

- 1863 Passage of the National Bank Act
- 1864 Thorough revision and strengthening of the Act
- 1866 Complete Monopoly of note issue given to the national banks
- 1874 Substitution of a 5% redemption fund in the Treasury for a required reserve against national bank notes
- 1900 National bank notes could be issued up to 100% of the bonds back of thdm, instead of 90%, as before. Minimum capital requirement reduced from \$50,000 to \$25,000 for banks in small towns.
- 1913 Many important changes made by Fed. Res. Act:
(1) power granted to natl. banks to rediscount paper with newly established Reserve banks; (2) reserve requirements reduced and much lower requirement attached to time deposits; (3) natl. banks required to joint Fed. Res. System; (4) powers of natl. banks
-

extended to making loans on real estate, accepting bills drawn in foreign trade, engaging in trust and savings business.

- 1916 Reserve Act revised to permit members to borrow on their own promissory notes secured by obligations of the government or by eligible paper. Power to accept drafts broadened to include domestic shipments, commodities in storage, and the creation of dollar exchange.
- 1917 Reserve requirements of member banks further reduced, and whole of the required reserve had to be carried in Reserve Banks
- 1927 McFadden Pepper Act. Natl. banks permitted to retain existing branches but acquisition of others confined to city in which head office was located. No branches permitted where state banks were forbidden to establish them. Further leeway granted with respect to loans upon real estate. National banks permitted to enter field of investment banking.

1933 Federal Deposit Guaranty system established. Natl. bank permitted to exercise same freedom re creation of branches as is accorded to state banks in the state where natl. bank is situated. Natl. banks must conform to capital and other requirements laid down by the Federal Government. Minimum capitalization increased to \$50,000 for new natl. banks. Double liability abolished on new stock. Regulation and supervision imposed upon chain and group banking. Payment of interest on demand deposits forbidden and rates paid on time deposits subjected to regulation by B/G of FRS. Restrictions placed upon purchases of securities by member banks. Members were required to dispose of their investment depts. or affiliates.

Guaranty of bank deposits introduced through establishment of Federal Deposit Insurance Corporation.

An emergency banking act, also in 1933, authorized the issue of cumulative preferred stock by natl. banks, in order to improve the ratio of capital to deposit liabilities. Officers and directors of banks may be removed by B/G for 'unsound practices.' Member banks forbidden to lend to their officers.

1935 National bank notes abolished. B/G of FRS given permanent power to change reserve requirements; power to make loans on real estate considerably extended. Double liability of stockholders abolished for all stock. Required surplus increased to 100% of the capital stock. Maximum amount of deposit guaranteed by F.D.I.C. set at \$5,000 and required annual premium fixed at 1/12 of 1% of the insured bank's deposits. Direct loans from a Reserve bank may be obtained for as long as 4 months, and on any sort of collateral acceptable to the Reserve bank. Loans to officers permitted, but not to exceed \$2,500.

AILES, M. E.

**National banking system and federal bond
issues, THE ANNALS OF THE AMERICAN ACADEMY OF
POLITICAL & SOCIAL SCIENCE, XXXVI,
1910, pp. 592-606.**

ANDERSON, George L.

Western Attitude toward National
Banks, 1873-1874. paper presented at annual meeting
of the MISSISSIPPI VALLEY HISTORICAL ASSOCIATION, 27th
annual meeting at Columbia, Missouri, April 26-28,
1934.

ANDERSON, G. La V.

THE NATIONAL BANKING SYSTEM, 1865-1875, A
SECTIONAL INSTITUTION. Urbana, Illinois:
1933. 9 pp.

Anonymous

**History of the national banking system,
RAND-MCNALLY BANKERS MONTHLY,
December, 1904.**

BOLLES, A. S.

THE NATIONAL BANK ACT AND ITS JUDICIAL
MEANING, WITH AN APPENDIX. New York:

1st ed., 1888. Pp. xix, 375 (Supplement)
1892.

Philadelphia: 4th ed., 1910. Pp. lvi, 556.

Indianapolis: 10th ed., 1900.

11th ed., new and enl., 1903. Pp. ix,
491.

Cannon, Henry White (1850 -

The National Banking System. A
lecture delivered at Harvard University
Dec. 8, 1910.

New York ? 1910 ? 23 pp.

Harvard
Business School

CLARK, Lawrence E.

"The National Banking System," Chap. I, in
CENTRAL BANKING UNDER THE FEDERAL RESERVE SYSTEM.
New York: The Macmillan Co., 1935, pp. 1-18.

CLEVELAND, Frederick Albert (1865-)

THE BANK AND THE TREASURY; CAPITALIZATION AND THE
PROBLEM OF ELASTICITY. New York: Longmans,
rev. ed., 1908. Pp. 371.

national banking system

CLEVELAND, Frederick Albert (1865-

THE BANK AND THE TREASURY; CAPITALIZATION AND THE
PROBLEM OF ELASTICITY. New York: Longmans, Green,
rev. ed., 1908. Pp. 371.

National Banking System

CLEVELAND, F. A.

THE BANK AND THE TREASURY: BANK CAPITALIZATION AND THE PROBLEM OF ELASTICITY. New York:
1905. Pp. xiv, 326.
2nd ed., 1908. Pp. xlix, 371.

National banking system

COFFIN, G. M.

Excessive loans by national banks, BANKERS
MAGAZINE

October, 1905.

COIT, J. D.

National banks at the cross-roads, JOURNAL OF
THE AMERICAN BANKERS ASSOCIATION,
March, 1924.

COLLINS, C. W.

National banks at the cross-roads, JOURNAL
OF THE AMERICAN BANKERS ASSOCIATION,
March, 1924.

Shows how national banks have been declining in importance compared with state banks. Summarizes the provisions of the McFadden Act which aims to amend the National Bank Act so as to put national banks in competition for business. Abstract by W. O. Weyforth, AMERICAN ECONOMIC JOURNAL, XIV, June, 1924, p. 394.

CONANT, C. A.

Fifty years of the national banking system,
BANKERS MAGAZINE,
March, 1913.

DAILEY D.M.

The National Banks in the Savings Deposit
Field, [University of Chicago], JOURNAL OF
BUSINESS, Vol. IV No. 1, 1931 pp 56-67.

DAILEY Don M

National Banks in the Savings Deposit
Field, JOURNAL OF BUSINESS
January 1931, pp. 56 -

DAVIS, Andrew McFarland

THE ORIGIN OF THE NATIONAL BANKING SYSTEM.

Senate Document No. 582. 61 Congress, 2 Session.

Washington: Government Printing Office, 1910.

DAVIS, A. M.

THE ORIGIN OF THE NATIONAL BANKING SYSTEM. Senate
Document No. 582. Washington: GPO, 1912.

DAVIS, Andrew McFarland

The Origin of the National Banking System
(and Supplement).

Washington:

1910-1911.

National Monetary Commission. Senate Doc.
No. 582. pts. 1-2. 61 Congress, 2 Session.

DAVIS, Andrew M.

THE ORIGIN OF THE NATIONAL BANKING SYSTEM.

DAWES, Charles G.

THE BANKING SYSTEM OF THE UNITED STATES AND
ITS RELATION TO THE MONEY AND BUSINESS OF THE
COUNTRY. Chicago: Rand, McNally & Co.,

1894.

JAWES, Charles G.

The Banking System of the United
States and Its Relation to the Money
and the Business of the Country.

Chicago: Rand, McNally & Co., 1894

DUNBAR, C. F. and GRAY, F. W.

National banks, in Palgrave's DICTIONARY OF
POLITICAL ECONOMY, ed. by H. Higgs. Vol. I. London:

1923, pp. 102-03.

or 5

DUNBAR

ECONOMIC ESSAYS

**chaps. 14, 19: on national
banking system**

Dunbar CF

The National Banking System

QUARTERLY JOURNAL OF ECONOMICS

Oct. 1897.

The Establishment of the National
Banking System

ECONOMIC ESSAYS ed. by OMM Sprague.

New York: Macmillan 1904 pp. 227-47;

335-45

over

The Circulation of the National Banks,
1865 - 1900.

Dunbar, Charles Franklin

The national banking system.
Quarterly Journal of Economics XII,
1897 pp 1-26.

Author File

DUNBAR, Charles F.

The National Banking System, QUARTERLY JOURNAL OF
ECONOMICS, Volume 12, October, 1897. pp. 1-26.

DUNBAR, C. F.

"The National Banking System," QUARTERLY
JOURNAL OF ECONOMICS, Vol. 12, October, 1897,
pp. 1-26.

Ebersole John Franklin Money & Banking
History of the National Banking
System from 1864-1874.
University of Chicago

HER 1415

Ph B Chicago 1907 ; AM Harvard 1909
Ph D Chicago

FORSYTH, F. W.

Defects of the national banking system, RAND-
McNALLY BANKERS MONTHLY,
November, 1911.

GAGE, Lyman J.

**The national banking system, BANKERS MAGAZINE,
November, 1900.**

GOULD, J. M.

THE NATIONAL BANK ACT, WITH ALL ITS AMEND-
MENTS ANNOTATED AND EXPLAINED.

Boston:

1904. Pp. xvi, 288.

HALL, Lincoln W.

A STUDY OF THE CYCLICAL FLUCTUATIONS
OCCURRING IN THE NATIONAL BANK SYSTEM DURING THE YEARS
1903 to 1921.

Philadelphia:

1924. Pp. 99.

HALL, Lincoln W.

A Study of the Cyclical Fluctuations
Occurring in the National Banking System
During the Years 1903 to 1921.

Philadelphia,

1923 [c. 1924] 99 pp.

Ph. D. thesis, Univ. of Pennsylvania
1923

HALL, Lincoln W.

A STUDY OF THE CYCLICAL FLUCTUATIONS
OCCURRING IN THE NATIONAL BANK SYSTEM DURING
1903-21. Philadelphia: University of Pennsylvania
Press, 1923.

HALL, Lincoln W.

A STUDY OF THE CYCLICAL FLUCTUATIONS OCCURRING IN THE NATIONAL BANK SYSTEM DURING 1903-21.

Philadelphia: University of Pennsylvania,
1923.

HARDING, William Proctor Gould.

The national banks in wartime.

(Railway age. New York, 1918. 4^o. v. 65,
p. 887-889.)

HELPERMAN, Leonard C.

NATIONAL AND STATE BANKS. A STUDY
OF THEIR ORIGINS. Boston: Houghton Mifflin,
1931.

Passing the National Bank Act
Chap. VI, pp. 133-142

Principles of the National Banking
System and Their Origins, Chap VII,
pp. 143-156.

HEPBURN, A. Barton

New York and the national banking system,
QUARTERLY JOURNAL OF NEW YORK HISTORICAL ASSN.,
Vol. 1, No. 2, January, 1920.

HOGAN John V.

Bond Investments by National Banks

JOURNAL OF POLITICAL ECONOMY, Vol. 21.

November, 1913

comment on above

Hollander Jacob H. Bond Investments
by National Banks *ibid*, vol. 20 Jan.

Hollander, J.

The security holdings of national
banks, American Economic Review,
III, Dec. 1913 pp. 783-814.

HOLLANDER, Jacob H.

The security holdings of National Banks
American Economic Review,
December 1913.

HOOPER, Samuel *

An Examination of the Theory and
Effect of laws Regulating the Amount
of Specie in Banks. Boston:
1860.

Mass.

Law of 1858 =

15% reserve

involved to push thru Natl. Bank Act
in House of Reps. of US

HOOPER, Samuel (1808-75)

CURRENCY OR MONEY: ITS NATURE AND USES
AND THE EFFECTS OF THE CIRCULATION OF
BANK NOTES ON CURRENCY. Boston;
1855

SPECIE CURRENCY: THE TRUE INTERESTS
OF THE PEOPLE. Boston;
1855

HOGAN, John V.

Bond investments by national banks
(a note) Journal of Political Economy

Vol. 21 Nov. 1913 pp. 843-49.

re Supreme Court
decisions

HOGAN J.V.

Bond investments by national
banks, JOURNAL OF POLITICAL
ECONOMY, NOV., 1913.

7 pp.

Correction by

J.H. HOLLANDER - Jan. 1914

2 pp.

Dec 12 1913. J. V. Hogan
- 2 pp. -
- 2 pp. -
- 2 pp. -

HORTON, S. D.

abolished? Ought the national banking system to be
NORTH AMERICAN REVIEW,
September, 1885.

JAMES, F. Cyril

The National Banking System, 1863-1913, Chap. 12 in his book, THE ECONOMICS OF MONEY, CREDIT AND BANKING. New York: The Ronald Press, 3d rev. ed., 1940, pp. 192-211.

KEMMERER, E. W.

American banks in times of crisis under the
national banking system. PROCEEDINGS OF THE ACADEMY
OF POLITICAL SCIENCE,
1911.

KNIFFIN, W. H.

Savings departments in national banks under
the Federal Reserve Act, BANKERS MAGAZINE,
May, 1915.

~~Easy money policy~~
~~12, 16 & 22~~

KNOX, John Jay

The national banking system; an address
before the American Bankers Association. New York:
1879.

KNOX, John Jay

"Continuance of the national banking system."
An address of the Hon. John Jay Know, Comptroller of
the Currency, at the annual convention of the American
Bankers Association, at Louisville, Kentucky, October
10, 1883.

New York:

1883. Pp. 3.

LOCKHART, Oliver C.

The Development of Interbank Borrowing in the
National System, 1869-1914, JOURNAL OF POLITICAL ECONOMY,
February, 1921, pp. 138-160;
March, 1921, pp. 222-240.

M

National banks.

McCallum, John E.

Incidental powers of national banks, a recent extension. (In: Harvard business review, July, 1929, p.461-466.)

Gives the facts in the Norton case concerning extension of the "Guarantee" powers of national banks. National banks need broader powers.

MEADE, E. S.

Deposit-reserve system of the
national-bank law, JOURNAL OF POLITICAL ECONOMY,
March, 1898.

MEADE, E. S.

Deposit-reserve system of the national-
bank law, THE JOURNAL OF POLITICAL ECONOMY,
March, 1898.

MINTS, Lloyd W.

"The elasticity of bank notes," JOURNAL OF
POLITICAL ECONOMY, Volume 38,
August 1930.

re national banking system

MORTIMER, F. C.

National banks and the federal reserve system,
BANKERS MAGAZINE,
October, 1915.

MUHLEMAN, Maurice L.

Professor Sprague's History of Crises,
Bankers Law Journal, Vol. XXVII, 1910, pp. 570-674.

Review article

MURRAY, L. O.

The progress and present position of the national
banking system, BANKERS MAGAZINE,
March, 1913.

NATIONAL CITY BANK OF NEW YORK

**National Banking under the
Federal Reserve System.**

New York: N.C.B. of N.Y., 1923. Pp. 152.

NATIONAL CITY BANK OF NEW YORK

**NATIONAL BANKS OF THE UNITED STATES, THEIR
ORGANIZATION, MANAGEMENT AND SUPERVISION, 1812-1910.**

New York:

1910. Pp. ix, 251.

**A revision of earlier book: National Bank
Organization. New York: 1904.**

POLE, J. W.

National banks need branches, AMERICAN BANKERS
ASSOCIATION JOURNAL,
October, 1929.

Recommends regional branch banking for National
System, with three safeguards.

POLE, J. W.

Plight of national banking system. Under new conditions in banking field, what steps can be taken to make it of advantage to state banks and trust companies to hold national charters? BANKERS MAGAZINE (New York), June, 1929, pp. 23-26.

From an address before the Maryland Bankers Assn.

POLE, J. W.

Future of national banking system, economic and administrative factors which tend toward centralized banking control, TRUST COMPANIES,
March, 1929, p. 367.

The situation acquires added significance from the fact that the integrity of the Federal Reserve System is based upon compulsory membership of national banks and the apparently increasing tendency, as shown by recent big mergers, notably in New York, Chicago, and St. Louis, to substitute trust company for national bank charters.

POWLISON, Keith

Profits of national banks. Boston:
1931. Pp. 115.

REED, Harold L.

United States national banks, **ENCYCLOPAEDIA
OF SOCIAL SCIENCES**, ed. by E. A. R. Seligman,
Vol. XI. New York:
1933, pp. 186-189.

RICHARDSON, H. W.

THE NATIONAL BANKS. New York:
1830. Pp. 212.

SEAY, George J.

**National bank reserves, BANKERS MAGAZINE,
December, 1915.**

Moses Lewis

SCUDDER, M.L.

**NATIONAL BANKING; A DISCUSSION OF THE MERITS
OF THE PRESENT SYSTEM. New York: Putnam,
1879. Pp. (ii), 5-73.**

SCUDDER, Moses Lewis

NATIONAL BANKING. New York: Putnam,
1879. Pp. ii, 73.

SPRAGUE, Oliver M. W.

HISTORY OF CRISES UNDER THE NATIONAL BANKING
SYSTEM. National Monetary Commission. Senate
Document No. 538, 61st Congress, 2d Session.
Washington: Govt. Printing Office, 1910.

SPRAGUE, O.M.W.

Proposals for strengthening the national
banking system, Parts I-III, QUARTERLY JOURNAL OF
ECONOMICS,
February, August, and November, 1910.

M.

Sprague, O. M. W.

National banking laws improved by McFadden
Act. (In: The Annalist. March 4, 1927.
p.333)

The most satisfactory single feature of the
act is the grant of indeterminate charters to the
Federal Reserve Banks.

McFadden bill, 1926 (national banks)

SPRAGUE, O. M. W.

**"Proposals for Strengthening the National
Banking System, I, II, III.**

Vol. 24 pp. 201 ff, 634 ff.

Vol. 25 pp. 67 ff.

STEINER, W. A. and LASDON, O.

National bank security holdings 1914-31, (University
of Chicago) JOURNAL OF BUSINESS,

April, 1933.

Pp. 18.

STILWELL, Silas M.

National Finances, A Philosophical
Examination of Credit. New York:
1866

William Walker

SWANSON, W. W.

**THE ESTABLISHMENT OF THE NATIONAL BANKING
SYSTEM.** Kingston:

1910. pp. vi; 117.

Chicago: University of Chicago Press, 1910.

Review: by A. M. Davis, **AMERICAN ECONOMIC REVIEW**, Vol.
I, March, 1911, pp. 119-20.

SWANSON William Walker

The Establishment of the National
Banking System. Chicago: University
of Chicago Press 1910 Pp. 117.

Doc. dis.

Review: by A.M. Davis American Economic
Review Vol. I, March 1911 pp. 119-20

TAIT, J. S.

NATIONAL BANKS AND GOVERNMENT CIRCULATION: RET-
ROSPECTIVE AND PROSPECTIVE. New York:
1888.

National banks.

Tippetts, Charles S.

Fiduciary powers of national banks. (In
The American economic review. v.15,Se,1925.
p.417-34.)

It is becoming more and more evident that if
national bank system is to grow in power instead
of declining, conditions of operation must be
made more attractive for national banks.

Tippetts, Chas. S (au)

TRIMBLE, Rufus J.

The implied power of national banks to issue
letters of credit and accept bills, YALE LAW
JOURNAL,

April, 1949.

Pp. 30.

U.S. COMPTROLLER OF THE CURRENCY

**Digest of Decisions Relating to National
Banks, 1912-1920, with Appendices. Washington:
Comptroller of the Currency, 1920.**

U.S. COMPTROLLER OF THE CURRENCY

Historical sketch of national banking. First
Annual Report, BANKERS MAGAZINE,
March, 1913.

WALDO, D. B.

A sketch of the origin, establishing
and workings of the national banking system with
special reference to issues, MICHIGAN POLITICAL
SCIENCE ASSOCIATION PUBLICATIONS, Vol. I,
May, 1893, pp. 23-39.

WANDU, D.B.

Origins of the National Banking
System," Michigan Political Science
PUBLICATIONS, I

WETZEL, F. W.

THE NATIONAL BANK ACT AND OTHER LAWS
RELATING TO NATIONAL BANKS, BANKING AND CURRENCY.
Washington:

1911. 140 pp.

WHITE, Horace

National and state banks; a plan for continuing
the national bank-note system without bond security,
THE ANNALS OF THE AMERICAN ACADEMY OF POLITICAL &
SOCIAL SCIENCE,
March, 1893.

WILKINS, H. P.

Necessary Changes in the National
Bank Act.

George Washington University Publications
Politics & Diplomacy Series, I, No. 5.
January, 1906.

WILLIS, Henry Parker

"Necessary Changes in the National Bank Act,"
in the George Washington University Bulletin, IV, 4,
1905.

WILSON, G.

HOW TO ABOLISH THE NATIONAL BANK SYSTEM.

St. Louis, Missouri:

1879.

WILSON, G.

NATIONAL BANKING EXAMINED. Kansas City,
Missouri:
1880.

WRIGHT, C. A.

Improving the national banking system, BANKERS
MAGAZINE,
June, 1908.

M.

National banks

Young, Allyn A.

An analysis of bank statistics for the United States. (In: The Review of Economic Statistics. July, 1927. p121.)

The national banks; 1915-26.

M.

Young, Allyn A.

An analysis of bank statistics for the United States. (In: The Review of Economic Statistics. July, 1927. p.121.)

The national banks; 1915-26.

Banks and banking - Statistics
National banks.