>Rankins.</i> MoH 84											
Rankin Favorite. R. Syn. Rankin's Favorite											
<i>Rankin's Favorite.</i> HuC. Syn. Rankin Favorite											
Ransom. Dap. Syn. Red Streak	Conn	rob	ml	ys	tj	yw	psa	vg		m	
<i>Rappahannock.</i> MagoH 53. Syn. of Rappahannock											
Rappahannock. R. Syn. Rappahannock											
<i>Rare Ripe.</i> R. Rare Ripe		ob	m	y			sa	g		vl	
<i>Rare Ripe.</i> L. 11B 43. Syn. of Rare Ripe	N. J.	ro	m	yb	t	w	s	g	k	m	
<i>Raritan L.</i> S. n. Rare Ripe											
<i>Raritan Sweet.</i> MagoH 44. Syn. of Raritan Sweet											
<i>Raritan Sweet.</i> D. Syn. of Michael Honey											
<i>Raritan Sweeting.</i> DomEnc. Syn. of Raritan											
<i>Rasche.</i> Hort 67	Mo.	rob	m	gy	cj	y	sa	vg	d	l	
Raspberry. MHSC 86. Syns. Gov. list No. 288, Malinovka, Malinovskoe, Malinovskoe Shro. to Ia. No. 113.	Rus.	obl	m	y				g		e	
Rasumoff. Gb. Syns. Gov. list No. 974, Rasumowski Noschok, Razumofsky's Downy, Razumovskul Moschok.	Rus.										Do.

Brought to notice by H. C. Kirschbaum, Tolona, Mo.
Not described.

Do.

Do.

Name	Fr.	rc	m	rs	t	msu	p	ml	Not described.
Red Butcherb. IndH86.									
Red Calville. C. Syns. Calilot Rosat, Calville Rouge, Calville Rouge d'Anjou, Calville Rouge d'Automne, Calville Rouge d'Hiver, Calville Rouge Normande, Calville Royale d'Hiver, Calville Vraie des Allemands, Cushman's Black, Red Winter Calville, Sanguinole, Spice of some West.									
Red Calville. Gb. Syn. of Endrebec									
Red Canadie. Gb. Syn. of Winter Livland									
Red Canadie. MagOH'47. Syns. Bullman, Canada Red, Donahoe, Nonsuch, Nonsuch Old, Old Nonsuch, Poland, Red Nonsuch, Richfield, Richfield Nonsuch, Steele's Red (erroneously), Steele's Red Winter, Welch's Spitzenberg Winter Nonsuch.	Conn. ? Mass.	obe	m	yse	te	w	vg	vl	
Red Carver. P'95.									
Red Cathcad. D. Syn. Cathcad (of some)	Pa.	rc	m	yws	tf	y	g	l	
Red Cathcad. E. Syn. of Priestly	Va.	rc	l	y	tf	y	g-vg	m	
Red Cedar. W.	Ohio?		m	dr		y	g	vl	
Red Cedar. MoH'83. Syn. of Cedar									
Red Check (Ct.). D.	Conn.	robc	m	w	tf	w	psu	l	
Red Check (Mass.). MagOH'45.	Mass.	rc	m	wbc	tf	w	psu	m	
Red Check (N. J.). D.	N. J.	roble	m	wylc	tf	w	sa	ml	
Red Check. Lin. Syn. of Belden									
Red Check. D. Syn. of Fall Orange									
Red Check. Cole. Syn. of Maiden Blush									
Red Check. E. Syn. of Monmouth									
Red Check Bellflower. Dap. Syn. of Ewall									
Red Check. Gb. Syn. of Romania									
Red Check Pippin. GenP'51. Syn. of Monmouth		ob	ml	yrs	t	y	sa	l	
Red Cheese. A'89.									
Red Cider. JTL. Syns. Red Crab, Red Smith's Cider									
Red Cider Crab. IndH'88. Syn. of Kentucky Red									
Red Cloud. MinnHort'96.	Minn.	r	m	yrs	tfj	ws	vg		
Red Collin. D. Syn. of Forest									
Red Crab. A'75.									
Red Crab. JBW&B. Syn. of Kentucky Red									
Red Crab. A. (C) Syn. of Red Cider									
Red Crafton. D. Syn. of Scarlet Crafton									
Red Davis. MoH'85. [Claimed to be a sport of Ben Davis.]									
Red Detroit. T. Syns. Black Apple (of some), Crimson Pippin, Detroit, Detroit Red, Large Black.	Can. ?	rc	ml	dep	cj	ws	g	ml	
Red Detroit. E. Syn. of Black Detroit									
Red Dettmer. MichB'18.	Rus.	robc		rs		sa		m	
Reddick. MagOH'36. Syn. Reddock									
Redding. R. Syn. Redding's Nonpareil	Conn.	r	ms	gru		g	d	l	
Redding's Nonpareil. GenP'33. Syn. of Redding									
Reddock. MagOH'47. Syn. of Reddick									
Red Doctor. M. Syn. of Doctor									
Red Duchess. L. Syn. Red Duchess of Oldenburgh									
Red Duchess of Oldenburgh. Cat. Syn. of Red Duchess									
Red Duck. Gb. Syn. of Red Pine									
Red Duck Apple. MHSC'81. Syn. of Annaple Rother.									
Red Elser. BBL.									
Red Elserapfel. IndH'86.									

This may be Monmouth.

Said to be distinct from Smith.

Not described.

Do.

Do.

Do.

Do.
Do.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Redpath. R. Syn. Redpath Fall Seedling.....	Mini ...	rob	m	grs			sa	g		m	It is probable that this is Redpath.
Redpath Fall Seedling. SDB76. Syn. of Redpath.											
Red Pawpaw. 111B45. Syn. of Pawpaw											
Red Pearmain. T. Syn. of Kaighn. [Same as Long Red in Downing's Appendix.]											
Red Pearmain. E. Syn. of Long Red											
Red Pearmain. (of the West). D. Syn. of Winter Pearmain											
Red Pennock. D. Syn. of Pennock											
Red Petersburg. Gb. Syns. Petersburgskoe krasnoe, Rgl. to Ia. No. 191	Rus.										
Red Phoenix. E. Syn. of Long Red											
Red Phoenix. Gb. Syns. Rother winter taubenapfel, V. R. S. to Ia. No. 49	Rus.										
Red Pine. Gb. Syns. Ananasapfel rother, Gov. list No. 60, Red Duck,											
Red Pippin. Annapel. Syn. Red Pippin of Maryland	Md										
Red Pippin (Md.). 1H&S. Syn. Streaked Pippin	N. Y.		l	grs						l	
Red Pippin. D. Syn. of Ben Davis											
Red Pippin. E. Syn. of Long Red											
Red Pippin. D. Syn. of Nickajack											
Red Pippin. D. Syn. of Streaked Pippin											
Red Pippin. P ⁹⁵ . Syn. of Swadley											
Red Pippin of Maryland. 111B45. Syn. of Red Pippin (Md.)											
Red Polish. D. Syn. of Polish											
Red Pound. L. Syn. Red Pound Sweet		c	l	rs			s	g		m	
Red Pound. S&W. Syn. of Baxter											
Red Pound Sweet. D. Syn. of Red and Green											
Red Pound Sweet. W. Syn. of Red Pound											
Red Pumpkin Sweet. D. Syn. of English Sweet											
Red Quarrenden. GenF ³³ . Syn. of Quarrenden			m	gyrs							This may be Red Reinette of Gibb.
Red Quercen. 111H 91											
Red Quercen. Gb. Syn. of Red Reinette											
Red Quercen. D. Syn. of Crimson Queen											
Red Rambo. W. Syn. of Rambo (of Western collections)		rob	m	rb	t		sa			m	Possibly same as Rambo.
Red Raspberry. Gb. Syns. Malinoka krasnaya, Rgl. to Ia. No. 1260	Rus.		ms	y			sa			m	
Red Reinette. Gb. Syns. Gov. list No. 316, Red Queen, Reinette rother, Ruthe Reinette.	Rus.	re	ml	gyb		gw	sa		k	l	Hansen calls this Red Queen. Not described.
Red Repka. ColExR ⁹¹											
Red Republican. NWFG ⁹²	Pa	rob	l	rs			sa	g		ml	

[illegible]

III.2	IV.2	V.2	VI.2	VII.2	VIII.2	IX.2	X.2	XI.2	XII.2	Notes
Red Winter Pippin. IIIH'85.										
Red Winter Sweet (Va.2 Ky.2). D.										
Red Winter Sweet (Ill.). IIIH'70.										
Red Winter Sweet. D. Syn. of Sweet Romanite.										
Red Winter Sweet. IIIH'71. Syn. of Sweet Vanderveer.										
Red Winter Sweet (of some). B. Syn. of Moore Sweet.										
Red Winter Sweeting. Lin. Syn. Large Red Sweet.										
Reed. D.										
Reed Golden. (LC). Syn. Reed's Golden Pippin.										
Reed's Golden Pippin. Dap. Syn. of Reed Golden.										
Reed's Favorite. P'95. Syn. of Vineland.										
Refuge. IIIH'45. Syn. of Winesap.										
Regina's Yellow. JH&E.B. Syn. of Regan Yellow.										
Regel. In'83.										
Regl. N. Syn. of Green Sweet.										
Regmalard. L. Syn. Reinette de Regmalard.										
Reginald. Dap. Syn. of Cooper Market.										
Reid Golden. Mich'42.										
Reine des Reinettes. W. Syn. of Queen Pippin.										
Reinette à feuille d'Acacia. NYEXR'92. Syn. of Acacia-leaved Reinette.										
Reinette Annaus. CanEXR'01.										
Reinette Barade. GenF'33. Syn. of Borsdorfer.										
Reinette Bauman. D. Syn. of Bauman.										
Reinette Blanche. D. Syn. of French Reinette.										
Reinette Blanche d'Espagne. GenF'33. Syn. of White Spanish.										
Reinette Blanche d'Espagne (erroneously). K. Syn. of Fall Pippin.										
Reinette Blanche d'Alsace. D. Syn. of French Reinette.										
Reinette Calville. D.										
Reinette Canada. B. Syn. of Canada Reinette.										
Reinette Cœur de France. MagoffH'41. Syn. of Cœur de France.										
Reinette Coulon. D. Syn. of Coulon.										
Reinette d'Als. GenF'33. Syn. of Golden Reinette.										
Reinette d'Alzerna. GenF'33. Syn. of Breda.										
Reinette d'Angletorre. D. Syn. of English Reinette.										
Reinette d'Angletorre. D. Syn. of Golden Pippin (Eng.).										
Reinette Daniel. D.										
Reinette d'Anjou. D. Syn. of Anjou.										
Reinette de Bayeux. D. Syn. of Bayeux.										
Reinette de Breda. GenF'33. Syn. of Breda.										
Reinette de Breckange. IIIH'45.										
Reinette de Caen. GenF'33. Syn. of Canada Reinette.										
Reinette de Canada Grise. GenF'33. Syn. of Royal Russet.										
Reinette de Canada Platte. GenF'33. Syn. of Royal Russet.										
Reinette de Canterbury. D. Syn. of Canterbury.										
Reinette de Caux. NYEXR'96.										
Reinette de Caux. D. Syn. of Caux.										
Reinette de Champagne. D. Syn. of Champagne.										
Reinette de Citron. D. Syn. of Citron.										

Not described.

Prof. Budd makes this No. 169, which is Gibb's Green Sweet.

Not described.

Probably distinct from Reed Golden.

From Diel.

Not described.

Probably same as Caux.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Reinette de Clarend.</i> D. Syn. of Clarend.											
<i>Reinette d'Espagne.</i> GenF ³³ . Syn. of White Spanish											
<i>Reinette d'Espere.</i> Dup. Syn. of Espere											
<i>Reinette d'Ete Blanc.</i> D. Syn. of Summer Reinette											
<i>Reinette de Flandre.</i> D. Syn. of Flanders Reinette											
<i>Reinette de Frisland.</i> D. Syn. of Frisland											
<i>Reinette d'Holland.</i> D. Syn. of Holland											
<i>Reinette de Hongrie.</i> D. Syn. of Hongrie											
<i>Reinette de Hoya.</i> Dup. Syn. of Hoya											
<i>Reinette de Lucca.</i> MagnB ¹⁵ . Syn. of Lucca											
<i>Reinette de Luyck.</i> MagnB ¹⁵ . Syn. of Luyck											
<i>Reinette de Landberg.</i> Dap. Syn. of Landberg											
<i>Reinette de la Rochelle.</i> D. Syn. of Rochelle Reinette											
<i>Reinette de Luxembourg.</i> AndN. Syn. of Luxembourg											
<i>Reinette de Mader.</i> 11B45. Syn. of Mader											
<i>Reinette de Middlebourg.</i> D. Syn. of Middlebourg											
<i>Reinette de Mismie.</i> GenF ³³ . Syn. of Borsdorffer											
<i>Reinette de Normandy.</i> D. Syn. of French Reinette											
<i>Reinette d'Orleans.</i> D. Syn. of Orleans											
<i>Reinette d'Orleans.</i> D. Syn. of Orleans											
<i>Reinette d'Osnabruck.</i> D. Syn. of Osnabruck											
<i>Reinette de Regmalard.</i> BBL. Syn. of Regmalard											
<i>Reinette der Tyrol.</i> D. Syn. of Tyroler											
<i>Reinette des Carmes.</i> GenF ³³ . Syn. of Barcelona											
<i>Reinette des Menonites.</i> D. Syn. of Menonisten											
<i>Reinette des Reinettes.</i> 11B45											
<i>Reinette de Thorn.</i> D. Syn. of Thorn											
<i>Reinette de Versailles.</i> 11B45											
<i>Reinette d'Id.</i> D. Syn. of Idel											
<i>Reinette Dolbear.</i> 11B45. Syn. of Dolbear											
<i>Reinette Dore.</i> D. Syn. of Dore											
<i>Reinette Dore.</i> K. Syn. of Dore											
<i>Reinette Dore.</i> GenF ³³ . Syn. of Dutch Mignonne											
<i>Reinette Dore.</i> D. Syn. of Konig											
<i>Reinette Dore.</i> D. Syn. of Van der Laans											
<i>Reinette du Canada.</i> GenF ³³ . Syn. of Vanderlaans											
<i>Reinette du Canada.</i> GenF ³³ . Syn. of Canada Reinette											
<i>Reinette du Canada.</i> GenF ³³ . Syn. of Canada Reinette											
<i>Reinette du Canada Blanche.</i> GenF ³³ . Syn. of Canada Reinette											
<i>Reinette Duchesse de Brabant.</i> D. Syn. of Duchesse de Brabant											
<i>Reinette du Caux.</i> Cat. [Probably same as Reinette de Caux.]											Do.

Not described.

Do.

[illegible]

From Album de Pomologie.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Ribbed Nally. Gh. Syns. Gov. list No. 285, Rebristoe Nalymoe, Repristoe Walsone, Turnip Juicy Apple.	Rus. ....	.....	l	.....	.....	.....	.....	.....	.....	.....	Not described.
Ribston. L. Syns. Beautiful Pippin, Formosa Pippin, Glory of York, Ribstone Pippin, Ribston Park Pippin, Ribston Pippin, Rockhill's Russet, Travers.	Eng.	re	ml	ybru	fc	y	a	vg	d	v1	
Ribston Park Pippin. AmF23. Syn. of Ribston.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Ribstone Pippin. C. Syn. of Ribston.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Ribstone Pippin. NEF32. Syn. of Baddow.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Richard (N. Y.). MagoffH32. Syns. Derrick's Graft, Derrickman, Dick's Graft, Red Spitzenburgh, Richard's Graft, Strawberry, Uncle Richard's Graft, Wine, Wine Strawberry.	N. Y.	rob	m	yrs	tj	y	psa	vg	d	me	
Richard (Rus.). MHSc86. Syns. Grand Richard, Shro. to Ia. No. 62.	Rus. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.
Richard's Graft. D. Syn. of Richard (N. Y.).	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Richardson. Cole.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Richardson's Red. ArkB49. Syn. of Beach.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Richardson Winter. W.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Richfield. H. Syn. of Red Canada.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Richfield Nonsuch. Cole. Syn. of Red Canada.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Richland. LW&CO.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Richland Beauty. SDB76.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Richland Sweet. R. Syn. Richard Winter Sweet.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Richland Winter Sweet. Cat. Syn. of Richard Sweet.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Richmond. E.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Richmond's No. 1. W. [Described by Warden.]	Ohio.	rob	l	pyrs	tj	w	s	g	.....	ml	
Richmond's No. 4. W. [Described by Warden.]	Ohio.	r	m	rs	rs	rs	sa	g	.....	l	
Richmond's No. 5. W. [Described by Warden.]	Ohio.	r	.....	rs	rs	rs	sa	g	.....	m	
Richmond's No. 6. W. [Described by Warden.]	Ohio.	r	.....	rs	rs	rs	sa	g	.....	m	
Richmond Red. L. Syn. of Richmond's Red.	Ohio.	r	l	r	r	r	sa	g	.....	m	
Richmond's Red. W. Syn. of Richmond Red.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Richmond Sweet. IllB45.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Rich Pippin. W. Syn. of Rock Pippin.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.
Rich Spley. IllB45.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.
Richtor. PaB18.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.
Rich Winter. ColExB88.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.
Ricter. EBL.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.
Ridge. L. Syn. Ridge Pippin.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.
Ridge Pippin. GenF33. Syn. of Ridge.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.
Ridge Pippin. W. Syn. of Rock Pippin.	Pa.?	re	ml	yru	cj	y	sa	g	m	v1	

Catalogue of the known varieties of apples referred to in *American publications from 1804 to 1904*—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Rollin's Juneating</i> , A'58. Syn. of Rollen											
<i>Rollin</i> , D. Syn. Rolla?	N. C.	rob	m	ys	cf		sa	g-vg	d	ml	Not especially promising.
<i>Rollins Pippin</i> , SDB76	Minn.	rob	ml	gy	ff	w	sa	g	k	l	Not described.
<i>Rollins Prolite</i> , SDB76	Minn.	rc	m	yg	ff	w	sa	g			Do.
<i>Rollins Russet</i> , IaH'94											
<i>Rolph</i> , WisB45. [This may be Rolite.]											
<i>Roman Beauty</i> , E. Syn. of Rome											
<i>Romaner</i> , AmGar'01. Syn. of Red Riches.											
<i>Romanite</i> , D. Syns. Broad River, Ramanite, Romanite of the South, Southern Romanite	South?	rc	s	yrb	ff	y	psa	g-vg	dm	vl	
<i>Romanite</i> , F. Syn. of Gilpin											
<i>Romanite</i> , W. Syn. of Pennock											
<i>Romanite</i> (incorrectly). Dap. Syn. of Greyhouse. [May Seek-no-further.]											
<i>Romanite of New Jersey</i> , C. Syn. of Rambo											
<i>Romanite of the South</i> , F. Syn. of Romanite											
<i>Romanite of the West</i> , Cole. Syn. of Gilpin											
<i>Roman Kirgger</i> , D. MagoldH'47											
<i>Roman Knight</i> , D. Syn. of Gilpin											
<i>Roman Knight</i> , D. Syn. of Greyhouse.											
<i>Roman Knight</i> , D. Syn. of Pennock											
<i>Romanoff</i> , MHSC'86. Syns Romanovka, Shro. to Ia. No. 151.	Rus.										Do.
<i>Romanoff</i> , Gb. Syn. of Romanoff											Do.
<i>Romanoff</i> , D. Syn. of Romanoff											Do.
<i>Roman Stem</i> , DomEnc. Syn. French Pippin (of some)	N. J.	r	m	wybru	tj		psa	vg	d	ml	
<i>Roman Sweet Pippin</i> , IIIH'72. Syn. of Roman Sweet											
<i>Romanin</i> , L. Syns. Romanin Blanche, White Romanin	Italy	obc	m	pyb	f	yw	sa			l	From Annals of Pomology.
<i>Rome</i> , L. Syns. Foust's Rome Beauty, Gilbert's Seedling, Press Ewing, Phoenix, Roman Beauty, Rome Beauty, Royal Red, Starbuck.	Ohio	robe	l	ys	tj	y	sa	g	m	ml	
<i>Rome Beauty</i> , D. Syn. of Rome.											
<i>Romenskoe</i> , A'83. Syns. Gov. list No. 599. Omensk (name of a place), Romenskoe, Shro. to Ia. No. 11.	Rus.										Not described.
<i>Romenskoe</i> , SDB76. Syn. of Romna											Do.
<i>Rome Sweet</i> , BBL											Do.
<i>Romlanka</i> , Gb. Syns. Gov. list No. 445. Redcheeked	Rus.										Prof Budd regards this as identical with Romenskoe.
<i>Romna</i> , IaB90. Syn. Romenskoe	Rus.	obc	ml	gyr	fjc	w	sa	g	k	l	
<i>Romenskoe</i> , Gb. Syn. of Romenskoe											A Vandervere Pippin seedling.
<i>Ronk</i> , IndH'88	Ind		l					g			

Round Winter, L. Syn. Round Winter Nonsuch.....	Eur.?	rob	l	gyrs	tj	gw	s	.....	.....	l	From Hogg.
<i>Round Winter Nonsuch</i> , D. Syn. of Round Winter.	Eng	re	l	g	f	gw	p	.....	k	me	From Ronalds.
<i>Rose's Seedling</i> , D. Syn. of Rowe.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Not described.
<i>Roxbury</i> , D. Syn. of Rolan.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.
<i>Rowland Keeper</i> , R. Syn. Rowland's Red Struck	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Rowland's Red Struck</i> , Magoff '53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Roxanna</i> , WisHort '98	Wis.	c	m	ys	f	w	sa	yg	.....	l	.....
<i>Roxbury</i> , (L.C.) Syns. Belpre Russet, Boston Russet, Howe's Russet, Marietta Russet, Putnam Russet, Putnam's Russet, Reinette Russe de Boston, Roxbury Russet, Roxbury Russeting, Russet Golden, Sylvan Russet, Warner Russet.	Mass.	rob	ml	yrn	mj	gw	re	g-vg	km	vl	.....
<i>Roxbury Russet</i> , GenF'32. Syn. of Roxbury	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Roxbury Russeting</i> , Th. Syn. of Roxbury	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Roxbury Sweet</i> , Magoff '38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal</i> , Gb. Syns. Gov. list No. 208, Korolenskoe, Korolewskoe, Shro. to Ia. No. 45.	Rus.	.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.
<i>Royal Codlin</i> , H. Syn. of Codlin	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.
<i>Royal George</i> , S&W	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.
<i>Royal Grise</i> , D. Syn. of Konig	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal Grise Reinette</i> , D. Syn. of Herefordshire	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal Grise Reinette</i> , D. Syn. of Royal Reinette	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal Juliette</i> , A'95. Syn. of Ralls.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal Jubilee</i> , BBL	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal June</i> , A'75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal Lambertville</i> , Hort '68	N.C.	ob	ml	gyt	.....	y	psa	g-vg	dk	vl	Do.
<i>Royal Lambertville</i> , Gd. Syn. of Gossopen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.
<i>Royal Milding</i> , GenF'33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.
<i>Royal Pearmain</i> , W	Ohio.	r	l	y	.....	.....	sa	vg	.....	l	.....
<i>Royal Pearmain</i> , C. Syn. of Merrit Pearmain	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal Pearmain</i> , D. Syn. of Pound Cake	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal Pearmain</i> , Syn. of Summer Pearmain	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal Pearmain</i> , H. Syn. of Watson	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal Pearmain</i> , (of same), GenF'33. Syn. of Herefordshire	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal Pippin</i> , W	Va.	r	l	y	.....	.....	s	g	.....	me	.....
<i>Royal Pippin</i> , (of Ill.) D. Syn. of Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal Pippin</i> , D. Syn. of Carter	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal Pippin</i> , W. Syn. of Day	Ill.	c	m	rs	.....	.....	sa	g	.....	m	Royal Red. of Hort. '73, 120 may be Rome.
<i>Royal Red</i> , W	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal Red</i> , Mat'67. Syn. of Rome	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal Red of Kentucky</i> , Dup. Syn. of Whitesop	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal Reinette</i> , D. Syn. Royal Grise Reinette	Eng.	c	ms	ys	fj	yw	dsa	.....	.....	vl	From Lindley.
<i>Royal Russet</i> , C. Syns. Leather Coat, Leather Coat Russet, Old Royal Russet, Passe Pomme de Canada, Reinette de Canada Grise, Reinette de Canada Platte Royal Russeting.	.....	robe	m	yrn	fr	gw	r	g	.....	ml	.....
<i>Royal Russeting</i> , DomEnc. Syn. of Royal Russet	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal Shepherd</i> , D	Eng.?	rob	ml	gyb	c	gw	bpa	.....	k	m	From Hogg.
<i>Royal Somerset</i> , D	Eng.?	rob	ml	pyrs	uj	y	psa	.....	k	ml	Do.
<i>Royal Somerset</i> , GenF'33. Syn. of London Pippin	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Royal Sweet</i> , Magoff '53	.....	.....	l	.....	.....	.....	s	.....	.....	g	.....

[illegible]

<i>Sargent's Late Red.</i> RNY71. Syn. of Sargent.	Fr.....	r	ms	y	fcj	yw	sa	.....	.....	From Annals of Pomology.
<i>Sartha.</i> L. Syns. Pommé d'Argent, Pommé de Jaune de la Sartha, Sartha's Yellow.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Sartha's Yellow.</i> D. Syn. of Sartha.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Sary Synap.</i> IndH87. Syn. of Persian.	Va.?	.....	.....	.....	.....	.....	.....	.....	me	This may prove to be Haskell.
<i>Sassafras.</i> L. Syn. Sassafras Sweet.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Sassafras Sweet.</i> Cole. Syn. of Haskell.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Sassafras Sweet.</i> Wg. Syn. of Sassafras.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Sauce.</i> L. Syns. Queen, Queen of Sauce.	Eng.?	ob	1	gyrs	fcj	y	sa	g	k	From Hogg.
<i>Sauer Grauch.</i> MoH87. Syn. of Grauch.	.....	.....	.....	.....	.....	.....	.....	.....	.....	Not described.
<i>Saunders.</i> L. Syn. Saunders Winter Sweet.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Saunders' June.</i> IndF40. Syn. of Saunders.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Sanderson.</i> A77. Syn. of Sanderson.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Sanders Winter Sweet.</i> Cat. Syn. of Saunders.	Rus.	ob	s	g.	.....	.....	g	g	1	Santa and Santa probably identical.
<i>Sankornaly.</i> McB96	Ga.	ob	ml	py	tj	wy	sa	g	vl	From Annals of Pomology.
<i>Santa.</i> Dap	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Sauveur.</i> L. Syns. Calville Saint Sauveur, Pommé Saint Sauveur, Saint Sauveur.	Fr.....	robc	1	yb	tj	w	a	g	m	.....
<i>Savage.</i> L. Syn. Savage's Cheese.	Ga.	ob	m	yrs	j	w	.....	.....	m	.....
<i>Savage's Cheese.</i> D. Syn. of Savage.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Savewell.</i> D. Syns. Cornell's Savewell, Putnam's Savewell.	N. Y.	robc	m	pyb	ctj	y	sa	g	1	.....
<i>Savoy.</i> JVC. Syn. Hall's No. 3.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Sawyer.</i> AJoH11	Ill	c	m	ybc	tj	y	bsa	g	vl	Not described.
<i>Sawyer Sweet.</i> D. Syns. Sawyer Sweeting, Sawyer's Sweeting.	.....	.....	1	gb	.....	w	s	g	m	From Amer. Journal of Horticulture.
<i>Sawyer Sweet.</i> A73. Syn. of Golden Sweet.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Sawyer Sweeting.</i> K. Syn. of Sawyer Sweet.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Sawyer's Sweeting.</i> Lin. Syn. of Sawyer Sweet.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Saxon.</i> A79	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Saxonian (?)</i> Gb. Syns. Gov. list No. 437, Sacholswan, Saksonscoe	Rus.	robc	ml	yrs	.....	w	a	.....	k	Not described.
<i>Saxon Priest.</i> AlaB98	.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.
<i>Saxon.</i> Dap. Syn. Fall Stripe.	.....	.....	.....	.....	.....	.....	.....	.....	.....	{Saxton and Fall Stripe probably identical.
<i>Saxton.</i> T. Syn. of Fall Stripe.	{Mass. or Conn.	rob	m	yrs	ctj	y	sa	g-vg	me	Not described.
<i>Saylor.</i> BBL. [Probably same as Ned]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Saylor.</i> D. Syn. of Ned.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Scalloped Gilliflower.</i> GenF33. Syn. of Scollop Gilliflower	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Scandinavia Mala.</i> E. Syn. of Fort Miami	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Scarlet Bough.</i> R. Syn. Early Scarlet Bough	Va.?	ob	ml	rs	.....	sa	g	.....	1	Do.
<i>Scarlet Cranberry.</i> MichB169. Syn. Robnett	Ire	ob	m	yru	fc	.....	rs	.....	m	From Lindley.
<i>Scarlet Crofton.</i> D. Syn. Red Crofton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Scarlet Golden Pippin.</i> K. Syn. of Scarlet Pippin (Eng.)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Scarlet Leadington.</i> D	Scot	rc	ml	yrs	fcj	ys	sa	.....	ml	.....
<i>Scarlet Nonpareil (Eng.?)</i> NEF32. Syn. New Scarlet Nonpareil	Eng.?	robc	m	wrs	tj	yw	sa	vg	m	From Hogg.
<i>Scarlet Nonpareil (Ohio)</i>	Ohio	obc	s	rs	.....	ws	sa	g	e	.....
<i>Scarlet Pearmain.</i> GarCal. Syns. Bell's Scarlet Pearmain, Oxford Peach, Sigler's Red?	Eng	c	m	ytrsc	cj	.....	sa	vg	me	.....
<i>Scarlet Pearmain</i> (incorrectly). E. GenF33. Syn. of Long Red	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Scarlet Porfume.</i> Syn. of Cole.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Scarlet Pippin</i> (Eng.). L. Syn. Scarlet Golden Pippin.	Eng	.....	.....	.....	.....	.....	.....	.....	vl	Not described.

Rus.	rob	l	drs	j	w	a	g	.....	me	Apparently distinct from Schroder. Not described.
Schroeder , SDH76. Syns. Tuttle's Charlamoff, Upright Charlamoff.....										
Schull , FDNCo										
Schuyler , L. Syn. Schuyler's Sweet	rob	l	py	unj	w	s	g-vg		m	
Schuyler's Sweet , A71. Syn. of Schuyler										
Schuyler Apple , D. Syn. of Pittsburg										
Setolo , L. Syn. Setolo Beauty	ro	ms	wys	tj	w	psa	g		vl	
Setolo Beauty , D. Syn. of Setolo										
Setolka Sladkaya , Gb. Syn. of Green Sweet										
Setolka , Gb. Syn. of Zelenka										
Scalloped Gilliflower , D. Syn. of Scallop Gilliflower										
Scalloped Gilliflower , D. Syns. Five Quartered Gilliflower, Gilliflower Scalloped, Jellyflower, Red Gilliflower (erroneously), Ribbed Gilliflower, Scalloped Gilliflower, Scalloped Gilliflower, Striped Gilliflower.	rc	ml	pyrs	fj	y	sa	g	k	ml	
Scotch Harvest , Gen'61										
Scotch Bridget , D. Syn. of Bridget										
Scotch Red , P'93.....	robl	m	r	c	w	s	g	dm	me	
Scotch Virgin , D. Syn. of Virgin										
Scott , L. Syn. Scott's Best										
Scott , D. Syn. of Baker	rob	ml	yrs	fj	w	sa	g-vg		m	
Scott's Best , D. Syn. of Primat										
Scott's Cluster , R. Syn. Scott's Cluster										
Scott's Cluster , SCEXR'98. Syn. of Scott Cluster										
Scott's Winter , (LC). Syns. Scott's Winter, Wilcox's Winter	rc	m	rs			a	g	mk	vl	Do. Possibly another apple with same name.
Scott's Winter , MHSc77. Syn. of Scott Winter										
Scribner , L. Syn. Scribner Spitzenburgh										
Scribner Spitzenburgh , AmF'59. Syn. of Scribner	rc	m	pyrs	ctj	wy	sa	g-vg		l	
Serinka , Gb. Syn. of Serinka										
Serivener , L. Syn. Serivener's Red	roble	m	rs	j		r		c	m	
Serivener's Red , C. Syn. of Serivener										
Serivener's Crab , Magoff'37. Syn. of Redstreak										
Serivener's Crab , E. Syn. of Redstreak		s	rs							
Scullins , R. Syn. Scullins Summer										
Scullins Summer , Antlar'88. Syn. of Scullins										
Seaconk , L. Syn. Seaconk Sweet	roble	m	rs	c	w	s	g		vl	
Seaconk Sweet , D. Syn. of Seaconk										
Seaford , P'95.....	r	m	yrs	fj	gy	rsa	vg		l	
Seager (Pa.), T.....	obe	m	pyrs	tj	w	rsa	g-vg		me	Perhaps identical with Seager of N. J.?
Seager (N. J.), A'60.....	rc	l	yrs	fj	yw	sa	g-vg	dk	me	Do.
Seager , D. Syn. of Townsend										
Seago , D. Syn. of Mangum										
Seal , P'95.....										
Seaman , L. Syn. Seaman's Sweet	rob	m	yrs	fj	y	msa	vg		l	
Seaman's Sweet , D. Syn. of Seaman	rob	m	wrs	j	w	s	g	k	m	
Seaver , W. Syns. Can of Cox (Probably of Cole), Grafton Sweet, Seaver Sweet, Winter Sweeting.	roble	m	yb	tj	y	s	g		ml	Perhaps two distinct varieties.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Seavers, A'91	Iowa?										
<i>Seaver Sared</i> , NEF'26, Syn. of Seaver											
<i>Seerist</i> , L., Syn. Seerist's	Ind.	ob	l	y			s	vg	m	l	Probably differs from Seaver, of Warder.
<i>Seerist's</i> , W., Syn. of Seerist	Ind?	rob	l	ys	ajt	y	sa	vg			
<i>Seawick</i> , W., RN'71	Ind?	obr	ms	gyb		w	msa	vg		m	
<i>Seawick</i> , V. G., D.	Va.		m				sa	g		l	
<i>Seawick</i> , V. G., AmCar'90, Syn. Seedless Apple											
<i>Seawick</i> , V. G., TVM, Syn. of Seedless (Va.)											
<i>Seedless and Coreless</i> , Cat.											Not described.
<i>Seedling, Butler's Red</i> , BBL											
<i>Seedling, Butler's Yellow</i> , BBL											
<i>Seedling from L. F. Fay</i> , MagofH'52, Syn. of Fay (Seedling)											
<i>Seedling from N. A. Haven</i> , MagofH'52, Syn. of Ledge											
<i>Seedling from A. A. Mullett</i> , H., Syn. of Mullett											
<i>Seedling Gilpin</i> , W., Syn. of Gilpin (Seedling)											
<i>Seedling Janet</i> , W., Syn. of Janet Seedling											
<i>Seedling Navegaid</i> , W., Syn. of Neverfail Seedling											
<i>Seedling of Kinnard</i> , BBL											
<i>Seedling of Stark</i> , BBL											
<i>Seedling Paul</i> , W.											
Seedling, Pomme d'Apl. , A'73	Va.	ob	m	yr		yw		vg-b	d	l	
<i>Seed of Red Apple</i> , BBL											
<i>Seedling Rambo</i> , A'Hort'70, Syn. of Campbell											
<i>Seckville Sued</i> , D., Syn. of Yankee Spy											
<i>Seckno-further</i> , MagofH'48, Syn. of Keler											
<i>Seckno-further</i> , C., Syn. of Rambo											
<i>Seckno-further</i> , C., Syn. of Wainfield											
<i>Seckno-further, New England Red</i> , Lin., Syn. of Westfield											
<i>Seckno-further of Autumn</i> , K., Syn. of Watson											
<i>Seckno-further of Quac</i> , D., Syn. of Green Seckno-further											
<i>Seckno-further</i> (of some), D., Syn. of Vanderspiegel											
<i>Seckno-further</i> (of some erroneously), E., Syn. of Cooper											
<i>Seckno-further-Westchester</i> , W., Syn. of Ferris (N. Y.)											
<i>Seckno-further-Westfield</i> , W., Syn. of Westfield											
Seck-no-further White , H.		ob	l	yw			sa	vg		m	
<i>Seck-no-further Winter</i> , GenF'33, Syn. of Fall Seckno-further											
<i>Seck-no-further White</i> , H., Syn. of Green Seckno-further											
Seever , E., Syns. Seavers, Seever's Redstreak, Seever's Seedling	Ohio.	r	m	pyrs	j	y	sa	vg		m	Probably distinct from Seaver, of Warder.

[illegible]

[illegible]

[illegible]

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Sops in Wine.</i> E. Syn. of Sops-of-Wine.	Eur....	r	m	ys	m	ws	psa	g	d	me	
<i>Sops-of-Wine.</i> D. Syns. Bell's Early, Bell's Favorite, Bennington, Dodge's Early Red, Early Washington, Hominy, Red Shropshirevine, Red Shropshirevine, Sapson, Shropshirevine, Sops in Wine, Striped Shropshire, Washington, Williams' Favorite (erroneously), Worden's Pie Apple.											
<i>Sorree.</i> A 95. [Probably same as Soiree.]	Minn...	r	l	y	fc	y	a		k	m	
<i>Sosrejeer.</i> D. Syn. of Champlain.											
<i>Sudordika.</i> Gb. Syn. of Zolotaref.		re	m	yebm	gc	w	bsa	vg		l	
<i>Soussion.</i> L. Syn. Soussion Russet.											
<i>Soussion Red.</i> D. Syn. of Soussion.	Mo....	obc	ml	wrs	vij	w	sa	vg		m	
<i>Southern Golden.</i> L. Syn. of Southern Golden.	N.Y.?	re	m	y		w	bsa	g	k	m	Not described. Possibly identical with Champlain.
<i>Sour Bough.</i> D.											
<i>Sour Bough.</i> D. Syn. of Champlain.											
<i>Sour Bough.</i> D. Syn. of Summer Pippin.											
<i>Sour Bough</i> (of some). D. Syn. of Tart Bough.											
<i>Sour Harvest.</i> D. Syn. of Primate.	Ohio.										
<i>Sour Rambo.</i> W.											
<i>Sour Sweet.</i> R. Syn. Sour Sweeting.											
<i>Sour Sweeting.</i> Gen F 32. Syn. of Sour Sweet.											
<i>Sour Turnip.</i> Gb. Syn. of Acid Repka.											
<i>Southern Fall Pippin.</i> D. Syn. of Buncombe.	South.	r	y				sa				
<i>Southern Golden.</i> L. Syn. Southern Golden Pippin.											
<i>Southern Golden Pippin.</i> D. Syn. of Green Cheese.											
<i>Southern Golden Pippin.</i> W. Syn. of Southern Golden.	Ga....	ob	m	y			sa			l	
<i>Southern Greening.</i> W.											
<i>Southern Greening.</i> D. Syn. of Green Cheese.											
<i>Southern Home.</i> CAT. Syn. Home Valdevere.											
<i>Southern King.</i> Mich B.											
<i>Southern King.</i> D.	N.C....	ob	s	wbc	tj	y	ma	vg		m	
<i>Southern Lincolnton.</i> TEX B.											
<i>Southern Mammoth.</i> BAC		r	l	rs	vf	y		vg		ml	
<i>Southern Parnall.</i> 111B45											
<i>Southern Pennock.</i> 111B45											
<i>Southern Porter.</i> A 77. Syns. Fall, Hog Pen, Jones Kidd, Long, Porter.	S.C....	re	m	y	tj	w	rsa			me	
<i>Southern Queen.</i> 111B45											

Not described.
Do.

This may be Green Cheese.

This may also be Green Cheese.

Not described.
Do.

Do.
Cultivated in west Tennessee.
Not described.
Do.

Do.

[illegible]

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	T'se.	Season.	Remarks.
					Texture.	Color.					
Stummer. R. Syn. Stummer Pippin.....		obc	m	gr	fr		sa			1	This and Stummer may be identical.
Stumper Pippin. CanExR'96. Syn. of Stummer											
Stump (N. Y.). Dap	N. Y.	robic	ms	wsc	tfj	w	psa	g-vg		m	
Stump (Del.?). D	Del.?	ob	m	yb	cjt	w	sa	g		m	
Stump (incorrectly). Dap											
Stump the World. MontB12											
Stupa. Gb. Syns. Gov. list No. 27, Stoupa	Rus.										Not described.
Sturrah. Cat.											Do.
Sturmer. L. Syn. Stummer Pippin	Eng.	obc	ms	ybc	c		rsa	g		vl	This and Stummer may be the same.
Sturmer Pippin. K. Syn. of Stummer											
Stymer's. A HortA'69. Syn. of Styms											
Stymus. A'67. Syn. Stymer's	N. Y.	obc	m	rys	tfj	w	sa	vg		m	
Styre. C. Syn. Forest Styre	Eng.	r	m	py	f		a	g	e	ml	
Styre. D. Syn. of Forest Styre											
Sudbury. L. Syns. Sudbury Sweet, Sudbury Sweeting	Mass.?	rc	m	rys	mtj	w	rs	g		ml	
Sudbury Sweet. D. Syn. of Sudbury											
Sudbury Sweeting. MagotH'42. Syn. of Sudbury											
Sudley. R. Syn. Lady Sudley											
Sudlow. R. Syns. Franklin's Golden Pippin, Sudlow's Fall Pippin	Am.	rc	m	y	cj	yw	rsa	g-vg		m	
Sudlow's Fall Pippin. GenP'33. Syn. of Sudlow											
Sudlow's. L. Syn. Lord Suffield	Eng.	c	ml	gyb	ft	w	bsa		k	me	Not described.
Suffield. L. Syn. Lord Suffield	Eng.	rob	m	ywu		w	sa			me	From Hogg.
Suffolk. L. Syn. Suffolk Beauty	N. Y.										
Suffolk Beauty. GarM'66. Syn. of Suffolk											
Sugar. W		c	l	y			s	p		l	
Sugar and Brandy. D	Eng.	rc	m	yb	j	vy	vs			me	
Sugar and Water. W	Ohio	c	m	rs	s		vs	p		m	
Sugar Bail. N. C.		ob	ml	y	t					me	
Sugar Baked. Gb. Syn. of Sugar Miron	Pa.	obl		y			su				
Sugar Leaf. W. Syns. Sugar Leaf Greenleaf, Sugar Leaf Pippin											
Sugar Leaf Greenleaf. F. Syn. of Sugarleaf											
Sugar Leaf Pippin. D. Syn. Hatching's Seedling	Eng.	oble	m	yw	tfj	w	ma	g		e	
Sugar Leaf Pippin. GenP'33. Syn. of Sugarleaf											
Sugar Miron. Gb. Syns. Gov. list No. 368, Miron Sacharni, Miron Sacharni, Rgl. to Ia. No. 151, Sugar Barbel.	Rus.	obe	ml	y			sa	g			
Sugar Pippin. Cat											
Sugar Sweet (Mass.). D	Mass.	robic	l	yb	fr	w	s	g		l	Not described.
Sugar Sweet (Rus.). Gb. Syns. Gov. list No. 217, Sacharnoc	Rus.										Do.
Suisse. D. Syns. Pomme de Perroquet, Pomme Rubanee, Pomme Suisse.	Fr.?	rc	ml	grs	tmj	w	sa	g			

[illegible]

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Sweet Harvest.</i> D. Syn. of Bough.											
<i>Sweet Harven.</i> D. Syn. of Sweet Vanderveere.											
<i>Sweethead.</i> IllH'99.		rc	l	ys			s			e	
<i>Sweetheart.</i> R. Syn. Early Sweetheart.	Mo	rob	l	y	tmj	y	msa	vg-b	dm	v	This may be Bough.
<i>Sweet Home.</i> D. Syn. of Dulce Doman (Domum'L.)											
<i>Sweeting.</i> F. Syn. of Golden Sweet.											
<i>Sweeting, Wall's.</i> D. Syn. of Wells Sweet.											
<i>Sweet Janet.</i> W. Syn. Sweet Genet.	Ind.	rc	l	ysc	j	y	bs	g	km	ml	A seedling of Ralls.
<i>Sweet Jersey.</i> D. Syn. of Hampton Late											
<i>Sweet Jonathan.</i> D. IllH'97.			m	dr			s	vg		l	
<i>Sweet June.</i> IndF'40. Syn. of Hightop Sweet.											
<i>Sweet June.</i> IndF'40. Syn. of Hightop Sweet.											
<i>Sweet King.</i> D. Cal.	N.Y.	rc	m	ys	tj	w	s	g-vg		ml	
<i>Sweet Lambertwig.</i> TennBX-1. Syn. of Harpole.											
<i>Sweet Landon.</i> IndF'41. Syn. of London Sweet.											
<i>Sweet Longfield.</i> IaB3.	Rus.	oble	l	yb	fr	w	s	vg	dk	mc	Hansen says name changed from Kursk Requette.
<i>Sweet Luman's Pumpkin.</i> Lin. Syn. of Pumpkin Sweet (Cl.)											
<i>Sweet Maiden's Blush.</i> D. Syn. of Campfield											
<i>Sweet Maiden's Blush.</i> D. Syn. of Griffith	Tenn.	rc	ml	wy	tj	yw	s			me	
<i>Sweet Mary.</i> MagodH'57.	Ind.	c	ms	ru	t	y	vs	vg	k	ml	
<i>Sweetmeats.</i> A'56.							sa	g			
<i>Sweet Mensk.</i> Gb. Synus Gov. list No. 595, Mzenskoe Sladkoe, Mzenskoe Sweet, Shro. to Ia. No. 49.	Rus.	robl	vl	rs							Origin, Putnam Co., Ind., from seed of Pryor.
<i>Sweet Miron.</i> MHSc'86.											
<i>Sweet Moscow.</i> SDB'76.	Rus.	rc	ms	gy	f	w	vs	vg		me	Not described.
<i>Sweet Mother.</i> AJoH'77.	Mass.		m	r	t	w	s	g		ml	Name suggested for one from which label was lost.
<i>Sweet Mushroom.</i> Gb. Syn. of Sweet Borovinka.											
<i>Sweet Nonsuch.</i> NWFG'52. Syn. of Sweet Romanite											
<i>Sweet Orange.</i> F'95.											
<i>Sweet Pear (Ind.).</i> GGen'61	Ark.	ob	ml	py	vej	y	s	g		l	
<i>Sweet Pear (Ohio).</i> D.	Ind.	c	m	yb	tj	w	s	vg	dk	m	
<i>Sweet Pear (Rus.).</i> D.	Ohio.	rc	sm	yb	j		s	g		m	
<i>Sweet Petchka Sladkaja.</i> Gb. Syn. Gov. list No. 965, Gruscheffka Sladkaja, Gruscheffka Sladkaja.	Rus.	rob								ml	
<i>Sweet Petchka Sladkaja.</i> D. Syn. of Sweet Winesap	Ohio.	rc	m	rs	jt	w	brs	vg		vl	
<i>Sweet Pennock.</i> L. Syn. Sweet Winter Pennock.	Ohio.	rob	ml	rs			s	p		ml	

Sweet Pine. Hort ⁵⁹ . [Mentioned by T. McWhorter, of Ill.]	Rus....	oblc	m	yw	fj	w	s	g	m	Not described.
Sweet Pipka. Gb. Syns. Gov. list No. 321, Gov. list No. 406, Pipka Sacharnaja, Pipka Sacharnaia, Pipka Sladkaja, Pipka Sladkaya, Saccharine Pipka, Sweet Cinnamon.										Probably distinct from Moore Sweet.
Sweet Pipkin. C. Syns. Moore's Sweeting, Pound Sweet of some West, Red Sweet Pipkin of Indiana.		rob	m	yrb	fmj		s	g	ml	
Sweet Pippin. D. Syn. of Hog Island.										
Sweet Pippin. D. Syn. of Moore Sweet.										
Sweet Pippin. IaB31. Syn. of Sweet Pipka.	Rus....									
Sweet Prolific. Gb. Syns. Plodovitka Sladkaya, Shro. to Ia. No. 73.	Pa....	oblc	l	wrs	t	w	ps	p	m	
Sweet Queen. D. Syn. Dale's Sweet Fall Queen.	Pa....	rob	m	yrs	j	w	ps	g-vg	m	
Sweet Rambo. D.										Not described
Sweet Rambou (incorrectly). A 77. Syn. of Grosh.										
Sweet Redstreak. D. Syn. of Sweet Vandervere.										
Sweet Rhode Island Greening. Dap. Syn. of New Greening. [Probably identical with Curtis Greening.]										
Sweet Ribbed Gullflower. D.	Conn....	rob	l	rs	cmj	w	s	g	m	
Sweet Romanite. D. Syns. Orange Sweet (erroneously), Red Winter Sweet, Sweet Nonsuch.		rob	m	gyrs	tj	yw	rs	g-vg	ml	
Sweet Russet (1). Wgr. Syn. Summer Russet.										
Sweet Russet (2). D.	Mass....	rob	s	yru	vij	w	rs	vg	me	
Sweet Russet (3). D. Syn. Sweet Russet of Kentucky.		ob	m	yru	t	w	rs	g	ml	
Sweet Russet. D. Syn. of Cheesboro.		oblc	s	ru	f	yw	s	p	ml	
Sweet Russet. D. Syn. of Pumpkin Russet.										
Sweet Russet. T. Syn. of Pumpkin Sweet.										
Sweet Russet of Kentucky. W. Syn. of Sweet Russet (3).										
Sweet Russet of Ohio. W. Syn. of Pumpkin Sweet.										
Sweet Russet (of some erroneously). D. Syn. of Spice Russet.										This is probably the Sweet Janet.
Sweet Seedling. H.	Ind....									
Sweet Secknoffurther. D.	N. H....	rc	ml	ygb	fj		s	g	vl	
Sweet Secknoffurther. D. Syn. of Goble.										
Sweet Spice. L. Syn. Red Sweet Spice.	Ohio....	ob	s	rs			s	g	m	
Sweet Spice. Lin. Syn. of Spice Sweet.										
Sweet Spitzenburg. CAG.										
Sweet Sponge. W.	Ohio? ²	ob	m	r	t	w	s	g	vl	
Sweet Streaked. Gb. Syns. Gov. list No. 196, Polosatka Sladkaya, Polosatke Sladkoe, Polosatke Sladskoe, Shro. to Ia. No. 77, Streaked Sweet.	Rus....		m	yw			s	g	e	
Sweet Stripe. MHSc ⁸⁶ .										Not described.
Sweet Swaar. D. Syn. of Autumn Swaar.	Rus....	obe	m	grs		w	s		me	
Sweet Vandervere. D. Syns. Red Winter Sweet, Sweet Harvey, Sweet Redstreak.	West....	rob	m	yrs	tjm		s	g	ml	
Sweet Wealthy. SDE76.	Minn....	r	m	gyrs	fj	w	ps	vg	m	
Sweet Willie. D. Syn. of Willie.										
Sweet Wine. Hort ⁶² .	Ohio....	r	s	rs			s	g	m	
Sweet Wine. D. Syn. of Fall Wine.										
Sweet Winesap. D. Syns. Henrick Sweet, Henry Sweet, Ladies' Sweet (of some), Red Sweet Winesap, Sweet Pearmain (of some).	Pa....	obe	m	rc	tj		rs	g-vg	l	
Sweet Winesap. CAGCo. Syn. of Hendricks.										
Sweet Winter. Magoff ³⁸ .										
Sweet Winter Nonsuch. FDNCo.		r	m	grs	f		s	g	l	
										Not described.

[illegible]

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904.—Continued.

Name of apple.	Orign.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Taunton Golden. L. Syn. Taunton Golden Pippin.	Eng.	r	m	yr	fc	y	ss			l	From Hogg.
<i>Taunton Golden Pippin.</i> D. Syn. of Taunton Golden											
Taunton Maid. L. Syn. Fair Maid of Taunton	Eng.	rob	s	pyb	tj	yw	ss			l	Do.
Taylor. IIIH'95. Syn. Taylor Red	Ohio.	ob	m	rs			ss	g	m		Not described.
Taylor Garden. R. Syn. Taylor's Garden							ss	g-vg	dk	e	
<i>Taylor's Garden.</i> IIIH'69. Syn. of Taylor Garden											
Taylor's Harvest. L. Syn. Taylor's Harvest		rob	ml	y							
<i>Taylor's Harvest.</i> IIIH'45. Syn. of Taylor Harvest											
Taylor Red. W. Syn. of Taylor	Eng.										Do.
Taylor Seedling. R. Syn. Taylor's Seedling. [Highly commended by The Horticulturist.]											Do.
<i>Taylor's Seedling.</i> Hort'58. Syn. of Taylor Seedling											Do.
Taylor Winter. L. Syn. Taylor's Winter											Do.
<i>Taylor's Winter.</i> Cal. Syn. of Taylor Winter											Do.
Tazewell. R. Syn. Tazewell Seedling	Ill?										Do.
<i>Tazewell.</i> BBL. Syn. of Tazewell											
Tchadokhane. Gb. Syn. of Overkoning											
<i>Tchadokhane.</i> Gb. Syn. of Overkoning											
Tchirukassae. Gb. Syn. of Redblack											
<i>Tchirukassae.</i> Gb. Syn. of Redblack											
Tchutichang. Gb.											
<i>Tchutichang.</i> Gb. Syn. of Stranger (green)											Do.
Tchutichane. Gb. Syn. of Aromatic (Gibb)											Do.
Tecumseh. BBL.											Do.
<i>Tecumseh.</i> BBL. Syn. of Timmouth											Do.
Teller. L. Syn. Teller's Sweet											Do.
<i>Teller's Sweet.</i> BBL. Syn. of Teller							s			l	Do.
Teller. BBL.											Do.
Templeton. R. Syn. Templeton Winter Sweet											Do.
<i>Templeton Winter Sweet.</i> Magoh'38. Syn. of Templeton											Do.
Templation. Cal.	S. C.	rc	ms	ys	tw	y	psa	g-vg	d	ml	Do.
<i>Templation.</i> Cal. Syn. of Ben Davis											Do.
Tenta Red. D. Syn. of Tenderskin											Do.
<i>Tenta Red.</i> W. Syn. of Tenderskin											Do.
Tender Skin. W. Syn. of Tenderskin											Do.
<i>Tender Skin.</i> W. Syn. of Tenderskin											Do.
Tender Sweet. Cal.											Do.
<i>Tender Sweet.</i> Cal. Syn. of Magoh'43											Do.
Tenkassen. Cal.											Do.
<i>Tenkassen.</i> Cal. Syn. of Early Strawberry											Do.
Tennessee Mammoth. A 97. Syn. of Gloria Mundi	Tenn.	c	m	rs			s	g		m	Do.
<i>Tennessee Mammoth.</i> W. Syn. of Gloria Mundi	Tenn.	obl	m	rs			sa	g		l	Do.
Tennessee Wilding. W.											Do.
<i>Tennessee Wilding.</i> W. Syn. of Belle et Bonne. [Probably Belle Bonnet.]											Do.
Ten Hills. D. Syn. of Belle et Bonne. [Probably Belle Bonnet.]											Do.
Ten Shillings. D.		rob	m	gyru	t	yw	sa			m	From Hogg.

Eng.?	r	m	ygrs	tcj	gw	bsa	.....	ml	Do
Tenterton , L. Syn. Tenterton Park <i>Tenterton Park</i> , G. F. Egg. Syn. of Tenterton.									
Terral , R. Syns. Terral's Late, Terral's Late, Terral, Terral's Late.	obl	l	wrs	tj	w	psa	g	m	
Terrall , B. B. Syn. of Terral									
Terrall's Late , W. Syn. of Terral									
Terry , A. 97. IIIH'86. Syn. of Terral	re	s	yt		y	bsa	vg-b	l	
Terry's Redstreak , D. Syn. of Rambo									
Terry's Winter , P. B. Syn. of Terry									
Terwilliger , F. H. C. Syn. Terwilliger's Favorite		m					vg	vl	
Terwilliger's Favorite , A. 83. Syn. of Terwilliger									
Teschinka , Gb. Syn. of Leilaika									
Tetolsky , Col. X. R'88. [This is probably Tetolski]									
Tetolskyne , Gb. Syn. of Red Titka									
Tetolski , W. Syns. Russian Crab, Tetolsky	robr	m	yrs	j	w	a	g	me	
Tetolski (erroneously), D. Syn. of July									
Tetolsky , Lin. Syn. of Tetolski									
Tetolska , IIIH'86. [This may be Tetolski]									
Tuebner , R. Syn. Tuebner's, [This and Tuebner doubtless the same].									
Tuebner's , MolH'88. Syn. of Tuebner									
Tuebner's Cider , A. 67. Syn. of Tuebner Cider. [This and Tuebner doubtless the same.]									
Tuebner's Golden , A. 67. Syn. of Tuebner Golden. [Probably a misprint. See Downing.]									
Tuechat , L. Syns. Chucked Egg, Summer Tuechat Egg, Tuechat's Egg.	oble	ms	pyrs	tj		psa?		me	
Tuechat's Egg , D. Syn. of Tuechat									
Tuehat Sweet , W. Syn. of Trambull									
Tuehat Sweet , E. Syn. of Trambull									
Tuekoe , Cal. Syn. of Fink's seedling, Tewksbury Blush, Tewksbury	ob	s	yb	j	y	sa	vg	d	
Tewksbury , L. Syns. Fink's seedling, Tewksbury Blush, Tewksbury									
Tewksbury Blush , B. B. Syn. of Tewksbury									
Tewksbury Blush , Lin. Syn. of Tewksbury									
Tewksbury Winter Blush , C. Syn. of Tewksbury									
Texas , L. Syn. Pride of Texas	re	m	y			sa	g	vl	
Texas Dwarf , Cal. Syn. of Running									
Texas Red , T. V. M. Syn. of Running		l	rs				g	l	
Texas Red , Dan. Syn. of Winesap									
Thaler , Gb. Syns. Charlottenthaler, Charlottenthaler Gelber, Charlottenthaler jeltos, Gov. List No. 342, Charlottenthaler Golba, Shro. to Ia. No. 147.									
The Cook , L. Syn. The Cook's Favorite.	obe	m	y			sa	g	k	
The Cook's Favorite , W. Syn. of The Cook									
The Guld , B. B. Syn. of Them	r	m	grs			a		l	
Them , L. Syn. Them's Red Streak									
Them's Red Streak , MagoffH'44. Syn. of Them	rob	l	ywr					ml	
The Queen , AndX. Syn. of Revell									
The Revell , Gb. Syn. of Revell									
The Silver Apple , F. Syn. of Silverstar									
Thicket , D. Syn. of Cluster Golden.									

Not described.

This is Warder's spelling.
It is doubtless correct.Not described.
Do.

From Hogg.

Not described.

Do.

Do.

Do.

<i>Tunkowetka pototskaja</i> . Gb. Syn. of Thintwig.	re	l	gyb	t	gw	bsa	g	k	m	
Toole. L. Syn. Toole's Indian Rareripe.										
Toole's Indian Rareripe. D. Syn. of Toole.	Va.	ob	ts			sa	p			
Total. W.	Conn.?									
Torrington. R. Syn. Torrington Pounder.	Mass.			vf					vl	
Torrington Pounder. Magoff 47. Syn. of Torrington.										
Tough. Nef 49.										
Toule. L. Syn. Marie Pinel de la Toule.	Hol.	ms	t	w		sa				
Tourmay. L. Syn. Court Pendu de Tourmay, Reimette d'Orleans.	Eng.?	r	m	tj	y	bsa		k	vl	
Tower. L. Syn. Tower's Glory.										
Tower of Glammis. D. Syn. of Tower.										
Tower of Glammis. GenF 33. Syn. of Glammis.										
Towne. A 62.										
Town House. Pap. Syn. of Burlington Pipkin.	Pa.	obc	m	pyts	t	sa	g-vg	d	me	
Townsend. AmF 53. Syn. Hocking Seager.										
Townsend. T. Syn. of Hocking.	Eng.	rob	l	yb	tj	a		k	vl	
Townsend Beauty. L. Syn. Townsend's Smiling Beauty.										
Townsend's Smiling Beauty. D. Syn. of Townsend Beauty.										
Tracy. L. Syn. Tracy's Favorite.	Pa.	rob	m	gyts	etj	sa	g-vg	km	vl	
Tracy's Favorite. IIIH 01. Syn. of Tracy.										
Trader. L. Syn. Trader's Fancy.										
Trader's Fancy. D. Syn. of Trader.										
Trader Red. R. Syn. Trader's Red.		ob	m	g			vg		l	
Trader's Red. IIIH 45. Syn. of Trader Red.										
Tranham. W. [Probably a synonym of Nickajack.]	South.									
Transparent Seedling. SDB 76.										
Transparent. Gb. Syn. Shro. to Ia. No. 110, Skvosneema.	Rus.	ob		yw		s				
Transparent. W.										
Transparent. MimB 83. Syn. of Yellow Transparent.										
Transparent Apple of the Crimea. Nef 93. Syn. of Yellow Transparent.	Rus.									
Transparent Astrachan. Gb. Syn. Astrachanskoe skvasnoe, Astrachanskoe Skvasnoe.										
Transparent Codlin. D. BBL.		robic	m	pyb	tj	s			me	
Transparent de Croncelles.										
Transparent de Moscone. K. Syn. of White Astrachan.										
Transparent de Zurich. D. Syn. of Zurich.										
Transparent Juice. Gb. Syn. of Transparent Nally.										
Transparent Nally. Gb. Syn. Gov. list No. 153, Skvasnol Nalin, Skvosnol Nally. Transparent Juice.	Rus.									
Transparent Pipkin. D. Syn. of Wick.										
Transparent Zoot. T.	Ohio.	ob	l	wh	vtj	sa	vg	d	m	
Traveler. IndF 40.	Ind.	rob	ml	wyb	tj	msa	g-vg	dk	ml	
Traveler. Shro.	For.						e		e	
Traveler's. GenF 33. Syn. of Ribston.										
Treadle Hole. D. Syn. of Trumpeter.										
Treechshrominoe. Gb. Syn. of Overflowing.										
Trenham. D. Syn. of Nickajack.										
Trenton. CanH 99.										
Trenton Early. IndF 40. Syn. Codling, English Codlin.										
Trenton Early. E. Syn. of Golden Sweet.										
Trenton Early. D. Syn. of Old Codlin.		obc	ml	yg	vt	sa	g	dk	me	
Trenton Pipkin. W.	Ohio.	c	m	y						

Do.
From Annals of Pomology.
From Hogg.

Not described.

From Hogg.

Not described.

Do.

Do.

May possibly be White Astrachan.
From Lindley.
Not described.

Do.

Do.

N. C.	robl	vl	yrs	tj	y	su	vg	dm	l
Vanhoj. NCBI49. Syn. Van Hoy No Core									
<i>Van Hoj No Core</i> N.Y.L.									
<i>Van Hoj's Seed</i> Dap.									
<i>Van Hoj's Seed</i> MagH153									
Van Mons. L. Syns. Reineette Van Mons, Van Mons Reineette.									
<i>Van Mons Reineette</i> D. Syn. of Van Mons		s	yru		y	rsu	vg		l
Vanux. EBL [Probably same as Vanhoj.]									
<i>Vanux</i> Cui									
Van Spilke. R. Syn. Vanswick's Saved									
<i>Vanswick's Seed</i> Oreg22. Syn. of Vanswick									
<i>Vanswick</i> domEnc. Syn. of Granulivulke									
Vargul. MH581. Syns Gay list No. 277. Shro. to Ia. No. 16, Wargul									
<i>Vargul</i> MH581. Syn. Shro. to Ia. No. 12									
Vavick. D. Syn. of Democret									
<i>Vavick</i> D. Syn. of Democret									
Vavins Pippin. C. Syn. of Warren									
<i>Vavins Largest</i> Gb. Syn. of Basil (the Great)									
Vaslist. R. Syn. Vaslist largest. [Probably Basil (the Great)]									
<i>Vaslist largest</i> MinExt190. Syn. of Vaslist									
Vasilli. MH191. Syn. of Basil (the Great)									
<i>Vasilli Vaholi</i> Gb. Syn. of Basil (the Great)									
Vauglin. EBL									
<i>Vauglin Pippin.</i> L. Syns. Colonel Vaughn's, Vaughn's Pippin		c	s	yb	cj	ws	s		m
<i>Vauglin's Pippin.</i> D. Syn. of Vaughn's Pippin									
Vauglin's Winter. L. Syn. Vaughn's Winter		ob	m	wyrs	tjm	y	su	g	d
<i>Vauglin's Winter.</i> W. Syn. of Vaughn Winter									
Vaugnycau. D. Syn. Cadeau du General									
Vegers. R. Syn. Conquest de Vegers		rc	l	yrs	tj	w	su		l
Veineal. L. Syn. Veineal Russet									
<i>Veineal Russet.</i> W. Syn. of Veineal		r	s	ru			su	p	m
Vena Rosa. TaiH'00									
<i>Venus.</i> P93									
Veneta. P95									
Vermilion. R. Syn. Vermillion Royce		oble	l	yb	f	y	g		l
<i>Vermillion d'Er.</i> D. Syn. of Red Astrachan		ob	m	yssc	fj	y	vg		l
Vermillion Royce. D. Syn. of Vermilion		robe	m	yrs	cj	y	bsu	vg	
Vermont. T. Syn. of Champlain. [Probably Watworth. See A 52, 60.]									
Vermont. E. Syn. of Walworth (?).									
Vermont Beauty. AHort148		robe	vl	y	ft	y	r	vg	me
<i>Vermont Pippin.</i> D. Syn. of Tinnouth									
<i>Vermont Pumpkin Sweet.</i> D. Syn. of Pumpkin Sweet									
Vermont Queening. IIIH'68									
Vermont Strawberry. AHort148		rob	vl	yrs	tj		su	vg	m
<i>Vermont Sweet.</i> s&w. Syn. of Pumpkin Sweet									
Vermont Winter. R. Syn. Vermont Winter Pippin									
<i>Vermont Winter Pippin.</i> A'81. Syn. of Vermont Winter									
Vernon. MagH153									
<i>Vernon.</i> R. Syn. Veroness Marmalade									
Vernesh Marmalade. TexB16. Syn. of Veroness									
Verplank. R. Syns. Verplank Golden Reineette, Verplank Golden Russet.									
<i>Verplank Golden Reineette.</i> N&PC'49. Syn. of Verplank									
<i>Verplank Golden Russet.</i> N&PC'49. Syn. of Verplank									
Versallaise. L. Syn. Versallaise Reineette.		rc	m	yru	tj	w	su	g-vg	ml

	Scot.	ob	m	yrs	tj	w	a	k	ml	From Hogg.
Virgln. MagoffH ⁷² . Syns. Scotch Virgin, White Virgin. <i>Virginia Apple</i> , P. syn. of Virginia Greening.	Va.	re	ml	gyrs ywb	tj cj	gy y	s a	v g d	l m	
Virginia Beauty , P. 47. Virginia Bunch , Virginia Chained , MagoffH ⁷² . Virginia Colored , DomBate. Virginia Crowned , Syns. Green Mountain Pippin, Ross Greening, Virginia Virginia Greening , Syns. Green Mountain Pippin, Apple, Virginia Pippin. Virginia July , IllB45.	Va.? . . . Vla? Miss? Vla? Ind? . . . Va. Vla?	ob ob } obc } r }	l l ml ml	gyb y gy yrs	e y y yrs	y sa s w	pst sa s a	km me k km	v l me me e	
Virginia June (Ind.). W. Syn. June Apple <i>Virginia June</i> , Dap. Syn. of Margaret Virginia May , W. <i>Virginia May</i> , Dap. Syn. of White Juncating Virginia Pippin , D. Syn. of Ben Davis Virginia Pippin , D. Syn. of Virginia Greening Virginia Pippin , IllB45. Syn. of Virginia Red Virginia Pippin , MagoffH ⁵³ . Syn. of Yellow Newtown. Virginia Quaker , W. Virginia Queen , DOM	Va. Vla? Vla? Vla? Vla? Vla? Vla?	r r obc ob ob re	s s m m	y y w tstr	y jc y f	yw y	sa sa sa bsa	g g g g	e e m d	Not described.
Virginia Red , R. Syns. Virginia Pippin, Virginia Red Pippin. <i>Virginia Red Pippin</i> , IllB45. Syn. of Virginia Red Virginia Red Streak , IllB45. Virginia Spice , D. Virginia Streak , R. Syn. Virginia Red Streak <i>Virginia Sweet</i> , D. Syn. of Marble <i>Virginia Sweet</i> , Dap. Syn. of Red and Green Virginia Sweeding , Cat Virginie , L. Syn. Bonne Virginie Virgin Sweet , MagoffH ⁷³ . <i>Vischnoe</i> , Gb. Syn. of Pendant Ear Visotskoe (<i>Visolskoe Rpt.</i>). Gb. Syn. of Visotskoe Visotskoe , Gb. Syns. Shro. to Ia. No. 130, Visotskoe (Visotskoe Rgt.) Visotskoe , M18C ⁶⁰ . Voichin , Gb. Syns. Tokus Apple, Fokinskoe, Gov. Ist No. 218, s. Wokin- skoe, Vochinskoe, Voehin's apple. <i>Voehin's Crimean</i> , Gb. Syn. of Crimean (Voehin) Voehinskie , Gb. Syn. of Voehin Volga , R. Syn. Volga Cross <i>Volga Cross</i> , IllB31. Syn. of Volga Volney , Dap. Voulet , L. Syn. Wilson's Volunteer Von Azelnia , MagoffH ⁷⁷ . <i>Von Azelnia</i> , Schrad. 49. Syn. of Aventurus Vorantuk , Syns. Gov. Ist No. 565, Vorantux, Wergunoks, Worgunok? Vorpanoz , SD876. Syn. of Vorigunok Vor. No. 9 , IllB31. Syn. of Early Sweet	Belg. Rus. Rus. Rus. Ill Ohio. Rus.	re ob ob rob rob	m m m ml	gyb f gy yb yrs gyrs	f f tj tj tj j	w w yw wy gy w	a a sa sa sa sa	g g v g g g g	m m v l v l l m	Do. From Album de Pomologie. Not described. Do. Do. Do. Do.

^a Hansen, in S. D. B. 76, 110, says, "This variety and Red Transparent, Count Orloff, Grand Sultan, Green Transparent, and Aromatic Spike No. 354 are identical, or very similar."

Not described.

No.

Do.
Do.

No.
No.

No.

Do.
Do.

Introduced in 1888 by James
Waters of California.

Not described.

From Lindley,

[illegible]

Warrior.	L.	Syn. Red Warrior	N. C.	rob	l	ps		su	g	dk	ml	
Warschauer.	Bh.	Syn. Gov. list No. 451, Vorsechtapel										Do.
Warsztan.	Gh.	Syn. Gov. list No. 451, Vorsechtapel										Do.
Wart.	Syn.	Wart's Early.										Do.
Wart's Early.	MagoH 44.	Syn. of Wart										
Watford's Golden Pippin.	D.	Syn. of Golden Pippin (Eng.)										
Watford's Golden Pippin.	D.	Syn. of Wyck	N. Y.						g		me	Do.
Washington.	A 36											Do.
Washington.	D.	Syn. of Sops-of-Wine										Do.
Washington (inverted).	D.	Syn. of Rough										Do.
Washington of Maine.	Dap.	Syn. of Washington Strawberry										Do.
Washington Pearmain.	D.	Syn. of Black Detroit										Do.
Washington Pearmain.	NF 530.	Syn. of Red Canada										Do.
Washington Royal.	D.	Syn. Palmer Greening	Mass.	rob	ml	ygb yrse	cl clj	w su	g-vg vg	d	cl	Do.
Washington Royal.	D.	Syn. Jambata, Washington of Maine.	N. Y.	rob	ms	yb	clj	ps	g		m	Do.
Washington Sweet.	D.		Mass.	rob								Do.
Washington White.	WVaB 75											Do.
Waskaroc.	Cal.											Do.
Wasson.	R.	Syn. Round Wasson										Do.
Wasson.	WBE 3											Do.
Watfall's Watling.	Gh.	Syn. of Biel (the Great)										Do.
Watanga.	TennEX 1.		Tenn.	rob	l		clj	w	su	vg	d	Do.
Watch Apple.	GenF 33.	Syn. of Gambusethan	Pa.									Do.
Watch Willow.	A 62		Pa.									Do.
Water.	A 54											Do.
Waterhouse.	A 75.	Syn. of Ben Davis.										Do.
Waterhouse.	Moh 73.	Syn. of Thurman.										Do.
Waterhouse.	W											Do.
Waterman.	L.	Syn. Waterman's Sweet	South	ob	m	ps						Do.
Waterman's Sweet.	D.	Syn. of Waterman		ob	m	yrse	clj	y	g		l	Do.
Watermelon.	Gh.	Syn. Arbuzovskoe, Gov. list No. 551.	Rus.									Do.
Watermelon.	No. 43.											Do.
Watermelon.	D.	Syn. of Hare										Do.
Watermelon.	Cole.	Syn. of Melon										Do.
Water Pippin.	R.	Syn. Water's Pippin.										Do.
Water's Pippin.	Asst.	Syn. of Water Pippin										Do.
Waterwonder.	KanEX 91.											Do.
Watkins's Apple.	E.	Syn. of Summer Pearmain										Do.
Watrous.	1814.											Do.
Watrous's Dumpling.	D.	Syn. of Dumpling										Do.
Watson.	L.	Syn. Autumn Pearmain, Autumn Seek no further, Doctor	Pa?	ob	m	gwrse	fj	wy	rsu	vg	d	Do.
Watson.	English Summer Pearmain, Royal Pearmain, Seek no further of		Ind?									Do.
Watson.	Sieker's Red		Eng.	r	l	ygrs	j		psu	g	k	Do.
Watson's Dumpling.	L.	Syn. Watson's Dumpling										Do.
Watson's Dumpling.	E.	Syn. of Dumpling										Do.
Watson's Dumpling.	GenF 33.	Syn. of Watson's Dumpling										Do.
Watson's Favorite.	L.	Syn. Watson's Favorite	Me	rob	m	yl	j	y	psu	vg		Do.
Watson's Favorite.	D.	Syn. of Watson's Favorite										Do.
Watson's New Nonch.	GenF 33.	Syn. of Thorle										Do.

Do.
Do.
Do.

Probably identical with
Washington.

Do.
Do.
Do.

Possibly same as Hoover.

Do.
Do.
Do.

Do.

Do.

Do.

Do.

Possibly identical with
Dumpling.

From Country Gentleman.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Watson's Vandevere.</i>	E. Syn. of Vandevere.										
<i>Watson's Vandevere.</i>	D. Syn. of Vandevere Pippin.										
<i>Wataugh.</i>	Hort 58. Syn. of Hoover.										
<i>Wataugh.</i>	D. Syn. of Hoover.										
<i>Waterson.</i>	WisB45.										
<i>Waterson's No. 4.</i>	WisB45.										
<i>Watts.</i>	H. Syn. of Peck.										
<i>Watwood.</i>	Dap.										
<i>Waugh.</i>	A 95. Syn. Waugh's Crab.	ob	m	wyb	fj	yw	psa			l	
<i>Waugh's Crab.</i>	A 92. Syn. of Waugh.	roble	s	rs	imj	w	sa	g	c	vl	
<i>Waupaca.</i>	F 86.	obe	m	ys	tje	y	sa			l	Not described.
<i>Waupaca Greening.</i>	CH.										
<i>Wax Apple.</i>	D. Syn. of Early Wax.	rob	ml	gy		w	s	g		l	Only recommended forelder.
<i>Wax Apple.</i>	IllB45. Syn. of Lady.		l	ygb							Originated with Wm. A. Springer.
<i>Waxen (Va.?).</i>	D. Syn. Waxen of Cox.										
<i>Waxen (Rus.).</i>	Gb. Syns. Shro. to Ia. No. 160. Voskovee.										
<i>Waxen Arcad.</i>	Gb. Syns. Arkad kruglui voscovni, Arkad kruglui voskowoi, Gov. list No. 430. Round Waxen Arcad.	rob	m	py	ctj	wy	sa	g		m	{ Hansen says this originated in Minnesota. Not described.
<i>Waxen Juicy.</i>	Cat. [May be Waxen Naliv.]										Do.
<i>Waxen Juicy.</i>	Gb. Syn. of Waxen Naliv.		ml	yb	fj	y	sa	g			Do.
<i>Waxen Naliv.</i>	Gb. Syns. Gov. list No. 199. Naliv Voskowoi, Naliv Voskowoi, Waxen Juicy.										
<i>Waxen (not of Cox).</i>	Cole. Syn. of Belmont.										
<i>Waxen of Cox.</i>	C. Syn. of Belmont.										
<i>Waxen of Cox.</i>	T. Syn. of Waxen (Va.?).										
<i>Waycross.</i>	R. Syn. Waycross Red.	ob	ml	ys	j	w	s	vg	dm	c	Do.
<i>Waycross Red.</i>	CHNCo. Syn. of Waycross.										Do.
<i>Waycross Sweet.</i>	Cat. [Probably same as Waycross.]										Do.
<i>Waycross White.</i>	Cat. [Probably same as Waycross.]										Do.
<i>Waycross White.</i>	L. Syn. Waycross White.										
<i>Weakley.</i>	R. Syn. Weakley's Summer.										
<i>Weakley's Summer.</i>	Hort 65. Syn. of Weakley.										
<i>Wealthy.</i>	A Hort 69. Syn. Hyde's King.	rob	m	wyrc	tj	ws	sa	vg	dm	m	First described in Western Farmer, 1869.
<i>Wealthy Favorite.</i>	L. Syns. Bradley's Winter, Wealthy's Favorite, Winter Seedling.	rob	m	ybc	tj	wy	sa	vg	d	l	

Name	Origin	ob	l	y	flg	w	s	g	l
<i>wealthy's favorite</i> , D. Syn. of Wealthy Favorite.	Ohio								l
Weaver, L. Syn. Weaver Sweet.	[Miss.?								ml
Weaver Sweet, W. Syn. of Weaver.	[Ky.?								
Webb, A 73. Syn. Webb's Winter.	Eng			ru					vl
Webber, A 77.									
Webb Kitchen, R. Syn. Webb's Kitchen Russet.									
Webb's Kitchen, Russel, Garm 59. Syn. of Webb Kitchen.									
Webb Seedling, R. Syn. Webb's Seedling.									
Webb's Seedling, W. S&W. Syn. of Webb Seedling.									
Webb's Winter, W. Syn. of Webb.									
Webbeduck, R. Syn. We-Bee-Tuck.	N. Y.								e
We-Bee-Tuck, Hort 58. Syn. of Webbeduck.									
Webster, R. Syn. George Webster.									
Webster Beauty, E. Coll 17.									
Webb's Pippin, E. Syn. of Wick.									
Wedge, BBL.									
Wegenwege, IIIH 81. [Possibly identical with Willow.]									
Weldner, R. Syn. Weldner's Golden Reinette.									
Weldner's Golden Reinette, IIIH 45. Syn. of Weldner.									
Weidner, Dap. Syn. of Early Ripe.									
Weinapfel rather (Herbst Rgl.) Gb. Syn. of Red Wine.									
Weisser, Indische, D. Syn. of Winter Reinette.									
Weisser, Indische, Rosmarinapfel, D. Syn. of Italian.									
Weisser Althausen, Gb. Syn. of Althausen.									
Weisser Astrakhan, D. Syn. of White Astrakhan.									
Weisser Reinette, D. Syn. of French Reinette.									
Weisser Winter Calville, D. Syn. of White Calville.									
Weisser Winterapfel, Gb.									
Weisser Sommer Reinette, D. Syn. of Summer Reinette.									
Weisse Wack's Reinette, D. Syn. of Summer Reinette.									
Welch, PaB 8.									
Welch's Spitzenberg, Dap. Syn. of Red Canada.									
Welch Sweet, IndH 77.									
Welcoming, E. Syn. of Black Coal.									
Wellford, R. Syn. Wellford Park Nonsuch. [May be Wellford.]									
Wellford Park Nonsuch, BBL. Syn. of Wellford.									
Well, R. Syn. Well Apple.									
Well Apple, IndH 72. Syn. of Well. [Probably identical with Wells.]									
Well Apple, D. Syn. of Tins.									
Well Apple, E. Syn. of Wells.									
Wellford, L. Syn. C. C. Wellford, Wellford's Yellow.	Va.	rob	s	pyrs	fj	y	so	g	vl
Wellford's Yellow, MoH 67. Syn. of Wellford.									
Wellington, CAG. Syn. of Dunelm.									
Wellington, GenF 33. Syn. of Dunelm.									
Wells, MagofH 48. Syn. Belle Tart Cheat, English Rambo (of some).									
Wells, English Winter Redstreak (of some), Hogan, Striped Rhode Island Greening, Well Apple.	Md.	r	m	rs			so	g	l
Wells, D. Syn. of Domine.									
Wells, H. Syn. of Western Beauty.									
Wells of Ohio, H. Syn. of Domine.									
Wells Summer, IIIH 01.									

Not described.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

[illegible]

[illegible]

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
White Rambo. D.....	Pa.....	obc	m	yw	f	y	psa	g		m	Some claim it originated in Ohio.
<i>White Rave's Jewel.</i> IIB45. Syn. of White Ralls.											
White Red. L. Syn. White Red Winter.....	South.....	obl	l	rs	j		rsa			vi	From the Country Gentleman.
<i>White Red Winter.</i> D. Syn. of White Red.											
White Reinette. Gb. Syns. Gov. list No. 339, Reinetti beclui, Renet bielui, White Queen.....	Rus.....	oblc	m	yw	j	w	psa	g		me	Hansen's leading name is White Queen.
<i>White Robinson.</i> A'54. Syn. of Winter Paradise.....											
White Romarin. D. Syn. of Romarin.....	Rus.....										Not described.
White Rubets. Gb. Syns. Bielui rubets, Gov. list No. 226, Rubets bielui, Rubetz belui, V. R. 8, to Ia. No. 5, White Out.		rob	l	yrn	f		sa	g	d	m	From Lindley. Not described.
White Russet (Ire.). D.....	Ire.....										Probably same as preceding.
White Russet (Rns.). Gb. Syns. Beclowoe Scholto Serwe, Bielewoe jeltosieroe, Gov. list No. 881.	Rus.....	rob	l	gwyb yg	fj ctj	w yw	sa psa	g vg		l m	Not described. This answers the description of White Pippin.
White Russet No. 981. P'92.	Va.....	obc		gy			sa	vg		l	Not described.
White Seadling. Cat.....											Not described.
White Seek-no-further. Hort'46.											Resembles Fall Pippin, but distinct.
<i>White Seekno-further.</i> Lin. Syn. of Green Seekno-further.....											
White Skut. D. Syn. of Orley.....	Rus.....										Not described.
White Skut. Gb. Syns. Gov. list No. 982, Round White, Skrut beclowol, Skrut bielvol, L. Syns. Camnesar, Cabett's Fall Pippin, Concombre		rob	vl	yg	ct	yw	rsa	vg	dm	m	Resembles Fall Pippin, but distinct.
White Spanish. L. Syns. Camnesar, Cabett's Fall Pippin, Concombre	Spain.....										
<i>White Spanish.</i> Andreu d'Espagne, De Rottau, Elgin Pippin, Fall Pippin (crucosnally), White Fall Pippin, Reinette Blanche d'Espagne, Reinette d'Espagne, White Spanish Reinette.....											
White Spanish Reinette. D. Syn. of White Spanish.....	Pa.....	rob	l				sa	g		me	Distinct from Dyer.
<i>White Spanish Reinette.</i> A'52. Syn. of Dyer.....											
White Spire. E. Syn. of Dyer.....											
White Spitzenberg. K. Syn. of White Spitzenberg.....	Pa.....	rob	m	yb	j		bsa	g	d	ml	Not described.
<i>White Spitzenberg.</i> K. Syn. of White Spitzenberg, White Spitzenburgh.....											
White Spitzenburgh. Gen'83. Syn. of White Spitzenburgh.....											
White Starb. ColExr'88.											
White Stone Pippin. D. Syn. of Norfolk Stone.....											
<i>White Stone Pippin.</i> D. Syn. of Stone Pippin.....											
White Sugar. BBL. [May be Autumnal Bough.]											Do.
<i>White Sugar.</i> D. Syn. of Autumnal Bough.....											
White Summer. L. Syn. White Summer Pippin.....	Eng?.....	r	m	yrn	t		sa?	g	d	me	From Ronalds.

[illegible]

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Yellow Kiev</i> . Gb. Syn. of <i>Yellow Kief</i> .	Rus.										Not described.
<i>Yellow Lemon</i> . Gb. Syns. Gov. list No. 577, Limonnoe jeltoe, Limonnoe scholtoe.											
<i>Yellow Limbertwig</i> . Cat.											Do.
<i>Yellow May</i> . D. Syn. of <i>White Juneating</i> .											
<i>Yellow May Pippin</i> . Dap. Syn. of <i>White Juneating</i> .	South.	ob	l	gy	c	y	sa	g	m		Do.
<i>Yellow Meadow</i> . D											
<i>Yellow Mountaineer</i> . Cat.	Rus.										Do.
<i>Yellow Nalliv</i> . Gb. Syn. of <i>Piney Mountain</i> .											
<i>Scholtinaliv</i> . Shro. to Ia. No. 164, <i>Yellow Juice</i> .											Generally known in Virginia as Albemarle.
<i>Yellow Newtown</i> . D. Syns. Albemarle, Albemarle Pippin, Back Creek, Large <i>Yellow Newtown</i> , Mountain Pippin, Newtown Pippin, Newtown Pippin, <i>Yellow</i> , New York <i>Greening</i> , New York Pippin, Virginia Pippin, <i>Yellow Newtown Pippin</i> .	N. Y.	rob	ml	gy	fcj		a	vg-b	dkm	vl	
<i>Yellow Newtown Pippin</i> . K. Syn. of <i>Yellow Newtown</i> .	South.	c	m	y			sa	g		l	Possibly same as Clark Pearmain. See D. 127.
<i>Yellow Pearmain</i> . W.											
<i>Yellow Pearmain</i> . D. Syn. of <i>Clark Pearmain</i> .											Not described.
<i>Yellow Pearmain</i> . T. Syn. of <i>Golden Pearmain</i> .											
<i>Yellow Pippin</i> . IIIH'81.											Do.
<i>Yellow Pippin</i> . DomEac. Syn. of <i>Newark Pippin</i> .											
<i>Yellow Pippin</i> . D. Syn. of <i>Ortle</i> .											Do.
<i>Yellow Pippin</i> . Dap. Syn. of <i>Yellow</i> .											
<i>Yellow Prolific</i> . Gb. Syns. <i>Plodovitka jelajava</i> , <i>Shro. to Ia. No. 131</i> .	Rus.										Do.
<i>Yellow Pumpkin</i> . R. Syn. <i>Yellow Pumpkin Sweet</i> .											
<i>Yellow Pumpkin Sweet</i> . IndH'72. Syn. of <i>Yellow Pumpkin</i> .											Do.
<i>Yellow Reinette</i> . BBL.											
<i>Yellow Sap</i> . BEL.											Do.
<i>Yellow Sibley</i> . IIIH'95. Syn. of <i>Sibley</i> .											
<i>Yellow Spice</i> . IndH'72.											This is <i>Yellow Sweet</i> in the Gibb list.
<i>Yellow Stettin</i> . Gb. Syns. <i>Gelber Stettiner</i> , V. R. S. to Ia. No. 41.	Rus.										
<i>Yellow Sugar</i> . Gb. Syns. <i>Sacharnoe jeltoe</i> , <i>Shro. to Ia. No. 64</i> .	Rus.										Do.
<i>Yellow Summer Pearmain</i> . Dap. Syn. of <i>Porter</i> .											
<i>Yellow Sweet</i> (Amer.). D. Syn. <i>Yellow Sweeting</i> .	Am.	r	s	py	t	w	ps	g		m	Do.
<i>Yellow Sweet</i> (Rus.). Gb. Syns. Gov. list No. 167, <i>Jeltoe Sladkoe</i> , <i>Scholtie Sladkoe</i> (Rus.).	Rus.	ob	ml	rs			s	vg		vl	
<i>Yellow Sweet</i> (Rus.). Gb. Syns. <i>Shro. to Ia. No. 127</i> , <i>Sladkoe jeltoe</i> .	Rus.										Perhaps differing from the preceding.

[illegible]

<i>Gae. list No. 425.</i>	Gyn. of Painted Anis.	Gh.
<i>Gae. list No. 426.</i>	Gyn. of Synchris.	Gh.
<i>Gae. list No. 427.</i>	Gyn. of Hussin.	Gh.
<i>Gae. list No. 428.</i>	Gyn. of Waskionoff.	Gh.
<i>Gae. list No. 429.</i>	Gyn. of Waxed Arcad.	Gh.
<i>Gae. list No. 430.</i>	Gyn. of Orloff.	Gh.
<i>Gae. list No. 431.</i>	Gyn. of Saxonian?	Gh.
<i>Gae. list No. 432.</i>	Gyn. of Painted.	Gh.
<i>Gae. list No. 433.</i>	Gyn. of White Crimean.	Gh.
<i>Gae. list No. 434.</i>	Gyn. of Rattle.	Gh.
<i>Gae. list No. 435.</i>	Gyn. of Yellow Calville.	Gh.
<i>Gae. list No. 436.</i>	Gyn. of Lansk Reinette.	Gh.
<i>Gae. list No. 437.</i>	Gyn. of Rominika.	Gh.
<i>Gae. list No. 438.</i>	Gyn. of Kotel Reinette.	Gh.
<i>Gae. list No. 439.</i>	Gyn. of Cardinal.	Gh.
<i>Gae. list No. 440.</i>	Gyn. of Handsome White.	Gh.
<i>Gae. list No. 441.</i>	Gyn. of (Omitted)	Gh.
<i>Gae. list No. 442.</i>	Gyn. of Beaulieu Arcad.	Gh.
<i>Gae. list No. 443.</i>	Gyn. of Berry (Rus.)	Gh.
<i>Gae. list No. 444.</i>	Gyn. of Kreyssche.	Gh.
<i>Gae. list No. 445.</i>	Gyn. of Yellow Nally.	Gh.
<i>Gae. list No. 446.</i>	Gyn. of Ribbed Nally.	Gh.
<i>Gae. list No. 447.</i>	Gyn. of Green Rubats.	Gh.
<i>Gae. list No. 448.</i>	Gyn. of Acid Kiepka.	Gh.
<i>Gae. list No. 449.</i>	Gyn. of Flat Mirror.	Gh.
<i>Gae. list No. 450.</i>	Gyn. of Painted White.	Gh.
<i>Gae. list No. 451.</i>	Gyn. of Grindmodier.	Gh.
<i>Gae. list No. 452.</i>	Gyn. of Lapouchec.	Gh.
<i>Gae. list No. 453.</i>	Gyn. of Profile Anis.	Gh.
<i>Gae. list No. 454.</i>	Gyn. of Ostroloff.	Gh.
<i>Gae. list No. 455.</i>	Gyn. of Shepherd.	Gh.
<i>Gae. list No. 456.</i>	Gyn. of Red Arcad.	Gh.
<i>Gae. list No. 457.</i>	Gyn. of Christmas.	Gh.
<i>Gae. list No. 458.</i>	Gyn. of Thin Twig.	Gh.
<i>Gae. list No. 459.</i>	Gyn. of Meisk.	Gh.
<i>Gae. list No. 460.</i>	Gyn. of Glins.	Gh.
<i>Gae. list No. 461.</i>	Gyn. of Rambour Reinette.	Gh.
<i>Gae. list No. 462.</i>	Gyn. of Lapouchec Nally.	Gh.
<i>Gae. list No. 463.</i>	Gyn. of Meadow.	Gh.
<i>Gae. list No. 464.</i>	Gyn. of Watermelon.	Gh.
<i>Gae. list No. 465.</i>	Gyn. of Red Sweeting.	Gh.
<i>Gae. list No. 466.</i>	Gyn. of Revel Streaked.	Gh.
<i>Gae. list No. 467.</i>	Gyn. of Early Chinnamon.	Gh.
<i>Gae. list No. 468.</i>	Gyn. of Grimeau Nally.	Gh.
<i>Gae. list No. 469.</i>	Gyn. of Yorgimok.	Gh.
<i>Gae. list No. 470.</i>	Gyn. of Large Transparent.	Gh.
<i>Gae. list No. 471.</i>	Gyn. of Melon.	Gh.
<i>Gae. list No. 472.</i>	Gyn. of Rosenhauger.	Gh.
<i>Gae. list No. 473.</i>	Gyn. of Alabaster.	Gh.
<i>Gae. list No. 474.</i>	Gyn. of Leipzig.	Gh.

The following varieties were sent by Dr. Regel, of St. Petersburg, Russia, to the Iowa Agricultural College. The numbering is that of Mr. Charles Gibb in his report to the American Pomological Society.

Ref. to Ia. No. 16. Gb. Syn. of (Omitted.). [Possibly the same as

Autumn streaked.]
Ref. to Ia. No. 124. Gb. Syn. of Revel Pigeon
Ref. to Ia. No. 151. Gb. Syn. of Sugar Milron
Ref. to Ia. No. 170. Gb. Syn. of Revel Glass
Ref. to Ia. No. 191. Gb. Syn. of Red Petersburg
Ref. to Ia. No. 239. Gb. Syn. of Zelenka. [May be same as Zelenoe.]
Ref. to Ia. No. 243. Gb. Syn. of Nicola
Ref. to Ia. No. 277. Gb. Syn. of Ambika (Gov. list No. 181)
Ref. to Ia. No. 277. Gb. Syn. of Lead
Ref. to Ia. No. 328. Gb. Syn. of Peterhoff
Ref. to Ia. No. 356. Gb. Syn. of Round Borsdorf
Ref. to Ia. No. 361. Gb. Syn. of Pointed Pipka
Ref. to Ia. No. 379. Gb. Syn. of Revel Pear (Gov. list No. 338)
Ref. to Ia. No. 428. Gb. Syn. of Fomarie
Ref. to Ia. No. 540. Gb. Syn. of Kalkidon
Ref. to Ia. No. 574. Gb. Syn. of White Apert
Ref. to Ia. No. 1227. Gb. Syn. of Gipsy
Ref. to Ia. No. 1260. Gb. Syn. of Red Raspberry
Ref. to Ia. No. 1277. Gb. Syn. of Rosy Voronesh

The varieties included in the following list were sent to the Iowa Agricultural College by Dr. Schroeder, of Russia. The numbers are from Mr. Charles Gibb's report to the American Pomological Society.

Shro. to Ia. No. 1. Gb. Syn. of Repolovka
Shro. to Ia. No. 2. Gb. Syn. of Hare Pipka
Shro. to Ia. No. 3. Gb. Syn. of Lead
Shro. to Ia. No. 4. Gb. Syn. of Ostrokoif
Shro. to Ia. No. 5. Gb. Syn. of Royal Table
Shro. to Ia. No. 6. Gb. Syn. of Grandmother
Shro. to Ia. No. 7. Gb. Syn. of Osmoe
Shro. to Ia. No. 8. Gb. Syn. of Sweet Cross
Shro. to Ia. No. 9. Gb. Syn. of English Borovinka
Shro. to Ia. No. 10. Gb. Syn. of Utrahoe
Shro. to Ia. No. 11. Gb. Syn. of Romenskoe
Shro. to Ia. No. 12. Gb. Syn. of Vargulek
Shro. to Ia. No. 13. Gb. Syn. of Modified Anis
Shro. to Ia. No. 14. Gb. Syn. of Anissim
Shro. to Ia. No. 15. Gb. Syn. of Cross
Shro. to Ia. No. 16. Gb. Syn. of Vargul
Shro. to Ia. No. 17. Gb. Syn. of Kruder
Shro. to Ia. No. 18. Gb. Syn. of Anissim
Shro. to Ia. No. 19. Gb. Syn. of Blackwood
Shro. to Ia. No. 20. Gb. Syn. of Kursk Relnette
Shro. to Ia. No. 21. Gb. Syn. of Kurabovka
Shro. to Ia. No. 22. Gb. Syn. of Blushed Calville
Shro. to Ia. No. 23. Gb. Syn. of Apert
Shro. to Ia. No. 24. Gb. Syn. of Apert Voronesh (?)

This and the following one have the same numbers.

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
Shro. to Ia. No. 24.	Gb.										
Shro. to Ia. No. 25.	Gb.						Syn. of Sandy Glass.				
Shro. to Ia. No. 26.	Gb.						Syn. of Danisc Pipka.				
Shro. to Ia. No. 27.	Gb.						Syn. of Antonovka.				
Shro. to Ia. No. 28.	Gb.						Syn. of Large Anis.				
Shro. to Ia. No. 29.	Gb.						Syn. of Kluevskoe.				
Shro. to Ia. No. 30.	Gb.						Syn. of Melonen.				
Shro. to Ia. No. 31.	Gb.						Syn. of Lednecis.				
Shro. to Ia. No. 32.	Gb.						Syn. of Good Peasant.				
Shro. to Ia. No. 33.	Gb.						Syn. of Anis.				
Shro. to Ia. No. 34.	Gb.						Syn. of Winter Streaked.				
Shro. to Ia. No. 35.	Gb.						Syn. of — (Omitted)				
Shro. to Ia. No. 36.	Gb.						Syn. of — (Omitted)				
Shro. to Ia. No. 37.	Gb.						Syn. of White Borodovka.				
Shro. to Ia. No. 38.	Gb.						Syn. of Queen Louise.				
Shro. to Ia. No. 39.	Gb.						Syn. of Polish Cinnamon.				
Shro. to Ia. No. 40.	Gb.						Syn. of White Summer Calville.				
Shro. to Ia. No. 41.	Gb.						Syn. of Lejanka.				
Shro. to Ia. No. 42.	Gb.						Syn. of Bokovoe.				
Shro. to Ia. No. 43.	Gb.						Syn. of Watermelon.				
Shro. to Ia. No. 44.	Gb.						Syn. of Lipin.				
Shro. to Ia. No. 45.	Gb.						Syn. of Royal.				
Shro. to Ia. No. 46.	Gb.						Syn. of — (Omitted)				
Shro. to Ia. No. 47.	Gb.						Syn. of Yellow Kief.				
Shro. to Ia. No. 48.	Gb.						Syn. of Cinnamon Pine.				
Shro. to Ia. No. 49.	Gb.						Syn. of Sweet Mensk.				
Shro. to Ia. No. 50.	Gb.						Syn. of Swan.				
Shro. to Ia. No. 51.	Gb.						Syn. of Avenarius.				
Shro. to Ia. No. 52.	Gb.						Syn. of Riga Translucent.				
Shro. to Ia. No. 53.	Gb.						Syn. of Blackwood.				
Shro. to Ia. No. 54.	Gb.						Syn. of Great Mogul.				
Shro. to Ia. No. 55.	Gb.						Syn. of Red Ruskin.				
Shro. to Ia. No. 56.	Gb.						Syn. of Longfield.				
Shro. to Ia. No. 57.	Gb.						Syn. of — (Omitted)				
Shro. to Ia. No. 58.	Gb.						Syn. of — (Omitted)				
Shro. to Ia. No. 59.	Gb.						Syn. of Repka Arcad.				
Shro. to Ia. No. 60.	Gb.						Syn. of Smoky Arcad.				
Shro. to Ia. No. 61.	Gb.						Syn. of Melonen.				
Shro. to Ia. No. 62.	Gb.						Syn. of Richard.				

<i>Sbro. to Ia. No. 63.</i>	Gh.	Syn. of Kolomenskoe.
<i>Sbro. to Ia. No. 64.</i>	Gh.	Syn. of Yellow Sugar.
<i>Sbro. to Ia. No. 65.</i>	Gh.	Syn. of (Revel Omitted)
<i>Sbro. to Ia. No. 66.</i>	Gh.	Syn. of Revel Pigeon
<i>Sbro. to Ia. No. 67.</i>	Gh.	Syn. of Nisidnitsa
<i>Sbro. to Ia. No. 68.</i>	Gh.	Syn. of Broad Green
<i>Sbro. to Ia. No. 69.</i>	Gh.	Syn. of Early Red
<i>Sbro. to Ia. No. 70.</i>	Gh.	Syn. of German Prolific
<i>Sbro. to Ia. No. 71.</i>	Gh.	Syn. of German Lednells.
<i>Sbro. to Ia. No. 72.</i>	Gh.	Syn. of Sugar Million
<i>Sbro. to Ia. No. 73.</i>	Gh.	Syn. of Sweet Prolific
<i>Sbro. to Ia. No. 74.</i>	Gh.	Syn. of Green Astrachan
<i>Sbro. to Ia. No. 75.</i>	Gh.	Syn. of Silken Omitted
<i>Sbro. to Ia. No. 76.</i>	Gh.	Syn. of Sweet Striped
<i>Sbro. to Ia. No. 77.</i>	Gh.	Syn. of Ayrshire.
<i>Sbro. to Ia. No. 78.</i>	Gh.	Syn. of King Stripe
<i>Sbro. to Ia. No. 79.</i>	Gh.	Syn. of Petrovskoe.
<i>Sbro. to Ia. No. 80.</i>	Gh.	Syn. of Mensk.
<i>Sbro. to Ia. No. 81.</i>	Gh.	Syn. of Brushed Calville
<i>Sbro. to Ia. No. 82.</i>	Gh.	Syn. of Pear.
<i>Sbro. to Ia. No. 83.</i>	Gh.	Syn. of Bergsdorf
<i>Sbro. to Ia. No. 84.</i>	Gh.	Syn. of Ghies.
<i>Sbro. to Ia. No. 85.</i>	Gh.	Syn. of Belgood
<i>Sbro. to Ia. No. 86.</i>	Gh.	Syn. of Hetch.
<i>Sbro. to Ia. No. 87.</i>	Gh.	Syn. of Bergamot
<i>Sbro. to Ia. No. 88.</i>	Gh.	Syn. of German Calville
<i>Sbro. to Ia. No. 89.</i>	Gh.	Syn. of Rosy Apoll.
<i>Sbro. to Ia. No. 90.</i>	Gh.	Syn. of German Skrule
<i>Sbro. to Ia. No. 91.</i>	Gh.	Syn. of Vincts.
<i>Sbro. to Ia. No. 92.</i>	Gh.	Syn. of Vinces.
<i>Sbro. to Ia. No. 93.</i>	Gh.	Syn. of Vinces.
<i>Sbro. to Ia. No. 94.</i>	Gh.	Syn. of Kalkidon
<i>Sbro. to Ia. No. 95.</i>	Gh.	Syn. of Tonare
<i>Sbro. to Ia. No. 96.</i>	Gh.	Syn. of Jarcy Ribbed
<i>Sbro. to Ia. No. 97.</i>	Gh.	Syn. of Marble
<i>Sbro. to Ia. No. 98.</i>	Gh.	Syn. of Smolensk
<i>Sbro. to Ia. No. 99.</i>	Gh.	Syn. of Long Arcad
<i>Sbro. to Ia. No. 100.</i>	Gh.	Syn. of Putim
<i>Sbro. to Ia. No. 101.</i>	Gh.	Syn. of Chinnam Pine
<i>Sbro. to Ia. No. 102.</i>	Gh.	Syn. of Multicolor
<i>Sbro. to Ia. No. 103.</i>	Gh.	Syn. of Striped Calville
<i>Sbro. to Ia. No. 104.</i>	Gh.	Syn. of Silken
<i>Sbro. to Ia. No. 105.</i>	Gh.	Syn. of Charlamoff
<i>Sbro. to Ia. No. 106.</i>	Gh.	Syn. of Potanoe
<i>Sbro. to Ia. No. 107.</i>	Gh.	Syn. of Serinka
<i>Sbro. to Ia. No. 108.</i>	Gh.	Syn. of Sweet Apoll
<i>Sbro. to Ia. No. 109.</i>	Gh.	Syn. of Amber
<i>Sbro. to Ia. No. 110.</i>	Gh.	Syn. of Translucent
<i>Sbro. to Ia. No. 111.</i>	Gh.	Syn. of Chinnam Anis
<i>Sbro. to Ia. No. 112.</i>	Gh.	Syn. of Champagne
<i>Sbro. to Ia. No. 113.</i>	Gh.	Syn. of Raspberry

SIBIRIAN AND OTHER CRABS.

[illegible]

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

SIBERIAN AND OTHER CRABS—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Bawl, R. Syn. Bawl's Winter. <i>Bawl's Winter</i> , A73. Syn. of Bawl. [Probably Ball.]	Vt.	r	l	wy				g	k	vl	Not described.
Beach, Bul6 Beach Sweet, R. Syn. Beach's Sweet, Beach's Sweet. <i>Beach's Sweet</i> , JNCo. Syn. of Beach Sweet.			vl	rc			s	vg			Do.
Beauty, L. Syn. Beauty Queen. <i>Beauty Queen</i> , Cat. Syn. of Beauty											Do.
<i>Becher's Large Red</i> , Hort72. Syn. of Beecher Red			vs				s	vg	k	m	Perhaps first described in Hort72.
Bechtel, PJB. Syn. Double Flowering	Am.	ob	l	dr	fj		sa	vg	k	l	
Beecher, A71. Syn. Beecher's Sweet	Minn.										
Beecher Red, R. Syns. Becher's Large Red, Beecher's Red											
<i>Beecher's Red</i> , IIIH91. Syn. of Beecher Red											
<i>Beecher's Sweet</i> , RNY70. Syn. of Beecher											
<i>Beck's Sweet</i> , A89. Syn. of Beach Sweet											
Beeler, R. Syn. Red Beeler's. [Reported to A97, 141, by J. M. Samuels, of Ky.] A71											Not described.
Berry, A71 Bitter Sweet, L. Syn. Siberian Bitter Sweet	Minn.		s								Do.
Black, I. Syn. Black Siberian	Eng.		s	y							Do.
<i>Black Siberian</i> , Cat. Syn. of Black											Do.
Blanc Moleth, BBL											Do.
Blood Red, NYEXR96	Minn.	ob	m	gyr	j	y	sa	g		ml	Do.
Blushing Maid, NEF69			l		fj			g	k	l	Do.
Bola, Cat	Mo			yb							Do.
Boone, IaB80	Iowa		l								Do.
Bouck, R. Syn. Bouck's Red Winter. [May possibly be an apple.]											Do.
<i>Bouck's Red Winter</i> , Hort72. Syn. of Bouck											Do.
Bowman, CanEXR88											Do.
<i>Brier Sweet</i> , JW&S. Syn. of Brier	Wis.	rc	ml	rs			s	vg	dk		
Brier, A71. Syns. Brier Sweet, Brier's Sweet, Brier's Sweet Crab											
<i>Brier's Sweet</i> , B. Syn. of Brier											
<i>Brier's Sweet Crab</i> , Syn. of Brier											
Brown, BBCo. Syn. Brown's Transcendent	Ill.		vl	y					k	vl	
<i>Brown's Transcendent</i> , Cat. Syn. of Brown											
Bryant, AmGar91. Syn. Bryant Favorite											Do.
Bryant Favorite, AmGar91. Syn. of Bryant											
Byers, L. Syn. Byers Beauty	Mich.	obl	m	rs			a	g	k	m	

[illegible]

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

SIBERIAN AND OTHER CRABS—Continued.

Name of apple.	Origln.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Dartt. Syn. Dartt's Hybrid.....	Minn.....	re	l	c	.....	y	sa	g	k	l	Originated at Owatonna, by E. H. S. Dartt.
<i>Dartt's Hybrid.</i> Syn. of Dartt.....											Not described.
D'Arrolles. BBL.....	Minn.?										Do.
De Nover. Hort'72.....											Do.
Denzi. Cat.....											Do.
<i>Dr. Andrews No. 4.</i> J. H. '70. Syn. of Andrews.....											Mainly ornamental.
Doubleflowering. Hort'51. Syns. Double Flowering Apple, Double Flow- ering Chinese Crab.....	China?	r	s	y			a	p		m	
<i>Double Flowering.</i> Cat. Syn. of Bechtel.....											
<i>Double Flowering Apple.</i> D. Syn. of Doubleflowering.....											
<i>Double Flowering Chinese Crab.</i> K. Syn. of Doubleflowering.....											
Double White. D. Syn. Double White Siberian Crab.....		r		wy							
<i>Double White Siberian Crab.</i> Hort'51. Syn. of Double White.....											
Dudley. A 73.....			m	y						l	Not described.
Duplin. L. Syn. Pride of Duplin.....											Do.
Early Red. Cat.....											
<i>Early Strawberry.</i> A 99.....	Rus.....	robl	ml	yr					k		Probably identical with Geneva.
Edulis. L. Syns. Geneva, Lady Elgin, Marengo Siberian No. 4.....	Ill.....	rob	l	wyrb	tfj	w	sa	vg	dk	vi	Not described.
Empire. Hort'79.....	Minn.?										Do.
<i>Empire.</i> Syn. Eat's Green. [A wild crab of S. Dakota.].....											
Eat's Green. SDB55. Syn. of Yellow.....	S. D.....										
Ent Yellow. R. Syn. Eat's Yellow.....											
<i>Ent's Yellow.</i> SDB65. Syn. of Ent Yellow.....											Do.
Erranda. Cat.....											Do.
Estellene. Cat.....											Do.
Eureka. RNY70. Syn. Maiden's Blush.....		obl	l	y			sa	g-vg	d	l	
<i>Evergreen Apple.</i> D. Syn. of Astrachan.....											
<i>Evergreen Striped.</i> C. Syn. of Astrachan.....											
Everlasting. WisB45.....											Do.
Excelstor. AHortA70.....	Minn.....		ml	rs				vg		m	Do.
Farbault. NDB49.....	Minn.....										Do.
Fancy Red. Cat.....											Do.
Fancy Yellow. Cat.....											Do.
Fantasticata. BBL.....											Said to be a hybrid.
Fay. L. Syns. Fay's Joe, Fay's Joy.....	Ill.....	ob	ml	ys		w	a	g			

Iowa.	JNCo.	Syn. of Lowe
Island.	R.	Syn. Isham Winter
Islama.	Bull.	MimEXR'90. Syn. of Islama
Island Gem.	Bull.	
Husku.	Cat.	
LXL Orange.	J&R.	Syn. of IXL
January.	BH.	
Jelly.	MichBLS.	[Originated with P. M. Gideon.]
Jolly.	L.	Syn. Chase's Jelly
Jella.	JBAWB.	Syn. of Chase Blush
Jersey.	Cat.	
Jones.	R.	Syn. Jones' Cider
Jonas' Cider.	NCBt49.	Syn. of Jones'
Judah.	MHC'S4.	
Jumbo.	Bull.	
Kalda.	BH.	Syn. Malus Kalda.
Kentucky.	R.	Syn. Kentucky Red.
Kentucky Red.	JIN.	Syn. of Kentucky
Kennon.	Cat.	Syn. of Alaska
Key.	L.	Syn. Key Red.
Kel Red.	Cat.	Syn. of Key
Kishwaukee.	Hort'69.	
Ladies Favorite.	NBF'69.	Syn. of Lady Favorite
Lady.	D.	
Lady Crab.	HB45.	Syn. of Elgin
Lady Elgin.	Dap.	Syn. of Elgin
Lady Elgin.	A7L.	Syn. of Geneva. [Elgin probably correct.]
Lady Favorite.	L.	Syn. Ladies' Favorite
Ladyfinger.	AnGar'91	
Lake.	A8L.	Syn. Lake Winter
Lake Winter.	B.	Syn. of Lake
Lamertine.	Hort'72.	
Lanier.	R.	Syn. Lanier's.
Lanier's.	SCES'R'98.	Syn. of Lanier
Large Red.	Lin.	Syns. Large Red Siberian Crab, Large Siberian Crab
Large Red Siberian Crab.	D.	Syn. of Large Red
Large Scarlet.	Lin.	
Large Siberian Crab.	Hort'51.	Syn. of Large Red.
Large Winter.	L.	Syn. Mammoth Winter
Large Yellow.	W.	Syn. Large Yellow Siberian Crab
Large Yellow Siberian.	Cat.	Syn. of Yellow Siberian
Large Yellow Siberian Crab.	D.	Syn. of Large Yellow
Late Winter.	Cat.	
Laura.	JWK.	
Lemon.	Cat.	
Leslie.	E.	Syn. Leslie's Sweet
Leslie's Sweet.	CanExR'01.	Syn. of Leslie
Letson.	R.	Syn. Letson Cowless.
Letson Countess.	BBL.	Syn. of Letson
Lewelling.	BBL.	[Perhaps same as Oregon.]

Catalogue of known varieties of apples referred to in American publications from 1804 to 1904—Continued.

SIBERIAN AND OTHER CRABS—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
<i>Paul's Imperial</i> , E&B. Syn. of Paul.											Not described.
<i>Peach</i> , JBW&B.			vl	yr				vg			
<i>Pearce</i> , R. Syn. Pearce's.											
<i>Pearce's</i> , MinnB3. Syn. of Pearce.											
<i>Pearl</i> , Cat.											
<i>Peerless</i> , Cat.	Wis.?										
<i>Peffer</i> , Cat.											
<i>Pennsylvania</i> , 111H'75.											
<i>Perfection</i> , 1aH'88.	Minn.	rob	m	rs			sa	vg		l	
<i>Peter</i> , N.											
<i>Phillips</i> , A'99.											
<i>Pickett</i> , R. Syn. Pickett's.											
<i>Pickett's</i> , JNCo. Syn. of Pickett.			l	br			sa			ml	
<i>Pieta</i> , R. Syn. Pieta Strada.											
<i>Pieta Strada</i> , E&B. Syn. of Pieta.		rob	ml	rs			sa			l	
<i>Pioneer</i> , Hort'72. [P. M. Gideon mentions this in Hort'72, 244, as an apple.]	Minn.?										
<i>Plumb</i> , R. Syn. Plumb's Choice. [From J. C. Plumb, Milton, Wis.]	Wis.?										
<i>Plumb's Choice</i> , Hort'72. Syn. of Plumb.											
<i>Plumb's No. 1</i> , Hort'69.											
<i>Plumb's No. 2</i> , Hort'69.											
<i>Polance</i> , R. Syn. Polance Mollet.											
<i>Polance Mollet</i> , BBL. Syn. of Polance.											
<i>Powers</i> , W. Syns. Powers Large, Powers Large Red.	N. Y.	rob	l	wyrs			a	g	k	ml	
<i>Powers Large</i> , D. Syn. of Powers.											
<i>Powers Large Red</i> , A'87. Syn. of Powers.											
<i>Powers Red</i> , CanExR'01. [Perhaps same as Powers.]											
<i>Praceox</i> , A'99.	Rus.		vs	p							
<i>Prairie</i> , R. Syn. Pride of the Prairie.	Minn.			gy				g-vg			
<i>President Hayes</i> , Cat. Syn. of Hayes.											
<i>Pride of Duplin</i> , Cat. Syn. of Duplin.											
<i>Pride of Minneapolis</i> , RNY'70. Syn. of Minneapolis.											
<i>Pride of the Prairie</i> , RNY'70. Syn. of Prairie.											
<i>Priestley</i> , R. Syn. Priestley's Sweetening.											
<i>Priestley's Sweeting</i> , Magalh'41. Syn. of Priestley.											
<i>Pringle</i> , Buls. Syn. Pringle Sweet.	Can.	robl	m	rs			s	vg	dkm	m	
<i>Pringle Sweet</i> , Buls. Syn. of Pringle.											
<i>Purple Siberian</i> , L. Syn. Purple Siberian Crab.	Eur.	ob	s	pub		c	a	g		m	

Purple Siberian Crab.	Hort'51.	Syn. of Purple-Siberian.
Pyramid.	A'73.	
Pyra and Crassifera.	SDR65.	Syn. of Calville
Pyrus Comaria.	HRET.	Syn. of Sweet Scented
Quaker.	MchB169	
Quaker Beauty.	RNY'70.	
Queen.	Buls.	Syn. Queen Choice.
Queen Choice.	Buls.	Syn. of Queen.
Queen's Choice.	Cal.	Syn. of Cluster.
Queen's Choice.	MHSC'84.	[Possibly identical with Queen.]
Rebel.	IHI'95.	[Said to be small and worthless.]
Red.	T. Syn.	Siberian Crab, Small Red
Red.	L. Syn.	Red Siberian Crab, Small Red Crab.
Red.	L. Syn.	Red (Butler's).
Red Anis.	Cal.	
Red Bark.	MunEx R'90	
Red Lake.	A'87.	
Red Siberian Crab.	IndF'40.	Syn. of Red
Red Warrior.	Sbro.	Syn. of Yates.
Relins.	K. Syn.	Captain Relins.
Richardson.	R. Syn.	Richardson's Scarlet
Richardson's Scarlet.	Cal.	Syn. of Richardson
Richland.	L. Syns.	Richland Sweet, Richland Winter Sweet.
Richland Stock.	IHI'96.	Syn. of Richland
Richland Winter Sweet.	A'99.	Syn. of Richland.
Ringo.	E&C.	
Rose of Stanstead.	NEF'69.	Syn. of Stanstead
Roulet.	MHSC'84.	
Roulet.	L. Syns.	Rouen Transparent Crab, Transparent de Rouen.
Rouen Transparent Crab.	Hort'51.	Syn. of Rouen.
Royal Chardade.	CarM'59.	Syn. of Charlotte
Russel.	L. Syn.	Sect Russel.
Russel.	L. Syn.	Sect Russel.
Rutland Peck.	FHC.	
Saint Paul.	R. Syn.	St. Paul of Rutland
Saint Paul.	Syn.	St. Paul
St. Paul.	IHI'70.	Syn. of Saint Paul
Scotchman.	A'99.	
Scotchman.	EdB'90.	
Scotchman.	Cal.	
Scotchman.	R. Syn.	Scotchman's Choice.
Scotchman's Choice.	A'73.	Syn. of Scotchman.
Scott.	R. Syn.	Scott's
Scott's.	SCFXR'98.	Syn. of Scott.
September.	IndH'90.	
Shields.	IHI'89.	
Showy.	Hort'51.	
Siberian.	F.	
Siberian Crab.	C.	Syn. of Red
Siberian August.	Cal.	Syn. Fourth of July. [May be a crab.]
Siberian Bitter Sweet.	GenP'33.	Syn. of Bitter Sweet.
Siberian Harvey.	K.	
Siberian Large Yellow.	BBJ.	

Catalogue of the known varieties of apples referred to in American publications from 1804 to 1904—Continued.

SIBERIAN AND OTHER CRABS—Continued.

Name of apple.	Origin.	Form.	Size.	Color.	Flesh.		Flavor.	Quality.	Use.	Season.	Remarks.
					Texture.	Color.					
Whitney No. 20. AHortA'70. Syn. of Whitney.											
Whitney's No. 24. AHortA'70.											
Whitney Winter. R. Syn. Whitney's Winter.	Ill.	ob	m	gyr	fj	w	ba	g	dk	vl	Probably same as Whitney.
Whitney's Winter. AHortA'70. Syn. of Whitney Winter.											Not described.
Wick. R. Syn. Wick's Everlasting. [Probably a crab.]											Do.
Wick's Everlasting. Hort'72. Syn. of Wick.											Do.
Wild Crab. MinnEXR'90.											Do.
Wildcr. L. Syn. Col. Wilder.	Iowa										
Winona. R. Syn. Winona Chief. [May be an apple.]											
Winona Chief. Hort'72. Syn. of Winona.											
Winona Crab. R. Syn. Winona Chief.											
Winona Crab. MinnEXR'90.											
Winter Gem. Hort'69.	Ill.						a			vl	
Winter Golden. L. Syn. Winter Golden Sweet.	Wis.	ob	l	y			s			l	
Winter Golden Sweet. MoH'86. Syn. of Winter Golden.											Do.
Winter King. Cat.											Do.
Winter No. 2. RNY'69.											Do.
Winter Pear. BBL.											Do.
Winter Sweet. JVL.											Do.
Winthrop. RNY'69.											Do.
Wisconsin. Hort'72. Syn. Wisconsin Sweet Mammoth.	Wis.										Do.
Wisconsin Seedling No. 1. AHortA'70.											Do.
Wisconsin Seedling No. 3. AHortA'70.											Do.
Wisconsin Sweet Mammoth. Cat. Syn. of Wisconsin.											Do.
Wood. MinnEXR'90. Syn. Woods.											Do.
Woods. MoH'82. Syn. of Wood.											Do.
Woodward. R. Syn. Woodward's Winter.											Do.
Woodward's Winter. Hort'72. Syn. of Woodward.											Do.
Woodward's No. 2. Hort'72.											
Xanthocrab. SDB'85.	Eur.	robl	m	y	fj	y	sa		dc	l	Black Warrior is a synonym of Warrior apple.
Yates. TVM. Syn. Red Warrior.			vl	drs							Not described.
Yellow. Lin. Syn. Amber Crab, Golden Beauty, Yellow Siberian Crab.											
Yellow Arctic. Cat.		r	s	y			a	g	k	me	
Yellow Siberian. D. Syns. Amber, Large Yellow Siberian.	Eur.	r	s	y			a	g	k	m	
Yellow Siberian Crab. NEF'26. Syn. of Yellow.											
Young America. W&TSCo.			l	r	fj			vg	d		

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COMPILER'S NOTE TO THE SECOND EDITION.

Since the publication of the first edition of this bulletin much information not heretofore available has been secured. Some of this matter is new, but a large proportion of it has been derived from the manuscript notes of Mr. Charles Downing, made after his last publication was issued. These notes are very voluminous and in many instances they correct Mr. Downing's published conclusions in regard to varieties, etc. Many changes and corrections that appear in these addenda are made on the authority of Downing's manuscript, for the use of which we are indebted to the Iowa State College of Agriculture and Mechanic Arts, where these valuable papers belong.

Many other changes, amendments, and corrections have resulted from correspondence with Mr. Benjamin Buckman, of Illinois, from whose long list of undescribed varieties which he is testing many quotations were made in the first edition of this bulletin. The compiler is also indebted to many others for valuable assistance in detecting and pointing out errors and in suggesting desirable changes. A further and more diligent search of the American literature of the apple has resulted in the discovery of a few additional varieties and several synonyms that will not be found in the body of the work. They are here added in alphabetic order, with such information concerning origin and such descriptions as have been found available.

An effort made some years ago to abbreviate and simplify the nomenclature of varieties, however desirable it may have been on many accounts, has not always met with popular approval, and in some cases it has brought about a conflict with existing names. For this reason a few names have been restored to their original forms, the most notable of which are Cole Quince, Rhode Island Greening, Rome Beauty, and Smith Cider.

W. H. R.

WASHINGTON, D. C., *July 19, 1905.*

ADDITIONS AND CORRECTIONS.

ADDITIONAL ABBREVIATIONS USED IN DESIGNATING THE PUBLICATIONS QUOTED.

Insert the following:

Page.

- 13 Al&H Alexander & Hammond, catalogue, Biggs, Cal.
- 13 AmAg American Agriculturist.
- 15 EYT Teas, E. Y., catalogue, Richmond, Ind.
- 15 HEH&B ... Hooker, H. E., & Bro., catalogue, Rochester, N. Y.
- 16 JHS&S Settlemier, J. H., & Son, catalogue, Woodburn, Oreg.
- 18 OreAg Oregon Agriculturist and Rural Northwest.
- 19 SC Crane, Stephen, catalogue, Norwich, Conn.
- 19 SWS Snyder, S. W., catalogue, Center Point, Iowa.

ADDITIONS AND CORRECTIONS IN CATALOGUE OF VARIETIES.

Page.

- 21 Insert "*Abbott?* W. Syn. of Finley."
- 21 After "*Abbott Lawn*," insert "R."
- 21 After "*Abbott's Lawn*," insert "RNY'69."
- 21 As synonyms of "*Abraham*. L." add "*Abram*," "*Bullett*" (page 58), "*Green Abram*" (page 128), and "*Red Abram*" (page 249).—*Downing's Manuscript*.
- 23 To the synonyms of "*Alexander*. NEF'32." add "*Princess Louise*."
- 24 After "*Allen Favorite*. BBL," insert "Syn. *Allen's Favorite*."
- 24 Insert "*Allen's Favorite*. JB'93. Syn. of *Allen Favorite*."
- 24 "*Alstott*" originated in Kentucky.—*Benj. Buckman*.
- 25 Insert "*American Blush*. JHS&S. Syn. of *Hubbardston*."
- 26 "*Andrew Winter*" originated in the South.—*Benj. Buckman*.
- 26 "*Aniere*" is of French origin.—*Benj. Buckman*.
- 34 For "*Baker's Eastern Pippin*" read "*Baker's Easter Pippin*."
- 35 "*Baltzley*" and "*Baltzhey*" are the same.—*Downing's Manuscript*. "*Baltzley*" is correct.
- 35 "*Banks Exhibition*" is an English variety.—*Benj. Buckman*.
- 37 Insert "*Barringer*. AmAg'05. Syns. *Coon*, *Pride of the Hudson*."
- 37 "*Batingme*" and "*Bartingme*" are one.—*Benj. Buckman*. "*Bartingme*" is correct.
- 37 "*Bauman*" and "*Beauman*" (page 38) are identical.—*Downing's Manuscript*. Hogg spells it "*Baumann*," which is probably correct.
- 37 "*Battulen*" and "*Batullen*" are one. It is a Russian variety.—*Benj. Buckman*.
- 39 Cancel "*Beel Tlikano Uskaja*. Gb. Syn. of *White Telikanoff*."
- 40 "*Belle Bonne*" and "*Burnham*" (page 59) are probably identical.—*Downing's Manuscript*.
- 41 "*Belle Pool of Vermont*" is probably identical with "*Bess Pool*" (page 43).—*Benj. Buckman*.
- 43 "*Berry*. W." is doubtless "*Nickajack*" (page 211).—*Downing's Manuscript*.
- 43 "*Berkett*" should be "*Borkoff*" (page 50).—*Benj. Buckman*.
- 43 For "*Berlin Colville*," read "*Berlin Calville*."—*Benj. Buckman*.

Page.

- 43 "**Bethlehemite**" and "**Ohio Winter**" (page 218) are probably identical.—*Downing's Manuscript.*
- 44 "**Better than Good**" and "**Juicy Bite**" (page 159) appear to be identical.—*Downing's Manuscript.*
- 44 "**Betts**" is of Southern origin.—*Benj. Buckman.*
- 44 "**Betty Geeson**" and "**Betty Gleason**" are probably identical. Origin, British Isles.—*Benj. Buckman.*
- 47 "**Black Sweet**" is not "**Moore Sweet**" (page 202).—*Benj. Buckman.*
- 49 Cancel (line 8) "**Blunt.** ColExR'89."
- 53 "**Braddick**" and "**Bradwick**" are probably identical.—*Downing's Manuscript.*
The former is probably correct.
- 53 "**Brakefield**" is a California seedling.—*Benj. Buckman.*
- 53 "**Bramtot**" is of French origin.—*Benj. Buckman.*
- 54 For "**Brigg,**" read "**Briggs.**"
- 54 "**Brilliant.** Dap." originated in Kentucky, not in Ohio.
- 55 "**Broadax**" and "**Broadnax**" are probably identical.—*Downing's Manuscript.*
- 55 After "**Broadwater.** Dap.," insert "Syn. Wheatyard."
- 55 "**Brooke Pippin**" and "**Yellow Newtown**" (page 346) are not the same.—*Downing's Manuscript.*
- 57 Insert "**Bryson.** R. Syn. Bryson's Seedling." Origin, North Carolina; size, large; color, red; quality, good; season, late.
- 57 Insert "*Bryson's Seedling.* FDNCo. Syn. of Bryson."
- 57 To the synonyms of "**Buckingham**" add "Illinois Buckingham."
- 57 Insert "**Buckley.** R&P." Origin, Lancaster County, Pa.
- 58 Insert "*Bullock Pippin of Pennsylvania.* FDNCo. Syn. of Ewalt."
- 58 The description of "**Bunkerhill**" appears one line below the name.
- 60 "**Bush**" and "**Summer Pippin**" (page 300) are probably identical.—*Downing's Manuscript.*
- 61 Insert "*Byam's Sweet.* D. Syn. of Byam."
- 61 Insert "*California Seedling.* Al&H. Syn. of Marshall Red."
- 63 "**Canada Reinette**" and "**Vigan**" (page 320) are probably identical.—*Downing's Manuscript.*
- 65 "**Carolina Baldwin**" and "**Caroline**" (page 66) are distinct varieties.—*Downing's Manuscript.*
- 65 "**Carolina Baldwin**" and "**Royal Limbertwig**" (page 269) appear to be identical.—*Downing's Manuscript.*
- 65 After "**Carolina Greening.** W.," insert "Syns. Green Cheese, Green Crank, Southern Golden Pippin, Southern Greening."
- 66 Insert "**Carpenter Choice.** R. Syns. Carpenter's Choice, Whitney Winter." Origin, Iowa; size, small; flavor, subacid; quality, good; season, late.
- 66 Insert "*Carpenter's Choice.* SWS'04. Syn. of Carpenter Choice."
- 69 "**Champlain,**" "**Sour Bough**" (page 288), "**Summer Pippin**" (page 300), and "**Tart Bough**" (page 307) may be identical.—*Downing's Manuscript.*
- 69 "**Chaney**" and "**Cheney**" (page 70) are probably identical.—*Downing's Manuscript.*
- 70 "**Chase Golden**" is probably a synonym of "**Garland**" (page 117).—*Downing's Manuscript.*
- 70 "**Cheese of Pennsylvania**" is probably "**Cheese**" of Downing.—*Benj. Buckman.*
- 71 For "**Chippin of Wine,**" read "**Chippin of Wisconsin.**"
- 73 "**Clayton**" and "**Boyd**" (page 52) are probably identical.—*Downing's Manuscript.*
- 75 "**Cogswell**" and "**Ohio Nonpareil**" (page 218) appear to be identical.—*Downing's Manuscript.*

Page.

- 75 "**Coeur d'Alene**" is probably a seedling of the State of Washington.—*Benj. Buckman.*
- 76 Insert "**Cole Quince**. R. Syns. Cole's Quince, Turn off Lane."
- 76 After "*Cole's Quince*. Cole.," for "Syn. of Quince (Cole)," read "Syn. of Cole Quince."
- 76 After "**Columbian Russet**. Lin.," for "Syn. Brown's Imperial Russet," read "Syn. Bowne's Imperial Russet."
- 78 Insert "*Coon*. AmAg'05. Syn. of Barringer."
- 78 "**Coos**" is from Washington State.—*Benj. Buckman.*
- 81 "**Crain**" and "**Craine Spice**" are probably one.—*Benj. Buckman.*
- 83 "**Crockson**" was received from R. J. Black, of Ohio. Perhaps it originated there.—*Benj. Buckman.*
- 84 After "**Curtis Greening**. W.," insert "Syns. Illinois Greening [page 152], New Rhode Island Greening [page 210], Sweet Rhode Island Greening [page 305]."—*Downing's Manuscript.*
- 85 "**Cuttahee**" and "**Cullawhee**" (page 83) are probably identical.—*Benj. Buckman.*
- 86 "**Davage**" should read "**Davidge**."—*Downing's Manuscript.*
- 88 "**Dery**" and "**Roseau**" (page 267), or "**Pomme de Fer**" (page 237), are distinct varieties.—*Prof. F. A. Waugh.*
- 89 "**Dickinson**" and "**Dickenson**" are identical.—*Downing's Manuscript.*
- 93 For "**Doyleston**" read "**Doylestown**."
- 94 All the "**Dumelows**" are the same.—*Benj. Buckman.*
- 95 "**Early Bellflower**" and "**Early Nonsuch**" (page 97) are probably identical.—*Downing's Manuscript.*
- 96 "**Early Calkins**" and "**Summer Pippin**" (page 300) are the same.—*Downing's Manuscript.*
- 96 To the synonyms of "**Early Harvest**" add "Summer Pippin."
- 97 For "**Early Long Stem**" read "**Early Longstem**."
- 101 "**Ella Park**" is probably the same as "**Lawver**" (page 176).—*Downing's Manuscript.*
- 103 "**Erie**" and "**Dobbin**" (page 90) are the same.—*Downing's Manuscript.*
- 105 To the synonyms of "**Ewalt**" add "Bullock Pippin of Pennsylvania."
- 105 "**Fabin**" and "**Red Pound**" (page 254) are identical.—*Downing's Manuscript.*
- 107 "**Fall Seek-no-further**" is a synonym of "**Watson**" (page 325).—*Downing's Manuscript.*
- 108 "**Faust Rome Beauty**" should be "**Rome Beauty**."—*Benj. Buckman.*
- 109 "**Fell**" and "**Nelson Sweet**" (page 208) are probably identical.—*Downing's Manuscript.*
- 110 To the synonyms of "**Finley**" add "Abbott?"
- 110 "**Finley**" and "**Finley Pippin**" are probably identical.—*Downing's Manuscript.*
- 111 "**Flat Sweet** (Am.)" and "**Flat Sweet** (Eastern)" are doubtless identical.—*Downing's Manuscript.*
- 111 "I think '**Floyd**' is a native of Virginia."—*Benj. Buckman.*
- 118 For "**Gavet**" read "**Gavel**."—*Downing's Manuscript.*
- 118 Insert "*General Lee*. JBW&B. Syn. of Virginia Greening."
- 119 "**German Seedling**" originated in Missouri.—*Benj. Buckman.*
- 121 Insert "**Glendale**. GHM&S." Origin, Kentucky; size, large; color, yellow red; season, very late. Distinct from "Glendale" of Warder.
- 123 For "**Golden Goss**" read "**Golden Gauss**."—*Downing's Manuscript.*
- 123 For "**Golden Pippin** (Mass.). D. Syn. Pittstown Pippin" read "**Golden Pippin** (Mass.). D. Syn. of Pittstown."

Page.

- 125 "**Gold Ridge**" originated in California.—*Benj. Buckman.*
- 127 "**Grassy Mountain**" is thought to be from Virginia.—*Benj. Buckman.*
- 128 "**Great Mogul**" and "**Grosser Mogul**" (page 132) are identical.—*Benj. Buckman.*
- 128 Insert "*Green Cheese.* PJB'94. Syn. of Carolina Greening."
- 129 Insert "*Green Crank.* PJB'94. Syn. of Carolina Greening."
- 129 Among the synonyms of "**Green Newtown**," for "Newtown Pippin" read "Newton Pippin."
- 131 "**Geist**" and "**Griest**" are the same.—*Downing's Manuscript.*
- 132 To the synonyms of "**Grosh**" add "Libhart."
- 132 Insert "*Gross.* JAY. Syn. of Nickajack."
- 133 For "**Grouzin**" read "**Grouzier**."
- 133 For "**Gully W.**" read "*Gully W.*"
- 138 "**Haskell**" and "*Haskall Sweet*" appear to be distinct varieties.—*Downing's Manuscript.*
- 138 Insert "*Haslep.* FDNCo. Syn. of Heslep."
- 140 "**Hemmenger**" and "**Hemmingberger**" are probably identical.—*Benj. Buckman.*
- 141 "**Henry Clay**" is thought to be a California seedling.—*Benj. Buckman.*
- 141 "**Herndon**" and "**Sangamon**" (page 274) are the same. It originated in Illinois.—*Benj. Buckman.*
- 142 After "**Heslep.** A'97," insert "Syn. Haslep."
- 143 "**Himbeer**" is probably "**Livland Raspberry**" (page 181).—*Benj. Buckman.*
- 145 As a synonym of "**Hollister**" add "Red Winter Sweet."—*Benj. Buckman.*
- 145 "**Hollman**" may prove to be "**Minkler**" (page 199).—*Benj. Buckman.*
- 147 In the description of "**Hoover**," for "yrs" read "drs."
- 149 To the synonyms of "**Hubbardston**" add "American Blush."
- 150 For "**Hubbardston Pippin**" read "**Hubbardton Pippin**."
- 152 For "**Hybill**" read "**Hyfill**."
- 152 Insert "*Illinois Buckingham.* GarM'60. Syn. of Buckingham."
- 152 For "**Illinois Greening.** W." read "*Illinois Greening.* W. Syn. of Curtis Greening."—*Downing's Manuscript.*
- 153 For "**Iowa.** Hort'70. Syn. Iowa Russet" read "*Iowa.* Hort'70. Syn. of Iowa Russet."
- 154 For "*Iowa Russet.* Dap. Syn. of Iowa" read "**Iowa Russet.** Dap. Syn. Iowa."
- 155 "**Ize**" originated in Sangamon County, Ill.—*Benj. Buckman.*
- 159 For "**Jones's Green.** R." read "**Jones Green.** R."
- 159 For "**Jones's Seedling.** JVL." read "**Jones Seedling.** JVL."
- 159 For "**Jones's Seedling of N. Z.**" read "**Jones Seedling of N. Z.**"
- 160 "**Jumbo**" is a very large apple received from the Virginia Experiment Station.—*Benj. Buckman.*
- 161 For "**Kalkidou**" read "**Kalkidon**."
- 161 "**Kansas Keeper**" is not "**Stark**."—*Benj. Buckman.*
- 162 "**Keespomet**" is probably "**Keeskemet**."—*Benj. Buckman.*
- 162 "**Keiser Fall**" is probably of Pennsylvania origin.—*Benj. Buckman.*
- 162 "**Keiser William**" should read "**Kaiser Wilhelm**" (page 161).—*Benj. Buckman.*
- 163 For "**Kentucky Long Stem**" read "**Kentucky Longstem**."
- 164 "**Kentucky Sweet**" and "**London Sweet**" (page 182) are the same here.—*Benj. Buckman.*
- 165 "**Kineaid**" is a Menard County, Ill., early fall apple.—*Benj. Buckman.*
- 171 "**Lady Waldron**" is of English origin and distinct from "**Waldon**" (page 323).—*Benj. Buckman.*

Page.

173 Insert "*Larau*. SC'95. Syn. of *Baxter*."

177 "*Lehigh*" and "*French Pippin*" (page 115) appear to be identical.—*Downing's Manuscript*.

179 Insert "*Libhart*. GarM'60. Syn. of *Grosh*."

179 Insert "*Liebig*. CanH'94." Size, large; quality, poor; season, late.

179 Insert "*Lincoln* (Tex.). GO'01." Origin, Texas; size, large; color, green; flavor, acid; quality, good; season, medium.

180 Insert "*Lincoln Sweet*. GarM'72."

181 Insert "*Livingston*. AmAg'01." Origin, New York; size, large; color, greenish yellow with red stripes; season, medium.

189 "*Magnet*" originated with Dr. J. Stayman, and is his seedling "*No. 2 Stayman*" (page 213).—*Benj. Buckman*.

189 "*Mahoning*" is doubtless a Pennsylvania variety.—*Benj. Buckman*.

189 "*Major*" is probably "*Nero*" (page 208).—*Downing's Manuscript*.

192 To the synonyms of "*Marshall Red*" add "*California Seedling*."

193 "*Martha Washington*" is probably a Ben Davis seedling.—*Benj. Buckman*.

194 Insert "*Maron's Seedling*. OreAg'05. Syn. of *Spokane*."

197 "*Middleton Greening*" is from southern Illinois. It is worthless here.—*Benj. Buckman*.

199 Insert "*Mills*. JVL'01." Origin, North Carolina; color, yellow; quality, good; season, medium.

200 "*Mrs. Bryan*" is from Georgia and is the same as "*Bryan*" (page 57).—*Benj. Buckman*.

200 "*Modoc*" is a large, red, winter apple, a seedling, probably from Arkansas.—*Benj. Buckman*.

201 Insert "*Monn*. SWS'04." Origin, Iowa; size, large; color, green with blush; flavor, subacid; season, late.

205 "*Munroe Favorite*" is from New Zealand.—*Benj. Buckman*.

209 Cancel "*New Greening*," its synonyms, and descriptions.

210 After "*New Rhode Island Greening*. Dap.," for "Syn. of *New Greening*" read "Syn. of *Curtis Greening*."

211 "*New York Early*" with me is "*Colton*" (page 76).—*Benj. Buckman*.

211 To the synonyms of "*Nickajack*" add "*Gross*."

212 "*Noble Scovari*," as I have it, may not be the proper spelling.—*Benj. Buckman*.

212 Nos. 4, 5, and 13 and 14 (page 213) "*Babcock's*" are from Arkansas.—*Benj. Buckman*.

213 Nos. 1, 2, 3, 4, and 5 "*Coote*" are from Oregon.—*Benj. Buckman*.

213 Nos. 3 and 20 "*Gideon*" are from Minnesota.—*Benj. Buckman*.

213 Nos. 1, 2, 3, and 4 "*Herren's*" are from Kentucky.—*Benj. Buckman*.

213 Nos. 1, 2, 3, 5, and 6 "*Randall*" are from California.—*Benj. Buckman*.

213 "*No. 1 Rifle*" is from Kentucky.—*Benj. Buckman*.

213 Nos. 1 and 2 "*Stayman*" are from Kansas. "*No. 2*" is *Magnet* (page 189).—*Benj. Buckman*.

213 Nos. 1 and 2 "*Wilson*" are from Illinois.—*Benj. Buckman*.

214 "*Nord Star*" should read "*North Star*" (page 215).—*Benj. Buckman*.

215 "*North Carolina Baldwin*" is probably "*Carolina Baldwin*" (page 65).

216 "*Oakes* (Mass.)" is probably "*Fall Harvey*" (page 106).—*Downing's Manuscript*.

217 "*Ober*" is from California. Probably originated there.—*Benj. Buckman*.

218 Insert "*Old Adam*. GarM'71."

218 For "*Old Field*" read "*Oldfield*."

221 After "*Orange Pippin* (Fr.)" insert "*K*. Syn. *Marigold*."

221 "*Orchard*" and "*Ramshorns*" (page 248) are the same.—*Downing's Manuscript*.

Page.

- 225 "*Park Spice*" was first published in the *Horticulturist* in 1864.
- 229 Downing thought "**Pen**" would prove to be "**Baldwin**" (page 35).—*Downing's Manuscript*.
- 229 "*Pennsylvania Cider*" and "**Smith Cider**" (page 286) are not the same.—*Benj. Buckman*.
- 230 "**Perkins**," "**Habersham**" (page 134), and "**Ralph**" (page 247) may prove to be identical.—*Downing's Manuscript*.
- 230 "**Peter Porter**" was received from Missouri.—*Benj. Buckman*.
- 235 For "*Poet Dalrymple*." BBL. Syn. of *Poet*" read "**Poet Dalrymple**." BBL."
- 237 "*Pomme de Fer*" is a synonym of "**Roseau**" (page 267).—*Prof. F. A. Waugh*.
- 238 "**Ponyik**" is thought to be a Hungarian variety.—*Benj. Buckman*.
- 239 "**Pottinger**," "**Virginia Red**" (page 321), and "**Winter Red**" (page 340) are probably the same.—*Downing's Manuscript*.
- 240 Insert "*Pound Pippin*." HEH&B. Syn. of *Colvert*."
- 240 "**Pownal**" and "**Vanderspiegel**" (page 318) are the same.—*Downing's Manuscript*.
- 242 For "**Pride of the Hudson**." A'99." read "*Pride of the Hudson*." A'99. Syn. of *Barringer*."
- 243 Insert "*Princess Louise*." JHS&S. Syn. of *Alexander*."
- 244 Insert "*Pumpkin Russet*." E&B'02. Syn. of *Pumpkin Sweet* (Ct.)."
- 244 To the synonyms of "**Pumpkin Sweet** (Ct.);" add "*Pumpkin Russet*."
- 245 For "*Queen's Apple of Forsythe*" read "*Queen's Apple of Forsyth*."
- 246 "**Quince** (Cole)" and the synonyms and descriptive matter following it should be stricken out, as the original name, "*Cole Quince*," has been restored and inserted in these addenda.
- 249 Insert "**Rauch**." R. Syn. *Tobias Rauch*." Origin, Iowa; size, large; color, dark red; season, very late.
- 255 "**Red Riches**," of Stark, has proved to be "*Little Romanite*" ("**Gilpin**").—*Benj. Buckman*.
- 257 For "**Red Winter Sweet** (Ill.). IllH'70." read "*Red Winter Sweet*." IllH'70. Syn. of *Hollister*."
- 260 "**Reist**" and "**Riest**" (page 263) are the same. "**Reist**" appears to be correct.—*Downing's Manuscript*.
- 261 For "**Rhode Island**." (LC)." read "**Rhode Island Greening**." DomEnc." This restores the original name.
- 261 Cancel "*Rhode Island Greening*." DomEnc. Syn. of *Rhode Island*."
- 264 "*Roberson's White*" and "**Robertson White**" are one.—*Downing's Manuscript*.
- 265 "**Rock Pippin**" may be "**Lansingburg**" (page 173).—*Benj. Buckman*.
- 266 "**Roman Sweet**" and "**Striped Sweet Pippin**" (page 297) are probably one.—*Downing's Manuscript*.
- 267 "**Rosea**." IllB45." is probably "**Roseau**."
- 267 Insert "**Roseau** (so called)." MHSC'76." Origin, France; size, medium; color, dark red; flavor, subacid; quality, good; season, medium. This may be "**Roseau**."
- 269 Insert "**Royal Henry**." SWS'04." Origin, Iowa; size, medium.
- 269 "**Royal Limbertwig**" and "**Carolina Baldwin**" (page 65) are probably identical.—*Downing's Manuscript*.
- 270 "**Ruedy**" is a western variety, perhaps from Idaho.—*Benj. Buckman*.
- 272 After "*Sailly Autumn*" insert "D."
- 273 "**Saloine**" is probably an error for "**Salome**."
- 274 Insert "**San Jacinto**." TVM'03." Origin, Texas; size, large; color, red striped; flavor, subacid; quality, very good; season, early.
- 275 "**Santa**," of Downing's Appendix, is doubtless a misprint for "**Santa**" (page 274). They are identical.—*Downing's Manuscript*.

Page.

- 275 "Sawyer" and "Sayler" are the same, as I have them.—*Benj. Buckman.*
- 275 "Scarlet Cranberry" is "Ben Davis" (page 41), according to the records of this office.
- 276 "Schaffer" and "Shaffer" (page 279) are one.—*Downing's Manuscript.*
- 277 "Scott Winter" and "Wilcox" (page 334) appear to be identical.—*Downing's Manuscript.*
- 282 To the synonyms of "Shockley" add "Sweet Romanite."
- 282 "Shoemaker" is probably a seedling of "Oldenburg" (page 218).—*Benj. Buckman.*
- 282 Insert "Shrinetown. R. Syn. Shrinetown Pippin." Quality, very good; season, late.
- 282 Insert "Shrinetown Pippin. FDNC'01. Syn. of Shrinetown."
- 283 For "Sigfried" read "Siegfried."—*Downing's Manuscript.*
- 286 For "Smith. Ind11'72." read "Smith Cider. R.," which restores the original name.
- 286 After "Smith's Cider. D.," for "Syn. of Smith" read "Syn. of Smith Cider."
- 286 Reverse the order of "Smith's Winter" and "Smith Winter."
- 288 Insert "Sour and Sweet. GarM'71. Syn. of Sweet and Sour."
- 288 Insert "Sour Golden Pippin. PJB'94. Syn. of Carolina Greening."
- 288 Insert "Southern Greening. PJB'94. Syn. of Carolina Greening."
- 289 Insert "Spencer Seedless. RNY'05." Origin, Colorado?
- 290 "Spice Pippin" is "Newark Pippin" (page 200).—*Downing's Manuscript.*
- 290 Insert "Spice Pippin. NWF'55. Syn. of Spice Sweet (1)."
- 290 "Spice Russet" and "Wonderlich" (page 342) are probably the same.—*Downing's Manuscript.*
- 290 To the synonyms of "Spice Sweet (1)" add "Spice Pippin."
- 290 Insert "Spokane. R. Syns. Maxon's Seedling, Spokane Beauty."
- 290 Insert "Spokane Beauty. OreAg'05. Syn. of Spokane."
- 292 "Stayman Superior" has proved to be "Magnet" (page 189).—*Benj. Buckman.*
- 293 "Stein" should read "Stine," and appear on page 294.—*S. C. Satterthwait.*
- 293 "Stevenson Pippin" and "Dwight" (page 95) appear to be synonyms of "McAfee" (page 186).—*Downing's Manuscript.*
- 294 "Stewart Nonpareil" is probably "Redstripe" (page 255).—*Downing's Manuscript.*
- 295 After "Stonewall Jackson," for "D." read "Dap." This may prove to be "Esopus" (page 103).—*Downing's Manuscript.*
- 300 Insert "Summer Pippin. R&P. Syn. of Early Harvest."
- 300 "Summer Queen of Missouri" is probably "Alexander" (page 23).—*Downing's Manuscript.*
- 300 Insert "Summer Rambo. R&P. Syn. of Summer Rambo of Pennsylvania."
- 300 After "Summer Rambo of Pennsylvania. FDNCo." insert "Syn. Summer Rambo."
- 302 "Sutton Seedling" is probably a synonym of "Limbertwig" (page 179).—*Downing's Manuscript.*
- 303 After "Sweet and Sour. DomEnc.," insert "Syn. Sour and Sweet."
- 305 After "Sweet Rhode Island Greening. Dap.," for "Syn. of New Greening. [Probably identical with Curtis Greening.]" read "Syn. of Curtis Greening."—*Downing's Manuscript.*
- 305 Insert "Sweet Romanite. PJB'01. Syn. of Shockley."
- 308 "Tecumseh" originated in Nebraska, and was first named "Young's Sweet."—*Benj. Buckman.*
- 308 "Templeton" and "Sweet Russet" (page 305) are probably one.—*Downing's Manuscript.*
- 312 Insert "Tobias Rauch. SWS'04. Syn. of Rauch."

Page.

- 313 "**Towne**" and "**Boxford**" (page 52) are probably identical.—*Downing's Manuscript*.
- 315 After "**Turn off Lane**. A'79.," for "Syn. of Quince (Coles)" read "Syn. of Cole Quince."
- 316 "**Uchella**. IllB45." is not "**Maiden Blush**" (page 189).—*Downing's Manuscript*.
- 316 "**Ukiah**" is from the Pacific coast; perhaps California.—*Benj. Buckman*.
- 317 "**Uncle Billie**" originated in eastern Illinois.—*Benj. Buckman*.
- 317 Insert "**Upright Charlamoff**. SDB76. Syn. of Schroeder."
- 318 "**Vandevere Improved**" is only the old "**Vandevere**"—*Benj. Buckman*.
- 319 "**Vanoy**" is of Tennessee origin, and probably distinct from "**Vanhoy**."—*Benj. Buckman*.
- 319 "**Vaughn**" and "**Vaughn Winter**" are one.—*Benj. Buckman*.
- 320 "**Via**" and "**Via Seedling**" are probably the same.
- 320 "**Victoria Sweet**" is probably "**Granniwinkle**" (page 127).—*Downing's Manuscript*.
- 321 To the synonyms of "**Virginia Greening**" add "General Lee."
- 321 "**Virginia June** (Ind.)," "**Striped July**" (page 297), and "**Striped June**" (page 297) are probably the same.—*Downing's Manuscript*.
- 322 "**Wafer**" and "**Summer Pegatch**" [or "**Pogatch**"] (page 300) are probably identical.—*Benj. Buckman*.
- 323 "**Walker Beauty**" is probably identical with "**Ewalt**" (page 105).
- 323 Insert "**Walker Late**. TVM'03." Size, large; color, red striped; quality, very good; season, late.
- 323 After "**Walter**. CanH'97.," insert "Syn. Walter's Sweet Winter."
- 323 Insert "**Walter's Sweet Winter**. EYT'72. Syn. of Walter."
- 325 "**Watrous**" was received from Colorado; perhaps a native seedling.—*Benj. Buckman*.
- 329 "**Wheeler Sweet**" and "**Sweet Bellflower** (of Wyandot Co.)" (page 303) are identical.—*Downing's Manuscript*.
- 330 "**White Carver**" and "**Summer Extra**" (page 299) are probably the same.—*Downing's Manuscript*.
- 332 "**White Sugar**" is a distinct southern variety.—*Benj. Buckman*.
- 334 Insert "**Whitney Winter**. SWS'04. Syn. of Carpenter Choice."
- 334 "**Whitsell**" should read "**Whiteself**," and appear on page 332.—*Downing's Manuscript*.
- 334 After "**Wileox**," strike out "R."
- 335 Insert "**William Early**. CW'95." Size, large; color, red striped; quality, good; season, medium early. Possibly not "Williams."
- 337 "**Winter Brown**" probably originated near Hamilton, Ill.—*Benj. Buckman*.
- 340 After "**Winter Rose**. CanExR'96.," insert "Syn. Beekman."
- 340 Insert "**Winterstein**. CNC'02." Originated at Santa Rosa, Cal.
- 343 Insert "**Worley**. R. Syn. Worley's Red."
- 343 Insert "**Worley's Red**. FDNCo. Syn. of Worley."
- 343 As a synonym of "**Wright Janet**" add "Janet (of Muir)."
- 346 "**Yellow Sap**" was received from Doctor Stayman; perhaps it is of Kansas origin.—*Benj. Buckman*.
- 361 "**Ampla**" is of French origin.—*Benj. Buckman*.
- 361 "**Atropurpurea**" is very showy, deep red, from France.—*Benj. Buckman*.
- 361 "**Barbaric**" is a native of France.—*Benj. Buckman*.
- 362 "**Blanc Molett**" is a French crab.—*Benj. Buckman*.
- 363 "**Cerise**" came from France.—*Benj. Buckman*.
- 363 "**Coeruleascens**" is of French origin.—*Benj. Buckman*.
- 364 There are probably two varieties of crab under the name "**Excelsior**."—*Downing's Manuscript*.

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- 364 Insert "**Exquisite**. EYT72."
- 364 "**Fastigiata**" is a French crab.—*Benj. Buckman*.
- 365 "**Flavescens**" came from France.—*Benj. Buckman*.
- 365 "**Frequin**" is a native of France.—*Benj. Buckman*.
- 366 "**Hamilton**" is a very large, native, green crab, from Iowa.—*Benj. Buckman*.
- 367 "**Kaida**" is a French variety.—*Benj. Buckman*.
- 368 "**Mathews**" is a native crab from Iowa, very large, green.—*Benj. Buckman*.
- 369 "**Montreal**" and "*Montreal Waxen*" are quite probably distinct varieties.—*Downing's Manuscript*.
- 371 "**Queen**" and "*Montreal Waxen*" (page 369) are probably identical.—*Downing's Manuscript*.

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- No. 25. Miscellaneous Papers: I. The Seeds of Rescue Grass and Chess. II. Saragolla Wheat. III. Plant Introduction Notes from South Africa. IV. Congressional Seed and Plant Distribution Circulars, 1902-1903. 1903. Price, 15 cents.
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