

U. S. DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS,
A. C. TRUE, DIRECTOR.

STATISTICS OF LAND-GRANT COLLEGES
AND AGRICULTURAL EXPERI-
MENT STATIONS, 1906.

COMPILED BY

MISS M. T. SPETHMANN.

[Reprint from Annual Report of the Office of Experiment Stations for
the year ended June 30, 1906.]

CONTENTS.

	Page.
Summary of statistics of land-grant colleges.....	177
Summary of statistics of the stations.....	178
Statistics of the land-grant colleges and universities.....	180
Statistics of the agricultural experiment stations.....	200

STATISTICS OF LAND-GRANT COLLEGES AND AGRICULTURAL EXPERIMENT STATIONS, 1906.

By Miss M. T. SPETHMANN.

The following statistical statements relate to the institutions established under the acts of Congress of July 2, 1862, and August 30, 1890, most of which maintain courses of instruction in agriculture, and to the agricultural experiment stations, which, with few exceptions, are organized under the act of Congress of March 2, 1887, and are conducted as departments of the institutions receiving the benefits of the land-grant act of July 2, 1862. These statistics have been compiled in part from replies to a circular of inquiry sent out from the Office of Experiment Stations, and in part from the annual reports of the presidents of these institutions made on the schedules prescribed by the Commissioner of Education. Tables showing the annual disbursements on account of the acts of Congress of March 2, 1887, August 30, 1890, and March 16, 1906, prepared from figures furnished by the Departments of the Treasury and the Interior, are also included. Owing to the complex organization of many of the institutions, it is impracticable to give exactly comparable statistics in all cases, and in some instances the data furnished are incomplete.

SUMMARY OF STATISTICS OF LAND-GRANT COLLEGES.

Educational institutions receiving the benefits of the acts of Congress of July 2, 1862, and August 30, 1890, are now in operation in all the States and Territories except Alaska, Hawaii, and Porto Rico. The total number of these institutions is 65, of which 63 maintain courses of instruction in agriculture. The aggregate value of the permanent funds and equipment of the land-grant colleges and universities in 1906 is estimated to be as follows: Land-grant fund of 1862, \$12,500,558.29; other land-grant funds, \$3,988,068.60; other permanent funds, \$13,829,945.72; land grant of 1862 still unsold, \$4,005,736.10; farms and grounds owned by the institutions, \$7,873,237.68; buildings, \$30,322,457.04; apparatus, \$2,432,339.88; machinery, \$2,831,046.06; libraries, \$2,819,614.26; live stock, \$369,913.13; miscellaneous equipment, \$3,222,469.12; total, \$84,195,385.88. The income of these institutions in 1906, exclusive of the funds received from the United States for agricultural experiment stations (\$867,617.70), was as follows: Interest on land-grant funds of 1862, \$758,753.34; interest on other land-grant funds, \$106,185.17; United States appropriation under act of 1890, \$1,200,000; interest on endowment or regular

appropriation, \$122,980.94; State appropriation for current expenses, \$4,308,150.34; State appropriations for buildings or for other special purposes \$3,088,947.32; income from endowment, other than Federal or State grants, \$677,138.21; tuition fees, \$993,003.38; incidental fees, \$631,936.99; miscellaneous, \$1,659,663.77; total, \$13,546,759.46. The value of the additions to the permanent endowment and equipment of these institutions in 1906 is estimated as follows: Permanent endowment, \$1,215,084.73; buildings, \$1,745,118.99; libraries, \$452,963.23; apparatus, \$227,340.63; machinery \$134,800.20; live stock, \$56,244.87; miscellaneous, \$133,597.19; total, \$3,965,149.84.

The number of persons in the faculties of the colleges of agriculture and mechanic arts was as follows: For preparatory classes, 480; for collegiate and special classes, 2,454; total, counting none twice, 3,020. In the other departments the faculties aggregated 1,667, making a grand total of 4,687 persons in the faculties of the land-grant institutions.

The students in 1906 in the colleges for white persons were as follows: (1) By classes—preparatory, 5,890; collegiate, 22,823; short course or special, 5,695; postgraduate, 517; other departments, 22,038; total, counting none twice, 56,919. (2) By courses: *Four-year*—agriculture, 2,779; horticulture, 132; household economy, 926; mechanical engineering, 4,351; civil engineering, 3,730; electrical engineering, 3,166; mining engineering, 1,061; chemical engineering, 377; architecture, 281. *Shorter than four years*—agriculture, 3,883; dairying, 720; horticulture, 161; veterinary science, 821; military tactics, 17,372.

The students in colleges and schools for colored persons were as follows: (1) By classes—preparatory, 4,544; collegiate, 682; short or special, 310; other departments, 1,016; total, 6,552. (2) By courses—agriculture, 1,798; industrial courses for boys, 2,106; industrial courses for girls, 4,120; military tactics, 1,798.

The graduates in 1906 were 5,220, and since the organization of these institutions, 67,122. The average age of graduates in 1906 was 22 years and 3 months. The total number of volumes in the libraries was 2,464,642. The total number of acres of land granted to the States under the act of 1862 was 10,320,842, of which 798,053 are still unsold.

SUMMARY OF STATISTICS OF THE STATIONS.

Agricultural experiment stations are now in operation under the act of Congress of March 2, 1887, in all the States and Territories, and under special appropriation acts in Alaska, Hawaii, and Porto Rico.

In Connecticut, New Jersey, New York, Hawaii, Missouri, Alabama, and Louisiana separate stations are maintained, wholly or

in part, by State funds. A number of substations are also maintained in different States. Excluding the substations, the total number of stations in the United States is 60. Of these, 55 receive appropriations provided for by acts of Congress.

The total income of the stations maintained under the acts of 1887 and 1906 during 1906 was \$2,017,492.12, of which \$960,000 (Hatch fund \$720,000, Adams fund \$240,000) was received from the National Government, the remainder, \$1,057,492.12, coming from the following sources: State Governments, \$709,902.05; individuals and communities, \$8,304.37; fees for analyses of fertilizers, \$100,186.57; sales of farm products, \$135,526.96; miscellaneous, \$103,572.17. In addition to this the Office of Experiment Stations had an appropriation of \$197,900 for the past fiscal year, including \$18,000 for the Alaska experiment stations, \$15,000 for the Hawaii Experiment Station, \$15,000 for the Porto Rico Experiment Station, \$20,000 for nutrition investigations, \$74,200 for irrigation and drainage investigations, and \$5,000 for farmers' institutes. The value of the additions to the equipment of the stations in 1906 is estimated as follows; Buildings, \$169,875.50; libraries, \$22,080.29; apparatus, \$57,439.98; farm implements, \$22,706.52; live stock, \$51,977.68; miscellaneous, \$22,812.75; total, \$346,892.72.

The stations employ 950 persons in the work of administration and inquiry. The number of officers engaged in the different lines of work is as follows: Directors, 52; assistants and vice-directors, 17; special agents in charge, 3; chemists, 171; agriculturists, 47; agronomists, 68; animal husbandmen, 72; poultrymen, 12; horticulturists, 101; farm and garden foremen, 31; dairymen, 45; botanists, 54; plant pathologists, 21; entomologists, 76; zoologists, 4; veterinarians, 36; animal pathologists, 3; meteorologists, 8; foresters, 9; mycologists, 5; biologists, 3; physicists, 5; geologists, 7; bacteriologists, 25; irrigation engineers, 13; in charge of substations, 26; secretaries and treasurers, 32; librarians, 14; clerks and stenographers, 55. There are also 64 persons classified under the head of "miscellaneous," including superintendents of grounds and buildings, gardeners, farm mechanics, laboratory assistants, etc. Four hundred and thirty-four station officers do more or less teaching in the colleges with which the stations are connected. During the year the stations published 463 annual reports, bulletins, and circulars, which were supplied to over 758,000 addresses on the regular mailing lists. A larger number of stations than formerly supplemented their regular publications with more or less frequent issues of press bulletins and other special publications, and most of the stations report a large and constantly increasing correspondence with farmers, on a wide variety of topics.

STATISTICS OF THE LAND-GRANT COLLEGES AND UNIVERSITIES.^a

Unless otherwise specified, the statistics reported in the tables are for the institutions as designated in the list given below:

TABLE 1.—*Institutions established under the land-grant act of July 2, 1862, and their courses of study.*

[All of the institutions in this list, except those marked with an asterisk (*), maintain courses of instruction in agriculture.]

State or Territory.	Name of institution.	Location.	President.	Collegiate courses of study (undergraduate).	
				Four-year courses and degrees.	Short courses.
Alabama.....	Alabama Polytechnic Institute.	Auburn.....	C. C. Thach, M. A., LL. D.	Chem. and agr., civil engin., elect. engin., mech. engin., mining engin., phar., general, chem. and metal. (B. S.).	Aggr., mech. arts, phar. (2 yrs.), phar. (3 yrs.), agr. (1 yr.), summer school for farmers (10 days).
Arizona.....	Agricultural and Mechanical College for Negroes	Normal.....	W. H. Council, Ph. D.	Sci. (B. S.), agr. (B. A. S.), mech. (B. M. S.).	Indus. and lit. studies (1 to 4 yrs.).
Arkansas.....	University of Arizona.	Tucson.....	K. C. Babcock, Ph. D.	Lit. (Ph. B.), sci., chem., mining engin., civil engin., mech. engin. (B. S.).	Mineralogy and assaying (2 yrs.), prep. (4 yrs.).
	University of Arkansas.	Fayetteville.....	J. N. Tillman, B. L. L.	Aggr. (B. S. A.), mech. engin. (B. M. E.), elect. engin. (B. E. E.), civil engin. (B. C. E.), mining engin. (B. M. E.), chem. engin. (B. Ch. E.), chem. (B. S. C.), lit. and sci. (B. A. and B. S.), music (B. Mus.), normal, art.	Aggr., hort., dairying, elect. engin. (2 yrs.), mech. arts (2 or 3 yrs.), prep. (2 yrs.), agr. (2 weeks).
California.....	*Branch Normal College. University of California.	Pine Bluff.....	Isaac Fisher.....	Collegiate (B. A.), normal (L. I.), manual training, mech. arts.	Prep. (3 yrs.).
		Berkeley.....	B. I. Wheeler, Ph. D., LL. D.	Letters (B. A.), social sci. (B. L.), natural sci., commerce, agr., mech. engin., elect. engin., mining engin., civil engin., chem., sugar technol. (B. S.).	Prep. med. (3 yrs.), agr., animal indus., dairying (6 weeks), nutrition (3 weeks), ent. (4 weeks), vit. (4 weeks), summer session (6 weeks).
Colorado.....	The State Agricultural College of Colorado.	Fort Collins.....	B. O. Aylesworth, A. M., LL. D., Litt. D.	Aggr., mech. engin., civil and irrig. engin., general and domestic sci., hort. (B. S.).	Aggr., normal course in domestic sci., domestic sci. and agr., prep. (2 yrs.), agr. (2 months).
Connecticut.....	Connecticut Agricultural College.	Storrs.....	R. W. Stimson, A. M., B. D.	Aggr. or hort., home econ. (B. S.).....	Aggr. or hort., mech., home econ., nature study (2 yrs., diploma), summer school for teachers in nature and country life (3 weeks), farm dairying, creamery, pomol. (winter, 12 weeks), poultry (6 weeks), 32 ten-day courses.
Delaware.....	Delaware College.....	Newark.....	G. A. Harter, M. A., Ph. D.	Clas., Lat. sci. (B. A.), agr., general sci., civil engin., mech. engin., elect. engin. (B. S.).	Aggr. (1 or 2 yrs.), agr. (winter, 10 weeks).
	State College for Colored Students.	Dover.....	W. C. Jason, M. A., B. D.	Clas. (B. A.), sci. (B. S.), agr. (B. Agr.), engin. (B. E.).	Normal (3 yrs.), industrial (2 yrs.), prep.

Florida	University of Florida.....	Gainesville.....	Andrew Sledd, Ph. D., LL. D.	Lit. (B. A.), gen. sci., agr., mech. engin., elect. engin., civil engin. (B. S.), pedag. (B. A. in Ped.).....	Normal (4 yrs.), agr., mech. arts, pedag. (2 yrs.), summer school for teachers (6 weeks).
Georgia	Florida State Normal and Industrial School.	Tallahassee.....	N. B. Young, M. A.	.....	Normal (2 yrs.), high school, grammar school (3 yrs.), indus. training through all courses.
	Georgia State College of Agriculture and Mechanic Arts.	Athens.....	H. C. White, Ph. D., D. C. L., LL. D.	General sci., agr., civil engin., elect. engin. (B. S.).	Agr., hort., dairying (1 yr.), agr. (12 weeks).
Idaho	Georgia State Indus- trial College.	Savannah.....	R. R. Wright, A. M., LL. D.	Collegiate (A. B.).....	Normal (3 yrs.), industrial, prep. (3 yrs.).
	University of Idaho.....	Moscow.....	J. A. MacLean, Ph. D., LL. D.	Clas. (B. A.), agr. and hort., sci., domestic econ. (B. S.), civil engin. (B. C. E.), min- ing engin. (B. M. E.), elect. engin. (B. E. E.), music (B. M.).	Agr. (4 yrs.), prep. (3 yrs.), dairying and hort. (4-6 weeks).
Illinois	University of Illinois.....	Urbana.....	E. J. James, Ph. D., LL. D.	Lit. and arts (B. A.) archi. engin., civil engin., elect. engin., mech. engin., railway engin., municipal and sanitary engin., sci., agr., domestic sci. (B. S.), music (B. M.), libr. sci. (B. L. S.), phar. (Ph. G.), phar. chem. (Ph. C.), med. (M. D.), den- tistry (D. D. S.).	Law (LL. B.), surgery (D. D. S.) (3 yrs.), summer school (9 weeks), agr. (2 weeks).
Indiana	Purdue University.....	Lafayette.....	W. E. Stone, Ph. D.	Mech. engin. (B. S., M. E.), civil engin., sanitary engin. (B. S., C. E.), elect. engin., telephone engin. (B. S., E. E.), agr. (B. S. Agr.), sci., household econ. (B. S.), phar. (B. S. Phar.).	Agr. (2 yrs.), agr., hort., animal husb., dairying (winter, 10 weeks), phar. (2 yrs., Ph. G.).
Iowa	Iowa State College of Agriculture and Me- chanic Arts.	Ames.....	A. B. Storms, A. M., D. D., LL. D.	Agron., dairying, animal husb., hort. sci. and agr. (B. S. A.) vet. med. (D. V. M.), mech. engin. (B. M. E.), civil engin. (B. C. E.), elect. engin. (B. S. in E. E.), min- ing engin. (B. S. in Mn. E.), sci., general and domestic sci. (B. S.), ceramics (B. E. M. in Cer.), domestic sci. (B. D. S.).	Mining engin., clay working (2 yrs.), dairy- ing (1 yr.), dairying (16 weeks), corn and grain judging, stock judging, domestic econ., hort. and forestry (2 weeks each).
Kansas	Kansas State Agricul- tural College.	Manhattan.....	E. R. Nichols, A. M.	Agr., mech. engin., general sci., elect. engin., domestic sci., archi. (B. S.), vet. sci. (D. V. M.).	Domestic sci. (2 terms, 12 weeks each). farmers' (2 winter terms, 10 weeks each), farm dairying (10 weeks), dairying (12 weeks).
Kentucky	Agricultural and Me- chanical College of Kentucky.	Lexington.....	J. K. Patterson, Ph. D., LL. D.	Clas. (A. B.), mech. engin. (B. M. E.), civil engin. (B. C. E.), mining engin. (B. E. M.), agr. (B. Agr.), sci. (B. S.), pedag. (B. Ped.).	Agr (2 yrs.), prep. (2 yrs.), agr. (winter, 10 weeks), summer school for teachers.
	The Kentucky Normal and Industrial Insti- tute for Colored Per- sons.	Frankfort.....	J. S. Hathaway, M. A., M. D.	Normal.....	Normal, agr., carpentry, cooking, music, dressmaking, printing, blacksmithing, wheelwrighting (3 yrs.), business (1 yr.).
Louisiana	Louisiana State Uni- versity and Agricul- tural and Mechanical College.	Baton Rouge.....	T. D. Boyd, M. A., LL. D.	Agr., elect. engin., sugar chem. and manuf. (5 yrs.), civil engin., mech. engin., gen- eral sci., premed. (B. S.), commercial, Lat., sci., lit., filos. and ed. (B. A.).	Law (LL. B.), prep. (1 yr.), agr. (10 weeks), stock, corn, and cotton judging (10 days).

^a Including also institutions receiving apportionments from the appropriation of 1890.

TABLE 1.—*Institutions established under the land-grant act of July 2, 1862, and their courses of study—Continued.*

State or Territory.	Name of institution.	Location.	President.	Collegiate courses of study (undergraduate).	
				Four-year courses and degrees.	Short courses.
Louisiana.....	Southern University and Agricultural College.	New Orleans...	H. A. Hill.....	Clas., sci., agr., mech., normal, printing, music.	Agr., dairying, bookkeeping (2 yrs.), mech., tinsmithing (3 yrs.), typewriting.
Maine.....	The University of Maine.	Orono.....	G. E. Fellows, Ph. D., L. H. D., LL. D.	Clas. (B. A.), sci., agr., hort., chem., civil engin., mech. engin., elect. engin., chem. engin., forestry, phar. (B. S.).	Law (3 yrs., LL. B.), agr. (2 yrs.), phar. (Ph. C.) (2 yrs.), agr., hort., and dairying (8 weeks), poultry management and hort. (3 weeks), summer school for teachers (5 weeks), reading and correspondence courses.
Maryland.....	Maryland Agricultural College.	College Park....	R. W. Silvester, M. S.	Agr., hort., chem., gen. sci., mech. engin., civil engin. (B. S.).	Agr. (2 yrs.), agr. (10 weeks), dairying.
Massachusetts....	Princess Anne Academy. Massachusetts Agricultural College. Institute of Technology.	Princess Anne... Amherst..... Boston.....	Frank Trigg, M. A... K. L. Butterfield, A. M. H. S. Pritchett, Ph. D., LL. D.	Academic, normal..... Agr. (B. S.)..... Civil engin., mech. engin., mining engin. and metal., archi., chem., elect. engin., biol., phys., electro-chem., chem. engin., sanitary engin., geol., naval archi. elective (B. S.).	Indus. Dairy farming, hort. (winter, 10 weeks), bee culture (2 weeks).
Michigan.....	Michigan State Agricultural College.	Agricultural College.	J. L. Snyder, A. M., Ph. D.*	Agr., engin., forestry, women's (B. S., each 4 and 5 yrs.).	Cheesemaking (4 weeks), creamery management, live stock and general farming, fruit culture (8 weeks each).
Minnesota.....	The University of Minnesota.	Minneapolis....	Cyrus Northrop, LL. D.	General (B. A.), civil engin. (C. E.), mech. engin. (M. E.), elect. engin. (E. E.), mining, metal. (E. M., Met. E.), chem. (A. C. or C. T.), agr. (B. S. Agr.), forestry (B. S. For.), home econ. (B. S.).	Agr. (3 yrs.), home econ. (3 yrs.), agr. (8 weeks), dairying (4 weeks).
Mississippi.....	Mississippi Agricultural and Mechanical College.	Agricultural College.	J. C. Hardy, A. M., LL. D.	Agr., hort., dairying, vet. sci., chem., mech. engin., phys. and elect. engin., civil and rural engin., geol. and mining, textile (B. S.).	Agr., mech. arts, elect. engin., textile (2 yrs.), prep. (1 yr.), agr. (10 weeks), summer normal school for teachers (5 weeks).
Missouri.....	Alcorn Agricultural and Mechanical College. University of Missouri.	Lorman..... Columbia.....	L. J. Rowan, B. S.... R. H. Jesse, LL. D....	Scientific (B. S.)..... Agr. (B. S.), civil engin. (B. S., C. E.), mech. engin., mining engin. (B. S., M. E.) elect. engin. (B. S., E. E.), sanitary engin., chem. engin., hydraulic engin., metal. (B. S.).	Business, carpentry, agr., shoemaking, blacksmithing, painting, domestic sci., millinery, etc. (3 yrs.), prep. (2 yrs.). Plant production, animal husb., dairying (8 weeks), summer school for teachers (8 weeks).
	Lincoln Institute.....	Jefferson City...	B. F. Allen, A. M., LL. D.	Collegiate (B. A.), normal.....	College prep., normal prep., carpentry, blacksmithing, mach. work, sewing, cooking, laundering (3 yrs.).

Montana.....	The Montana State College of Agriculture and Mechanic Arts.	Bozeman.....	J. M. Hamilton, M. S.	General sci., domestic sci. (B. S.), agron., animal husb., dairying, hort. (B. S. A.), mech. engin. (B. M. E.), elect. engin. (B. E.), civil engin. (B. C. E.), art, music. E. E.), general sci., agr., home econ., civil engin., elect. engin., steam engin., municipal engin., mech. engin., premed., tech. forestry (B. S.), med. (M. D.).	Agr. (3 yrs.), pract. mech. (2 yrs.), prep. (3 yrs.), domestic sci., water measuring (1 yr. each).
Nebraska.....	The University of Nebraska.	Lincoln.....	E. B. Andrews, LL. D.	Liberal arts (B. A.), mining and metal., agr., domestic sci., mech. engin., civil engin., general sci. (B. S.).	Agr. (3 yrs.), law (LL. B., 3 yrs.), mining engin. (3 yrs.), mech. arts (2 yrs.), dairying, agr. (9 weeks), summer session (6 weeks), judging (1 week), art, music.
Nevada.....	Nevada State University.	Reno.....	J. E. Stubbs, M. A., D. D., LL. D.	Agr., mech. engin., elect. engin., chem. engin., general (B. S.).	Agr. dairying, bot., ent., bact., domestic sci., assaying (3 months).
New Hampshire.....	The New Hampshire College of Agriculture and Mechanic Arts.	Durham.....	W. D. Gibbs, M. S.	Agr., civil engin., and mech., chem., elect., biol., clay working and ceramics (B. S.), Lat. sci. (B. Litt.).	Agr. (2 yrs.), agr. (winter, 10 weeks), dairying (10 weeks).
New Jersey.....	Rutgers Scientific School, The New Jersey State College for the Benefit of Agriculture and the Mechanic Arts.	New Brunswick	W. H. S. Demarest...	Agr., mech. engin., domestic sci., general or sci. (B. S.).	Clay working and ceramics (2 yrs.), general agr., dairy farming, fruit growing, and market gardening (12 weeks each).
New Mexico.....	New Mexico College of Agriculture and Mechanic Arts.	Agricultural College.	Luther Foster, M. S. A.	Arts (A. B.), civil engin. (C. E.), mech. engin. (M. E.), elect. engin. (E. E.), archi. (B. Arch.), agr. (B. S. A.), med. (M. D.), vet. sci. (D. V. M.).	Agr. and hort. (2 yrs.), pract. mech. (2 yrs.), prep. (2 yrs.), stan. (1 yr.), Engl.-Span. stan. (1 yr.), business (1 yr.).
New York.....	New York State College of Agriculture at Cornell University.	Ithaca.....	J. G. Schurman, A. M., D. Sc., LL. D.		Law (LL. B., 3 yrs.), special lect. courses in general agr. and nature study (1 or 2 yrs.), agr., dairying, poultry husb., hort., home econ. (winter, 11 weeks), reading courses for farmers and farmers' wives, summer school for teachers, nature study correspondence, course for teachers.
North Carolina.....	The North Carolina College of Agriculture and Mechanic Arts.	Raleigh.....	G. T. Winston, A. M., LL. D.	Agr. (B. Agr.), mech. engin., civil engin., elect. engin., mining engin., textile sci. and art (B. E.), indus. chem. (B. S.).	Agr., mech. arts, textile indus., applied electricity (2 yrs.), normal courses in el. agr. and nature study (1 and 2 yrs.), agr. and dairying, textile indus. (10 weeks), summer school for teachers.
North Dakota.....	The Agricultural and Mechanical College for the Colored Race. North Dakota Agricultural College.	Greensboro.....	J. B. Dudley, A. M., LL. D.	Agr. (B. Agr.), mech. (B. S.).....	Dairying (6 weeks).
Ohio.....	Ohio State University.	Columbus.....	J. H. Worst, LL. D.	Agr., gen. sci., mech., pharm. chem. (B. S.).	Agr. (3 yrs.), steam engin., dairying, pharm. domestic econ., nature study and el. agr. for teachers, prep. (2 yrs.), agr. (12 weeks), domestic econ. (spring term), stock and grain judging (10 days), corresp. course in el. agr.
			W. O. Thompson, A. M., D. D., LL. D.	Agr. (B. S. Agr.), hort. and forestry, domestic sci., chem., indus. arts, manual training, pharm. (B. S.), arts (B. A.), archi., civil engin. (C. E.), clay working and ceramics, mining engin. (E. M.), elect. engin. (M. E., E. E.), mech. engin. (M. E.).	Agr. and hort., ceramics, domestic sci., indus. arts, mining, pharm. (2 yrs.), dairying (2 terms), agr. (10 weeks), vet. med. (3 yrs., D. V. M.), law (LL. B.) (3 yrs.).

TABLE 1.—*Institutions established under the land-grant act of July 2, 1862, and their courses of study—Continued.*

State or Territory.	Name of institution.	Location.	President.	Collegiate courses of study (undergraduate).	
				Four-year courses and degrees.	Short courses.
Oklahoma.....	Oklahoma Agricultural and Mechanical College.	Stillwater.....	A. C. Scott, A. M., LL. M.	Agr., general sci., mech. engin., civil engin., elect. engin., sci. and lit. (5 yrs., B. S.).	Agr. and domestic sci. (2 yrs.), business (1 yr.), mech. (20 weeks), agr. and dairying (winter, 10 weeks), summer school for teachers in nature study and el. agr. (11 weeks), stock judging and seed selection (1 week), agr. for rural teachers (spring term). Normal elementary (4 yrs.), college prep. (3 yrs.).
Oregon.....	Agricultural Normal University.	Langston.....	I. E. Page, M. A.....	Clas. (B. A.), sci. (B. S.), normal (B. S. D.), agr. (B. S. Agr.), elect. engin., mech. engin., civil archi. (B. M. E.).	Mining, phar. (2 yrs.), dairying (8 weeks), agr. (10 days).
Pennsylvania.....	Oregon State Agricultural College.	Corvallis.....	T. M. Gatch, M. A., Ph. D.	Agr., mech. engin., elect. engin., civil engin., mining engin., household sci., phar., lit. commerce, forestry (B. S.).	Agr., chem., mech., mining (2 yrs.), agr. (1 yr.), agr. mining (12 weeks), dairying and creamery (8 weeks), summer school (2 weeks), corresp. courses in agr.
Rhode Island.....	The Pennsylvania State College.	State College....	J. A. Beaver, LL. D....	Clas. (B. A.), general sci., mod. lang. and lit., Lat. sci., philos., agr., biol., chem., civil engin., elect. engin., indus. chem., math., mech. engin., mines and mining, phys. (B. S.).	Agr. (2 yrs.), indus. (2 yrs.), prep. (2 yrs.), farm mech. (12 weeks), poultry school (12 weeks), farm practice (6 weeks).
South Carolina.....	Rhode Island College of Agriculture and Mechanic Arts.	Kingston.....	Howard Edwards, M. A., LL. D.	Agr., mech. engin., highway engin., chem., biol., elect. engin., general sci. (B. S.).	Textile indus. (2 yrs.), prep. (1 yr.).
South Dakota.....	Clemson Agricultural College of South Carolina.	Clemson College	P. H. Mell, M. E., Ph. D., LL. D.	Agr. and hort., agr. and animal husb., mech. and elect. engin., civil engin., metal. and geol., textile indus. (B. S.).	Model school, indus., music, art.
Tennessee.....	The Colored Normal, Industrial, Agricultural, and Mechanical College of South Carolina.	Orangeburg.....	T. E. Miller, LL. D....	Regular (B. A.), mech. (B. S.), agr. (B. Agr.), normal (L. I.), prep. and normal (5 yrs.).	Normal (3 yrs.), agr. (2 yrs.), phar. (2 yrs., Ph. G.), agr. (6 weeks), hort., domestic sci., butter making, cheese making, steam engin. (12 weeks), sten. and typewriting, commercial sci., steam engin. (1 yr.), art (3 yrs.), music.
	South Dakota Agricultural College.	Brookings.....	R. L. Slagle, A. M., Ph. D.	Agr., domestic sci., general sci., mech. engin., elect. engin., civil and agr. engin., hort., phar. (B. S.).	Dental surgery (D. D. S.), agr., phar. chem. (Ph. C., 2 yrs.), law (LL. B.), prep. med. (2 yrs.), agr., animal husb., dairy husb., poultry husb., bee keeping, home econ., hort. (2 weeks each), summer school for teachers (6 weeks).
	University of Tennessee.	Knoxville.....	Brown Ayres, Ph. D., LL. D.	Lit. (B. A.), sci., agr. sci., civil engin., mech. engin., elect. engin., mining engin., chem. engin., phar. chem. (B. S.), med. (M. D.).	

Texas.....	Agricultural and Mechanical College of Texas. Prairie View State Normal and Industrial College.	College Station. Prairie View....	H. H. Harrington, LL. D. E. L. Blackshear.....	Agr., textile engin., elect. engin., mech. engin., civil engin., archi. engin. (B. S.). Clas. and sci. (6 yrs., B. A.), normal, industrial.	Stock farming, dairying, hort. (10 weeks). Mech. arts, agr. and hort., and dairying.
Utah.....	Agricultural College of Utah.	Logan.....	W. J. Kerr D. Sc.....	Agr., domestic sci., commerce, civil engin., mech. engin., general sci. (B. S.), manual training in domestic arts and mech. arts.	Agr., domestic sci., commerce (3 yrs.), prep. (2 yrs.), agr. (4 weeks), domestic arts, mech. arts, commerce (12 weeks), summer school for teachers (5 weeks). Agr. (1 or 2 yrs.).
Vermont.....	University of Vermont and State Agricultural College.	Burlington.....	M. H. Buckham, D. D., LL. D.	Clas. (B. A.), lit. sci. (Ph. B.), civil and sanitary engin., elect. engin., mech. engin., chem., agr., commerce and econ. (B. S.), med. (M. D.).	
Virginia.....	The Virginia Agricultural and Mechanical College and Polytechnic Institute. Hampton Normal and Agricultural Institute.	Blacksburg..... Hampton.....	J. M. McBryde, Ph. D., LL. D. H. B. Frissell, D. D., LL. D.	Agr., hort., applied chem., general sci., civil engin., mech. engin., elect. engin., metal. and metallurgy, applied geol., prep. med. and vet. sci. (B. S.). Academie (4 yrs.).....	Agr., mech. (2 yrs.), summer school (6 weeks).
Washington.....	The State College of Washington.	Pullman.....	E. A. Bryan, M. A., LL. D.	Math. and civil engin., domestic econ., phar., chem., bot. and zool., agr., hort., vet. sci., econ. sci. and hist., elect. engin., mech. engin., mining engin. (B. S., B. A.), geol., Engl. lang. and lit., modern lang., Latin (B. A.).	Trade (3 yrs.). Postgraduate: Agr., trades (3 yrs.), normal (2 yrs.), business (1 yr.). Supplementary courses in phys., geol. and mineralogy, Lat., phar. (2 yrs.), agr., vet. sci. (D. V. S.), prep. (3 yrs.), business (1 and 2 yrs.), artisans (1 yr.), dairying (8 weeks), hort. (4 weeks), music (3 yrs.), summer science school for teachers (6 weeks).
West Virginia.....	West Virginia University.	Morgantown....	D. B. Purinton, Ph. D., LL. D.	General culture (B. A., B. S.), mech. and elect. engin. (B. S., M. E.), civil engin. (B. S., C. E.), mining engin. (B. S., E. M.), agr. (B. S. Agr.), law (LL. B.), music.	Agr., mech. and elect., law, commercial (2 yrs.), agr. (1 yr.), prep. (1 yr.), agr., hort., vet. sci., stock breeding and feeding, dairying, poultry culture (12 weeks), nature study (6 weeks). Sewing (2 yrs.), dressmaking (2 yrs.), commercial (2 yrs.), mech. (3 yrs.), printing (3 yrs.).
Wisconsin.....	The West Virginia Colored Institute. University of Wisconsin.	Institute..... Madison.....	J. McH. Jones, A. M.. C. R. Van Hise, Ph. D.	Academic, normal, agr..... Sci., home econ., commerce (B. A.), normal (B. Ph.), agr. (B. S. Agr.), civil engin., sanitary engin., mech. engin., elect. engin., general engin., applied electrochem., phar. (B. S.), music.	Law (LL. B.), phar. (Ph. G., 2 yrs.), music, agr. (2 winter courses, 14 weeks each), dairy school (12 weeks), creamery (summer), farmers' course (2 weeks), summer school (6 weeks).
Wyoming.....	University of Wyoming.	Laramie.....	F. M. Tisdell, Ph. D....	Clas., lit. sci., education (B. A.), normal (B. Ped.), polit. sci., hist., general sci., agr., mech. engin., mining engin., irrig. engin. (B. S.), music, commerce.	Prep. (3 yrs.), prep. med., prep. law (2 yrs.), agr. (1 to 2 yrs.), agr. (12 weeks), school of mines (6 weeks), animal husband. (winter), domestic sci., irrig., live-stock management and judgment (2 weeks), corresp. courses.

TABLE 2.—General statistics

State or Territory.	Date of establishment of institution.	Date of establishment of agricultural course.	Faculty.			Other departments.	Experiment station officers.
			College of agriculture and mechanic arts.				
			Preparatory classes.	Collegiate and special classes.	Total.		
Alabama (Auburn).....	1872	1872	4	41	<i>a</i> 43		1
Alabama (Normal).....	1875	1882	8	13	21	6	
Arizona.....	1891	1891	8	18	26		10
Arkansas (Fayetteville).....	1872	1872	7	14	21	21	12
Arkansas (Pine Bluff).....	1875		9	9	<i>a</i> 9		
California.....	1868	1868		66	66	166	40
Colorado.....	1877	1878	14	40	<i>a</i> 45		21
Connecticut.....	1881	1881		23	23		13
Delaware (Newark).....	1870	1870		20	20		7
Delaware (Dover).....	1892	1892	6	6	<i>a</i> 8		
Florida (Gainesville).....	1884	1884		27	27	109	11
Florida (Tallahassee).....	1887	1890				22	
Georgia (Athens).....	1872	1872		23	23		
Georgia (Savannah).....	1890	1890	12	4	<i>a</i> 14		
Idaho.....	1892	1892	4	22	26	3	8
Illinois.....	1867	1868	11	231	242	166	38
Indiana.....	1874	1874		120	120	112	24
Iowa.....	1869	1869			102		25
Kansas.....	1863	1874	5	63	68	13	20
Kentucky (Lexington).....	1865	1880	4	31	35	3	18
Kentucky (Frankfort).....	1887	1892	3	11	14	1	
Louisiana (Baton Rouge).....	1877	1887	7	30	<i>a</i> 32		26
Louisiana (New Orleans).....	1880	1890	9	8	17		
Maine.....	1865	1868	8	55	<i>a</i> 55	14	15
Maryland (College Park).....	1859	1859	2	20	22		23
Maryland (Princess Anne).....			10		10		
Massachusetts (Amherst).....	1867	1867		32	32		23
Massachusetts (Boston).....	1865			248	248		
Michigan.....	1855	1855			81		15
Minnesota.....	1869	1869	27	27	54	119	20
Mississippi (Agricultural College).....	1880	1880	6	28	34	9	19
Mississippi (Lorman).....	1871	1878	11	5	16		
Missouri (Columbia).....	1870	1870		78	78		31
Missouri (Jefferson City).....	1866	1866	18	7	<i>a</i> 20		
Montana.....	1893	1893	12	29	<i>a</i> 30		13
Nebraska.....	1869	1869		43	43	156	25
Nevada.....	1873	1888	6	20	26		9
New Hampshire.....	1866	1886		24	24		14
New Jersey.....	1864	1865	11	27	<i>a</i> 37	3	10
New Mexico.....	1889	1890	4	26	<i>a</i> 30		13
New York.....	1865	1865		95	95	372	23
North Carolina (Raleigh).....	1889	1889		40	40		17
North Carolina (Greensboro).....	1891	1891		11	11		
North Dakota.....	1890	1890	24	26	50		17
Ohio.....	1870	1873		123	123	26	
Oklahoma (Stillwater).....	1891	1892		31	31		12
Oklahoma (Langston).....	1897	1899	2	6	8	7	
Oregon.....	1868	1888		36	36		13
Pennsylvania.....	1855	1859	5	65	<i>a</i> 65		20
Rhode Island.....	1888	1890	11	24	<i>a</i> 24		16
South Carolina (Clemson College).....	1889	1893	2	41	43		20
South Carolina (Orangeburg).....	1896	1896	12	6	18	8	
South Dakota.....	1881	1884	15	32	<i>a</i> 34		13
Tennessee.....	1794	1869		53	53	35	15
Texas (College Station).....	1871	1871		46	46		19
Texas (Prairie View).....				5	5	10	
Utah.....	1888	1889	29	30	59		21
Vermont.....	1865	1885		38	38	34	13
Virginia (Blacksburg).....	1872	1872		56	56		23
Virginia (Hampton).....	1868	1890	113		113	12	
Washington.....	1892	1892	13	57	70		16
West Virginia (Morgantown).....	1867	1867	7	38	45	19	13
West Virginia (Institute).....	1891	1892	7	16	<i>a</i> 21	2	
Wisconsin.....	1848	1866		75	75	217	31
Wyoming.....	1887	1891	14	15	<i>a</i> 19	2	10
Total.....			480	2,454	3,020	1,667	832

^a Total, counting none twice.^b Including all departments of the university.

of land-grant colleges, 1906.

Graduates.			Total number since or- ganiza- tion.	Number of volumes in library.	Number of acres allotted to State un- der act of 1862.	Number of acres of land grant of 1862 still unsold.	Number of acres in farm and grounds.	Rate of in- terest on land-grant fund of 1862.
In 1905-6.								
Number.	Average age.							
	Y. M.							Per cent.
57	20	887	22,890	240,000		325		
147	20	1,146				182		
9	24	50	24,500			465		
52	21	442	17,000	150,000		155		8
9	21	183	5,000			20		
413	23	4,442	310,000	150,000	1,402	411		6
26	21	285	35,080	90,000	40,000	600		6
15	20	249	11,520	180,000		300		5
18	21	384	23,600	90,000		16		6
10	22	39	1,300			97		
9		107	8,000	90,000		355		6
14	25	101				160		
12	21	420	51,000	270,000		787		7
8	25	166	800			86		
30	23	156	1,650	90,000	89,040	158		
334	23	b 4,584	123,476	480,000	40	665		5
215	24	2,424	20,000	390,000		189		5
132			25,500	204,000		1,041		6, 7, 8
96	23	1,216	30,768	82,313		430		5, 5½, 6, 7
64	21	538	21,030	330,000		258		6
12	22	148	2,924			310		
36	21	416	24,500	210,000		664		4, 5
34	18	359	4,283			104		
74	23	1,050	39,000	210,000		373		5
13	21		9,000	210,000		286		5, 6
19	21	46	700			116		
28	23	690	26,944	360,000		404		5
277	22	3,425	91,762					
74	19	1,175	31,631	235,673	52,046	684		7
499		b 5,957	127,927	94,000	40	300		3, 4, 5
33	21	425	25,500	207,920		2,000		6
14	22	171	2,700			300		5
70		2,654	75,000	277,016	47,107	722		5
14	24	372	7,000			45		
7	21	50	18,117	90,000	88,337	220		
241	22	b 2,650	83,891	90,000		332		4½, 6
25		295	44,680	90,000	2,200	73		4
17	22	302	15,643	150,000		343		6
37	22	609	55,485	210,000		140		5
11	22	64	21,500			293		
605	23	b 8,699	375,585	989,920		498		5
53	23	304	7,500	270,000		674		6
7	23	56	2,700			127		
7	23	51	10,250	130,000	67,300	640		
216	23	2,157	75,709	630,000		439		6
17	22	143	30,797			1,000		
3	25	9	1,225			160		
42		593	4,500	90,000	4,200	210		6
86	23	905	23,635	780,000		400		6
8	21	116	18,974	120,000		178		3
60	21	396	15,488	180,000		1,136		6
54	18	383	1,390			130		
25	22	304	19,850	160,000	156,202	560		
34	20		41,000	300,000		272		6
46	21	580	13,482	180,000		2,416		6, 7
58	25	440	1,300			1,500		
3	23	134	27,736	200,000	70,827	116		
55	23	3,874	105,465	150,000		140		6
78	21	661	9,600	300,000		410		6
46	23	1,379	20,636			755		
43	24	244	15,000	90,000	89,000	250		
37	23	1,019	21,000	150,000		130		6
13	19	143	3,662			70		
414	23	b 5,717	146,000	240,000	312	500		4
5	23	138	30,857	90,000	90,000	416		
5,220	22	3	67,122	2,464,642	10,320,842	798,053	27,536	

TABLE 3.—Students, by classes and

PART 1.—WHITE STUDENTS.

State or Territory.	By classes.					Total.
	Preparatory.	College.	Short or special.	Post graduate.	Other departments.	
Alabama.....	78	479	.....	22	.....	579
Arizona.....	163	44	15	4	.....	226
Arkansas.....	548	438	72	13	457	1,528
California.....	.....	926	37	28	<i>a</i> 3,182	<i>b</i> 4,170
Colorado.....	190	193	119	2	.....	<i>b</i> 502
Connecticut.....	.....	68	60	.....	.....	128
Delaware.....	.....	112	6	1	.....	119
Florida.....	51	62	15	8	.....	136
Georgia.....	.....	205	19	3	.....	227
Idaho.....	108	204	.....	1	.....	<i>b</i> 310
Illinois.....	327	2,205	.....	123	<i>f</i> 1,453	<i>b</i> 4,074
Indiana.....	.....	1,456	102	31	440	2,029
Iowa.....	256	1,075	737	.....	71	<i>b</i> 2,199
Kansas.....	598	842	282	20	.....	<i>b</i> 1,690
Kentucky.....	114	409	4	28	258	813
Louisiana.....	120	318	20	6	.....	464
Maine.....	.....	448	94	12	82	<i>b</i> 611
Maryland.....	33	129	22	2	.....	186
Massachusetts.....	.....	218	44	8	.....	270
Massachusetts (Boston).....	.....	1,440	.....	26	.....	1,466
Michigan.....	134	634	179	3	.....	950
Minnesota.....	<i>g</i> 555	430	182	.....	2,751	3,950
Mississippi.....	298	497	23	6	.....	824
Missouri.....	.....	839	139	49	1,045	<i>i</i> 2,072
Montana.....	61	109	74	.....	118	362
Nebraska.....	<i>g</i> 393	547	.....	.....	1,974	2,914
Nevada.....	62	123	47	.....	37	269
New Hampshire.....	.....	143	46	2	.....	191
New Jersey.....	158	171	8	3	61	401
New Mexico.....	125	55	35	2	.....	217
New York.....	.....	1,326	248	.....	<i>j</i> 2,754	4,328
North Carolina.....	.....	346	142	6	.....	494
North Dakota.....	271	94	453	6	<i>k</i> 107	931
Ohio.....	.....	927	164	6	917	2,014
Oklahoma.....	<i>g</i> 102	266	499	.....	39	<i>b</i> 901
Oregon.....	110	492	115	18	.....	735
Pennsylvania.....	46	682	71	3	<i>k</i> 2,500	3,302
Rhode Island.....	46	65	24	.....	.....	<i>b</i> 131
South Carolina.....	103	542	7	.....	.....	652
South Dakota.....	269	166	126	10	.....	571
Tennessee.....	.....	348	86	4	257	695
Texas.....	.....	361	48	2	.....	411
Utah.....	97	136	419	11	.....	663
Vermont.....	.....	329	23	2	169	523
Virginia.....	.....	570	29	20	.....	619
Washington.....	<i>n</i> 445	354	201	9	70	1,079
West Virginia.....	.....	90	84	.....	944	1,118
Wisconsin.....	.....	897	485	14	2,175	3,571
Wyoming.....	29	13	90	3	177	<i>b</i> 304
Total.....	5,890	22,823	5,695	517	22,038	56,919

a Including 798 students in 1905 summer session.*b* Total, counting none twice.*c* Including horticulture.*d* Including electrical engineering.*e* Including horticulture and dairying.*f* Including 423 students in 1905 summer session.*g* School of agriculture.*h* Including civil, electrical, and mining engineering.*i* Including 396 students in 1905 summer session.*j* Including 619 students in 1905 summer session.*k* Correspondence course.*l* Including agriculture, horticulture, and veterinary science.*m* Including mining engineering.*n* Including school of agriculture.

courses, at land-grant colleges in 1906.

PART 1.—WHITE STUDENTS.

By courses.														
Four-year.									Shorter.					
Agri- culture.	Horti- culture.	House- hold econ- omy.	Mechan- ical engi- neering.	Civil engi- neering.	Elec- trical engi- neering.	Min- ing engi- neering.	Chem- ical engi- neering.	Ar- chi- tec- ture.	Agri- culture.	Horti- culture.	Dai- ry- ing.	Vet- eri- nary sci- ence.	Mili- tary tactics.	
37	19		83	37	86	27	36					28	496	
			2	8		15								
32	41		48	90	84	29	72		25	36	30	20	503	
^c 80			^d 227	174		227	45	16	37				916	
70	3	49	29	41					119				295	
53	5	3	1						10	4	10	10	72	
2			14	39	27				7			9	105	
3			7	11	6		7						108	
18				32	30				^e 19				224	
2	2	60		9	28	46							154	
139		62	221	323	233		38	91	^e 228			177	1,170	
73		16	439	374	450				^c 84		21		880	
169	18	93	94	224	192	35			631		73	55	580	
178		229	57		202			28	^c 118		28	28	350	
22		44	153	87		8			4				285	
25			22	55	30		51		2			16	336	
20			46	132	99		1		21				191	
28	1		35	27			2		14	1	1	25	150	
218										2	42		262	
			149	134	100	54	29	44					220	
150		92	291						94	13	70		590	
50		3	99	113	168	121			178		87		493	
162			^h 189						1				728	
117			42	159	163	203	14		44	18	7		218*	
9		8	3	17	23				30					
20			32	89	101	6	3		350				348	
1			25	6		38							111	
13			5		3				32		10		144	
7				79	35								165	
8													119	
128		9	23					81	248			88	600	
56			1,077	425	70	1	18		52		23		400	
25		4	51	87					212	15	49	104	225	
121	17	35	20	128	139	48	26	10	79		23	117	1,065	
18			73						ⁱ 420					
66		65	^d 46			21	41		28		30		523	
31			138			203	102	16	38	1			500	
4			119	136		6			24				70	
222			1						2				649	
13	2	21	^m 107	47	107				43		6		220	
26		36	7	11	36				42	13	13	5	236	
^c 95			8	14	23	1	2		^e 12				411	
24		22	49	100	83			10	84	15	21	45	238	
44				27								22	142	
43	15		21	57	38				11			11	599	
30	9	24	115	180	186				90	43	13	21	425	
4			26	47	35	14			38			7	225	
119		51	60	70					322		163	33	410	
4			94	140	159	40	17		90				221	
			3	1		5								
2,779	132	926	4,351	3,730	3,166	1,061	377	281	3,883	161	720	821	17,372	

TABLE 3.—*Students, by classes and courses,*

PART 2.—NEGRO STUDENTS.

State or Territory.	By classes.					By courses.		
	Preparatory.	Collegiate.	Short or special.	Other departments.	Total.	Agriculture.	Carpentry.	Machine shop work.
Alabama (Normal).....	144	8	88	238	478	173	29	35
Arkansas (Pine Bluff).....	70	180			250		60	18
Delaware (Dover).....	82	51			133	30	30	8
Florida (Tallahassee).....				280	280	124	11	
Georgia (Savannah).....	362	12			374	4	31	
Kentucky (Frankfort).....	119	83			202	19	41	5
Louisiana (New Orleans).....	351	2			353	45	56	56
Maryland (Princess Anne).....	144				144	16	16	
Mississippi (Lorman).....	437	92			529	100	75	
Missouri (Jefferson City).....	36			375	411	36	41	7
North Carolina (Greensboro).....		170	2		172	162	22	4
Oklahoma (Langston).....	296	4	19	15	334	55	28	19
South Carolina (Orangeburg).....	633	59			692	20	37	42
Texas (Prairie View).....	412				412	98	45	
Virginia (Hampton).....	1,362	21	187		1,570	908	56	15
West Virginia (Institute).....	96		14	108	218	8	21	2
Total.....	4,544	682	310	1,016	6,552	1,798	599	211

at land-grant colleges in 1906—Continued.

PART 2.—NEGRO STUDENTS.

By courses—Continued.															
Blacksmith- ing.	Shoemaking.	Broom mak- ing.	Wheelwright- ing.	Bricklaying.	Painting.	Printing.	Harness mak- ing.	Tailoring.	Plastering.	Sewing.	Cooking.	Laundrying.	Nursing.	Millinery.	Military tac- tics.
32	28	.....	32	36	20	30	.....	.....	.....	78	26	20	36	65	201
40	.....	.....	.....	.....	.....	.....	.....	.....	.....	110	.....	10	.....	.....	110
5	.....	.....	.....	.....	.....	2	.....	.....	.....	25	20	16	.....	.....	60
12	.....	.....	7	.....	7	5	.....	19	.....	112	110	110	11	19	104
33	25	.....	10	51	10	.....	1	43	20	68	.....	.....	.....	.....	227
.....	.....	.....	.....	.....	.....	20	.....	.....	.....	68	17	130	.....	.....	87
.....	.....	.....	.....	.....	10	10	.....	.....	.....	214	.....	.....	.....	20	.....
7	.....	.....	2	.....	.....	8	.....	.....	.....	71	48	9	.....	.....	48
50	20	.....	18	4	25	.....	20	.....	.....	75	50	12	10	.....	.....
8	.....	.....	.....	.....	.....	5	.....	.....	.....	110	86	140	.....	17	.....
24	.....	15	2	42	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	130	30	.....	.....	.....	.....
5	7	.....	5	75	6	.....	7	20	75	329	.....	.....	26	.....	363
20	.....	.....	3	.....	.....	.....	.....	.....	.....	175	185	10	.....	30	.....
26	10	.....	12	40	11	9	2	41	40	584	334	227	.....	5	500
17	.....	.....	8	17	6	11	.....	.....	17	59	67	.....	.....	16	98
305	90	15	99	265	117	100	30	123	152	2,208	973	684	83	172	1,798

TABLE 4.—Value of permanent funds and

State or Territory.	Land-grant fund of 1862.	Other land-grant funds.	Other permanent funds.	Land grant of 1862 still unsold.	Farm and grounds owned by the institution.
Alabama (Auburn).....	\$253,500.00				\$4,500.00
Alabama (Normal).....					10,593.20
Arizona.....					25,640.00
Arkansas (Fayetteville)....	130,000.00				12,000.00
Arkansas (Pine Bluff).....					60,000.00
California.....	731,325.54	\$154,712.27	\$2,785,404.30	\$5,807.60	125,000.00
Colorado.....	109,411.18			125,000.00	30,000.00
Connecticut.....	135,000.00		60,000.00		10,000.00
Delaware (Newark).....	83,000.00				6,000.00
Delaware (Dover).....					18,800.00
Florida (Gainesville).....	153,800.00	61,650.00			10,000.00
Florida (Tallahassee).....					75,000.00
Georgia (Athens).....	242,202.17				8,600.00
Georgia (Savannah).....					18,000.00
Idaho.....	4,752.00	261,809.73		890,400.00	175,000.00
Illinois.....	635,026.03			400.00	100,000.00
Indiana.....	340,000.00				100,000.00
Iowa.....	683,000.00				50,200.00
Kansas.....	492,381.36				437,393.00
Kentucky (Lexington).....	165,000.00				25,100.00
Kentucky (Frankfort).....					151,040.00
Louisiana (Baton Rouge)....	182,313.00	136,000.00			40,000.00
Louisiana (New Orleans)....					25,000.00
Maine.....	118,300.00		100,000.00		30,000.00
Maryland (College Park)....	118,000.00				3,200.00
Maryland (Princess Anne)....					44,350.00
Massachusetts (Amherst)....	219,000.00		142,000.00		
Massachusetts (Boston)....					48,137.50
Michigan.....	973,336.49			65,057.50	550,000.00
Minnesota.....	570,747.59	796,891.38		240.00	63,500.00
Mississippi (Agr'l College)...	98,575.00	141,212.55			35,000.00
Mississippi (Lorman).....	113,575.00	96,296.00			265,206.00
Missouri (Columbia).....	349,881.19	220,000.00	668,958.23	60,000.00	8,000.00
Missouri (Jefferson City)...					31,000.00
Montana.....	14,357.90	25,157.51		299,541.00	325,000.00
Nebraska.....	433,646.31	159,757.30			125,000.00
Nevada.....	99,351.54	48,560.20	1,000.00		20,500.00
New Hampshire.....	80,000.00		70,000.00		142,000.00
New Jersey.....	116,000.00		550,000.00		17,500.00
New Mexico.....					429,077.98
New York.....	688,576.12		7,151,298.30		60,000.00
North Carolina (Raleigh)...	125,000.00				25,200.00
North Carolina (Greensboro)...					32,000.00
North Dakota.....	762,600.00			773,950.00	1,540,000.00
Ohio.....	524,176.58	69,930.53	167,935.63		30,000.00
Oklahoma (Stillwater).....		500,000.00			7,000.00
Oklahoma (Langston).....		2,827.18			37,000.00
Oregon.....	193,778.00			5,000.00	40,000.00
Pennsylvania.....	427,290.50				14,855.00
Rhode Island.....	50,000.00				
South Carolina (Clemson College).....	95,900.00		58,539.39		42,470.00
South Carolina (Orangeburg).....	95,900.00				40,000.00
South Dakota.....	2,464.84			800,000.00	60,000.00
Tennessee.....	400,000.00				285,475.00
Texas (College Station)....	209,000.00				50,000.00
Texas (Prairie View).....					15,000.00
Utah.....	183,442.77				17,400.00
Vermont.....	135,500.00		581,951.87		37,000.00
Virginia (Blacksburg).....	344,312.00				31,000.00
Virginia (Hampton).....	176,156.00		1,428,758.00		57,000.00
Washington.....	2,000.00	1,025,000.00		890,000.00	20,000.00
West Virginia (Morgantown).....	114,169.00		1,600.00		225,000.00
West Virginia (Institute)...					11,500.00
Wisconsin.....	303,359.61	288,263.95	62,500.00	340.00	1,500,000.00
Wyoming.....	21,450.57			90,000.00	40,000.00
Total.....	12,500,558.29	3,988,068.60	13,829,945.72	4,005,736.10	7,873,237.68

a Including farm and grounds.

b Including all other equipment.

c Including value of land on which university buildings are located.

equipment of land-grant colleges, 1906.

Buildings.	Apparatus.	Machinery.	Libraries.	Live stock.	Miscellaneous equipment.	Total.
\$153,700.00	\$20,794.00	\$23,488.00	\$39,200.00	\$2,500.00	\$18,000.00	\$515,682.00
55,000.00	6,960.30	3,441.35	12,000.00	641.75	-----	88,636.60
152,708.89	28,522.08	18,881.04	20,414.69	1,270.00	-----	247,436.70
400,000.00	67,000.00	36,000.00	18,000.00	3,000.00	-----	666,000.00
28,000.00	600.00	15,000.00	2,500.00	-----	1,800.00	107,900.00
^a 3,947,017.74	-----	-----	-----	-----	-----	7,624,267.45
190,251.00	54,500.00	19,516.60	31,247.90	11,063.00	23,000.00	688,989.68
175,000.00	13,700.00	7,500.00	20,000.00	10,000.00	21,700.00	472,900.00
145,000.00	51,500.00	22,000.00	22,900.00	200.00	3,000.00	337,600.00
26,000.00	1,000.00	800.00	300.00	1,000.00	500.00	35,600.00
150,000.00	-----	-----	-----	-----	^b 55,000.00	439,250.00
25,200.00	7,384.59	1,754.87	-----	829.50	-----	45,168.96
^c 550,000.00	35,000.00	-----	40,000.00	1,500.00	-----	943,702.17
32,433.04	3,144.00	200.00	400.00	415.00	-----	45,192.04
120,000.00	10,842.81	10,349.65	2,200.00	5,320.00	6,823.82	1,330,498.01
1,500,000.00	230,000.00	140,000.00	140,000.00	40,000.00	150,000.00	3,010,426.03
680,000.00	-----	^d 210,000.00	24,000.00	7,500.00	25,000.00	1,386,500.00
1,200,000.00	122,500.00	30,000.00	75,000.00	22,500.00	75,000.00	2,308,000.00
422,579.45	47,552.26	39,729.37	52,554.10	15,800.00	130,154.04	1,250,950.58
262,859.00	51,707.00	26,708.00	13,911.00	3,054.00	423,326.00	1,383,958.00
40,000.00	300.00	2,700.00	2,000.00	2,500.00	1,300.00	73,900.00
427,700.00	19,683.56	16,230.38	29,653.98	1,390.00	27,806.65	991,817.57
47,760.82	3,644.31	4,415.10	3,990.00	1,100.00	7,551.10	108,461.33
325,000.00	30,000.00	17,500.00	32,000.00	4,700.00	13,000.00	665,500.00
170,000.00	-----	^d 50,000.00	6,500.00	-----	-----	374,500.00
12,800.00	-----	-----	-----	1,000.00	^e 1,900.00	18,900.00
252,775.00	8,000.00	-----	27,000.00	9,816.00	124,556.61	827,497.61
882,376.16	-----	^d 382,500.00	145,189.60	-----	-----	1,410,065.76
471,613.00	42,032.47	37,260.00	48,921.83	11,756.50	-----	1,698,115.29
1,300,000.00	120,000.00	90,000.00	98,000.00	-----	20,000.00	3,545,878.97
364,391.00	23,287.22	120,896.37	22,597.17	24,405.00	72,738.64	931,602.95
155,000.00	1,200.00	-----	4,500.00	4,000.00	3,000.00	412,571.00
1,000,000.00	140,000.00	26,000.00	130,000.00	8,000.00	60,000.00	2,928,045.42
125,000.00	1,000.00	6,000.00	2,500.00	200.00	100.00	142,800.00
123,500.00	46,800.00	15,500.00	17,400.00	3,760.00	21,500.00	598,516.41
670,000.00	^f 125,000.00	-----	150,000.00	18,800.00	120,000.00	2,002,203.61
174,200.50	21,260.10	15,460.74	20,625.20	2,187.95	42,000.00	549,646.23
238,000.00	26,000.00	6,700.00	15,000.00	3,900.00	16,000.00	476,100.00
488,000.00	35,000.00	-----	51,000.00	-----	80,000.00	1,462,000.00
53,000.00	19,750.00	28,000.00	17,000.00	2,250.00	8,000.00	145,500.00
2,946,007.83	-----	-----	653,221.00	-----	957,862.41	12,826,043.64
265,050.00	15,400.00	50,000.00	8,006.89	1,500.00	15,000.00	539,956.89
65,000.00	9,000.00	7,247.96	1,580.85	2,902.50	2,676.25	113,607.56
280,393.03	17,802.85	16,262.62	19,297.64	8,098.56	6,241.07	1,916,645.77
1,210,000.00	310,000.00	100,000.00	200,000.00	13,000.00	-----	4,135,042.74
123,074.75	49,831.09	32,644.67	23,440.38	12,829.00	22,421.00	794,240.89
56,100.35	2,200.00	9,969.25	2,150.00	1,135.00	3,000.00	84,381.78
160,000.00	5,000.00	27,000.00	-----	-----	-----	427,778.00
1,272,500.00	-----	-----	35,000.00	-----	^e 60,000.00	1,834,790.50
130,139.90	-----	-----	18,488.71	-----	106,258.57	319,742.18
418,025.87	22,003.00	106,661.00	24,832.00	12,123.00	-----	780,554.26
85,000.00	3,600.00	7,150.00	1,700.00	2,200.00	2,300.00	237,850.00
225,000.00	17,000.00	15,000.00	5,500.00	10,000.00	3,500.00	1,138,464.84
214,072.88	58,058.90	54,481.76	15,707.42	4,624.50	15,500.07	1,047,920.53
500,000.00	17,000.00	52,000.00	15,242.00	11,000.00	30,000.00	884,242.00
91,000.00	1,000.00	3,500.00	1,200.00	2,000.00	1,000.00	114,700.00
280,761.83	27,939.82	23,863.50	12,074.35	6,502.37	28,952.89	580,937.53
810,000.00	43,000.00	21,500.00	103,000.00	3,750.00	167,500.00	1,903,201.87
390,065.00	-----	^d 166,827.00	5,877.00	-----	-----	938,081.00
650,000.00	-----	-----	8,500.00	15,862.00	170,000.00	2,506,276.00
265,000.00	335,000.00	45,500.00	25,000.00	6,000.00	17,500.00	2,631,000.00
475,000.00	14,000.00	32,000.00	43,500.00	1,500.00	50,000.00	956,769.00
93,100.00	2,949.00	13,200.00	3,800.00	1,705.00	-----	126,254.00
1,595,300.00	-----	587,068.48	224,511.60	21,247.00	-----	4,582,590.64
185,000.00	65,890.52	34,638.35	29,478.95	5,575.50	10,000.00	482,033.89
30,322,457.04	2,432,339.88	2,831,046.06	2,819,614.26	369,913.13	3,222,469.12	84,195,385.88

^d Including apparatus.^e Including apparatus and machinery.^f Including machinery.

TABLE 5.—Revenue of land-grant colleges

State or Territory.	Federal aid.			State aid.
	Interest on land grant of 1862.	Interest on other land grants.	Appropriation act of 1890.	Interest on endowment or regular appropriation.
Alabama (Auburn).....	\$20,280.00		\$13,725.00	
Alabama (Normal).....			11,275.00	
Arizona.....			25,000.00	
Arkansas (Fayetteville).....	3,900.00		18,181.82	
Arkansas (Pine Bluff).....			6,818.18	
California.....	43,806.40	\$9,267.26	25,000.00	\$44,925.00
Colorado.....	31,107.00		25,000.00	
Connecticut.....	6,755.50		25,000.00	
Delaware (Newark).....	4,980.00		20,000.00	
Delaware (Dover).....			5,000.00	
Florida (Gainesville).....	7,710.00	2,981.25	12,500.00	
Florida (Tallahassee).....			12,500.00	
Georgia (Athens).....	16,954.14		16,666.67	
Georgia (Savannah).....			8,333.33	
Idaho.....		18,000.00	25,000.00	
Illinois.....	33,072.05		25,000.00	
Indiana.....	17,000.00		25,000.00	
Iowa.....	34,170.40		25,000.00	
Kansas.....	31,275.51		25,000.00	
Kentucky (Lexington).....	8,644.50		21,375.00	
Kentucky (Frankfort).....	1,255.50		3,625.00	
Louisiana (Baton Rouge).....	9,115.69	5,440.00	13,158.62	
Louisiana (New Orleans).....			11,841.38	
Maine.....	5,915.00		25,000.00	
Maryland (College Park).....	5,817.18		20,000.00	
Maryland (Princess Anne).....			5,000.00	
Massachusetts (Amherst).....	7,300.00		16,666.66	3,313.32
Massachusetts (Boston).....	4,191.96		8,333.34	
Michigan.....	70,286.56		25,000.00	
Minnesota.....	23,966.52		25,000.00	33,462.15
Mississippi (Agricultural College).....	5,914.50	8,472.75	12,339.20	
Mississippi (Lorman).....	6,814.50	5,777.77	12,660.80	
Missouri (Columbia).....	17,494.06	12,320.00	23,437.50	33,297.90
Missouri (Jefferson City).....			1,562.50	
Montana.....	7,000.00		25,000.00	
Nebraska.....	30,000.00	10,000.00	25,000.00	
Nevada.....	4,600.00		25,000.00	
New Hampshire.....	4,800.00		25,000.00	
New Jersey.....	5,800.00		25,000.00	
New Mexico.....		1,498.02	25,000.00	
New York.....	34,428.80		25,000.00	
North Carolina (Raleigh).....	7,500.00		16,750.00	
North Carolina (Greensboro).....			8,250.00	
North Dakota.....	35,616.10		25,000.00	
Ohio.....	31,450.59	4,195.83	25,000.00	
Oklahoma (Stillwater).....		14,303.87	22,500.00	
Oklahoma (Langston).....			2,500.00	
Oregon.....	12,293.05		25,000.00	
Pennsylvania.....	25,637.43		25,000.00	5,382.57
Rhode Island.....	2,500.00		25,000.00	
South Carolina (Clemson College).....	5,754.00		12,500.00	
South Carolina (Orangeburg).....	5,754.00		12,500.00	
South Dakota.....	14,006.07		25,000.00	
Tennessee.....	23,960.00	250.00	25,000.00	
Texas (College Station).....	14,280.00		18,750.00	
Texas (Prairie View).....			6,250.00	
Utah.....	6,961.04		25,000.00	
Vermont.....	8,130.00		25,000.00	2,600.00
Virginia (Blacksburg).....	20,658.00		16,666.67	
Virginia (Hampton).....	10,329.36		8,333.33	
Washington.....	5,000.00		25,000.00	
West Virginia (Morgantown).....	6,500.00		20,000.00	
West Virginia (Institute).....			5,000.00	
Wisconsin.....	12,828.68	13,678.42	25,000.00	
Wyoming.....	5,239.25		25,000.00	
Total.....	758,753.34	106,185.17	1,200,000.00	122,980.94

for year ended June 30, 1906.

State aid—Continued.		Income from endowment other than Federal or State grants.	Fees and all other sources.			Total.	United States appropriations for experiment stations (acts of 1887 and 1906).
Appropriation for current expenses.	Appropriation for buildings or for other special purposes.		Tuition fees.	Incidental fees.	Miscellaneous.		
\$29,600.00	\$1,500.00	-----	\$1,180.00	\$2,725.00	\$5,179.00	\$74,189.00	\$20,000.00
4,000.00	-----	-----	-----	350.00	-----	15,625.00	-----
27,000.00	20,000.00	-----	445.00	500.00	3,353.54	76,298.54	20,000.00
75,000.00	50,000.00	-----	-----	5,375.00	316.96	152,773.78	20,000.00
6,000.00	-----	-----	300.00	-----	-----	13,118.18	-----
342,832.40	132,584.01	\$96,114.80	3,375.00	38,169.79	314,116.22	1,050,190.88	20,000.00
69,069.41	15,000.00	-----	-----	-----	7,589.37	147,765.78	20,000.00
20,000.00	60,000.00	-----	-----	-----	30,272.41	142,027.91	10,000.00
-----	7,500.00	-----	900.00	3,100.00	1,669.86	38,149.86	20,000.00
-----	3,000.00	-----	-----	-----	6,101.57	14,101.57	-----
12,263.03	-----	-----	-----	964.59	853.04	37,271.91	20,000.00
3,500.00	5,500.00	-----	-----	500.00	-----	22,000.00	-----
-----	-----	-----	-----	192.50	-----	33,813.31	-----
8,000.00	-----	-----	-----	-----	-----	16,333.33	-----
17,000.00	-----	-----	-----	-----	-----	60,000.00	20,000.00
350,000.00	442,035.00	-----	-----	a210,989.79	83,266.45	1,144,363.29	20,000.00
153,828.81	42,628.04	-----	9,281.25	49,428.85	6,176.32	303,343.27	20,000.00
156,041.65	266,022.43	-----	1,308.00	30,638.50	7,554.19	520,735.17	20,000.00
90,000.00	45,500.00	-----	11,254.00	-----	-----	203,029.51	20,000.00
68,452.19	-----	-----	4,013.50	3,316.50	2,091.98	107,893.67	20,000.00
8,000.00	20,000.00	-----	-----	200.00	4,927.40	38,007.90	-----
15,000.00	22,500.00	-----	1,380.00	2,234.50	7,967.27	76,796.08	20,000.00
10,000.00	-----	-----	-----	-----	255.75	22,097.13	-----
32,000.00	-----	4,000.00	12,000.00	8,000.00	-----	86,915.00	20,000.00
9,000.00	20,000.00	-----	b 22,855.92	2,651.66	11,551.67	91,876.43	20,000.00
-----	-----	-----	392.90	311.00	709.49	6,413.39	-----
40,250.00	51,650.00	-----	398.00	1,434.08	5,816.28	126,828.34	19,617.70
25,000.00	-----	76,274.46	320,585.55	12,877.43	24,584.55	471,847.29	-----
47,000.00	93,767.35	-----	865.00	5,272.50	46,408.31	288,599.72	20,000.00
251,873.58	555,100.00	-----	130,879.03	-----	27,272.76	1,047,554.04	20,000.00
65,946.36	27,874.70	-----	680.00	3,612.50	41,336.60	166,176.61	20,000.00
8,000.00	24,500.00	-----	-----	-----	-----	57,753.07	-----
205,500.00	191,822.16	100.00	-----	17,688.00	55,117.08	556,776.70	20,000.00
27,200.00	-----	-----	-----	-----	-----	28,762.50	-----
18,000.00	-----	-----	2,113.00	800.00	4,925.00	57,838.00	20,000.00
197,500.00	137,470.00	1,000.00	9,878.05	8,518.00	33,105.20	452,471.25	20,000.00
25,000.00	10,000.00	120.00	2,000.00	-----	1,267.11	67,987.11	20,000.00
13,000.00	30,500.00	3,252.00	3,012.50	1,635.88	17,368.82	98,569.20	20,000.00
40,300.00	24,000.00	19,202.19	-----	-----	c 12,770.74	127,072.93	20,000.00
13,152.51	-----	-----	1,467.10	-----	5,503.71	46,621.34	20,000.00
75,000.00	-----	367,205.72	310,616.61	78,692.25	318,316.94	1,209,260.32	18,000.00
25,000.00	5,000.00	-----	13,513.35	7,475.29	7,259.23	82,497.87	20,000.00
7,500.00	3,750.00	-----	166.14	-----	-----	19,666.14	-----
33,849.83	-----	-----	-----	5,041.60	4,463.75	103,971.28	20,000.00
323,422.15	208,035.37	7,492.29	46,184.50	-----	45,204.50	690,985.23	-----
25,572.74	101,100.97	-----	-----	1,431.00	22,624.09	187,532.67	20,000.00
28,971.82	-----	-----	-----	-----	-----	31,471.82	-----
-----	25,000.00	-----	-----	1,271.26	4,459.13	68,023.44	20,000.00
85,960.17	39,018.00	-----	855.00	20,890.07	49,176.40	251,919.64	20,000.00
15,000.00	25,300.00	-----	500.00	1,000.00	-----	69,300.00	20,000.00
158,354.03	-----	3,512.36	2,956.33	-----	41,016.35	224,093.07	20,000.00
6,300.00	-----	-----	3,244.00	3,115.00	14,862.93	24,554.00	-----
36,200.00	16,000.00	-----	a 15,775.51	-----	10,858.32	112,428.00	-----
-----	25,000.00	2,295.37	-----	2,055.00	-----	103,139.20	20,000.00
73,085.00	15,000.00	-----	-----	-----	24,500.00	123,170.00	20,000.00
17,500.00	-----	-----	3,240.00	1,400.20	23,714.84	48,250.00	-----
65,000.00	5,250.00	-----	d 33,949.74	-----	7,744.85	130,566.08	20,000.00
6,000.00	-----	26,041.99	-----	36,826.00	-----	109,466.58	20,000.00
45,000.00	82,500.00	66,673.31	110.00	3,546.00	140,640.37	201,650.67	20,000.00
-----	2,500.00	-----	-----	-----	16,680.60	225,976.37	-----
75,000.00	28,837.50	-----	199.00	-----	c 20,718.00	127,836.60	20,000.00
103,150.00	5,900.00	-----	20,390.90	57,667.50	546.30	179,205.50	20,000.00
23,775.00	200,000.00	3,453.72	738.50	39.75	137,418.22	35,420.30	-----
572,914.00	301.79	400.00	-----	-----	30.30	1,043,351.44	20,000.00
21,285.66	-----	-----	-----	-----	-----	53,035.25	20,000.00
4,308,150.34	3,088,947.32	677,138.21	993,003.38	631,936.99	1,659,663.77	13,546,759.46	867,617.70

a Including tuition fees.

b Including board of students.

c Including tuition and incidental fees.

d Including incidental fees.

Oklahoma (Stillwater)	17,500.00	1,029.59	5,100.00	6,000.00	3,100.00	1,000.00	533,729.59
Oklahoma (Langston)	18,000.00	150.00	350.00	450.00	450.00	6,000.00	18,950.00
Oregon	15,472.96	800.00	355.67	446.70	441.90		7,940.96
Pennsylvania	5,000.00	1,480.00	350.00				16,272.96
Rhode Island	22,865.87	1,529.00	1,352.89	3,591.58			6,830.00
South Carolina (Clemson College)		300.00	1,00.50	192.00			29,340.34
South Carolina (Orangeburg)		2,041.86	1,000.00	500.00	800.00	1,400.00	4,000.00
South Dakota	6,217.05		5,303.26	3,548.17	511.00	341.39	17,968.73
Tennessee	5,000.00	250.00		250.00		400.00	16,400.00
Texas (College Station)	4,498.30	1,424.35	2,939.82	3,863.50	2,002.37	500.00	1,250.00
Texas (Prairie View)		1,500.00	600.00		100.00	5,185.01	19,913.35
Utah		950.00				c 12,663.00	32,950.00
Vermont	59,363.00	1,300.00				4,200.00	72,976.00
Virginia (Blacksburg)	57,000.00	800.00	a 7,000.00			4,780.00	160,825.00
Virginia (Hampton)	5,000.00	3,500.00	1,500.00	12,000.00		4,087.50	13,580.00
Washington	7,750.00	200.00	224.00	400.00		150.00	28,837.50
West Virginia (Morgantown)	16,000.00	36,370.47	a 32,236.27		462.00	5,998.95	16,974.00
West Virginia (Institute)	38,642.63	1,622.05	1,650.69	1,416.16	2,250.50		113,710.32
Wisconsin							6,939.40
Wyoming							
Total	1,215,084.73	1,745,118.99	227,340.63	134,800.20	56,244.87	133,597.19	3,965,149.84

a Including machinery.

b Including apparatus.

c Including apparatus, machinery, and live stock.

TABLE 7.—Disbursements from the United States Treasury to the States and Territories in aid of colleges of agriculture and the mechanic arts under the act of Congress approved August 30, 1890. (a)

State or Territory.	Year ending June 30—										
	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	b 1900.
Alabama.....	\$15,000	\$16,000	\$17,000	\$18,000	\$19,000	\$20,000	\$21,000	\$22,000	\$23,000	\$24,000	\$25,000
Arizona.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Arkansas.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
California.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Colorado.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Connecticut.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Delaware.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Florida.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Georgia.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Idaho.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Illinois.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Indiana.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Iowa.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Kansas.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Kentucky.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Louisiana.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Maine.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Maryland.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Massachusetts.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Michigan.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Minnesota.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Mississippi.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Missouri.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Montana.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Nebraska.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Nevada.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
New Hampshire.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
New Jersey.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
New Mexico.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
New York.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
North Carolina.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
North Dakota.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Ohio.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Oklahoma.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Oregon.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Pennsylvania.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Rhode Island.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
South Carolina.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
South Dakota.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Tennessee.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Texas.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Utah.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000

Vermont.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Virginia.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Washington.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
West Virginia.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Wisconsin.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Wyoming.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000
Total.....	660,000	704,000	782,000	864,000	912,000	960,000	1,008,000	1,056,000	1,104,000	1,152,000	1,200,000

^a From the annual statement of Commissioner of Education to the Secretary of the Interior, 1936.
^b For each of the years ended June 30, 1901, 1902, 1903, 1904, 1905, 1906, and 1907 the sum of \$25,000 was paid to each of the 48 States and Territories included in this tabular statement, the total amount disbursed for each of said years being \$1,200,000.

STATISTICS OF AGRICUL

TABLE 8.—General

Station.	Location.	Director.	Date of original organization.	Date of organization under Hatch Act.
Alabama (College).....	Auburn.....	J. F. Duggar, M. S....	Feb. —, 1883	Feb. 24, 1888
Alabama (Canebrake) ..	Uniontown.....	J. M. Richeson, ^a M. S.	Jan. 1, 1886	Apr. 1, 1888
Alabama.....	Tuskegee Institute...	G. W. Carver, M. S. Agr.	Feb. 15, 1897	.....
Arizona.....	Tucson.....	R. H. Forbes, M. S....	.....	1889
Arkansas.....	Fayetteville.....	W. G. Vincenheller...	.....	1887
California.....	Berkeley.....	E. J. Wickson, ^b A. M.	1875	Mar. —, 1888
Colorado.....	Fort Collins.....	L. G. Carpenter, M. S.	.....	Feb. 29, 1888
Connecticut (State)....	New Haven.....	E. H. Jenkins, Ph. D.	Oct. 1, 1875	May 18, 1887
Connecticut (Storrs)...	Storrs.....	L. A. Clinton, M. S....	.....	.....do.....
Delaware.....	Newark.....	Harry Hayward, M. S. Agr.	.....	Feb. 21, 1888
Florida.....	Gainesville.....	P. H. Rolfs, M. S....	.....	1888
Georgia.....	Experiment.....	M. V. Calvin.....	Feb. 18, 1888	July 1, 1889
Idaho.....	Moscow.....	H. T. French, M. S....	.....	Feb. 26, 1892
Illinois.....	Urbana.....	Eugene Davenport, M. Agr.	.....	Mar. 21, 1888
Indiana.....	Lafayette.....	Arthur Goss, M. S., A. C.	1885	Jan. —, 1888
Iowa.....	Ames.....	C. F. Curtiss, M. S. A.	.....	Feb. 17, 1888
Kansas.....	Manhattan.....	C. W. Burkett, M. S....	.....	Feb. 8, 1888
Kentucky.....	Lexington.....	M. A. Scovell, M. S....	Sept. —, 1885	Apr. —, 1888
Louisiana (Sugar).....	New Orleans.....	W. R. Dodson, A. B., B. S.	Sept. —, 1885	}
Louisiana (State).....	Baton Rouge.....	do.....	Apr. —, 1886	
Louisiana (North).....	Calhoun.....	do.....	May —, 1887	

^a Assistant director in charge.^b Acting director.

TURAL EXPERIMENT STATIONS.

statistics, 1906.

Number on staff.	Number of teachers on staff.	Number of persons on staff who assist in farmers' institutes.	Publications during fiscal year 1905-6.		Number of names on mailing list.	Principal lines of work.
			Number.	Pages.		
17	13	8	4	106	14,000	Chemistry; botany; soils; analyses of fertilizers and food materials; field and pot experiments; horticulture; plant breeding; diseases of plants and animals; feeding experiments; entomology; dairying.
2	-----	-----	1	29	2,000	Soil improvement; field experiments; horticulture; floriculture; plant breeding; diseases of plants and animals.
11	9	9	3	37	1,500	Field experiments; horticulture; plant breeding; diseases of plants; animal industry; poultry investigations; dairying.
10	2	3	7	87	6,000	Chemistry; botany; field experiments, improvement of ranges; horticulture, including date-palm culture; feeding and breeding experiments; irrigation.
12	7	7	5	274	14,150	Chemistry; field experiments; horticulture; plant breeding; diseases of plants and animals; feeding and breeding experiments; entomology; nursery inspection; dairying; poultry experiments.
40	10	6	24	708	8,000	Chemistry; soils; bacteriology; fertilizer control; field crops; horticulture, including date culture, viticulture, and zymology; botany; meteorology; animal husbandry; entomology; dairying; poultry culture; drainage and irrigation; sylviculture; reclamation of alkali lands; animal and plant pathology; nutrition investigations.
21	14	15	18	438	8,000	Chemistry; meteorology; field experiments; horticulture; forestry; plant breeding; diseases of plants; animal husbandry; veterinary investigations; entomology; irrigation.
17	-----	6	3	400	8,906	Chemistry; analysis and inspection of fertilizers, foods, and feeding stuffs; inspection of Babcock test apparatus and nurseries; diseases of plants; plant selection and breeding; forestry; field experiments; entomology.
13	6	5	6	324	9,500	Food and nutrition of man and animals; bacteriology of dairy products; field experiments; horticulture; feeding and breeding experiments; poultry experiments; dairying.
7	6	4	5	133	6,854	Chemistry; bacteriology; mycology; field experiments; horticulture; plant breeding; diseases of plants and animals; feeding experiments; entomology; dairying.
11	10	-----	6	181	4,500	Chemistry; field experiments; horticulture; diseases of plants; feeding experiments; veterinary science; entomology.
12	1	4	6	168	15,424	Chemistry; field experiments; bacteriology; horticulture; plant breeding; plant diseases; entomology; feeding experiments; dairying.
8	4	6	7	116	6,000	Chemistry; physics; botany; field experiments; horticulture; plant breeding and diseases; entomology; animal husbandry; irrigation.
38	20	22	19	440	33,000	Chemistry; soil physics; bacteriology; pot and field experiments; horticulture; forestry; plant breeding; animal husbandry; diseases of plants and animals; dairying.
24	11	15	8	334	15,192	Chemistry; soils; pot and field experiments; horticulture; plant breeding; breeding and feeding experiments; diseases of plants and animals; entomology; dairying.
25	17	17	5	174	20,000	Chemistry; botany; soils; field experiments; horticulture; plant breeding; forestry; diseases of plants; animal husbandry; poultry investigations; entomology; dairying; rural engineering; good roads investigations.
20	16	14	8	206	22,600	Chemistry; soils; horticulture; plant breeding; field experiments; feeding and digestion experiments; poultry experiments; diseases of animals; entomology; dairying; extermination of prairie dogs and gophers; irrigation.
18	-----	3	11	1,606	10,500	Chemistry; soils; inspection of fertilizers, foods, feeding stuffs, seeds, orchards, and nurseries; field experiments; horticulture; plant breeding; animal husbandry; diseases of plants; entomology; apiculture; dairying.
26	2	8	4	95	13,000	Chemistry; bacteriology; soils; field experiments; horticulture; sugar making; drainage; irrigation. Geology; botany; bacteriology; soils; inspection of fertilizers, foods, and Paris green; field experiments; horticulture; animal husbandry; diseases of animals; entomology. Chemistry; soils; fertilizers; field experiments; horticulture; feeding experiments; stock raising; poultry experiments; dairying.

TABLE 8.—General

Station.	Location.	Director.	Date of original organization.	Date of organization under Hatch Act.
Maine.....	Orono.....	C. D. Woods, Sc. D...	Mar. —, 1885	Oct. 1, 1887
Maryland.....	College Park..	H. J. Patterson, B. S.	1888	Apr. —, 1888
Massachusetts.....	Amherst.....	W. P. Brooks, Ph. D.	^a 1882	Mar. 2, 1888
Michigan.....	Agricultural College..	C. D. Smith, M. S.....		Feb. 26, 1888
Minnesota.....	St. Anthony Park....	W. M. Liggett.....	Mar. 7, 1885	1888
Mississippi.....	Agricultural College..	W. L. Hutchinson, M. S.		Jan. 27, 1888
Missouri (College).....	Columbia.....	H. J. Waters, B. S. A.		Jan. —, 1888
Missouri (Fruit).....	Mountain Grove.....	Paul Evans.....	Feb. 1, 1900	
Montana.....	Bozeman.....	F. B. Linfield, B. S. A.		July 1, 1893
Nebraska.....	Lincoln.....	E. A. Burnett, B. S...	Dec. 16, 1884	June 13, 1887
Nevada.....	Reno.....	J. E. Stubbs, M. A., D. D., LL. D.		Dec. —, 1887
New Hampshire.....	Durham.....	W. D. Gibbs, M. S....	1886	Aug. 4, 1887
New Jersey (State).....	New Brunswick.....	E. B. Voorhees, D. Sc.	Mar. 10, 1880	
New Jersey (College).....	do.....	do.....		Apr. 26, 1888
New Mexico.....	Agricultural College..	Luther Foster, M. S. A.		Dec. 14, 1889
New York (State).....	Geneva.....	W. H. Jordan, D. Sc...	Mar. —, 1882	
New York (Cornell).....	Ithaca.....	L. H. Bailey, M. S....	1879	Apr. —, 1888
North Carolina.....	Raleigh.....	B. W. Kilgore, M. S...	Mar. 12, 1877	Mar. 7, 1887

^a In 1882 the State organized a station here and maintained it until June 18, 1895, when it was combined with the Hatch Station at the same place.

statistics, 1906—Continued.

Number on staff.	Number of teachers on staff.	Number of persons on staff who assist in farmers' institutes.	Publications during fiscal year 1905-6.		Number of names on mailing list.	Principal lines of work.
			Number.	Pages.		
15	2	.....	15	574	10,000	Chemistry; botany; analysis and inspection of foods, fertilizers, concentrated commercial feeding stuffs, and agricultural seeds; inspection of creamery glassware; mycology; pomology; nutrition investigations; poultry raising; entomology.
23	6	8	7	135	20,500	Chemistry; fertilizers; field experiments; horticulture; plant breeding; diseases of plants and animals; feeding experiments; animal breeding; poultry raising; entomology; dairying.
23	10	6	18	248	37,000	Chemistry; meteorology; analysis and inspection of fertilizers and concentrated commercial feeding stuffs; inspection of creamery glassware and nurseries; field experiments; horticulture; diseases of plants and animals; digestion and feeding experiments; entomology; dairying; effect of electricity on plant growth.
15	8	9	10	820	43,000	Chemistry; analysis and control of fertilizers; bacteriology; field experiments; horticulture; plant breeding; diseases of plants and animals; feeding and breeding experiments; entomology; stable hygiene.
20	6	.....	7	638	13,000	Chemistry; soils; fertilizers; field experiments; horticulture; forestry; diseases of plants and animals; food and nutrition of man; plant and animal breeding; feeding experiments; entomology; dairying; farm management; farm statistics.
19	7	8	11	332	21,000	Fertilizers; field experiments; horticulture; biology; plant breeding; animal husbandry; diseases of animals; poultry culture; entomology; dairying; agricultural engineering.
31	15	7	7	159	10,000	Chemistry; soil survey; botany; field experiments; horticulture; diseases of plants and animals; feeding experiments; animal and plant breeding; entomology; dairying.
5	.....	.....	2	30	4,500	Horticulture; entomology; inspection of orchards and nurseries.
13	12	9	8	308	5,000	Chemistry; meteorology; botany; field experiments; dry farming; horticulture; feeding and breeding experiments; poultry experiments; entomology; dairying; irrigation and drainage.
25	17	12	5	242	15,860	Chemistry; botany; meteorology; soils; field experiments; horticulture; plant breeding; diseases of plants and animals; forestry; feeding and breeding experiments; entomology; dairying; irrigation.
9	4	6	6	253	3,500	Chemistry; meteorology; botany; soils; field experiments; horticulture; plant breeding; forestry; animal feeding and breeding; plant and animal diseases; entomology; irrigation.
14	9	8	8	132	13,000	Chemistry; botany; field experiments; horticulture; plant breeding; forestry; feeding and breeding experiments; entomology; dairying; poultry experiments.
14	5	6	6	878	6,500	Chemistry; oyster culture; botany; analysis of fertilizers, foods, and commercial feeding stuffs; pot, cylinder, and field experiments; horticulture; plant breeding; diseases of plants and animals; entomology; dairy husbandry; soil bacteriology; irrigation.
10	4	2	5	393		
13	10	6	6	90	3,200	Chemistry; botany; soils; field experiments; dry farming; horticulture; feeding experiments; entomology; dairying; irrigation.
27	.....	12	21	1,002	43,000	Chemistry; bacteriology; meteorology; fertilizers; analysis and control of fertilizers; inspection of feeding stuffs, Paris green, and creamery glassware; field experiments; horticulture; plant breeding; diseases of plants; feeding experiments; poultry experiments; entomology; dairying; irrigation.
23	16	16	11	841	15,890	Chemistry; soils; field experiments; horticulture; plant breeding; diseases of plants; feeding and breeding experiments; poultry experiments; entomology; dairying.
17	8	7	3	142	32,000	Chemistry; soils; field experiments; horticulture; diseases of plants and animals; animal husbandry; poultry experiments; dairying; tests of farm machinery.

TABLE 8.—General

Station.	Location.	Director.	Date of original organization.	Date of organization under Hatch Act.
North Dakota.....	Agricultural College ..	J. H. Worst, LL. D ..		Mar. —, 1890
Ohio.....	Wooster.....	C. E. Thorne, M. S. A..	Apr. 25, 1882	Apr. 2, 1888
Oklahoma.....	Stillwater.....	W. L. English, B. S ..		Dec. 25, 1890
Oregon.....	Corvallis.....	James Withycombe, M. Agr.		July —, 1888
Pennsylvania.....	State College.....	H. P. Armsby, Ph. D., LL. D.		June 30, 1887
Rhode Island.....	Kingston.....	H. J. Wheeler, Ph. D..		July 30, 1888
South Carolina.....	Clemson College.....	J. N. Harper, B. S., M. Agr.		Jan. —, 1888
South Dakota.....	Brookings.....	J. W. Wilson, M. S. A..		Mar. 13, 1887
Tennessee.....	Knoxville.....	H. A. Morgan, B. S. A.	June 8, 1882	Aug. 4, 1887
Texas.....	College Station.....	J. W. Carson, B. S. ^a ..		Apr. 3, 1889
Utah.....	Logan.....	P. A. Yoder, Ph. D.....		1890
Vermont.....	Burlington.....	J. L. Hills, Sc. D.....	Nov. 24, 1886	Feb. 28, 1888
Virginia.....	Blacksburg.....	A. M. Soule, B. S. A...	1888	1891
Washington.....	Pullman.....	E. A. Bryan, M. A., LL. D.		1891
West Virginia.....	Morgantown.....	J. H. Stewart, M. A...		June 11, 1888
Wisconsin.....	Madison.....	W. A. Henry, D. Agr., D. Sc.	1883	1887
Wyoming.....	Laramie.....	B. C. Buffum, M. S....	1887	Mar. 1, 1891
Total.....				

^a Vice-director.

statistics, 1906—Continued.

Number on staff.	Number of teachers on staff.	Number of persons on staff who assist in farmers' institutes.	Publications during fiscal year 1905-6.		Number of names on mailing list.	Principal lines of work.
			Number.	Pages.		
17	11	5	12	264	10,891	Chemistry; soils; botany; field experiments; plant breeding; horticulture; forestry; diseases of plants and animals; analysis of foods and spraying materials; inspection and analysis of paints, drugs, and proprietary products; feeding and breeding experiments; poultry experiments; drainage.
30	.....	11	31	549	45,000	Chemistry; soils; field experiments; botany; horticulture; plant breeding; forestry; diseases of plants; feeding experiments; entomology.
12	10	8	7	140	22,575	Chemistry; field experiments; horticulture; plant breeding; forestry; botany; bacteriology; diseases of plants and animals; animal husbandry; entomology.
13	5	4	5	154	6,000	Chemistry; bacteriology; soils; fertilizers; field crops; horticulture; plant breeding and selection; diseases of plants; feeding experiments; poultry experiments; entomology; dairying; irrigation.
20	6	2	14	308	17,100	Chemistry; meteorology; fertilizers; horticulture; plant diseases; field experiments; animal nutrition; feeding experiments; dairying; poultry experiments.
16	4	4	7	137	9,600	Chemistry; meteorology; soils; analysis and inspection of fertilizers and feeding stuffs; field and pot experiments; horticulture; plant breeding; poultry experiments.
20	12	12	9	217	12,500	Chemistry; analysis and control of fertilizers; soils; botany; field experiments; horticulture; plant breeding; diseases of plants; feeding and breeding experiments; veterinary science; entomology; dairying.
13	8	7	7	150	11,000	Chemistry; botany; horticulture; field experiments; plant breeding; diseases of plants and animals; animal husbandry; entomology.
15	9	10	4	52	8,500	Chemistry; soil investigations; inspection of fertilizers; field experiments; horticulture; plant breeding; seeds; weeds; diseases of plants and animals; feeding experiments; entomology; dairying; poultry investigations; apiculture.
19	8	6	7	146	30,000	Chemistry; seed testing and feed inspection; soils; field experiments; horticulture; plant breeding; feeding experiments; diseases of plants and animals; entomology; irrigation.
21	12	9	4	82	5,600	Chemistry of soils; alkali soil investigations; field experiments; horticulture; diseases of plants and animals; breeding and feeding experiments; dairying; poultry experiments; entomology; irrigation; arid farming.
13	5	5	8	426	13,000	Chemistry; botany; bacteriology; analysis and control of fertilizers and feeding stuffs; inspection of creamery glassware; field experiments; horticulture; diseases of plants; feeding and breeding experiments; dairying.
23	11	6	8	192	13,000	Chemistry; geology; biology; field experiments; horticulture; plant breeding; bacteriology; mycology; analysis of foods and soils; inspection of orchards; breeding and feeding experiments; veterinary science; entomology; cider and vinegar making; ferments; dairying.
16	12	12	5	230	6,000	Chemistry; botany; bacteriology; soils; field experiments; horticulture; plant breeding; diseases of plants; feeding and breeding experiments; veterinary science; entomology; dairying; irrigation.
13	3	4	12	316	8,000	Chemistry; analysis and control of fertilizers; soils; field experiments; horticulture; diseases of plants and animals; inspection of orchards and nurseries; feeding and breeding experiments; poultry experiments; entomology; dairying.
31	23	5	12	834	20,000	Chemistry; bacteriology; soils; field experiments; horticulture; plant breeding; breeding and feeding experiments; dairying; irrigation and drainage; agricultural engineering.
10	8	5	5	231	4,000	Chemistry; mycology; botany; meteorology; soils; range improvement; fertilizers; field experiments; plant selection; food analysis; breeding and feeding experiments; irrigation.
950	434	389	463	17,501	758,842	

TABLE 9.—Revenue and

Station.	Federal appropriations.		State.	Individuals and communities.	Fees.	Farm products.
	Hatch fund.	Adams fund.				
Alabama (College).....	\$15,000.00	\$5,000.00	\$10,488.33	.....	.....	\$696.44
Alabama (Canebrake).....	.....	.....	2,500.00	.....	.....	900.00
Alabama (Tuskegee).....	.....	.....	1,500.00	.....	.....	.....
Arizona.....	15,000.00	5,000.00	<i>a</i> 10,396.16	.....	\$57.00	1,041.56
Arkansas.....	15,000.00	5,000.00	<i>b</i> 34,984.92	.....	.....	1,472.95
California.....	15,000.00	5,000.00	<i>c</i> 27,277.04	\$232.42	6,571.77	1,440.77
Colorado.....	15,000.00	5,000.00	<i>d</i> 14,000.00	.....	.....	.....
Connecticut (State).....	7,500.00	2,500.00	<i>e</i> 15,950.00	7,949.30	<i>a</i> 20,491.92	356.49
Connecticut (Storrs).....	7,500.00	2,500.00	1,800.00	.....	.....	.....
Delaware.....	15,000.00	5,000.00	.....	.....	286.00	.....
Florida.....	15,000.00	5,000.00	.....	.....	.....	853.04
Georgia.....	15,000.00	5,000.00	851.42	.....	.....	2,711.11
Idaho.....	15,000.00	5,000.00	.....	.....	.....	1,460.71
Illinois.....	15,000.00	5,000.00	95,000.00	.....	890.00	708.84
Indiana.....	15,000.00	5,000.00	<i>g</i> 25,000.00	.....	.....	<i>a</i> 17,963.57
Iowa.....	15,000.00	5,000.00	31,509.36	100.00	.....	9,821.82
Kansas.....	15,000.00	5,000.00	<i>h</i> 15,000.00	.....	.....	.....
Kentucky.....	15,000.00	5,000.00	<i>a</i> 13,977.08	.....	24,462.73	<i>a</i> 6,965.88
Louisiana.....	15,000.00	5,000.00	15,000.00	.....	.....	3,385.33
Maine.....	15,000.00	5,000.00	.....	.....	.....	.....
Maryland.....	15,000.00	5,000.00	10,000.00	.....	.....	5,182.63
Massachusetts.....	<i>f</i> 15,000.00	5,000.00	13,500.00	.....	4,745.00	2,836.02
Michigan.....	15,000.00	5,000.00	<i>h</i> 15,530.17	.....	2,860.00	<i>c</i> 2,610.10
Minnesota.....	15,000.00	5,000.00	<i>c</i> 37,189.18	.....	.....	<i>c</i> 11,188.21
Mississippi.....	15,000.00	5,000.00	<i>h</i> 9,000.00	.....	.....	<i>c</i> 2,519.20
Missouri (College).....	15,000.00	5,000.00	4,000.00	.....	6,102.66	5,644.48
Missouri (Fruit).....	.....	.....	20,650.00	.....	.....	.....
Montana.....	15,000.00	5,000.00	5,424.44	.....	.....	4,825.62
Nebraska.....	15,000.00	5,000.00	10,000.00	.....	.....	14,575.67
Nevada.....	15,000.00	5,000.00	.....	.....	.....	940.76
New Hampshire.....	15,000.00	5,000.00	.....	.....	1,635.88	.....
New Jersey (State).....	.....	.....	<i>k</i> 31,300.00	.....	.....	.....
New Jersey (College).....	15,000.00	5,000.00	.....	.....	.....	.....
New Mexico.....	15,000.00	5,000.00	.....	.....	.....	1,971.07
New York (State).....	1,500.00	500.00	<i>l</i> 79,500.90	.....	.....	.....
New York (Cornell).....	13,500.00	4,500.00	<i>m</i> 10,000.00	.....	.....	325.89
North Carolina.....	15,000.00	5,000.00	<i>n</i> 17,784.00	.....	.....	372.35
North Dakota.....	15,000.00	5,000.00	<i>h</i> 1,250.00	.....	.....	361.38
Ohio.....	15,000.00	5,000.00	<i>a</i> 80,010.86	.....	140.75	11,885.51
Oklahoma.....	15,000.00	5,000.00	2,500.00	.....	.....	.....
Oregon.....	15,000.00	5,000.00	.....	.....	<i>a</i> 2,586.42	.....
Pennsylvania.....	15,000.00	5,000.00	1,835.05	.....	13,049.55	3,106.55
Rhode Island.....	15,000.00	5,000.00	.....	.....	.....	.....
South Carolina.....	15,000.00	5,000.00	2,635.53	.....	.....	1,526.05
South Dakota.....	15,000.00	5,000.00	1,000.00	.....	.....	.....
Tennessee.....	15,000.00	5,000.00	.....	.....	1,000.00	5,777.24
Texas.....	15,000.00	5,000.00	.....	.....	77.00	965.00
Utah.....	15,000.00	5,000.00	<i>c</i> 21,376.84	.....	.....	<i>c</i> 2,853.88
Vermont.....	15,000.00	5,000.00	1,503.51	22.65	2,805.00	.....
Virginia.....	15,000.00	5,000.00	.....	.....	757.95	.....
Washington.....	15,000.00	5,000.00	.....	.....	9,066.94	3,672.54
West Virginia.....	15,000.00	5,000.00	.....	.....	2,600.00	.....
Wisconsin.....	15,000.00	5,000.00	18,500.00	.....	.....	.....
Wyoming.....	15,000.00	5,000.00	177.26	.....	.....	2,608.30
Total.....	720,000.00	240,000.00	709,902.05	8,304.37	100,186.57	135,526.96

a Including balance from previous year.*b* For biennium ending June 30, 1907.*c* Including substations.*d* Special appropriation for biennial period ended November 30, 1906.*e* Including balance of \$450 from previous year.*f* Balance from previous year.*g* For fiscal year ended October 31, 1906.*h* For substations.

additions to equipment, 1906.

Miscellaneous.	Total.	Additions to equipment in 1906.						Total.
		Buildings.	Library.	Apparatus.	Farm implements.	Live stock.	Miscellaneous.	
\$1,927.21	\$33,111.98	\$850.00	\$425.00	\$2,089.00	\$438.00	\$200.00	\$110.00	\$4,112.00
.....	3,400.00	4,000.00	500.00	.....	200.00	500.00	1,000.00	6,200.00
.....	1,500.00	.....	.....	.....	200.00	175.00	.....	375.00
268.19	31,762.91	5,194.35	1.16	118.32	587.32	270.00	193.07	6,364.22
.....	56,457.87	15,763.60	87.60	215.00	172.50	366.24	99.98	16,704.92
^a 11,547.04	67,069.04	5,000.00	400.00	1,500.00	1,000.00	300.00	250.00	8,450.00
3,274.28	37,274.28	6,168.68	195.27	551.69	57.45	1,789.63	662.82	9,425.54
87.21	54,834.92	15,000.00	664.92	601.00	.....	.....	.....	16,265.92
581.33	12,381.33	777.86	139.29	616.42	172.21	190.17	1,752.72	3,648.67
32.00	20,318.00	497.51	575.35	195.16	74.29	1.20	33.00	1,376.51
.....	20,853.04	.....	687.16	2,737.83	196.98	2,016.00	550.56	6,188.53
^f 2,566.41	26,128.94	.....	549.88	2,829.75	157.36	.....	.....	3,536.99
^f 458.41	21,919.12	40,000.00	136.60	38.20	329.45	431.71	203.45	41,139.41
^f 1,418.91	118,017.75	4,105.83	78.50	403.78	1,272.48	2,208.00	938.99	9,007.58
.....	62,963.57	1,984.09	150.84	788.80	2,221.96	2,565.33	1,272.10	8,983.12
1,515.76	62,946.94	432.60	.....	1,381.40	592.26	4,147.01	409.80	6,963.07
^a 2,760.35	37,760.35	450.00	215.00	525.00	150.00	3,040.00	475.00	4,855.00
13.62	65,419.31	2,517.69	286.08	121.90	462.02	730.00	755.93	4,873.62
ⁱ 19,494.59	57,879.92	6,577.55	973.60	697.82	618.61	1,537.36	.....	10,404.94
^a 9,516.16	29,516.16	2,105.12	1,735.66	1,381.29	1,052.93	.....	.....	6,275.00
^f 1,208.21	36,390.84	2,333.56	280.98	58.00	365.65	247.00	600.00	3,885.19
4,993.76	46,074.78	.....	163.70	1,438.54	.....	200.00	300.00	2,102.24
^f 1,259.27	42,259.54	1,134.03	603.93	280.14	192.55	3,557.12	.....	5,767.77
.....	68,377.39	22,000.00	1,000.00	200.53	578.84	4,409.70	.....	28,189.07
^c 15,094.57	46,613.77	.....	.....	500.00	350.00	275.00	50.00	1,175.00
^f 492.87	36,240.01	5,000.00	600.00	1,000.00	150.00	2,000.00	500.00	9,250.00
.....	20,650.00	.....	.....	.....	.....	.....	.....	.....
.....	30,250.06	650.00	150.00	990.87	800.00	375.00	500.00	3,465.87
^f 1,818.76	46,394.43	.....	50.00	3,378.00	452.00	183.00	249.00	4,312.00
^a 793.06	21,733.82	613.61	558.52	435.69	346.59	525.00	321.66	2,801.07
.....	21,635.88	246.74	402.58	2,298.70	263.45	396.45	108.35	3,716.27
.....	31,300.00	.....	211.28	771.65	.....	.....	1,224.94	2,207.87
.....	20,000.00	546.37	1,389.45	3,678.18	91.93	690.00	81.50	6,477.43
1,050.00	23,021.07	700.00	.....	102.75	744.00	284.50	25.00	1,856.25
.....	81,500.90	.....	1,092.50	35.58	606.14	332.00	1,224.21	3,290.43
.....	28,325.89	332.08	129.54	126.43	5.45	201.21	.....	794.71
.....	38,156.35	580.04	352.56	845.08	1,108.17	228.00	.....	3,113.85
2,127.39	23,738.77	2,304.40	41.41	2,101.75	347.24	1,486.24	101.80	6,382.84
^a 4,261.60	116,298.72	2,786.43	512.84	3,283.42	815.08	6,601.02	.....	13,998.79
^a 2,425.27	24,925.27	.....	13.95	188.33	221.33	375.00	76.80	875.41
.....	22,586.42	.....	696.69	355.67	446.70	441.90	6,000.00	7,940.96
317.47	38,308.62	.....	402.69	1,091.55	.....	631.40	295.24	2,420.88
^a 3,803.24	23,803.24	790.13	860.15	805.29	323.86	212.70	306.63	3,298.76
^f 1,211.15	25,372.73	7,000.00	105.00	400.22	172.47	3,511.35	56.11	11,245.15
2,658.11	23,658.11	1,898.00	6.06	212.78	270.98	450.00	98.00	2,935.82
1,562.06	28,339.30	951.19	1,044.81	4,372.56	355.17	511.00	.....	7,234.73
2,496.31	23,538.31	407.42	67.77	30.65	118.96	96.28	102.23	823.31
^a 395.00	44,625.72	392.64	1,102.14	2,655.13	1,529.16	1,340.87	694.13	7,714.07
.....	24,331.16	2,999.85	706.99	3,329.91	614.38	234.75	.....	7,885.88
142.60	20,142.60	444.25	372.14	2,754.13	47.13	200.00	151.30	3,968.95
.....	20,757.95	1,000.00	100.00	958.13	25.00	314.05	606.85	3,004.03
.....	32,739.48	1,838.23	646.80	662.16	399.94	299.90	15.00	3,862.03
.....	41,100.00	1,501.65	601.85	1,218.45	532.13	724.42	416.58	4,995.08
.....	22,785.56	.....	12.05	87.35	476.40	175.17	.....	750.97
103,572.17	2,017,492.12	169,875.50	22,080.29	57,439.98	22,706.52	51,977.68	22,812.75	346,892.72

ⁱ Including balance of \$15,612.33 from previous year and a refund of \$550.^j Including balance of \$382.30 from previous year.^k For fiscal year ended October 31, 1906.^l For fiscal year ended October 1, 1906.^m Estimated amount of State appropriation spent for experimental purposes.ⁿ Estimated amount of State appropriation spent for experimental purposes during fiscal year ended December 1, 1906.

TABLE 10.—Expenditures from United States appropriation of March 2, 1887,

Station.	Amount of appropriation.	Classified expenditures.						
		Salaries.	Labor.	Publications.	Postage and stationery.	Freight and express.	Heat, light, and water.	Chemical supplies.
Alabama.....	\$15,000.00	\$7,703.00	\$1,384.19	\$769.94	\$107.00	\$357.46	\$387.31	\$863.50
Arizona.....	15,000.00	6,823.54	4,332.41	.....	408.64	275.14	70.08	637.90
Arkansas.....	15,000.00	7,724.92	2,152.24	1,119.35	249.85	435.87	161.75	481.63
California.....	15,000.00	7,702.66	3,704.61	373.01	595.51	84.96	142.50	182.51
Colorado.....	15,000.00	10,234.50	446.70	1,677.52	379.42	129.41	4.35	.....
Connecticut (State).....	7,500.00	7,500.00	.....	.....	.....	.....	.....	.....
Connecticut (Storrs).....	7,500.00	3,545.81	1,451.74	56.50	183.54	75.72	116.63	402.62
Delaware.....	15,000.00	9,545.78	1,021.03	756.14	134.23	119.43	301.16	265.19
Florida.....	15,000.00	8,853.75	1,345.31	925.70	242.24	209.48	417.65	157.85
Georgia.....	15,000.00	6,815.00	3,235.44	1,673.06	234.28	204.89	170.26	.....
Idaho.....	15,000.00	8,298.30	2,164.87	748.98	173.42	181.00	525.85	202.78
Illinois.....	15,000.00	8,003.19	3,227.16	1,353.63	762.51	271.81	120.00	.....
Indiana.....	15,000.00	8,357.04	2,152.08	1,877.22	554.05	79.90	156.88	148.92
Iowa.....	15,000.00	9,324.94	.....	1,718.83	428.35	451.22	.....	437.08
Kansas.....	15,000.00	7,963.49	4,038.37	458.91	114.67	276.79	.....	130.32
Kentucky.....	15,000.00	11,715.80	.....	866.26	171.01	62.72	480.14	48.83
Louisiana.....	15,000.00	14,105.16	.....	887.34	.....	.....	.....	.....
Maine.....	15,000.00	7,704.80	1,561.47	242.67	337.77	236.64	592.56	135.70
Maryland.....	15,000.00	7,757.36	3,010.37	452.01	329.30	260.01	380.22	261.69
Massachusetts.....	15,000.00	6,539.52	3,003.07	719.01	438.09	168.01	245.42	406.54
Michigan.....	15,000.00	7,150.37	3,944.16	210.65	451.07	139.82	161.47	152.36
Minnesota.....	15,000.00	7,983.37	.....	624.33	217.96	2.00	1,332.20	43.19
Mississippi.....	15,000.00	7,042.93	1,602.63	1,883.36	133.58	316.85	106.05	.....
Missouri.....	15,000.00	5,617.66	2,013.90	521.61	283.31	63.50	26.55	4.85
Montana.....	15,000.00	9,464.72	2,462.05	1,062.31	329.78	473.28	67.76	280.15
Nebraska.....	15,000.00	9,143.06	2,043.95	875.40	562.37	49.45	.....	116.62
Nevada.....	15,000.00	8,536.93	3,160.83	197.60	165.40	90.77	592.57	199.37
New Hampshire.....	15,000.00	8,415.47	2,415.11	1,146.47	72.09	183.19	645.26	22.40
New Jersey.....	15,000.00	10,250.00	797.56	188.70	769.82	72.27	333.70	82.50
New Mexico.....	15,000.00	7,229.75	2,425.04	299.56	437.32	687.88	373.55	206.18
New York (State).....	1,500.00	939.49	.....	205.40	64.54	49.65	.....	12.75
New York (Cornell).....	13,500.00	10,108.12	1,118.24	770.58	214.76	56.14	4.14	102.37
North Carolina.....	15,000.00	9,766.69	1,778.35	553.92	434.90	71.06	91.10	82.25
North Dakota.....	15,000.00	6,597.92	3,861.71	1,817.64	290.31	39.68	376.16	42.46
Ohio.....	15,000.00	14,910.00	.....	.....	.....	.....	.....	.....
Oklahoma.....	13,000.00	6,243.74	3,057.38	1,788.31	264.47	196.37	310.50	115.35
Oregon.....	15,000.00	9,671.65	2,851.74	203.70	60.96	135.05	.....	459.52
Pennsylvania.....	15,000.00	9,576.43	1,137.74	749.79	471.91	.....	179.48	749.84
Rhode Island.....	15,000.00	8,738.82	2,132.92	53.01	206.34	177.06	478.51	40.58
South Carolina.....	15,000.00	10,821.38	1,448.56	630.00	94.54	87.56	83.73	400.22
South Dakota.....	15,000.00	7,445.44	4,046.54	1,097.43	210.49	196.41	2.85	122.83
Tennessee.....	15,000.00	8,580.00	3,785.03	370.95	293.44	91.45	300.85	142.61
Texas.....	15,000.00	6,933.33	2,531.18	1,434.66	283.98	198.93	46.51	312.63
Utah.....	15,000.00	6,206.89	3,062.77	438.63	487.49	73.51	15.00	396.42
Vermont.....	15,000.00	6,071.58	3,558.70	723.62	616.98	142.78	440.86	179.77
Virginia.....	15,000.00	9,314.25	1,429.99	1,375.77	435.53	274.15	92.74	372.52
Washington.....	15,000.00	9,750.28	1,141.95	737.52	29.00	.....	1,155.00	86.11
West Virginia.....	15,000.00	10,811.05	.....	156.78	383.66	205.14	541.76	359.19
Wisconsin.....	15,000.00	8,509.00	1,503.75	39.70	116.80	50.00	192.34	464.60
Wyoming.....	15,000.00	7,703.63	1,528.97	1,187.57	244.02	257.02	700.00	308.89
Total.....	720,000.00	415,752.51	99,071.81	38,016.05	14,470.70	8,261.43	12,914.40	10,621.59

for the agricultural experiment stations for year ended June 30, 1906.

Classified expenditures—Continued.											
Seeds, plants, and sundry supplies.	Fertilizers.	Feeding stuffs.	Library.	Tools, implements, and machinery.	Furniture and fixtures.	Scientific apparatus.	Live stock.	Traveling expenses.	Contingent expenses.	Buildings and repairs.	Balance.
\$1,139.10	\$430.33		\$518.71	\$318.49		\$153.74		\$102.45	\$15.00	\$749.78	
247.92	219.24	\$203.85	1.16	587.32	\$30.92	118.32	\$378.40	441.60	15.68	207.88	
656.16	45.75	132.45	87.60	172.50	99.98	185.00	366.24	566.54	181.00	181.17	
239.41	313.78	219.55	20.19	48.50	76.74	420.60		736.21	117.21	22.05	
226.95			169.27		494.42	236.11	110.00	807.52	83.83		
477.17		230.50	68.50	94.14	88.80	94.70	166.55	223.98	15.00	208.10	
297.74	30.23	88.89	624.40	74.29	179.70	195.16	1.20	616.27	195.68	497.51	\$55.97
359.65	506.15	355.15	394.77	196.98	123.47	132.01	76.00	677.49	16.20	10.15	
619.57	123.90	490.78	18.03	127.36		11.60	248.00	257.83	20.00	750.00	
693.29		421.12	136.60	384.83	70.74	38.20	431.71	432.83	17.25	78.23	
524.20	3.35	28.88	60.00	179.23	5.10	148.76		263.48	44.56	4.14	
651.44			121.12	636.85	64.50			88.88	15.00	96.12	
385.64				28.35		703.83	1,074.16		15.00	432.60	
456.62		13.28	88.27	452.60	56.18	436.52	13.50	87.00	39.97	373.51	
187.45			286.08	139.50	649.08	66.90		215.63	110.60		
									7.50		
340.71	142.85	1,298.85	744.73	284.49	38.42	510.80	44.62	449.01	21.50	312.41	
115.27	213.60	371.30	280.98	225.55	48.55	9.45	247.00	735.64	15.00	286.70	
525.57	569.43	699.10	21.10	246.05	51.52	292.62	195.25	229.66	25.00	625.04	
501.22	13.00	215.39	554.24	10.85	66.56	231.89	853.27	232.52		111.16	
876.09		2,014.30		407.80	439.67	73.86		622.34	7.25	177.34	
391.79	44.57	1,789.41	124.15	579.81	10.84		31.40	200.34	15.00	727.29	
706.22		3,233.55	95.87	130.00		19.80	2,051.99	189.95	15.00	26.24	
			141.99	260.10	85.65	357.21			15.00		
406.06		809.48		233.65	83.10	270.24	103.11	120.11	15.00	168.40	
325.23	24.50	222.55	358.52	146.52	297.16	5.50	75.00	444.10	33.00	124.45	
460.83	224.93		165.08	167.72	108.35	500.77		286.65	32.88	152.80	
210.55	90.00		878.40	7.48	81.50	145.43	40.00	141.50	304.22	546.37	
732.63	111.75	1,112.86		482.35	24.33	102.75	284.50	474.55	15.00		
5.68		39.80	88.44				1.50	8.02			84.73
129.10	10.32		129.54	5.45	201.21	126.43		135.15	56.37	332.08	
301.61	211.73	619.77	39.41	206.94	128.82	17.27	53.00	223.30	15.00	404.88	
252.42		611.91	11.41	342.48	59.40	209.94		176.16	15.00	304.40	
								50.00	40.00		
497.82		625.94	13.95	361.16	76.80	11.00	376.00	296.21	15.00	750.00	
216.68	36.00	395.21	258.40		101.35	165.62	261.90	167.22	15.00		
22.60	153.53	944.76	233.13	98.30		238.66	72.00	184.13	40.00	147.70	
286.71	276.20	538.69	439.75	485.13	131.49	3.55	212.70	211.35	15.00	572.19	
357.03	264.48	48.22	105.80	172.47	11.50		16.00	148.92	56.11	253.48	
399.03		539.57	6.06	145.98	86.06	212.78	323.19	126.10	15.00	24.24	
286.97	178.30	162.07	192.79	19.30		235.72		324.32	15.00	21.20	
422.67	142.16	1,507.56	67.77	118.96	102.23	30.65	96.28	332.08	31.00	407.42	
393.53	127.75	1,063.07	29.92	282.73	177.66	567.05	865.87	481.16	27.50	303.04	
75.33	201.48	955.75	239.44	149.99	230.24	177.70		409.46	76.42	750.00	
845.70	6.85		35.42	47.13	151.30	16.00	200.00	168.40	40.00	194.25	
613.14		395.27		292.50			314.05	475.18	15.00		
206.99	53.00	622.84	410.10	73.00	69.00	253.97		423.19	15.00	414.82	.51
1,179.12	80.00	544.50	425.57	244.25	285.92	621.45	53.00	308.43	15.00	366.57	
355.45		976.63	12.05	476.40	139.23	87.35	175.17	365.58	25.00	457.04	
19,602.06	4,849.16	24,542.80	8,698.71	10,145.48	5,227.50	8,436.81	10,434.90	14,214.40	2,025.73	12,572.75	141.21

TABLE 11.—Expenditures from United States appropriation of March 16, 1906,

Station.	Amount of ap- propria- tion.	Classified expenditures.					
		Salaries.	Labor.	Publica- tions.	Post- age and sta- tion- ery.	Freight and ex- press.	Heat, light, and water.
Alabama.....	\$5,000.00					\$64.90	\$99.43
Arizona.....	5,000.00	\$892.47					993.32
Arkansas.....	5,000.00		\$19.37			64.25	167.29
California.....	5,000.00	2,242.83	974.24		\$44.50	15.61	6.73
Colorado.....	5,000.00		200.00				90.59
Connecticut (State).....	2,500.00	1,704.17	382.03			3.80	58.64
Connecticut (Storrs).....	2,500.00	616.66	186.31		57.30	12.69	484.94
Delaware.....	5,000.00		12.00			1.25	20.54
Florida.....	5,000.00				37.50		534.84
Georgia.....	5,000.00	675.00	625.00				43.31
Idaho.....	5,000.00				29.50	75.00	182.82
Illinois.....	5,000.00	391.67	235.00			63.00	
Indiana.....	5,000.00						
Iowa.....	5,000.00		460.08				80.74
Kansas.....	5,000.00	608.36	611.05				
Kentucky.....	5,000.00	124.95					543.99
Louisiana.....	5,000.00	2,164.14	476.65		48.90	12.35	54.38
Maine.....	5,000.00	1,625.00	320.42			70.53	145.75
Maryland.....	5,000.00					11.20	335.56
Massachusetts.....	5,000.00	1,373.36	277.77			32.20	44.30
Michigan.....	5,000.00		31.50		.10	5.52	48.79
Minnesota.....	5,000.00	3,580.59			7.28		149.79
Mississippi.....	5,000.00				1.05	198.50	
Missouri.....	5,000.00		94.00				98.19
Montana.....	5,000.00	1,037.50	290.97		5.20	51.60	
Nebraska.....	5,000.00	99.95	483.50		4.25	21.44	353.68
Nevada.....	5,000.00					232.77	556.29
New Hampshire.....	5,000.00	929.00	528.48	\$5.80	21.20		20.55
New Jersey.....	5,000.00		33.00				
New Mexico.....	5,000.00	985.00	762.28				60.35
New York (State).....	500.00				.01		503.08
New York (Cornell).....	4,500.00		22.15			32.39	499.99
North Carolina.....	5,000.00	965.32				9.84	391.25
North Dakota.....	5,000.00	479.15	611.85				518.14
Ohio.....	5,000.00	185.00	13.80				289.28
Oklahoma.....	5,000.00						
Oregon.....	5,000.00						
Pennsylvania.....	5,000.00	305.02					
Rhode Island.....	5,000.00	496.30					143.26
South Carolina.....	5,000.00		25.00		43.50	118.75	10.00
South Dakota.....	5,000.00						
Tennessee.....	5,000.00						
Texas.....	5,000.00		29.12		37.50		1,840.93
Utah.....	5,000.00	919.59	209.05				456.15
Vermont.....	5,000.00	570.98	101.90				
Virginia.....	5,000.00					42.42	1,605.88
Washington.....	5,000.00	403.00					55.78
West Virginia.....	5,000.00	1,770.00			53.00		
Wisconsin.....	5,000.00	2,665.00	706.34			51.81	213.07
Wyoming.....	5,000.00					4.75	621.38
Total.....	240,000.00	27,810.01	8,722.86	5.80	390.79	1,196.57	12,262.65

for the agricultural experiment stations for year ended June 30, 1906.

Classified expenditures—Continued.

Seeds, plants, and sundry sup- plies.	Fertil- izers.	Feed- ing stuffs.	Li- brary.	Tools, imple- ments, and ma- chin- ery.	Furni- ture and fix- tures.	Scien- tific appa- ratus.	Live stock.	Travel- ing ex- penses.	Con- tin- gent ex- penses.	Build- ings and repairs.	Bal- ance.
				\$218.98		\$1,627.10				\$9.48	\$2,980.11
				880.11		1,984.10				250.00	
\$619.23		\$137.26	\$19.52	1,174.20		1,646.11	\$917.09			235.68	
			6.60	130.65		49.69		\$1,455.99			73.16
56.75			1,898.54	73.60	\$200.33	2,456.19		24.00			
80.28	\$96.88			75.25		65.50		33.45			
299.19		.65	67.00	127.68		417.11	30.42	78.35		121.70	
					189.49	1,813.03		14.03			2,949.66
19.67			291.39			2,174.71	1,940.00				1.89
159.40		250.00	448.30	626.28	106.51	1,966.20				100.00	
			178.54	1,487.95		1,228.23					1,817.96
	34.00	741.92					3,510.00	24.41			5,000.00
301.94	34.00	667.01		85.00	77.50	622.68	2,671.05				
1.27		602.75	4.35	98.25		56.57	3,005.00	12.40			
						4,331.06					
80.22		394.66	1.10	168.79		387.82	696.00	9.40	\$7.50	206.79	
154.56	38.68	217.14	427.21	775.27		870.49	31.00			250.00	
209.01			116.20	271.75	445.20	1,159.76	1,732.00	233.21		250.00	236.11
98.59	274.28		1.12	94.50		2,662.59		123.29			
142.75			347.12	.60		1,115.22					3,308.40
			184.86	325.00			620.00			88.80	
							4,698.46	101.99			
614.79	119.71	2,401.22		387.00		395.95	889.14				
4.35						784.04		32.15		211.32	2,582.87
30.70			48.93	307.16	70.00	3,513.19		67.20			
			364.14	164.56	368.80	3,044.38			42.00		227.06
574.21	343.96		237.50	308.03		1,388.08	396.45			246.74	
23.65	165.10		511.05	84.45		3,532.75	650.00				
222.26	9.00	16.35	81.33	842.89		950.55	471.66	95.25			
	24.80	143.01		287.82	205.99	2,654.67	606.68			14.09	117.15
34.03	303.57		313.15	1,484.02		964.41	175.00			232.52	
1,530.00				1,879.00			500.00				
260.00			68.95			2,689.79		7.20			1,485.98
											5,000.00
											5,000.00
			1,543.21	613.31		2,533.87					4.59
39.97	3.00		222.21	531.20		835.95		192.31			2,535.80
28.87		154.90		132.50		498.70	2,295.00	2.90		250.00	1,439.88
											5,000.00
1.14			852.02			4,146.84					
37.15				123.61	28.75	741.25				6.15	2,123.09
38.67		99.07	1,477.34	72.08	144.68	1,172.07	8.80	209.08		15.36	178.06
312.88			464.50	147.43		3,152.31				250.00	
			336.72			2,738.13		24.80		250.00	2.05
503.33			19.00	25.00		50.00	24.00				3,919.89
27.07			6.58	48.75		813.06		140.66			2,140.88
392.16	255.75		148.11	42.30	49.18	91.22		385.06			
				352.07		301.80	3,700.00	20.00			
6,898.09	1,702.73	5,825.94	10,704.59	14,447.04	1,886.43	63,627.17	29,567.75	3,287.13	49.50	2,988.63	48,124.59

TABLE 12.—Disbursements from the United States Treasury to the States and Territories for agricultural experiment stations under the acts of Congress approved March 2, 1887, and March 16, 1906.^a

State or Territory.	Hatch Act.		Adams Act.
	1888-1905.	1906.	1906.
Alabama.....	\$269,999.34	\$15,000.00	\$5,000.00
Arizona.....	234,803.15	15,000.00	5,000.00
Arkansas.....	268,163.12	15,000.00	5,000.00
California.....	270,000.00	15,000.00	5,000.00
Colorado.....	269,963.24	15,000.00	5,000.00
Connecticut.....	270,000.00	15,000.00	5,000.00
Dakota (Territory).....	56,250.00		
Delaware.....	269,438.84	15,000.00	5,000.00
Florida.....	269,966.11	15,000.00	5,000.00
Georgia.....	269,983.55	15,000.00	5,000.00
Idaho.....	195,000.00	15,000.00	5,000.00
Illinois.....	270,000.00	15,000.00	5,000.00
Indiana.....	269,901.19	15,000.00	5,000.00
Iowa.....	270,000.00	15,000.00	5,000.00
Kansas.....	270,000.00	15,000.00	5,000.00
Kentucky.....	269,996.57	15,000.00	5,000.00
Louisiana.....	270,000.00	15,000.00	5,000.00
Maine.....	269,999.62	15,000.00	5,000.00
Maryland.....	269,967.40	15,000.00	5,000.00
Massachusetts.....	270,000.00	14,617.70	5,000.00
Michigan.....	270,000.00	15,000.00	5,000.00
Minnesota.....	270,000.00	15,000.00	5,000.00
Mississippi.....	270,000.00	15,000.00	5,000.00
Missouri.....	265,097.24	15,000.00	5,000.00
Montana.....	180,000.00	15,000.00	5,000.00
Nebraska.....	269,932.16	15,000.00	5,000.00
Nevada.....	269,939.32	15,000.00	5,000.00
New Hampshire.....	270,000.00	15,000.00	5,000.00
New Jersey.....	269,961.97	15,000.00	5,000.00
New Mexico.....	234,998.90	15,000.00	5,000.00
New York.....	269,945.27	15,000.00	5,000.00
North Carolina.....	270,000.00	15,000.00	5,000.00
North Dakota.....	227,330.62	15,000.00	5,000.00
Ohio.....	270,000.00	15,000.00	5,000.00
Oklahoma.....	209,270.80	15,000.00	5,000.00
Oregon.....	256,631.82	15,000.00	5,000.00
Pennsylvania.....	269,967.95	15,000.00	5,000.00
Rhode Island.....	270,000.00	15,000.00	5,000.00
South Carolina.....	269,542.15	15,000.00	5,000.00
South Dakota.....	213,250.00	15,000.00	5,000.00
Tennessee.....	270,000.00	15,000.00	5,000.00
Texas.....	270,000.00	15,000.00	5,000.00
Utah.....	235,000.00	15,000.00	5,000.00
Vermont.....	270,000.00	15,000.00	5,000.00
Virginia.....	269,992.57	15,000.00	5,000.00
Washington.....	210,000.00	15,000.00	5,000.00
West Virginia.....	269,969.22	15,000.00	5,000.00
Wisconsin.....	270,000.00	15,000.00	5,000.00
Wyoming.....	255,000.00	15,000.00	5,000.00
Total.....	12,489,262.12	719,617.70	240,000.00

^a The figures in this table were furnished by the Treasury for the use of this Department by the courtesy of the honorable Secretary of the Treasury.

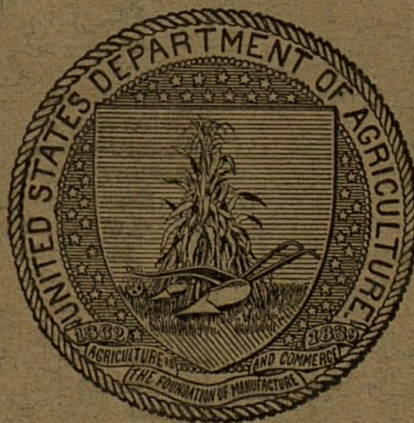
U. S. DEPARTMENT OF AGRICULTURE.

OFFICE OF EXPERIMENT STATIONS—BULLETIN 224.

A. C. TRUE, Director.

ORGANIZATION LISTS OF THE
AGRICULTURAL COLLEGES AND
EXPERIMENT STATIONS
IN THE UNITED STATES.

DECEMBER, 1909.



WASHINGTON:
GOVERNMENT PRINTING OFFICE.

1910.

U. S. DEPARTMENT OF AGRICULTURE.

Scientific Bureaus.

WEATHER BUREAU—Willis L. Moore, *Chief*.
BUREAU OF ANIMAL INDUSTRY—A. D. Melvin, *Chief*.
BUREAU OF PLANT INDUSTRY—B. T. Galloway, *Chief*.
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OFFICE OF PUBLIC ROADS—L. W. Page, *Director*.

OFFICE OF EXPERIMENT STATIONS—A. C. True, *Director*.

THE AGRICULTURAL EXPERIMENT STATIONS.

ALABAMA—

College Station: *Auburn*; J. F. Duggar.^a
Canebrake Station: *Uniontown*; F. D. Stevens.^a
Tuskegee Station: *Tuskegee*; G. W. Carver.^a

ALASKA—*Sitka*: C. C. Georgeson.^b

ARIZONA—*Tucson*: R. H. Forbes.^a

ARKANSAS—*Fayetteville*: C. F. Adams.^a

CALIFORNIA—*Berkeley*: E. J. Wickson.^a

COLORADO—*Fort Collins*: L. G. Carpenter.^a

CONNECTICUT—

State Station: *New Haven*; E. H. Jenkins.^a

Storrs Station: *Storrs*; L. A. Clinton.^a

DELAWARE—*Newark*: H. Hayward.^a

FLORIDA—*Gainesville*: P. H. Rolfs.^a

GEORGIA—*Experiment*: Martin V. Calvin.^a

GUAM—*Island of Guam*: J. B. Thompson.^b

HAWAII—

Federal Station: *Honolulu*; E. V. Wilcox.^b

Sugar Planters' Station: *Honolulu*; C. F. Eckart.^a

IDAHO—*Moscow*: W. L. Carlyle.^a

ILLINOIS—*Urbana*: E. Davenport.^a

INDIANA—*Lafayette*: A. Goss.^a

IOWA—*Ames*: C. F. Curtiss.^a

KANSAS—*Manhattan*: E. H. Webster.^a

KENTUCKY—*Lexington*: M. A. Scovell.^a

LOUISIANA—

State Station: *Baton Rouge*;

Sugar Station: *Audubon Park*,

New Orleans;

North La. Station: *Calhoun*;

Rice Station: *Crowley*;

MAINE—*Orono*: C. D. Woods.^a

MARYLAND—*College Park*: H. J. Patterson.^a

MASSACHUSETTS—*Amherst*: W. P. Brooks.^a

MICHIGAN—*East Lansing*: R. S. Shaw.^a

MINNESOTA—*St. Anthony Park*, *St. Paul*: A. F. Woods.^a

MISSISSIPPI—*Agricultural College*: W. L. Hutchinson.^a

MISSOURI—

College Station: *Columbia*; F. B. Mumford.^a

Fruit Station: *Mountain Grove*; Paul Evans.^a

MONTANA—*Bozeman*: F. B. Linfield.^a

NEBRASKA—*Lincoln*: E. A. Burnett.^a

NEVADA—*Reno*: J. E. Stubbs.^a

NEW HAMPSHIRE—*Durham*: E. D. Sanderson.^a

NEW JERSEY—*New Brunswick*: E. B. Voorhees.^a

NEW MEXICO—*Agricultural College*: Luther Foster.^a

NEW YORK—

State Station: *Geneva*; W. H. Jordan.^a

Cornell Station: *Ithaca*; H. J. Webber.^c

NORTH CAROLINA—

College Station: *West Raleigh*; C. B. Williams.^a

State Station: *Raleigh*; B. W. Kilgore.^a

NORTH DAKOTA—*Agricultural College*: J. H. Worst.^a

OHIO—*Wooster*: C. E. Thorne.^a

OKLAHOMA—*Stillwater*: J. A. Craig.^a

OREGON—*Corvallis*: J. Withycombe.^a

PENNSYLVANIA—

State College: T. F. Hunt.^a

State College: Institute of Animal Nutrition;
H. P. Armsby.^a

PORTO RICO—*Mayaguez*: D. W. May.^b

RHODE ISLAND—*Kingston*: H. J. Wheeler.^a

SOUTH CAROLINA—*Clemson College*: J. N. Harper.^a

SOUTH DAKOTA—*Brookings*: J. W. Wilson.^a

TENNESSEE—*Knoxville*: H. A. Morgan.^a

TEXAS—*College Station*: H. H. Harrington.^a

UTAH—*Logan*: E. D. Ball.^a

VERMONT—*Burlington*: J. L. Hills.^a

VIRGINIA—

Blacksburg: S. W. Fletcher.^a

Norfolk: Truck Station, T. C. Johnson.^a

WASHINGTON—*Pullman*: R. W. Thatcher.^a

WEST VIRGINIA—*Morgantown*: J. H. Stewart.^a

WISCONSIN—*Madison*: H. L. Russell.^a

WYOMING—*Laramie*: J. D. Towar.^a

^a Director.

^b Special agent in charge.

^c Acting director.

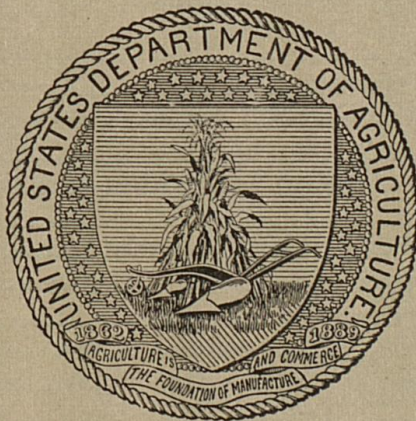
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1910.

LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF EXPERIMENT STATIONS,
Washington, D. C., October 26, 1909.

SIR: I have the honor to transmit herewith a manuscript containing the revised organization lists of agricultural colleges and experiment stations in the United States, which has been compiled under my direction by Miss Mary A. Agnew of this Office.

In these lists the plan started last year has again been followed, namely, to confine the lists to the names of administrative officers and instructors whose work brings them in contact with students in agricultural and home economics courses, omitting those who deal exclusively with mechanic arts or engineering students, but as formerly it has in some cases been found impracticable, owing to the complex organization of the institutions concerned, to make the lists entirely consistent.

I recommend the publication of this manuscript as Bulletin 224 of this Office.

Respectfully,

A. C. TRUE,
Director.

Hon. JAMES WILSON,
Secretary of Agriculture.

CONTENTS.

	Page.
Key to abbreviations.....	3
The Office of Experiment Stations.....	4
Officers of the Association of American Agricultural Colleges and Experiment Stations	5
Officers of the Association of Official Agricultural Chemists of the United States	6
Officers of the American Association of Farmers' Institute Workers.....	6
Officers of the American Association of Economic Entomologists.....	6
Officers of the Society for Horticultural Science.....	6
Agricultural colleges and experiment stations in the United States, with governing boards, courses of study, boards of instruction, and station staffs	7
Index of names.....	78

KEY TO ABBREVIATIONS.

NOTE.—Members of boards of trustees or other governing boards of the college who are charged with the management of experiment station affairs are indicated by an asterisk (*).

<i>Acct.</i> , Accountant, Accounts.	<i>Instr.</i> , Instruction, Instructor.
<i>Actg.</i> , Acting.	<i>Invest.</i> , Investigations.
(<i>Actg.</i>), Acting Professor.	<i>Irrig.</i> , Irrigation, Irrigationist.
(<i>Adjunct</i>), Adjunct Professor.	<i>Lab.</i> , Laboratory.
<i>Agr.</i> , Agriculture, Agriculturist, Agricultural.	<i>Lang.</i> , Language, Languages.
<i>Agron.</i> , Agronomy, Agronomist.	<i>Lat.</i> , Latin.
<i>Agt.</i> , Agent.	<i>Lect.</i> , Lecturer.
<i>Anal.</i> , Analytical, Analysis.	<i>Libr.</i> , Library, Librarian.
<i>Anat.</i> , Anatomy.	<i>Lit.</i> , Literature.
<i>Archi.</i> , Architecture.	<i>Mach.</i> , Machine, Machinery, Machinist.
<i>Arith.</i> , Arithmetic.	<i>Math.</i> , Mathematics.
<i>Assoc.</i> , Associate.	<i>Mech.</i> , Mechanics, Mechanician, Mechanical.
(<i>Assoc.</i>), Associate Professor.	<i>Met.</i> , Meteorology, Meteorologist.
<i>Asst.</i> , Assistant.	<i>Metal.</i> , Metallurgy.
(<i>Asst.</i>), Assistant Professor.	<i>Mfg.</i> , Manufacturing.
<i>Astron.</i> , Astronomy.	<i>Mgr.</i> , Manager.
<i>Bact.</i> , Bacteriology, Bacteriologist.	<i>Mil.</i> , Military.
<i>Bibliog.</i> , Bibliography, Bibliographer.	<i>Min.</i> , Mineralogy, Mineralogist, Mining.
<i>Biol.</i> , Biology, Biologist, Biological.	<i>Mod.</i> , Modern.
<i>Blacksm.</i> , Blacksmithing.	<i>Myc.</i> , Mycology, Mycologist.
<i>Bot.</i> , Botany, Botanist, Botanical.	<i>Nat.</i> , Natural.
<i>Chair.</i> , Chairman.	<i>Oler.</i> , Olericulture, Olericulturist.
<i>Chem.</i> , Chemist, Chemistry, Chemical.	<i>Org.</i> , Organic.
<i>Climat.</i> , Climatology, Climatologist.	<i>Ornith.</i> , Ornithology.
<i>Comdt.</i> , Commandant.	<i>Path.</i> , Pathology, Pathologist.
<i>Coml.</i> , Commercial.	<i>Pdag.</i> , Pedagogy, Pedagogics.
<i>Comr.</i> , Commissioner.	<i>Pharm.</i> , Pharmacy, Pharmacist.
<i>Corresp.</i> , Correspondence, Correspondent.	<i>Philos.</i> , Philosophy.
<i>Dept.</i> , Department.	<i>Photog.</i> , Photography.
<i>Dir.</i> , Director.	<i>Phys.</i> , Physics, Physicist, Physical.
<i>Div.</i> , Division.	<i>Physiol.</i> , Physiology, Physiologist, Physiological.
<i>Dom.</i> , Domestic.	<i>Polit.</i> , Political.
<i>Draw.</i> , Drawing.	<i>Pomol.</i> , Pomology, Pomologist.
<i>Econ.</i> , Economy, Economic, Economics.	<i>Pract.</i> , Practice, Practical.
<i>Ed.</i> , Education.	<i>Prep.</i> , Preparatory.
<i>El.</i> , Elementary.	<i>Pres.</i> , President.
<i>Elect.</i> , Electrical, Electricity.	<i>Prin.</i> , Principal.
<i>Engin.</i> , Engineer, Engineering.	<i>Print.</i> , Printing.
<i>Engl.</i> , English.	<i>Psych.</i> , Psychology.
<i>Ent.</i> , Entomology, Entomologist.	<i>Rhet.</i> , Rhetoric.
<i>Expt.</i> , Experiment, Experimental, Experimentalist, Experimenter.	<i>Sci.</i> , Science, Scientific.
<i>Ext.</i> , Extension.	<i>Sec.</i> , Secretary.
<i>Feed.</i> , Feeding.	<i>Sew.</i> , Sewing.
<i>Fert.</i> , Fertilizer.	<i>Sociol.</i> , Sociology.
<i>Flor.</i> , Floriculture, Florist.	<i>Sta.</i> , Station.
<i>For.</i> , Forestry.	<i>Sten.</i> , Stenography, Stenographer.
<i>Gard.</i> , Gardener, Gardening.	<i>Substa.</i> , Substation.
<i>Gen.</i> , General.	<i>Supt.</i> , Superintendent.
<i>Geog.</i> , Geography.	<i>Tech.</i> , Technology, Technical.
<i>Geol.</i> , Geology, Geologist, Geological.	<i>Treas.</i> , Treasurer.
<i>Gov.</i> , Governor.	<i>Typew.</i> , Typewriting, Typewriter.
<i>Hist.</i> , History, Historical.	<i>Univ.</i> , University.
<i>Hort.</i> , Horticulture, Horticulturist.	<i>V. Dir.</i> , Vice-Director.
<i>Husb.</i> , Husbandry, Husbandman.	<i>Veg.</i> , Vegetable, Vegetation.
<i>Hyg.</i> , Hygiene.	<i>Vet.</i> , Veterinary, Veterinarian.
<i>Indus.</i> , Industrial, Industries, Industry.	<i>Vit.</i> , Viticulture, Viticulturist.
<i>Inorg.</i> , Inorganic.	<i>V. Pres.</i> , Vice-President.
<i>Insp.</i> , Inspector, Inspection.	<i>Wheelwr.</i> , Wheelwrighting.
<i>Insts.</i> , Institutes.	<i>Zool.</i> , Zoology, Zoologist.

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^a Resigned, to take effect January 1, 1910.

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 Wm. A.
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 Stephen
Chem.
 D. H. Ot
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 Mazyck
 Edward
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INDEX OF NAMES.

- Abbott, G. A., 54.
 Abbott, G. T., 56.
 Abbott, J. B., 23.
 Abbott, W. L., 21.
 Accola, J., 75, 76.
 Acheson, R., 57.
 Ackerman, J. H., 57.
 Adams, A. A., 23.
 Adams, C. F., 10, 11.
 Adams, E. J., 40.
 Adams, G., 67.
 Adams, G. E., 61, 62.
 Adams, J. Q., 67.
 Adams, M., 45.
 Ade, G., 23.
 Aery, W. A., 71.
 Agee, A., 59, 60.
 Agee, H. P., 31.
 Ahearn, M. F., 27.
 Ainslie, G. G., 63.
 Aitkin, G., 68.
 Akerman, A., 18.
 Alden, R., 71.
 Alderman, W. H., 49.
 Aldrich, H., 10.
 Aldrich, I. D., 63.
 Aldrich, J. M., 20.
 Alexander, A. S., 75, 76.
 Alexander, C. O., 25.
 Alexander, C. T., 21.
 Alford, F. C., 13, 14.
 Alford, T. G., 23.
 Allen, B. F., 42.
 Allen, C. S., 43.
 Allen, D. M., 10.
 Allen, E. A., 41.
 Allen, E. W., 4.
 Allen, H. E., 70.
 Allen, L., 45.
 Allen, R. M., 29.
 Allen, R. W., 59.
 Allen, W. M., 52.
 Allison, H. O., 22.
 Allison, I. M. K., 13.
 Allison, J. H., jr., 26.
 Allison, T. F. P., 65.
 Alsop, J. W., 14.
 Alton, B. H., 64.
 Alvord, C. H., 66.
 Alway, F. J., 44.
 Ames, C. T., 40.
 Ames, J. W., 56.
 Amison, E. E., 62.
 Ammons, E. M., 13.
 Anderson, A., 63.
 Anderson, A. C., 36, 37.
 Anderson, B. G., 70.
 Anderson, C. B., 43.
 Anderson, H. C., 65.
 Anderson, J. A., 48.
 Anderson, J. N., 17.
 Anderson, J. S., 72.
 Anderson, J. T., 8.
 Anderson, L., 11, 12.
 Anderson, R. E., 57.
 Anderson, W., 32.
 Anderson, W. B., 25.
 Andrews, M. W., 69.
 Andrews, W. H., 27.
 Angell, E. D., 58.
 Angell, R. Z., 58.
 Ansel, M. F., 63.
 Apperson, J. T., 57.
 Applewhite, A. L., 59.
 Arey, J. A., 52.
 Arkell, T. R., 46.
 Armsby, H. P., 6, 59, 61.
 Armstrong, A. E., 45.
 Armstrong, F. A., 25.
 Armstrong, F. L., 31.
 Armstrong, L. E., 60.
 Armstrong, R. A., 73.
 Armwood, W. A., 17.
 Arnett, C. N., 23.
 Arnold, C. L., 55.
 Arnold, F. R., 67.
 Arnot, G., 48.
 Arny, A. C., 38, 39.
 Arthur, J. C., 23.
 Arthur, M. J., 71.
 Arville, D. A., 25.
 Arvold, A. G., 54.
 Ash, S. B., 54.
 Ashby, R. C., 44.
 Ashley, E. L., 35.
 Ashmore, O., 19.
 Atherton, H. H., 60.
 Atkeson, T. C., 73.
 Atkinson, A., 43.
 Atkinson, T. W., 30.
 Attaway, D. E., 17.
 Atwood, H., 74.
 Aumer, J. P., 22.
 Austin, G. C., 9.
 Austin, M., 11.
 Averill, A. W., 33.
 Averitt, S. D., 29.
 Avery, S., 5, 44.
 Ayer, L. F., 71.
 Ayres, B., 6, 64, 65.
 Ayres, H. L., 51.
 Babb, J. G., 41, 42.
 Babcock, E. B., 12.
 Babcock, K. C., 10.
 Babcock, S. M., 75, 76.
 Babcock, W., 36.
 Babson, H., 23.
 Bachelder, N. J., 46.
 Backus, L. S., 41, 42.
 Badger, W. L., 38.
 Baer, A. A., 44.
 Bagley, J. B., 66.
 Bahnsen, P. F., 7.
 Bailey, E. M., 14.
 Bailey, E. W., 22.
 Bailey, L. H., 6, 50, 51.
 Bailey, T. J., 40.
 Bain, S. McC., 65.
 Bainer, H. M., 13, 14.
 Baird, R. O., 57.
 Baker, E. L., 49.
 Baker, G. T., 24.
 Baker, H. C., 60.
 Baker, H. P., 59, 60.
 Baker, J. F., 36.
 Baker, J. H., 43.
 Baker, L. W., 16.
 Baker, W. C., 50.
 Baldwin, C. W., 34.
 Baldwin, H. P., 20.
 Baldwin, L. B., 58.
 Ball, E. D., 67, 68.
 Ball, L. H., 15.
 Ball, O. M., 66.
 Ballard, W. R., 33.
 Ballenger, T. T., 51.
 Ballinger, F., 43.
 Ballou, F. H., 56.
 Banks, D. L. F., 57.
 Banks, E. M., 17.
 Banks, N. A., 67.
 Barbour, E. H., 44.
 Barbour, E. L., 47.
 Barbour, M. E., 27.
 Bard, T. R., 11.
 Bardenwerper, K., 45.
 Bareis, G. M., 55.
 Bark, D. H., 5.
 Barker, H. S., 28.
 Barker, J. F., 25.
 Barker, J. M., 69, 70.
 Barker, P. B., 44, 45.
 Barlow, J., 61.
 Barlow, T. W., 59.
 Barlow, W. E., 70.
 Barnard, F. J., 72, 73.
 Barnes, C. L., 13.
 Barnes, G., 27.
 Barnes, K. W., 52.
 Barnes, R. B., 7.
 Barnes, S. E., 65.
 Barnett, E., 63.
 Barnett, R. J., 27.
 Barnhart, J. M., 22.
 Barr, J. H., 49.
 Barre, H. W., 63.
 Barrell, E. P., 31.
 Barrell, Mrs. E. P., 31.
 Barringer, P. B., 70.
 Barrow, D. C., 18, 19.
 Barrow, D. N., 62.
 Barrows, W. B., 36.
 Barrows, W. M., 55.
 Barrus, M. F., 51.
 Barry, C. A., 72.
 Bartholomew, C. E., 25.
 Bartlett, J. M., 6, 32.
 Barto, D. O., 21.
 Basley, C. C., 48.
 Batchelor, L. D., 50.
 Bate, F. E., 48.
 Bates, E. S., 10.
 Bates, M. C., 64.
 Batt, M., 54.
 Battiste, M. J., 63.
 Baus, R., 31.
 Baxter, O. G., 5.
 Bayard, E. S., 59.
 Bayless, C. H., 9.
 Baysinger, S. L., 41.
 Beach, C. L., 15.
 Beach, E. C., 57.
 Beach, S. A., 6, 25, 26.
 Beach, W. G., 72.
 Beahan, W., 50.
 Beal, F. W., 60.
 Beal, W. H., 5, 6.
 Beal, W. J., 36, 37.
 Beall, L. H., 27.
 Bear, F. E., 55.
 Beard, H. L., 58.
 Beattie, R. K., 72, 73.
 Beatty, C., 33.
 Beaty, E. B., 58.
 Beaver, J. A., 59.

Beck, O. C.
 Beckenstrom
 Becker, A.
 Beckett, C.
 Beckwith,
 Bedford, I.
 Beighle, E.
 Bell, A. J.
 Bell, A. W.
 Bell, H. G.
 Bell, J. C.
 Bell, M. V.
 Bell, N. E.
 Bell, W. I.
 Belling, J.
 Bellis, A.
 Bemis, E.
 Bemis, H.
 Benbrook
 Benedict,
 Benkender
 76.
 Benner, E.
 Bennetch
 Bennett,
 Bennett,
 Bennett,
 Benson, C.
 Benson, I.
 Bentley,
 Benton, J.
 Benton, J.
 Berchtold
 Bergen, T.
 Berger, F.
 Berger, M.
 Bergman
 Bergner,
 Bernheim
 Berry, H.
 Berry, S.
 Besley, E.
 Besley, E.
 Bessey, C.
 Bessey, I.
 Bessey, J.
 Betts, T.
 Bevier, I.
 Bexell, J.
 Biddle, C.
 Bierly, E.
 Bigelow,
 Biggs, J.
 Billeddor
 Billings,
 Binford,
 Bingham
 Bingham
 Bioletti,
 Birdson,
 Bisby, I.
 Bishop,
 Bishop,
 Bissell,
 Bixby,
 Bizzell,
 Bjerrega

- Beck, O. C., 74.
 Beckenstrater, H., 33.
 Becker, A., 27.
 Backett, C. H., 23.
 Beckwith, T. D., 54.
 Bedford, R. C., 8.
 Beighle, E. E., 36.
 Bell, A. J., 31.
 Bell, A. W., 7.
 Bell, H. G., 25.
 Bell, J. C., 13.
 Bell, M. W., 53.
 Bell, N. E., 8.
 Bell, W. B., 54.
 Belling, J., 17.
 Bellis, A. E., 77.
 Bemis, E., 60.
 Bemis, H. E., 25.
 Benbrook, W. G., 40.
 Benadict, P. A., 69.
 Benkendorf, G. H., 75, 76.
 Benner, R. C., 10.
 Bennetch, P. B., 60, 61.
 Bennett, A. A., 24.
 Bennett, B. F., 34.
 Bennett, E. R., 13, 14.
 Bennett, J. W., 18.
 Benson, C. F., 24.
 Benson, F. W., 57.
 Bentley, G. M., 65.
 Benton, J. R., 17.
 Benton, R., 12.
 Berchtold, F., 58.
 Bergen, T. G., 47.
 Berger, E. W., 17.
 Berger, Mrs. E. W., 17.
 Bergman, H. F., 54.
 Bergner, C. H., 59.
 Bernheim, M., 30.
 Berry, H. B., 72.
 Berry, S. A., 71.
 Besley, F. W., 33.
 Besley, H. J., 64.
 Bessey, C. E., 44.
 Bessey, E., 13.
 Bessey, E. A., 30.
 Betts, T., 7.
 Bevier, I., 21.
 Bexell, J. A., 58.
 Biddle, G., 15.
 Bierly, E., 27.
 Bigelow, C. E., 71.
 Biggs, J., 15.
 Billetdoux, E. W., 47.
 Billings, T., 24.
 Binford, E. E., 7.
 Bingham, D., 47.
 Bingham, G. H., 46.
 Bioletti, F. T., 12.
 Birdsong, M. S., 53.
 Bisby, B., 27.
 Bishop, E. F., 20.
 Bishop, M. W., 71.
 Bissell, M. J., 19.
 Bixby, F. L., 5, 48, 49.
 Bizzell, J. A., 50, 51.
 Bjerregaard, A. P., 48, 49.
 Black, H. V., 18.
 Blackburn, W. E., 26.
 Blacklock, W., 73.
 Blackshear, E. L., 67.
 Blain, H. M., 30.
 Blair, A. W., 17.
 Blair, F. G., 21.
 Blair, J. C., 21, 22.
 Blair, M. J., 38.
 Blaisdell, D. L., 21.
 Blaisdell, T. C., 36.
 Blake, Mrs. E. M., 11.
 Blake, J. C., 66.
 Blake, M. A., 48.
 Blakeslee, A. F., 15.
 Blanchard, H. L., 73.
 Blanding, L., 63.
 Bledsoe, P., 67.
 Bledsoe, W., 52.
 Bleile, A. M., 55.
 Blinn, P. K., 14.
 Bliss, A. P., 35.
 Bliss, G. R., 26.
 Bliss, R. K., 25.
 Blohm, A. F., 56.
 Blood, C. H., 49.
 Blount, G. W., 71.
 Blount, T. W., 51.
 Bluford, J. H., 53.
 Boardman, H. P., 45.
 Bogard, F., 62.
 Boice, C. H., 27.
 Boldt, G. C., 50.
 Boles, A. P., 11.
 Bolley, H. L., 53, 54.
 Bolton, F. C. (Miss.), 40.
 Bolton, F. C. (Tex.), 66.
 Bomberger, F. B., 33.
 Bonebright, H. B., 14.
 Bonfoey, B. H., 41.
 Bonnet, E., 48.
 Bonnet, L., 12, 13.
 Bonns, W. W., 33.
 Boot, E., 27.
 Boothe, Mrs. A. M., 8.
 Bopp, J. V., 64.
 Borders, I. D., 40.
 Boring, A. M., 32.
 Boss, A., 37, 38, 39.
 Bostwick, C. D., 50.
 Boswell, R. R., 14.
 Bosworth, A. W., 49.
 Bouquet, A. G. B., 58, 59.
 Boutelle, F. C., 37, 38.
 Bouton, R., 44.
 Bovie, W. T., 41, 42.
 Bowditch, N. I., 34.
 Bowen, A. F., 52.
 Bowen, B. L., 55.
 Bowen, J. V., 39.
 Bowen, R. J., 53.
 Bower, E. B., 60.
 Bowers, J. H., 57.
 Bowker, W. H., 34.
 Bowles, P. S., 41.
 Bownocker, J. A., 55.
 Bowser, E. A., 47.
 Bowser, L. T., 56.
 Boyd, G. R., 5.
 Boyd, T. D., 30, 31.
 Boyle, J. G., 23.
 Brackett, G. B., 6.
 Brackett, R. N., 63.
 Bradford, J. C., 39.
 Bradford, J. N., 55.
 Bradford, Q. Q., 4, 20.
 Bradfute, O. E., 54.
 Bradham, D. J., 63.
 Bradley, C. E., 58.
 Bradley, M. A., 71.
 Bradley, M. E., 63.
 Bradley, W. W., 62.
 Bragg, L. C., 14.
 Bragg, T., 7, 8.
 Bragg, V. W., 40.
 Brainerd, W. K., 70.
 Braman, W. W., 61.
 Bramlett, A., 63.
 Brand, R. E., 22.
 Bray, C. I., 40.
 Breazeale, W. E., 47.
 Breckinridge, G. T., 10.
 Brenton, C. R., 24.
 Bresee, E. M., 76.
 Brett, P. M., 47.
 Brewer, C. L., 36.
 Brewer, H. R., 43.
 Brewer, O. A., 56.
 Brewer, W. F., 43.
 Brewer, W. H., 14.
 Bridgeforth, G. R., 9.
 Bridwell, J. C., 58, 59.
 Brierly, W. G., 73.
 Briggs, F., 24.
 Briggs, M. B., 71.
 Brigham, A. A., 64.
 Brimley, H. H., 52.
 Brindley, J. E., 25.
 Brink, C. M., 26.
 Brinkley, E. H., 33.
 Brinkley, L. L., 52.
 Briscoe, C. F., 22.
 Britton, J. A., 11.
 Britton, W. E., 14.
 Brock, J. E., 27.
 Brockett, Z. M., 14.
 Broderick, D. C., 20.
 Brodie, R. K., 58.
 Brooks, B. M., 28.
 Brooks, C., 46.
 Brooks, F. E. (Colo.), 13.
 Brooks, F. E. (W. Va.), 74.
 Brooks, I. S., 22.
 Brooks, J. F., 19.
 Brooks, N. C., 21.
 Brooks, R. P., 18.
 Brooks, W. E., 53.
 Brooks, W. P., 5, 31, 35.
 Broome, F. H., 65.
 Broughton, L. B., 34.
 Broughton, N. B., 51.
 Broussard, J. F., 30.
 Brown, A. G., 74.
 Brown, A. M. (Mich.), 35.
 Brown, A. M. (Minn.), 37.
 Brown, B. E., 60.
 Brown, B. S., 13.
 Brown, C. F., 5.
 Brown, C. W., 26, 37.
 Brown, E. L., 16.
 Brown, F. (Kans.), 27.
 Brown, F. (Mont.), 43.
 Brown, F. R., 46.
 Brown, G. A., 36.
 Brown, H., 65.
 Brown, J. G., 10.
 Brown, J. L., 18.
 Brown, J. T., jr., 65.
 Brown, J. W., 34.
 Brown, L. A., 29.
 Brown, P. E., 47.
 Brown, R. H., 27.
 Brown, S. B., 73.
 Brown, S. H., 34.
 Brown, W., 46.
 Brown, W. A., 32.
 Brown, W. G., 41.
 Browne, J. J., 72.
 Browne, W. H., jr., 52.
 Bruce, C. A., 55.
 Bruce, W. M., 10, 11.
 Brumley, O. V., 55.
 Bruner, L., 44.
 Brush, J. L., 13.
 Bryan, A. B., 63.
 Bryan, E. A., 72.
 Bryan, G. T., 56.
 Bryan, W. A., 19.
 Bryant, T. R., 29.
 Buchanan, R. E., 24, 26.
 Buchanan, W. S., 8.
 Buck, A. M., 46.
 Buckham, M. H., 6, 68, 69.
 Buckhout, W. A., 59, 60.
 Buckley, S. S., 33.
 Bucksiaff, F. G., 75.
 Budd, J. E., 11.
 Buehner, V., 19.
 Bugby, M. O., 56.
 Bull, A. M., 38.
 Bull, C. P., 37, 38, 39.
 Bull, F., 43.
 Bull, M. L., 38.
 Bullen, J. C., 41.
 Bullock, F., 44.
 Bundy, L., 59.
 Bunting, T. G., 46.
 Burch, N. C., 42.
 Burd, J. S., 12.
 Burdick, H., 62.
 Burger, O. F., 17.
 Burgess, A. F., 6.
 Burgess, J. L., 53.
 Burgess, J. M., 63.
 Burke, E., 43.
 Burke, T. F., 76.
 Burks, C. B., 57.
 Burlingame, R. S., 61.
 Burlison, W. L., 57.
 Burnap, G. E., 50.
 Burnett, E. A., 6, 44.
 Burnett, J. H., 18.
 Burnett, L. C., 26.

- Burney, E., 9.
 Burris, J. C., 66.
 Burr, W. W., 45.
 Burrage, F. S., 76.
 Burrage, L. M., 60.
 Burrage, S., 23.
 Burrell, W. P., 71.
 Burrill, T. J., 21, 22.
 Burrows, G. H., 69.
 Burrows, T. K., 4.
 Burruss, T. R., jr., 63.
 Burt, F. A., 36.
 Burton, P. E., 41.
 Burton, R. W., 7.
 Busey, M. E., 21.
 Bush, C. R., 26.
 Bush, E. E., 38.
 Bush, L. P., 15.
 Bushnell, C. J., 57.
 Bushnell, L. D., 27, 28.
 Butler, H. P., 63.
 Butler, P., 37.
 Butterfield, K. L., 6, 34.
 Butterfield, M., 27.
 Buxton, A. T., 57.

 Cady, LeR., 38, 39.
 Caffey, L. W., 67.
 Caine, J. T., jr., 67, 68.
 Caine, J. T., III, 67, 68.
 Caldwell, A. B., 64.
 Caldwell, R. E., 56.
 Calhoun, F. H. H., 62.
 Call, L. E., 27, 28.
 Callahan, I. B., 58.
 Calvert, S., 41.
 Calvin, H. W., 23.
 Calvin, J. W., 61.
 Calvin, M. V., 18.
 Cameron, E. D., 57.
 Cammack, A., 14.
 Campbell, C. B., 66.
 Campbell, C. R., 74.
 Campbell, J. P., 18.
 Campbell, J. R., 25.
 Campbell, M., 25.
 Campbell, P. A., 32.
 Campbell, T. M., 9.
 Campbell, T. P., 70.
 Campbell, W. A., 65.
 Campbell, W. W., 8.
 Cance, A. E., 35.
 Cannon, A., 52.
 Cannon, H. P., 16.
 Cantwell, M. A., 43.
 Canty, J. M., 74.
 Capen, C. A., 14.
 Capper, A., 26.
 Carbury, V. J., 48.
 Cardon, P. V., 68.
 Cardozo, F. H., 17.
 Cardullo, F. E., 46.
 Carlisle, J. N., 50.
 Carlyle, A., 73.
 Carlyle, E. C., 66.
 Carlyle, W. L., 21.
 Carman, A. P., 21.
 Carmichael, B. E., 56.

 Carnegie, A., 49, 59.
 Carney, C. M., 42.
 Carney, W. B., 70.
 Carpenter, L. G., 6, 13, 14.
 Carpenter, T., 28.
 Carpenter, W. L., 35.
 Carr, R. J., 41, 42.
 Carrel, W. J., 29.
 Carrere, E. A., 31.
 Carrier, L., 70.
 Carrington, J. C., 69, 70.
 Carroll, B. F., 24.
 Carroll, C. G., 10.
 Carroll, D. H., 34.
 Carroll, N. M., 34.
 Carson, J. M., jr., 66.
 Carson, J. W., 66.
 Carter, H. C., 52.
 Carter, J. C., 71.
 Carter, R. D., 11.
 Carver, G. W., 9.
 Cary, C. A., 7, 8.
 Cary, C. P., 74.
 Cary, W. L., 33.
 Cassidy, M. A., 29.
 Cathcart, C. S., 48.
 Catlin, A., 71.
 Catlin, C. A., 68.
 Caton, O., 57.
 Caulfield, M. C., 31.
 Cauthen, E. T., 8.
 Cavanaugh, G. W., 50, 51.
 Center, O. D., 22.
 Certain, C. C., 7.
 Cessna, E., 25.
 Cessna, O. H., 24.
 Chadsey, A. N., 25.
 Chaffee, G. T., 68.
 Chalfant, F. A., 72.
 Chamberlain, F. W., 20.
 Chamberlain, M. L., 62.
 Chamberlain, J. S., 35.
 Chamberlain, W. F., 42.
 Chamberlain, W. I., 56.
 Chambers, S. D., 32.
 Chambliss, H., 56.
 Champlin, M., 64.
 Chandlee, G. C., 60.
 Chandler, H. A. E., 10.
 Chandler, W. H., 41, 42.
 Chapman, G. H., 35.
 Chappelle, L. L., 66.
 Charles, F. L., 22.
 Charlton, E. G., 26.
 Chase, L. E., 27.
 Chase, L. W., 44.
 Chastain, O. F., 66.
 Chatburn, G. R., 44.
 Chatfield, L., 14.
 Chavis, J. D., 53.
 Chenet, H. S., 30.
 Chestnut, M. V., 67.
 Cheyney, E. G., 37, 38, 39.
 Childers, L. F., 20, 21.
 Chilton, H. S., 40.
 Chipman, M. E., 19.
 Chisholm, H., 54.
 Chisholm, J., 55.

 Chittenden, F. H., 70.
 Chrisman, E. R., 64.
 Chrisman, W. G., 52.
 Christensen, F. W., 61.
 Christie, G. I., 5, 23.
 Chrysler, M. A., 32.
 Church, J. E., 45.
 Churchill, G. W., 49.
 Churchill, J. B., 60.
 Churchill, O. O., 54.
 Churchill, V. L., 14.
 Clair, M. W., 34.
 Clapp, S. C., 53.
 Clark, A. J., 36.
 Clark, A. W., 49.
 Clark, C. F., 50, 51.
 Clark, G., 76.
 Clark, J. E., 48.
 Clark, J. M., 71.
 Clark, J. W., 60.
 Clark, O. L., 51.
 Clark, R. A., 9.
 Clark, R. W., 43.
 Clark, S. C., 5.
 Clark, S. E., 68.
 Clark, T. A., 21.
 Clark, T. W., 45.
 Clark, V. E., 25.
 Clark, W. B., 30.
 Clark, W. D., 60, 61.
 Clark, W. E., 66.
 Clarke, E. G., 20.
 Clarke, W. H., 29.
 Clarke, W. T., 6, 12.
 Clay, C. M., 28.
 Clay, W. T., 52.
 Claybrook, J. I., 29.
 Clearwater, A. T., 47.
 Cleghorn, A. W., 12.
 Clements, S. A., 71.
 Clevenger, W. L., 55.
 Cline, D. D., 30.
 Cline, P. J., 19.
 Clinton, G. H., 30.
 Clinton, G. P., 14.
 Clinton, L. A., 15.
 Clopath, H., 38.
 Close, C. P., 6, 33.
 Clothier, G. L., 39, 40.
 Clothier, R. W., 10.
 Coad, K. M., 36.
 Coates, C. E., 30.
 Cobb, A. C., 56.
 Cobb, C. C., 36.
 Cobb, F. C., 74.
 Cobb, G. R., 62.
 Cobleigh, W. J., 43.
 Coburn, H. D., 77.
 Coburn, J. L., 67, 68.
 Cochel, W. A., 60.
 Cochrane, D. C., 61.
 Codd, A. A., 45.
 Coe, E. B., 47.
 Coen, B. F., 13.
 Coen, J. M., 39.
 Coffeen, H. A., 76.
 Coffey, A. B., 30.
 Coffey, W. C., 21, 22.

 Coffin, M. L., 38.
 Coghill, J. R., 16.
 Coglén, M. F., 40.
 Coit, J. E., 12.
 Colburn, F. E., 26.
 Colby, G. E., 12.
 Cole, C. A., 58, 59.
 Cole, G. A., 11.
 Cole, J. T., 31.
 Cole, V. E., 14.
 Coleman, C. B., 62.
 Coleman, L. L., 29.
 Collett, R. W., 53.
 Collett, S. W., 72.
 Collier, F. J., 47.
 Collins, G. V., 38.
 Collins, S. F., 30.
 Collins, V. S., 34.
 Collison, R. C., 56.
 Collison, S. E., 17.
 Colpitts, J., 25.
 Colson, E. F., 9.
 Colver, C. W., 21.
 Colvin, C., 32.
 Comer, B. B., 7, 8.
 Comstock, A. B., 51.
 Comstock, J. H., 50, 51.
 Comstock, L., 32.
 Condra, G. E., 44.
 Cone, V. M., 5.
 Congdon, L. A., 48.
 Conley, E. T., 33.
 Conn, H. J., 51.
 Conn, H. W., 14.
 Connaway, J. W., 41, 42.
 Connell, J. H., 56.
 Conner, J. J., 18.
 Conner, S. D., 23.
 Connors, J. P., 56.
 Connor, A. B., 66.
 Conover, J. A., 53.
 Conrad, L. E., 27.
 Conradi, A. F., 63.
 Conser, H. N., 32.
 Converse, G. L., 55.
 Converse, J. E., 65.
 Converse, J. H., 68.
 Conwell, C. S., 15.
 Cook, C. H., 48.
 Cook, E., 38.
 Cook, G. B., 10.
 Cook, L. B., 51.
 Cook, M. T., 16.
 Cook, P., 47.
 Cook, R. B., 68.
 Cook, S. B., 42.
 Cook, W. M., 50.
 Cooke, A. D., 76.
 Cooke, J. W., 31.
 Cooley, F. S., 43.
 Cooley, R. A., 43.
 Coons, G. H., 44, 45.
 Coope, J., 71.
 Cooper, A. J., 42.
 Cooper, B., 68.
 Cooper, B. H., 71.
 Cooper, D. W., 47.
 Cooper, H. E., 19.

Cooper, I.
 Cooper, J.
 Cooper, I.
 Cooper, F.
 Cooper, T.
 Cooper, V.
 Coover, V.
 Corbett, I.
 Corbett, J.
 Corbit, D.
 Corbusier
 Cordery,
 Cordley,
 Corley, J.
 Cornell, C.
 Cornwell
 Corotis, M.
 Corput, I.
 Corson, C.
 Cortelyou
 Corwin, J.
 Costenob
 Cotton, F.
 Cotton, V.
 Cottrell,
 Cottrell,
 Coulter, S.
 Councilm
 Coupland
 Courtright
 Covell, G.
 Cowan, T.
 Cowgill,
 Cowles, I.
 Cowper,
 Cox, G.,
 Cox, N. I.
 Cox, W.
 Crabb, G.
 Crabbe, J.
 Crabtree,
 Craig, C.
 Craig, J.,
 Craig, J.
 Craig, L.
 Craig, R.
 Craig, W.
 Crain, R.
 Crandall.
 Crane, C.
 Crane, G.
 Crane, O.
 Crane, P.
 Cranford
 Crawford
 Crawford
 Crawford
 Crawford
 Crawford
 Creasy, V.
 Creely, T.
 Creese, M.
 Crenshaw
 Crews, M.
 Crisp, H.

- Cooper, I. W., 40.
 Cooper, J. W., 71.
 Cooper, L. L., 30.
 Cooper, R. M., 19.
 Cooper, T. P., 38, 39.
 Cooper, W. B., 51.
 Coover, W. F., 25.
 Corbett, L. C., 70.
 Corbett, V. H., 13.
 Corbit, D. W., 15.
 Corbusier, P. W., 29.
 Cordery, G. T., 34.
 Cordley, A. B., 58.
 Corley, J. W., 56.
 Cornell, C. E., 49.
 Cornwell, S. L., 16.
 Corotis, M. E., 55.
 Corput, F., 18.
 Corson, O. T., 54.
 Cortelyou, J. V., 27.
 Corwin, R. W., 13.
 Costenoble, H. L. V., 4, 19.
 Cotton, E. C., 65.
 Cotton, W. W., 57.
 Cottrell, E. A., 60.
 Cottrell, H. M., 13.
 Coulter, S., 23.
 Councilman, C. A., 33.
 Coupland, G., 43.
 Courtright, J., 56.
 Covell, G. A., 58.
 Cowan, T. N., 9.
 Cowgill, Mrs. T. W., 45.
 Cowles, I. F., 27.
 Cowper, R. J., 77.
 Cox, G., 43.
 Cox, N. H., 17.
 Cox, W. H., 28.
 Crabb, G. A., 50, 51.
 Crabbe, J. G., 28, 29.
 Crabtree, P. E., 27.
 Craig, C. E., 23.
 Craig, J., 6, 50, 51.
 Craig, J. A., 57.
 Craig, L., 51.
 Craig, R. A., 23.
 Craig, W., 32.
 Crain, R., 33.
 Crandall, C. S., 21, 22.
 Crane, C. B., 48.
 Crane, G. L., 74.
 Crane, O., 23.
 Crane, P. H., 24.
 Cranford, C. C., 53.
 Crawford, C., 57.
 Crawford, H. C., 17.
 Crawford, J. F., 76.
 Crawford, J. H., 67.
 Crawford, L. A., 77.
 Crawford, T. H., 58.
 Creasy, W. T., 59.
 Creely, T. L., 34.
 Creese, M., 33.
 Crenshaw, B. H., 7.
 Crews, M., 17.
 Crisp, H. L., 33.
 Critchfield, N. B., 59.
 Crittenden, R. F., 18.
 Critz, H., 40.
 Crocker, W. H., 11.
 Crockett, W. D., 60.
 Cromer, C. O., 23.
 Cromwell, A. M., 9.
 Crookston, J., 68.
 Cropper, L. M., 18.
 Crosby, C. R., 50, 51.
 Crosby, D. J., 4, 5.
 Cross, L. J., 50.
 Crossley, B. W., 25.
 Crothers, A. L., 33.
 Crow, C. L., 17.
 Crow, S. E., 36.
 Crowe, C. P., 55.
 Crumb, A. E., 36.
 Crumley, J. J., 56.
 Crutcher, W. H., 17.
 Cullom, L. N., 36.
 Cummings, M. B., 69.
 Cunningham, C. C., 28.
 Cunningham, H. E., 69.
 Cunningham, J. C., 27, 28.
 Cunningham, O. C., 55.
 Curl, M. J., 60.
 Currier, A. H., 43.
 Currier, G. W., 46.
 Curry, G., 48.
 Curtis, A. W., 74.
 Curtis, F. W., 15.
 Curtis, H. E., 29.
 Curtis, M. R., 32.
 Curtis, R. S., 52.
 Curtis, W. C., 41.
 Curtiss, C. F., 5, 6, 24, 26.
 Cusick, J. T., 49.
 Cutler, C., 24.
 Dachnowski, A. P., 55.
 Dacy, A. L., 74.
 Daggett, W. P., 32.
 Dahl, A. H., 74.
 Dales, J. S., 43, 45.
 Dalrymple, W. H., 30, 31.
 Damon, C. M., 35.
 Damon, S. C., 34, 35, 62.
 Damon, S. M., 20.
 Dandeno, J. B., 36, 37.
 Daniel, D. W., 62.
 Daniel, J., 62.
 Daniel, W. E., 51.
 Daniels, C. W., 48.
 Daniels, J. F., 13.
 Daniels, L. C., 29.
 Darden, W. A., 53.
 Darlington, F. W., 71.
 Darnall, F. M., 40.
 Darnall, H. J., 65.
 Dart, A. C., 77.
 Dashiell, W. R., 70.
 Davenport, C. C., 30.
 Davenport, E., 6, 21, 22.
 Davey, W. P., 60.
 David, E. J., 46.
 Davidson, J. B., 25, 26.
 Davidson, R. J., 70.
 Davies, G. F., 20.
 Davies, H., 28.
 Davies, L. R., 76.
 Davies, P. M., 23.
 Davis, A. M., 68.
 Davis, B. F., 35.
 Davis, C. C., 63.
 Davis, E. A., 17.
 Davis, E. B., 47.
 Davis, E. H., 23.
 Davis, E. P., 60.
 Davis, G. J., 71.
 Davis, H. S., 17.
 Davis, J. E., 71.
 Davis, J. M., 29.
 Davis, K., 9.
 Davis, K. C., 47.
 Davis, M. E., 9.
 Davis, M. L., 10.
 Davis, L. M., 13.
 Davis, T., 15.
 Davis, T. W., 40.
 Davis, V. H., 55.
 Davis, W. C., 7.
 Davis, W. E., 27, 28.
 Davis, Z. D., 39.
 Davison, C., 21.
 Davisson, A. E., 44.
 Daughters, M. R., 58.
 Dawson, C. F., 16.
 Day, E. D., 41.
 Day, H., 57.
 Dean, G. A., 27, 28.
 Dean, J. S., 66.
 Dearborn, C. S., 43.
 Dearing, C. T., 41, 42.
 De Armond, R. W., 4, 9.
 Debnam, W. F., 53.
 De Camp, G. E., 48.
 Decker, C. D., 37.
 Deemer, R. B., 33.
 Deerr, N., 20.
 De Haven, G., 58, 59.
 Deiler, A. C., 66.
 De Lay, F. A., 13.
 Dellinger, J. E., 53.
 De Loach, R. J. H., 18.
 Delwiche, E. J., 76.
 Delwiche, O. J., 75, 76.
 Demaree, F. H., 41, 42.
 Demarest, W. H. S., 47, 48.
 Demolins, J., 69.
 Deneen, C. S., 21.
 Denise, D. D., 48.
 Denney, J. V., 55.
 Denniss, F. H., 65.
 Denniston, R. H., 75.
 Denny, G., 44.
 Denny, G. G., 44.
 Denson, N. D., 7.
 Dent, A. T., 39.
 Deputy, G. W., 16.
 Derby, S. H., 15.
 De Regt, A. C., 47.
 Dern, J., 67.
 Detjen, L. R., 52.
 Detmers, F., 55.
 Dewey, D. R., 34.
 De Yarmett, H. J., 71.
 De Zeeuw, R., 36.
 Dice, J. R., 32.
 Dickens, A., 26, 28.
 Dickenson, A. D., 73.
 Dickerson, I. W., 21.
 Dickey, F. W., 25.
 Dickinson, C. C., 50.
 Dickinson, L. P., 61.
 Dickinson, M. F., 34.
 Dickson, W. A., 39.
 Didlake, M. L., 29.
 Diehl, D., 56.
 Dietrich, W., 21, 22.
 Diffay, H. K., 8.
 Dillehunt, H. B., 34.
 Dillingham, F. T., 19.
 Dillingham, W. P., 68.
 Dimock, W. W., 25.
 Dingus, J. A., 57.
 Dinsmore, S. C., 45.
 Dinsmore, W., 25.
 Dinwiddie, R. R., 10, 11.
 Ditto, T. W., 56.
 Dixon, V., 25.
 Dodge, D. K., 21.
 Dodge, F. H., 47.
 Dodson, W. R., 30, 31.
 Doggett, C. S., 62.
 Doherty, A. J., 35.
 Dohrmann, F. W., 11.
 Dole, C. F., 8.
 Dolve, R. M., 54.
 Donaghey, G. W., 10.
 Donaghho, J. S., 19.
 Donahue, M. J., 7.
 Doneghue, R. C., 54.
 Donaldson, B., 27.
 Donaldson, M. L., 62.
 Donaldson, O., 9.
 Donovan, E., 15.
 Dorer, G., 48.
 Dorman, J. E., 18.
 Dorner, H. B., 21, 22.
 Dorsey, E. A., 74.
 Dorsey, M. J., 49.
 Doryland, C., 27, 28.
 Doten, S. B., 45.
 Doty, S. W., 60, 61.
 Douglass, A. E., 10.
 Douglass, E., 14.
 Dow, B. K., 15.
 Dow, U. M., 27.
 Downing, C., 23.
 Downing, G. M., 59.
 Downing, H. H., 29.
 Dox, A. W., 15.
 Drake, J. H., 7.
 Drane, F. P., 53.
 Draper, E. S., 34.
 Drew, B. L., 71.

- Drew, E. C., 32.
 Drew, G. A., 32.
 Drew, J. M., 38.
 Drew, W., 46.
 Drewry, N. B., 18.
 Drinkard, A. W., 70.
 Drinkard, A. W., jr., 70.
 Drisdale, C. B., 67.
 Drummond, R. R., 32.
 Dryden, J., 58, 59.
 Du Bose, M. D., 18.
 Ducote, C. J., 30.
 Duconge, E., 31.
 Duddy, E. A., 43.
 Dudley, J. B., 53.
 Duggar, B. M., 50, 51.
 Duggar, J. F., 6, 7, 8.
 Dukes, A. L., 63.
 Dulaney, H. S., 34.
 Duncan, C. R., 35.
 Duncan, C. S., 55.
 Duncan, L. N., 7.
 Dunn, C. J., 32.
 Dunn, W., 52.
 Dupee, M. B., 36.
 Durgin, A. G., 32.
 Durst, C. E., 22.
 Duryee, J. R., 47.
 Dusenbury, E. G., 49.
 Dutcher, R. A., 64.
 Dutton, J. E., 15.
 Dwight, T. W., 63.
 Dwyre, C. G., jr., 13.
 Dye, F., 6.
 Dye, W. S., jr., 60.
 Dykstra, R. R., 24.
 Dynes, O. W., 54.
 Dynes-Feuling, A., 25.
 Earhart, R. F., 55.
 Earl, G. C., 11.
 Easley, C. W., 32.
 Eason, F. G., 5.
 Eastman, A. R., 50.
 Eastman, R. E., 27, 28.
 Eaton, H. A., 73.
 Eaton, J., 69.
 Eberhart, A. O., 37.
 Eckart, C. F., 20.
 Eckhardt, W. G., 22.
 Eckles, C. H., 41, 42.
 Edelen, L. T., 28.
 Edgar, A., 27, 28.
 Edgar, C. L., 47.
 Edgerly, G. W., 46.
 Edgerton, C. W., 31.
 Edmiston, H. D., 60, 61.
 Edmond, H. D., 15.
 Edmunds, J. L., 38.
 Edson, H. A., 69.
 Edwards, A. A., 13.
 Edwards, A. L., 58, 59.
 Edwards, G. R., 39, 40.
 Edwards, H., 6, 61.
 Edwards, J. H., 50.
 Egelhoff, C. R., 29.
 Egge, A. E., 72.
 Eggers, H. D., jr., 16.
 Eggleston, J. D., 69.
 Eisenlohr, B. A., 55.
 Eisland, J. A., 73.
 Ekblaw, K. J. T., 21.
 Eldred, M. D., 62.
 Eldredge, E. E., 75, 76.
 Eldridge, J. G., 20.
 Ellett, W. B., 70.
 Ellington, J. T., 51.
 Elliott, C. G., 5.
 Elliott, E. E., 20, 21.
 Elliott, H. R., 5.
 Elliott, J. C., 56.
 Elliott, T. L., 34.
 Elliott, W. J., 43.
 Ellis, G. H., 34.
 Ellis, W. H., 17.
 Ellsworth, E. A., 23, 24.
 Ellsworth, J. L., 34.
 Elser, W. L., 56.
 Emberson, R. H., 41.
 Embry, J. F., 74.
 Embry, G. C., 66.
 Emerson, C. E., 71.
 Emerson, R. A., 44.
 Emerson, S. F., 69.
 Emery, E. S., 42.
 Emmett, A. D., 22.
 Emmons, L. C., 36.
 Emory, F. L., 74.
 Ende, C. von, 20.
 Enders, H. E., 23.
 England, J. E., 71.
 English, J. N., 18.
 English, J. P., 42.
 Enloe, W. A., 53.
 Eppe, W. F., 24.
 Erb, E. S., 60, 61.
 Erf, O., 55.
 Erickson, M. B., 54.
 Ericson, A., 38.
 Ericson, E. C., 63.
 Erwin, A. T., 25.
 Espenshade, A. H., 60.
 Essary, S. H., 65.
 Essex, H., 29.
 Esten, W. M., 15.
 Estes, C., 61.
 Etheverry, B. A., 12.
 Etheridge, W. C., 52.
 Eubank, M., 74.
 Eustace, H. J., 6, 36, 37.
 Evans, A. L. (Ala.), 9.
 Evans, A. L. (Tex.), 67.
 Evans, C. B., 15.
 Evans, C. G., 56.
 Evans, C. H., 34.
 Evans, E., 74.
 Evans, H. P., 28.
 Evans, I. B., 68.
 Evans, L. B., 21.
 Evans, M. E., 50.
 Evans, P., 42.
 Evans, P. N., 23.
 Evans, W. D., 62.
 Evans, W. H., 4.
 Evans, W. L., 55.
 Evans, W. W., 57.
 Evvard, J. M., 41, 42.
 Ewell, A. D., 67.
 Ewell, Mrs. R. L., 67.
 Ewing, A. L., 38.
 Ewing, A. M., 58.
 Ewing, A. R., 57.
 Ewing, F. C., 59.
 Ewing, H. E., 25.
 Eyer, B. F., 26.
 Eyerly, E. K., 35.
 Ezell, B. B., 17.
 Fain, J. R., 18.
 Fairfield, M. P., 25.
 Falkner, E. L., 9.
 Farley, A. J., 48.
 Farquhar, E. F., 29.
 Farr, J. M., 17.
 Farrand, B., 36.
 Farrar, R., 12, 13.
 Farrell, F. D., 68.
 Farrington, E. H., 75, 76.
 Fassett, G. S., 68.
 Faville, A. D., 77.
 Faulkner, E. L., 9.
 Faulkner, J. O., 52.
 Fawcett, G. L., 4, 61.
 Fawcett, H. S., 17.
 Fay, L. E., 74.
 Feagin, W. F., 7.
 Fechét, E. G., 21.
 Fehr, C. D., 59.
 Fellows, G. E., 32.
 Ferguson, J. A., 60, 61.
 Ferguson, J. T., 18.
 Ferguson, O. P., 9.
 Fermier, E. J., 66.
 Fernald, C. H., 34, 35.
 Fernald, H. T., 6, 35.
 Ferris, E. B., 40.
 Ferry, E. S., 23.
 Fetzer, L. W., 4.
 Feuling, A. D., 25.
 Fifield, B. F., 68.
 Filley, W. O., 14.
 Finlayson, W. D., 16, 17.
 Finley, J. B., 73, 74.
 Fippin, E. O., 50, 51.
 Fish, A. E., 36.
 Fishburn, H. P., 21.
 Fisher, M. L., 23.
 Fisher, O. S., 22.
 Fisher, W. F., 24.
 Fisk, M. E., 71.
 Fisk, N. W., 68.
 Fitch, C. L., 14.
 Fitterer, J. C., 77.
 Fitts, E. B., 15.
 Fitts, J. N., 15.
 Fleming, A., 25.
 Fleming, A. M., 67.
 Fleming, B., 50.
 Fleming, F. P., 16, 17.
 Fleming, W. L., 30.
 Fletcher, C., 68.
 Fletcher, M., 71.
 Fletcher, S. W., 70.
 Flewellen, A. E., jr., 67.
 Flint, A. K., 55.
 Flint, E. R., 17.
 Flint, P. N., 18.
 Florance, W. E., 47.
 Floyd, B. F., 17.
 Floyd, J. W., 63.
 Floyd, W. L., 17.
 Fogel, E. D., 25.
 Folger, H., 44.
 Follette, R., 66.
 Folsom, J. W., 21.
 Foord, J. A., 34.
 Forbes, E. B., 56.
 Forbes, R. H., 10.
 Forbes, S. A., 22.
 Ford, F., 49.
 Fordham, L. B., 63.
 Forgeus, M., 25.
 Forristall, E. H., 35.
 Forsee, R. B., 64.
 Fort, J. F., 46, 48.
 Fortier, S., 5.
 Foster, A. W., 11.
 Foster, C. L., 67.
 Foster, I. L., 59.
 Foster, L., 5, 48, 49.
 Foster, T. D., 24.
 Foster, W. D., 73.
 Fountain, C. P., 66.
 Foust, J. I., 53.
 Fowler, C. C., 25.
 Fowler, E. C., 54.
 Fowler, J. M., 23.
 Fowler, W. L., 10.
 Fox, E. W., 75.
 Fox, J. W., 40.
 Fox, W. W., 40.
 Francis, C. K., 41, 42.
 Francis, D. R., 41.
 Francis, M., 66.
 Frandsen, P., 45.
 Frandson, J. H., 20, 21.
 Franklin, H. J., 35.
 Frantz, S. O., 59.
 Fraps, G. S., 66.
 Fraser, W. J., 21, 22.
 Fravel, I. F., 56.
 Frazier, J. S., 7.
 Frazier, W. H., 38, 39.
 Frazier, W. W., 71.
 Frear, D. W., 14.
 Frear, W., 59, 60.
 Fred, E. B., 70.
 Frederick, H. J., 67, 68.
 Freeman, B., 63.
 Freeman, E. M., 37, 38, 39.
 Freeman, G. F., 10.
 Freeman, H. H., 31.
 Freeman, M. L., 40.
 Freeman, M. P., 9.
 Frelinghuysen, F., 47.
 French, G. T., 49.
 French, H. T., 6.
 French, P., 20.
 French, T. E., 55.
 French, W. H. (Mich.), 36.
 French, W. H. (N. Y.), 50.
 French, W. L., 44.

Frevert, C.
 Freyhofer
 Frier, G.
 Fries, J.
 Frink, M.
 Frissell, I.
 Frizzell, J.
 Fromme,
 Fuchs, C.
 Fullan, M.
 Fullaway
 Fuller, H.
 Fuller, J.
 Fuller, L.
 Fuller, P.
 Fuller, R.
 Fulmer, J.
 Fulton, F.
 Fulton, F.
 Fulton, J.
 Funchess
 Funk, A.
 Funk, E.
 Fuqua, E.
 Furley, C.
 Furman,
 Fyffe, D.
 Gaede, H.
 Gage, E.
 Gage, E.
 Gage, G.
 Gager, C.
 Gahan, A.
 Gain, J.
 Gaines, V.
 Gainey,
 Gaither,
 Gallaghe
 Galpin, I.
 Gantt, J.
 Garber, J.
 Garcia, F.
 Gardner,
 Gardner,
 Gardner,
 Gardner,
 Garig, M.
 Garman,
 Garner,
 Garner,
 Garrett,
 Garrety,
 Garrigus
 Garrison
 Garrison
 Gartley,
 Garver,
 Garver,
 Gary, E.
 Gaskill,
 Gaskill,
 Gass, H.
 Gasser, C.
 Gates, S.
 Gates, V.
 Gaum, C.
 Gaumni
 Gaumni

- Frevert, G. E., 21.
 Freyhofer, L., 36.
 Frier, G. M., 24.
 Fries, J. A., 61.
 Frink, M., 14.
 Frissell, H. B., 71.
 Frizzell, J. H., 60.
 Fromme, N. K., 64.
 Fuchs, C., 13.
 Fullan, M. T., 7.
 Fullaway, D. T., 4, 40.
 Fuller, H. N., 47.
 Fuller, J. G., 75, 76.
 Fuller, L. S., 36.
 Fuller, P. E., 5.
 Fuller, R. G., 31.
 Fulmer, E., 72, 73.
 Fulton, E. S., 35.
 Fulton, H. R., 60, 61.
 Fulton, J., 58.
 Funchess, M. J., 7, 8.
 Funk, A. B., 24.
 Funk, E., 21.
 Fuqua, H. L., 30.
 Furley, C., 27.
 Furman, C. M., 62.
 Fyffe, D. M., 55.

 Gaede, H. A., 48.
 Gage, E., 43.
 Gage, E. V., 60.
 Gage, G. E., 33.
 Gager, C. S., 41, 42.
 Gahan, A. B., 33.
 Gain, J. H., 44, 45.
 Gaines, W. L., 22.
 Gainey, P. L., 52.
 Gaither, E. W., 56.
 Gallagher, E., 57.
 Galpin, M. T., 71.
 Gantt, J. W., 62.
 Garber, J. B., 8.
 Garcia, F., 48, 49.
 Gardner, A. B., 63.
 Gardner, F. D., 60.
 Gardner, O. M., 51.
 Gardner, V. R., 32.
 Garig, M., 30.
 Garman, H., 29.
 Garner, J. D., 66.
 Garner, P. P., 39.
 Garrett, J. B., 31.
 Garrety, W. P., 5.
 Garrigus, H. L., 15.
 Garrison, W. D., jr., 63.
 Garrison, W. E., 48.
 Gartley, A., 19.
 Garver, M. M., 60.
 Garver, S., 64.
 Gary, E. E., 65.
 Gaskill, E. F., 35.
 Gaskill, R. F., 35.
 Gass, H. A., 42.
 Gasser, G. W., 4, 9.
 Gates, S. Y., 67.
 Gates, W. H., 30.
 Gaum, C. G., 7.
 Gaumnitz, A. J., 12.
 Gaumnitz, D. A., 37, 38, 39.

 Gaw, A. E., 72.
 Gearhart, W. S., 27.
 Geismar, L. M., 37.
 George, C. P., 48.
 George, F. J., 11.
 Georgeson, C. C., 4, 9.
 Georgia, A. E., 51.
 Gerac, H., 31.
 Gerrett, F., 34.
 Getz, Mrs. A. T., 31.
 Gibbs, C. M., 22.
 Gibbs, W. D., 5, 46.
 Gibson, F., 71.
 Gibson, M. J., 8.
 Giddings, N. J., 74.
 Gieger, M., 40.
 Giesecke, F. E., 66.
 Gieseker, L. F., 43.
 Giest, G. A., 66.
 Gifford, A. R., 69.
 Gilbert, A. H., 29.
 Gilbert, A. W., 50, 51.
 Gilchrist, A. W., 17.
 Gilchrist, M., 36.
 Gilchrist, N. L., 36.
 Gile, P. L., 4, 61.
 Giles, E. W., 34.
 Gilkey, H. M., 58.
 Gill, B., 59.
 Gill, E. T., 48.
 Gill, F. W., 22.
 Gillet, J. N., 11.
 Gillette, C. P., 13, 14.
 Gillison, B., 63.
 Gilmore, G., 18.
 Gilmore, J. W., 19.
 Gilreath, B., 8.
 Giltner, W., 36, 37.
 Given, G. C., 60, 61.
 Gladwin, F. E., 49.
 Glasson, E. J., 4.
 Gleason, C. A., 34.
 Glenn, M. A., 7.
 Glover, G. H., 13, 14.
 Goddard, J. P., 68.
 Goddard, L. H., 56.
 Goddard, M., 64.
 Goessmann, C. A., 35.
 Goetz, C. H., 73.
 Goins, M., 53.
 Gold, C. W., 51.
 Golding-Dwyre, C., jr., 13.
 Goldsborough, F. C., 33.
 Goldsmith, B. H., 60.
 Goldthwaite, N. E., 22.
 Goll, H. L., 56.
 Good, E. S., 29.
 Goodale, G. S., 39.
 Goodling, C. L., 60, 61.
 Goodrich, A. M., 71.
 Goodwin, S. H., 68.
 Goodwin, W. H., 56.
 Goodwin, W. S., 10.
 Gordon, A., 27.
 Gordon, C. E., 35.
 Gordon, C. H., 65.
 Gordon, J. H. (Iowa), 25, 26.

 Gordon, J. H. (U.S.D.A.), 5.
 Gordon, R. A., 41.
 Gordy, T. W., 16.
 Goss, A., 23.
 Goss, L. W., 27.
 Gossard, H. A., 56.
 Goucher, J. F., 34.
 Gough, A. C., 45.
 Gould, S. W., 32.
 Gourley, J. H., 56.
 Gow, R. M., 11.
 Gowans, E., 71.
 Graff, P. W., 27.
 Graham, A. B., 55.
 Graham, C. K., 71.
 Graham, K. H., 17.
 Graham, R. D., 35.
 Graham, R. E., 31.
 Graham, W. A., 52.
 Gramm, O., 76.
 Grant, C., 15.
 Grant, J. C., 8.
 Grant, J. F., 74.
 Grant, S. A., 19.
 Grantham, A. E., 16.
 Gravatt, T. E., 60.
 Graves, A. S., 73.
 Graves, H. L., 71.
 Graves, L., 25.
 Gray, D. T., 7, 8.
 Gray, J. C., 60.
 Gray, R. P., 32.
 Grayson, D. A., 8.
 Greaves, J. E., 68.
 Green, C. R., 35.
 Green, E., 58.
 Green, H. L., 31.
 Green, J. M., 66, 67.
 Green, S. B., 37, 38, 39.
 Green, S. J., 31.
 Green, W. J., 56.
 Greene, C. W., 9.
 Greene, E. B., 21.
 Greene, L., 26.
 Greer, J., 58.
 Greer, R. A., 65.
 Greever, G., 11.
 Gregg, C. J., 63.
 Gregg, O. I., 36.
 Gregory, C. V., 25, 26.
 Gregory, W. B., 5.
 Gribben, R. L., 35.
 Griffin, F. L., 58, 59.
 Griffin, H. P., 43.
 Griffin, J. T., 70.
 Griffith, W. E., 51.
 Griggs, C. H., 67.
 Griggs, E. L., 18.
 Griggs, E. V., 25.
 Griggs, R. F., 55.
 Griggs, W. D., 64.
 Grimsby, C., 25.
 Grindley, H. S., 21, 22.
 Griswold, D. T., 66.
 Grossenbacher, J. G., 49.
 Grossetta, A. V., 9.
 Groth, B. H. A., 47.

 Grout, G. P., 38.
 Grover, A. L., 32.
 Groves, E. R., 46.
 Grubb, E. H., 13.
 Guell, A. R., 30.
 Guild, F. N., 10.
 Gulick, J., 27.
 Gulley, A. G., 15.
 Gummere, W. S., 46.
 Gunderson, C., 56.
 Gunnels, H. C., 7, 8.
 Gunness, C. I., 54.
 Gunson, T., 36.
 Gurney, L. E., 20.
 Guss, S. H., 74.
 Gustafson, A. F., 22.
 Guthrie, E. S., 50, 51.
 Guthrie, G. T., 25.
 Guthrie, J. E., 25.
 Gutsch, M. R., 75.
 Gwinner, H., 33.

 Hackfeld, J. F., 20.
 Hadley, F. B., 55.
 Hadley, H., 48.
 Hadley, M. B., 17.
 Hadley, P. B., 62.
 Hadlock, W. L., 73.
 Haecker, A. L., 44.
 Haecker, T. L., 37, 38, 39.
 Hagemann, E. H., 12.
 Hagerty, C. T., 48.
 Hagerty, J. E., 55.
 Haggart, M. H., 48.
 Haidusek, A., 66, 67.
 Haigh, L. D., 41, 42.
 Haines, A. E., 48.
 Haines, W. T., 32.
 Hall, A. C., 38.
 Hall, F. H., 49.
 Hall, F. P., 10.
 Hall, H. M., 12.
 Hall, J. G., 52.
 Hall, J. T., 41.
 Hall, L. D., 21, 22.
 Hall, R. A., 62.
 Hall, W. W., 51.
 Haller, F. L., 43.
 Halligan, C. P., 36, 37.
 Halligan, J. E., 31.
 Hallsted, A. L., 28.
 Halpin, J. G., 75, 76.
 Halsted, B. D., 47.
 Ham, F. W., 43.
 Ham, W. R., 60.
 Hamill, J. L., 59.
 Hamilton, E. W., 25.
 Hamilton, J., 5, 6, 59.
 Hamilton, J. B., 65.
 Hamilton, J. M., 43.
 Hamilton, J. O., 27.
 Hamilton, W. S., 29.
 Hamlin, T. L., 32.
 Hammer, B. W., 75.
 Hammett, F. S., 62.
 Hammond, M. B., 55.
 Hammond, R. L., 33.
 Hammond, W. F., 69.

- Hammond, W. R., 19.
 Hamner, N. C., 66.
 Hand, J. L., 18.
 Hand, W. F., 39.
 Handschin, W. F., 38, 39.
 Hanemann, A. H., 31.
 Haner, J. L. K., 20.
 Hanks, L. S., 74.
 Hanna, H. H., 8, 71.
 Hansen, N. E., 64.
 Hanson, H. H., 32.
 Haralson, C., 39.
 Haralson, F., 39.
 Harden, F. G., 5.
 Hardie, R. A., 8.
 Hardin, J. H., 62.
 Hardin, M. B., 62.
 Harding, A. S., 64.
 Harding, E. P., 58.
 Harding, H. A., 49.
 Hardman, L. G., 18.
 Hardy, J. C., 39.
 Hare, A. J., 74.
 Hare, C. LeR., 7, 8.
 Hare, C. W., 8.
 Hare, R. F., 48, 49.
 Hargis, S., 25.
 Haring, C. M., 12.
 Harkins, L. A., 43.
 Hargrave, C. M., 36.
 Hargreaves, S., 69.
 Harman, M. T., 60.
 Harned, R. W., 39, 40.
 Harper, E. B., 44.
 Harper, J. N., 63.
 Harper, M. W., 50, 51.
 Harrelson, J. W., 52.
 Harrington, H. H., 66.
 Harrington, W. W., 15.
 Harris, A. C., 23.
 Harris, F. S., 51.
 Harris, G. D., 31.
 Harris, T. H., 30.
 Harris, W. A., 26.
 Harrison, E. L., 29.
 Harrison, H. T., 33.
 Harrison, T. P., 52.
 Harrison, W. H., 42.
 Hart, C. E., 47.
 Hart, E. B., 75, 76.
 Hart, J. H., 71.
 Hart, J. N., 32.
 Hart, L. C., 18.
 Hart, R. A., 5, 68.
 Hart, W. R., 35.
 Harter, G. A., 15, 16.
 Hartman, H. R., 53.
 Hartman, L. W., 45.
 Hartman, W. S., 43.
 Hartwell, B. L., 62.
 Hartzell, F. Z., 49.
 Hartzell, S. A., 26.
 Hasbrouck, P. B., 35.
 Haseman, L., 51.
 Haskell, C. G., 5.
 Haskell, E. J., 32.
 Haskell, S. B., 35.
 Haskins, H. D., 35.
 Hastings, E. G., 75, 76.
 Hatch, F. L., 21.
 Hatch, K. L., 75.
 Haugan, H. A., 21.
 Haviland, L. P., 49.
 Hawes, A., 57.
 Hawes, A. F., 69.
 Hawk, F. D., 12.
 Hawk, P. B., 21.
 Hawkes, Mrs. E. O., 71.
 Hawley, C. L., 57.
 Haworth, O. C., 24.
 Hay, M. E., 72.
 Hay, W. H., 59.
 Hayden, C. C., 21, 22.
 Hayes, A. W., 22.
 Hayes, F. M., 28.
 Hayes, M., 15.
 Hayes, W. S., 64.
 Hayhurst, P., 11.
 Hays, Mrs. S. H., 20.
 Hayward, H., 16.
 Hayward, H. S., 71.
 Haywood, W. G., 52.
 Hazel, J. H., 19.
 Headden, W. P., 13, 14.
 Headlee, T. J., 27, 28.
 Hean, C. S., 75, 76.
 Hearn, W. E., 53.
 Hearst, P. A., 11.
 Heaton, E. B., 26.
 Hebard, G. R., 77.
 Heck, R. C. H., 47.
 Hedges, C. C., 50.
 Hedrick, U. P., 49.
 Hedrick, W. O., 36.
 Hegnauer, L., 22.
 Hein, W. H., 73.
 Heiss, J., 23.
 Helder, G. K., 28.
 Heldring, J. J. L., 73.
 Heller, A. A., 45.
 Heller, C. S., 70.
 Hellman, I. W., 11.
 Helme, N., 62.
 Helyar, J. P., 69.
 Hemphill, L. S., 40.
 Hemphill, R. G., 5.
 Henderson, C. B., 45.
 Henderson, J. J., 31.
 Henderson, V. H., 11.
 Henderson, W., 18.
 Henderson, W. F., 70.
 Hendren, L. L., 18.
 Hendrick, M., 36.
 Hendricks, G. B., 68.
 Hendrix, B. W., 56.
 Henley, C., 36.
 Henley, W. W., 10.
 Henry, D. H., 63.
 Henry, E. S., 14.
 Henry, R. L., 30.
 Henry, W., 4.
 Henry, W. A., 75, 76.
 Hensel, H., 36.
 Hepburn, N. W., 22.
 Hepburn, W. M., 23.
 Hepner, F. E., 77.
 Herbert, J. C., 39.
 Herbert, J. W., jr., 47.
 Herbert, R. O., 10.
 Herget, A. M., 30.
 Hering, J. W., 33.
 Herms, W. B., 12.
 Herren, D., 7.
 Herrick, G. W., 50, 51.
 Herrick, R. S., 14.
 Herrington, J. A., 66.
 Herrington, S. E., 66.
 Herron, L. E., 71.
 Hess, W. E., 4, 61.
 Hetherington, C. W., 41.
 Hetzel, R. D., 58.
 Hewitt, C. E., 46.
 Hewitt, J. L., 10, 11.
 Heyl, F. W., 77.
 Hibbard, B. H., 25.
 Hibbard, P. L., 12, 13.
 Hibbard, R. P., 39, 40.
 Hibberd, G., 33.
 Hibshman, E. K., 60, 61.
 Hicks, A. M., 15.
 Hidinger, L. L., 5.
 Hiester, G., 59.
 Higgins, B. B., 52.
 Higgins, J. C., 15.
 Higgins, J. E., 4, 20.
 Hilary, F. A., 60.
 Hilgard, E. W., 11, 12.
 Hill, A. R., 41, 42.
 Hill, C. O., 65.
 Hill, D. H., 52.
 Hill, G., 30.
 Hill, Hampden, 52.
 Hill, Hubert, 52.
 Hill, H. A., 31.
 Hill, H. H., 70.
 Hill, H. W., 45.
 Hill, J. A., 77.
 Hill, J. B., 60, 61.
 Hill, R. S., 33.
 Hill, W. F., 59.
 Hills, J. L., 5, 69.
 Hilyer, J. V., 17.
 Himes, R. L., 30.
 Hinds, W. E., 7, 8.
 Hine, J. S., 55.
 Hinman, C. H., 27.
 Hinton, W. A., 57.
 Hiscock, F. H., 49.
 Hitch, H. J., 34.
 Hitchcock, A. E., 63.
 Hite, B. H., 74.
 Hoagland, D. R., 12, 13.
 Hoagland, R., 37, 38, 39.
 Hoard, W. D., 74.
 Hobbs, C. M., 23.
 Hoblit, M. L., 48.
 Hodges, J. T., 67.
 Hodges, T. E., 74.
 Hodgins, M., 46.
 Hodgkiss, H. E., 49.
 Hoefler, E. G., 77.
 Hoepfner, J. M., 73.
 Hoff, E. J., 5.
 Hoff, E. P., 68.
 Hoeffcker, F. H., 16.
 Hoffman, A. H., 25.
 Hoffman, J. W., 67.
 Hoffmann, C., 75.
 Hogenson, J. C., 67, 68.
 Holbrook, P. K., 24.
 Holcomb, G. N., 35.
 Holcomb, J., 11.
 Holdaway, C. W., 70.
 Holden, C. C., 74.
 Holden, P. G., 25.
 Holden, R. J., 70.
 Holland, E. B., 35.
 Holley, G. M., 36.
 Hollister, G. H., 53.
 Hollister, S. P., 71.
 Holloway, C. H., 63.
 Holloway, G. A., 19.
 Holloway, W. M., 17.
 Holm, H. C., 12, 13.
 Holmes, A. D., 63.
 Holmes, W., 56.
 Holmgren, A., 68.
 Holroyd, I. E., 27.
 Holsinger, C. V., 27.
 Holt, C. L., 36.
 Holt, S. V., 22.
 Holt, V., 4, 20.
 Homer, W. H., jr., 68.
 Hook, J. N., 63.
 Hooker, W. A., 4.
 Hooper, A., 34.
 Hooper, J. J., 28.
 Hooper, V. A., 10, 11.
 Hooper, W. D., 18.
 Hoover, J. A., 54.
 Hope, L., 75, 76.
 Hopkins, C. G., 21, 22.
 Hopkins, F. A., 28.
 Hopkins, Mrs. H., 8.
 Hopper, H. A., 12.
 Hopphan, C. E., 36.
 Hopson, G. A., 14.
 Hopt, E., 44, 45.
 Hornaday, W. A., 52.
 Horne, A., 52.
 Horne, W. T., 12.
 Horner, J. B., 58.
 Hoskins, J. D., 65.
 Hosmer, R. S., 19.
 Hossinger, J. H., 15.
 Hotchkiss, W. S., 66.
 Hottes, C. F., 21.
 Houghton, C. O., 16.
 House, A. B., 57.
 House, E. B., 13.
 House, W. L., 27.
 Householder, F. C., 54.
 Houser, J. S., 56.
 Houser, T., 56.
 Houseworth, E. E., 67.
 Houston, E. W., 42.
 Houston, H., 62.
 Houston, M. E., 71.
 Houston, S. T., 34.
 Hovland, H. B., 37.
 Howard, F., 27.

- Howard, J. T., 35.
Howard, O. T., 40.
Howard, R. F., 44, 45.
Howard, S. F., 35.
Howard, W. H. A., 18.
Howard, W. L., 41, 42.
Howe, A., 71.
Howe, E. D., 34.
Howe, F. W., 5.
Howe, R. B., 22.
Howell, D. B., 38.
Howell, E. A., 40.
Hubbard, G. D., 55.
Hubert, J., 33.
Hudnall, R. H., 70.
Hudson, R. S., 36.
Hudson, T. G., 18.
Huff, G. A., 21.
Huff, L. B., 59.
Huggins, J., 8.
Hughes, C. E., 49.
Hughes, C. M., 53.
Hughes, D. M., 18.
Hughes, H. D., 41, 42.
Hughes, H. J., 54.
Hull, A. L., 18.
Hull, D. C., 39.
Hull, E. L., 71.
Hulme, E. M., 20.
Humbert, E. P., 51.
Hume, A. N., 21, 22.
Hume, E. E., 29.
Humphrey, G. C., 75, 76.
Humphrey, H. B., 72, 73.
Humphrey, H. D., 13.
Hundertmark, R. E., 41.
Hunn, C. E., 51.
Hunn, C. J., 4, 20.
Hunt, A., 19.
Hunt, B. P., 8.
Hunt, L. W., 72.
Hunt, R. N., 73.
Hunt, T. F. (Cal.), 12.
Hunt, T. F. (Pa.), 6, 59, 60.
Hunt, Mrs. T. M. R., 67.
Hunter, J. E., 62.
Hunter, J. S., 12, 13.
Hunter, W. K., 65.
Huntington, A. M., 71.
Huntington, E. A., 68.
Huntsman, S., 68.
Hunziker, O. F., 23.
Hurd, W. D., 34.
Hurt, L. M., 36, 37.
Huse, H., 27.
Huston, F., 58.
Hutcheson, T. B., 70.
Hutchinson, W. L., 39, 40.
Hutchison, C. B., 41, 42.
Hutchison, G. G., 59.
Hutchison, J. R., 77.
Hutt, W. N., 52.
Hutton, G., 76.
Hyatt, E., 11.
Hyde, E., 71.
Hyslop, G. R., 58, 59.
Ickelheimer, H. R., 49.
Iddings, E. J., 14.
Ikard, F., 56.
Iles, F. B., 49.
Iles, L. W., 49.
Ince, J. W., 54.
Ingham, H. E., 46.
Ingham, N. D., 12, 13.
Ingraham, E. S., 55.
Irvine, B. F., 57.
Irwin, W. G., 20.
Isaacs, C. A., 72.
Isaacs, R. L., 67.
Isaacson, J., 10.
Isham, C. S., 71.
Jackman, W. T., 69.
Jackson, C. A., 27.
Jackson, C. F., 46.
Jackson, E. P., 58.
Jackson, H. C., 61.
Jackson, H. S., 59.
Jackson, H. W., 60.
Jackson, J. H., 29.
Jackson, M., 74.
Jackson, P., 41.
Jackson, T. F., 40.
Jackson, W. M., 29.
Jackson, W. P., 34.
Jacob, M., 65.
Jacobs, E. C., 69.
Jacobs, W. S., 11.
Jacobson, C. A., 45.
Jaffa, M. E., 11, 12.
Jahns, L. M., 75, 76.
James, A. C., 71.
James, C., 46.
James, D. L., 22.
James, E. J., 21.
Jameson, L. M. B., 71.
Jamison, A. P., 23.
Jamison, G. A., 23.
Jamison, K., 29.
Jarnagin, M. P., 18.
Jarvis, C. D., 15.
Jarvis, C. M., 14.
Jarvis, J. D., 23.
Jason, W. C., 16.
Jastro, H. A., 11.
Jayne, S. O., 5.
Jefferies, J. H., 53.
Jeffery, J. A., 36, 37.
Jeffords, T. M., 56.
Jeffrey, J. S., 52.
Jeffs, R. E., 25.
Jenkins, E. E., 18.
Jenkins, E. H., 14.
Jenks, F. B., 35.
Jenness, J. R., 27.
Jennison, H. M., 35.
Jensen, W. A., 58.
Jenson, J. W., 67.
Jobbins, D. M., 48.
Jodidi, S. L., 26.
Johannsen, O. A., 32.
Johnson, A. G., 24.
Johnson, A. R., 47.
Johnson, C. D., 66.
Johnson, C. L., 58.
Johnson, F. C., 18.
Johnson, F. E., 12, 13.
Johnson, F. S., 11.
Johnson, G. G., 63.
Johnson, J., 75, 76.
Johnson, L., 42.
Johnson, L. A., 72.
Johnson, L. E., 69.
Johnson, L. R., 9.
Johnson, M. F., 36.
Johnson, R. F., 67.
Johnson, S. A., 13, 14.
Johnson, T. C., 70.
Johnson, T. S., 18.
Johnston, A. D., 38.
Johnston, B. M., 27.
Johnston, C. E., 4.
Johnston, E., 71.
Johnston, E. P., 27.
Johnston, W. W., 56.
Johnstone, A., 62.
Johnstone, B. H., 63.
Jones, A. A., 42.
Jones, A. C., 73.
Jones, A. E., 36.
Jones, C. B., 71.
Jones, C. E., 74.
Jones, C. H., 69.
Jones, C. L., 32.
Jones, D. C., 66.
Jones, E. B., 17.
Jones, E. L., 75.
Jones, E. M., 74.
Jones, E. R., 75, 76.
Jones, F. C., 9.
Jones, G., 10.
Jones, G. D., 75.
Jones, J. F., 60.
Jones, J. H., 34.
Jones, J. S., 20, 21.
Jones, L. A., 5.
Jones, L. R., 69.
Jones, M. P., 50.
Jones, M. V., 71.
Jones, O. B., 55.
Jones, P. W. L., 29.
Jones, R. C., 61.
Jones, R. K., 32.
Jones, T. J., 71.
Jones, W. J., 71.
Jones, W. J., jr., 23.
Jones, W. M., 25.
Jordan, A. E., 20.
Jordan, E. L., 30.
Jordan, H. B., 71.
Jordan, W. H., 5, 49.
Judah, C., 9.
Judisch, G., 25.
Judson, L. B., 50, 51.
Jurjens, J. C., 76.
Kammeyer, J. E., 27.
Kanaga, E. D., 20.
Karnes, J. V. C., 41.
Kaufman, F. J., 60.
Kaupp, B. F., 13.
Kay, M., 27.
Kean, J. C., 40.
Kedzie, F. S., 36.
Kedzie, R. H., 36.
Keene, E. S., 53.
Keene, J. R., 34.
Keffer, C. A., 65.
Keith, W. J., 60.
Keitt, G. W., 63.
Keitt, T. E., 63.
Keitt, T. W., 62.
Keller, A. R., 19.
Keller, G., 75.
Kelley, A., 64.
Kelley, C. W., 53.
Kelley, W. P., 4, 20.
Kellogg, H., 25, 26.
Kellogg, L. L., 47.
Kellum, J. G., 16, 17.
Kelly, L., 4, 9.
Kelton, F. C., 10.
Kempster, H. L., 36.
Kendall, J. C., 27, 28.
Kennedy, C., 38.
Kennedy, C. D., 35.
Kennedy, C. V., 54.
Kennedy, M. B., 45.
Kennedy, P. B., 45.
Kennedy, W. J., 24, 26.
Kenney, F. C., 34, 35.
Kent, F. L., 58.
Kent, F. R., 33, 34.
Kenyon, A. M., 23.
Keppel, H. G., 17.
Kern, C. A., 69.
Kern, F. D., 23.
Kerr, A. P., 31.
Kerr, E. W., 30, 31.
Kerr, G. G., 15.
Kerr, J. P., 40.
Kerr, W. C., 49.
Kerr, W. J., 5, 58.
Kettle, S. I., 13.
Keyser, A., 13, 14.
Keyser, V., 6, 44.
Kidd, J. W., 66.
Kidder, A. F., 30.
Kidder, F. T., 68.
Kidder, I. A., 58.
Kiesselbach, T. A., 45.
Kiger, H. E., 24.
Kildee, H. H., 26.
Kilgore, B. W., 52.
Killebrew, C. D., 7.
Kimball, C. D., 61.
Kimbrough, J. M., 18.
King, C. M., 26.
King, E. M., 8.
King, E. S., 36.
King, F. G., 27, 28.
King, H. E., 9.
King, H. H., 27.
King, M. I., 29.

- [illegible]

- McCue, C. A., 16.
McCullough, J. G., 68.
McCune, C. N., 53.
McCune, E. C., 67.
McCutcheon, O. E., 20.
McDonald, M., 38.
McDonald, P., 36.
McDonald, W. T., 72, 73.
McDonnell, H. B., 33.
McDowell, Mrs. J. R., 42.
McDowell, M. S., 60.
McEathron, W. J., 5.
McElfresh, G. E., 58.
McEnerney, G. W., 11.
McFarlin, J. W., 29.
McFeely, E. A., 60.
McGarran, S. W., 27.
McGeorge, H. L., 40.
McGregor, A. G., 29.
McGregor, P., 72.
McGuire, A. J., 38, 39.
McHatton, T. H., 18.
McIlvain, H., 57.
McInnis, E. C., 40.
McIntire, C. M., 22.
McIntire, W. H., 60, 61.
McIntosh, D., 21, 22.
McKay, A. B., 39, 40.
McKay, F. B., 35.
McKay, G., 72.
McKay, L. O., 68.
McKeag, E. C., 30.
McKee, R. H., 32.
McKeen, J., 25.
McKeever, W. A., 26.
McKell, J. E., 40.
McKelvie, S., 44.
McKenzie, A., 71.
McKinley, J. W., 11.
McKinley, M. B., 57.
McKnight, G. H., 55.
McKnight, H. L., 66.
McLaughlin, W. W., 5, 67.
McLean, J. A., 40.
McLean M., 71.
McLendon, C. A., 18.
McLester, Mrs. W. C., 19.
McLouth, F. D., 58.
McMillin, E., 50.
McMullan, A. J., 18.
McMurren, S. M., 49.
McNatt, H. E., 41, 42.
McNeil, J. H., 55.
McNutt, J. C., 46.
McPherson, H., 71.
McPherson, J. H. T., 18.
McPherson, W., 55.
McRae, E. M., 23.
McRae, J. P., 52.
McVea, C., 30.
McVeety, E., 54.
McVey, J. M., 16.
McVickar, W. N., 71.
McWethy, L. B., 77.
McWhorter, R. L., 18.
Macarthur, J. R., 48.
MacDonald, M. B., 60, 61.
Macdonald, S. L., 13.
MacDougal, F. H., 66.
MacGillivray, A. D., 50.
Machetanz, K. A., 38.
Mack, J. T., 54.
Mack, M., 27.
Mack, W. B., 45.
MacKenzie, A. St. C., 28.
Mackey, D. E., 14.
Mackimmie, A. A., 35.
MacKintosh, R. S., 7, 8, 25.
Maclean, E., 25.
MacLean, J. A., 20.
Macmillan, J. C., 17.
MacMinn, G. R., 25.
MacMurray, A., 24.
MacNeal, W. J., 21, 22.
MacNider, G. M., 52.
Macpherson, H., 36.
Madaus, H. H., 24.
Madden, G. H., 21.
Madison, E. W., 67.
Madson, B. A., 26.
Maer, P. W., 39.
Magruder, W. H., 39.
Mahin, E. G., 23.
Mahoney, R. E., 5.
Mairs, T. I., 60.
Major, C., 23.
Major, D. R., 55.
Major, E. W., 12.
Major, H. F., 22.
Malde, O. G., 76.
Malette, E. A., 62.
Mallon, G. W., 54.
Mallory, W. L., 70.
Manchester, H. G., 14.
Maney, T. J., 26.
Maning, R. I., 62.
Mann, A. R., 50, 51.
Mann, C. D., 62.
Manns, T. F., 56.
Mansell, R. E., 12.
Mansur, Z. M., 68.
Marbut, C. F., 41, 42.
Marelli, H., 48.
Marinoni, U., 31.
Mariotte-Davies, P., 23.
Markey, W. E., 76.
Marks, J. D., 31.
Marlatt, A. L., 75, 76.
Marr, R. A., 70.
Marquardt, C. E., 60.
Marquette, W. G., 75.
Marquis, J. C., 75, 76.
Marsden, R. D., 5.
Marsh, H. E., 36.
Marshall, C. E., 36, 37.
Marshall, Mrs. F. E., 43.
Marshall, F. R., 55.
Marshall, G. W., 15, 16.
Marshall, I. W., 29.
Marshall, W. S., 75.
Marsteller, R. P., 66.
Martin, A. E., 18.
Martin, G. H., 34, 35.
Martin, H. L., 7.
Martin, L. H. O., 18.
Martin, S. M., 62.
Martinet, Mrs. L. M., 31.
Marty, G., 75, 76.
Mason, C. J., 15.
Mason, F. F., 33.
Mastin, J. C., 29.
Matheson, R., 51.
Mathews, H. B., 64.
Mathewson, T. G., 61.
Matthews, M., 38.
Matthews, C. W., 28.
Matthews, W. C., 29.
Mauldin, I. M., 62.
Maxfield, E. K., 16.
Maxson, R. N., 28.
Maxwell, A. M., 40.
May, D. W., 4, 61.
May, E. E., 54.
May, V. B., 48.
Mayhew, S. J., 8.
Maynard, B. S., 20.
Maynard, J., 64.
Maynard, W. H., 65.
Mayne, D. D., 37, 38.
Mayo, N. S., 70.
Mayo, W. J., 37.
Meacham, F. T., 53.
Mead, E., 12.
Mebane, A. L., 30.
Medcraft, W. G., 10.
Meek, E. B., 60, 61.
Meharg, A. S., 39.
Meiklejohn, R., 55.
Meinzer, E. G., 27.
Melandner, A. L., 72, 73.
Melcher, C. R., 29.
Meldrim, P. W., 19.
Mellen, F. D., 40.
Melvin, M. E., 17.
Menefe, J. A., 57.
Menville, R. L., 30.
Merica, C. O., 76, 77.
Merrill, J. F., 32.
Merrill, J. W., 26.
Merrill, L. A., 68.
Merrill, L. H., 32.
Merrill, N. F., 69.
Merriman, E. G., 33.
Merrow, H. L., 61.
Merz, H., 77.
Messenger, J. F., 69.
Messick, S. H., 15.
Metcalf, Z. P., 53.
Meyer, G. H., 21.
Michaelides, H., 36.
Michels, J., 52.
Michie, J. N., 66.
Middlekauff, H., 77.
Middleton, A. R., 23.
Milham, J. A., 28.
Millard, E. B., 27.
Miller, A. M., 28.
Miller, C., 59.
Miller, D. G., 5.
Miller, E. R., 7.
Miller, E. S., 49.
Miller, F. C., 60.
Miller, F. E., 48.
Miller, H. A., 23.
Miller, H. P., 57.
Miller, J., 63.
Miller, J. H., 27.
Miller, J. O., 48.
Miller, LeR. F., 64.
Miller, L. M., 30.
Miller, M. F., 41, 42.
Miller, S. H., 41.
Miller, T. E., 63.
Millett, H. A., 33.
Mills, G. F., 34.
Mills, H. C., 24.
Mills, L. S., 24.
Mills, S. P., 32.
Milner, R. D., 5.
Milner, R. T., 66, 67.
Miltimore, C. A., 57.
Milward, J. G., 75, 76.
Minard, A. E., 54.
Miner, L. R., 72.
Minkler, F. C., 47, 48.
Minns, E. R., 50, 51.
Minor, J. B., 53.
Minor, R. S., 12.
Mitcham, G. N., 7.
Mitchell, A., 66.
Mitchell, C. E., 74.
Mitchell, G., 25.
Mitchell, H. E., 72.
Mitchell, H. F., 57.
Mitchell, H. W., 59.
Mitchell, J. W., 66.
Mitchell, S. R., 48, 49.
Mitchell, W. LeR., 7.
Miyawaki, A., 27, 28.
Mixer, C. W., 69.
Mobley, J. H., 18.
Moffit, E. H., 20.
Mohn, E., 56.
Moir, A. T., 51.
Mokler, A. J., 76.
Moncure, W. A. P., 70.
Money, P. A., 61.
Monosmith, P. B., 40.
Monroe, A., 27, 28.
Monteith, H. R., 15.
Montgomery, E. G., 44.
Montgomery, J. C., 40.
Montgomery, L. M., 56.
Moors, C. A., 65.
Moore, A. J., 39, 40.
Moore, E. L., 64.
Moore, F. C., 46.
Moore, H. E., 20.
Moore, H. J., 51.
Moore, J. G., 75, 76.
Moore, J. S., 39, 40.
Moore, K. T., 9.
Moore, P., 21.
Moore, P. H., 64.
Moore, R. A., 75, 76.
Moorhead, M. B., 38.
Moorhouse, L. A., 56, 57.
Mooring, D. C., 62.
Moorman, R. M., 42.
Moran, T. F., 23.
Morehouse, A. D., 5.
Morgan, A. E., 5.

- Morgan, H. A., 65.
 Morgan, J. F., 62.
 Morgan, J. O., 39.
 Morley, W. S., 20.
 Morman, J. B., 4.
 Morphis, R. W., 53.
 Morrell, L. L., 49.
 Morrey, C. B., 55.
 Morrill, A. W., 10.
 Morris, E. L., 12, 13.
 Morris, H. E., 43.
 Morris, J., 18.
 Morris, M. M., 25.
 Morris, O. M., 56, 57.
 Morris, R., 47.
 Morris, R. T., 50.
 Morris, S., 72.
 Morris, T. D., 65.
 Morris, W., 16.
 Morris, W. E., 76.
 Morris, W. F., 52.
 Morrison, C. B., 14.
 Morrison, G. L., 72.
 Morrison, J. H., 67.
 Morrison, W. S., 62.
 Morrow, H. E., 10.
 Morse, E. W., 4.
 Morse, W. C., 55.
 Morse, W. J., 33.
 Mortensen, M., 24, 26.
 Mortland, I., 30.
 Morton, G. E., 13.
 Morton, J., 49.
 Mosby, T. S., 42.
 Moseley, J. H., 41.
 Moses, A., 66.
 Mosher, A. G., 25.
 Mosier, J. G., 21, 22.
 Moten, J., 42.
 Moton, R. R., 71.
 Moulton, C. R., 41, 42.
 Mower, E. C., 68.
 Mowry, J. L., 38.
 Mudge, M., 27.
 Muir, F. W., 20.
 Muldrow, C., 63.
 Mulford, H. Du B., 47.
 Mulligan, C. A., 65.
 Mulvania, M., 65.
 Mumford, F. B., 41, 42.
 Mumford, H. W., 21, 22.
 Mundell, J. E., 48, 49.
 Mundhenk, C. L., 25.
 Munford, B. B., 71.
 Munford, W., 8.
 Munro, D. C., 69.
 Munroe, J. M., 33.
 Munson, W. M., 6, 74.
 Murphree, A. A., 17.
 Murphy, D. D., 24.
 Murphy, H. S., 25.
 Murphy, T. E., 40.
 Murray, C., 25.
 Murray, G. S., 42.
 Murray, R., 57.
 Murrell, G. T., 19.
 Musback, F. L., 75.
 Musgrave, J. S., 69.
 Musselman, H. H., 36.
 Mustaine, W. W. H., 29.
 Mustard, L. W., 15.
 Myers, C. E., 60, 61.
 Myers, C. H., 22.
 Myers, H. B., 65.
 Myers, J. J., 36.
 Myers, T. R., 65.
 Myrick, A. B., 69.
 Nagle, J. C., 66.
 Nalley, H., 33.
 Napier, J. M., 75, 76.
 Napp, W. G., 31.
 Nash, C. W., 28.
 Naylor, N., 25.
 Neal, J. W., 4, 9.
 Neal, R. W., 35.
 Needham, J. G., 50.
 Neel, L. R., 65.
 Neelly, J. E., 10.
 Neely, R. C., 18.
 Nehrling, A. H., 22.
 Neilson, J., 47, 48.
 Nelson, A., 77.
 Nelson, A. P., 75.
 Nelson, B. F., 37.
 Nelson, E., 20, 21.
 Nelson, J., 47.
 Nelson, J. B., 43.
 Nelson, M., 10, 11.
 Nelson, R. J., 10.
 Nelson, S. B., 72, 73.
 Nelson, W. P., jr., 66.
 Nesbit, A. F., 46.
 Ness, H. (Iowa), 25.
 Ness, H. (Tex.), 66.
 Netherton, T. M., 13.
 Nettleton, M. W., 72.
 Newbern, H. E., 17.
 Newbury, W. R., 53.
 Newell, W., 66.
 Newman, C., 36.
 Newman, C. C., 63.
 Newman, C. L., 52.
 Newman, C. M., 70.
 Newman, J. T., 50.
 Newman, P. J., 27.
 Newsom, I. E., 13.
 Newton, H. D., 15.
 Newton, J. T., 18.
 Newton, W. R., 47.
 Nicholas, N., 65.
 Nichols, C. B., 28.
 Nicholson, J. F., 20, 21.
 Nicholson, J. W., 30.
 Nickerson, W. J., 31.
 Niederhauser, S. W., 60.
 Niederman, G., 22.
 Nix, N. C., 63.
 Nixon, C., 51.
 Noble, A. B., 24.
 Noble, E. C., 44.
 Noble, M. C. S., 53.
 Nock, N. W., 70, 71.
 Noe, J. T. C., 29.
 Noel, E. F., 39, 40.
 Noel, H. L., 39.
 Noell, R. J., 69.
 Nolan, A. W., 74.
 Noll, C. F., 60, 61.
 Norby, A. J., 63.
 Norcross, P., 75.
 Norgord, C. P., 75, 76.
 Norman, A. J., 33, 34.
 Norment, J. W., 39.
 Norris, R. S., 20.
 Northcott, G. A., 73, 74.
 Northrop, C., 37, 38.
 Northrup, Z., 36, 37.
 Norton, G. I., 25.
 Norton, J. B. S., 33.
 Norton, J. H., 12.
 Nourse, D. O., 63.
 Noyes, J., 35.
 Nutter, J. H., 34.
 Nutter, J. W., 29.
 Nye, W. McE., 23.
 Nystrom, A. B., 27.
 Oak, J. M., 32.
 Oates, M. B., 11.
 Oberdorffer, W. J., 35.
 Obrecht, R. C., 21, 22.
 Ocock, C. A., 75, 76.
 Odell, F. L., 25.
 Ogden, E. L., 4.
 Ogden, R. C., 8, 71.
 Ogier, T. L., 66.
 O'Hanlon, W., 49.
 O'Kane, W. C., 46.
 Okey, C. W., 5.
 Olcott, J. B., 14.
 Olive, E. W., 64.
 Oliver, H., 27.
 Oliver, J. D., 23.
 Oliver, T. E., 21.
 Olmsted, M. E., 59.
 Olson, G. A., 73.
 Olson, O. M., 73.
 Olwell, J. D., 57.
 Opperman, C. L., 34.
 Ormsbee, E. J., 68.
 Orton, W. A., 70.
 Orvis, E. L., 59.
 Osborn, H., 55.
 Osborne, M. G., 30.
 Osborne, O. M., 20.
 Osborne, T. B., 14.
 Osler, H. S., 36.
 Osmun, A. V., 35.
 Ostrander, J. E., 35.
 Oswald, W. L., 38.
 Otey, M. J., 57.
 Otis, D. H., 75, 76.
 Overman, E. H., 45.
 Oviatt, C. J., 77.
 Owen, A. P., 48.
 Owen, E. B., 52.
 Owen, E. J., 47.
 Owen, I. L., 47.
 Owen, S. M., 37.
 Owen, W. L., 31.
 Paddock, W., 55.
 Page, I. E., 57.
 Paige, E. O., 18.
 Paige, J. B., 35.
 Palmer, E. S., 47.
 Palmer, J. H., 9.
 Palmer, M. A., 14.
 Palmer, W. R., 32.
 Pammel, L. H., 24, 26.
 Panter, C. R., 31.
 Park, J. B. (Ga.), 18.
 Park, J. B. (Ill.), 22.
 Park, R. E., 18.
 Parker, C. E., 16.
 Parker, H. C., 68.
 Parker, H. M., 40.
 Parker, J. B., 27, 28.
 Parker, J. R., 35.
 Parker, J. T., 27.
 Parker, T. B., 52.
 Parker, W. H., 36.
 Parker, W. M., 46.
 Parmelee, C. W., 47.
 Parmelee, M., 68.
 Parr, S. W., 21.
 Parrish, G. R., 70.
 Parrish, J. C., 41.
 Parrott, A. H., 54.
 Parrott, J. R., 70.
 Parrott, P. J., 6, 49.
 Parrott, R. B., 47.
 Parshall, R., 14.
 Parsons, C. L., 46.
 Patch, E. M., 32.
 Pate, W. F., 56.
 Paterson, T. G., 27, 28.
 Patrick, B. S., 7.
 Patrick, I. L., 63.
 Pattee, F. L., 59.
 Pattee, G. K., 60.
 Patten, A. J., 37.
 Patten, D. W., 14.
 Pattengill, E. A., 25.
 Patterson, C. H., 74.
 Patterson, H. F., 43.
 Patterson, H. J., 33.
 Patterson, J. K., 28.
 Patterson, W. H., 59.
 Patterson, W. K., 29.
 Patton, C. A., 56.
 Patton, E. H., 41.
 Paull, L. F., 13.
 Paulsen, T. C., 31.
 Paxton, E. E., 20.
 Payne, W. O., 18.
 Paynter, E. R., 15.
 Paynter, W. C., 42.
 Payson, E. R., 47.
 Payson, G. H., 47.
 Peabody, F. G., 71.
 Peabody, G. F., 8, 71.
 Peairs, L. M., 33, 34.
 Pearl, R., 32.
 Pearson, Mrs. D. E., 19.
 Pearson, G. E., 3.
 Pearson, H., 19.
 Pearson, R. A., 49.
 Peck, A. L., 58, 59.
 Peck, C., 68, 69.
 Peck, S. S., 20.
 Pedersen, N. A., 68.

Peek, E. I.
 Pegues, B.
 Pember, F.
 Pence, M.
 Pennewill
 Pennewill
 Penny, C.
 Pennycool
 Peppard,
 Perin, S. V.
 Perkins, A.
 Perkins, C.
 Perkins, I.
 Perkins, F.
 Perkins, S.
 Perkins, V.
 Pernot, E.
 Person, F.
 Peteet, W.
 Peter, A.
 Peters, A.
 Peters, L.
 Petersen,
 Peterson,
 Peterson,
 Peterson,
 Peterson,
 Peterson,
 Peterson,
 Peterson,
 Petrie, G.
 Petrie, T.
 Pettee, C.
 Pettit, J.
 Pettit, R.
 Petty, L.
 Pew, W.
 Pfersch, C.
 Phares, J.
 Phelps, M.
 Phenix, C.
 Philbrick
 Phillips,
 Phillips,
 Phillips,
 Phillips,
 Phillips,
 Pickel, F.
 Pickel, J.
 Pickett, I.
 Pierce, H.
 Pierce, W.
 Pierpont,
 Pile, G. F.
 Payson, G. H., 47.
 Pilkington
 Pillsbury
 Pillsbury
 Pillsbury
 Pinckney
 Pincomb,
 Pinkett,
 Pittuck,
 Placeway
 Plauche,
 Plumb, C.
 Poats, T.
 Pohlers, C.

- Peek, E. L., 18.
 Pegues, B. W., 30.
 Pember, F. R., 62.
 Pence, M. L., 29.
 Pennewill, J., 15.
 Pennewill, S. S., 15.
 Penny, C. L., 16.
 Pennycook, J., 14.
 Peppard, L. L., 36.
 Perin, S. W., 45.
 Perkins, A. E., 41, 42.
 Perkins, G. H., 69.
 Perkins, H. F., 69.
 Perkins, R. C. L., 20.
 Perkins, S. O., 52.
 Perkins, W. R., 40.
 Pernot, E. F., 58.
 Person, F. G., 14.
 Peteet, W., 66.
 Peter, A. M., 29.
 Peters, A. T., 44.
 Peters, L., 25.
 Petersen, N. F., 30.
 Peterson, E. G., 68.
 Peterson, E. L., 73.
 Peterson, L., 75.
 Peterson, M. H., 75.
 Peterson, P. P., 76.
 Peterson, W., 68.
 Peterson, W. H., 76.
 Petrie, G., 7.
 Petrie, T. H., 20.
 Pettee, C. H., 46.
 Pettit, J. H., 21, 22.
 Pettit, R. H., 36, 37.
 Petty, L. E., 27.
 Pew, W. H., 25.
 Pfersch, C. L., 48.
 Phares, J., 40.
 Phelps, Mrs. C. P., 49.
 Phenix, G. P., 71.
 Philbrick, A. E., 44.
 Phillips, A. G., 27, 28.
 Phillips, F. J., 44.
 Phillips, H., 12, 13.
 Phillips, J. H., 51.
 Phillips, J. McL., 55.
 Phillips, J. V., 5.
 Pickel, F. W., 10.
 Pickel, J. M., 51.
 Pickett, B. S., 46.
 Pierce, H., 14.
 Pierce, W. M., 57.
 Pierpont, A. J., 14.
 Pile, G. E., 17.
 Pilkington, B., 59.
 Pillsbury, J. P., 60, 61.
 Pillsbury, R. W., 46.
 Pillsbury, W. L., 21.
 Pinckney, R. M., 43.
 Pincomb, H. M., 22.
 Pinkett, D. J., 34.
 Pittuck, B. C., 56, 57.
 Placeway, L. A., 25.
 Plauche, S. W., 30.
 Plumb, C. S., 55.
 Poats, T. G., 62.
 Pohlers, G. F., 5.
 Pollard, A. G., 34.
 Pomerene, F. E., 54.
 Pompey, R. S., 9.
 Pond, G. G., 59.
 Pond, R. H., 63.
 Pool, V. W., 45.
 Pope, W. T., 19.
 Porter, B. E., 19.
 Porter, C. W., 68.
 Porter, H. E., 27.
 Porter, J. T., 65.
 Porter, W. M., 58.
 Porter, W. R., 11.
 Porterfield, W. P., 53.
 Posey, F. D., 18.
 Post, C., 74.
 Post, H. R., 16.
 Potter, A. A., 27.
 Potter, E. L., 58, 59.
 Potter, H. B., 64.
 Potter, P. D., 60.
 Potter, W. R., 20.
 Potts, A. R., 36.
 Potts, R. C., 56, 57.
 Potts, R. J., 66.
 Potts, S. A. E., 42.
 Powell, E. J., 18.
 Powell, H. McL., 10.
 Powell, J. H., 41.
 Powell, J. P., 9.
 Powell, J. S., 68.
 Powell, J. W., 7.
 Powers, D. T., 30.
 Powers, H. H., 68.
 Powers, J. N., 39, 40.
 Powers, M. R., 62.
 Powers, W. H., 64.
 Powers, W. L., 58, 59.
 Pratt, C. D., 72.
 Pratt, F. R., 47.
 Pratt, G. K., 30.
 Pratt, L. A., 46.
 Pratt, W. F., 50.
 Prentiss, R. W., 47.
 Prescott, A. T., 30.
 Preston, C. H., 34.
 Price, A. M., 72.
 Price, H. C., 55.
 Price, H. L., 70.
 Price, J. C. C., 7, 8.
 Price, R. B., 41, 42.
 Price, R. R., 27.
 Prichard, J. G., 30.
 Prien, O. L., 77.
 Prillerman, B., 74.
 Prince, W. E., 32.
 Pringle, C. G., 69.
 Pritts, J. H., 34.
 Privott, W. W., 34.
 Proctor, R., 68.
 Proctor, W. R., 54.
 Proulx, E. G., 24.
 Prouty, G. H., 68.
 Prucha, M. J., 49.
 Pryor, J. W., 29.
 Publow, C. A., 50, 51.
 Pugsley, C. W., 44, 45.
 Pullen, M. W., 25.
 Pulley, E. P., 68.
 Purdy, L., 25.
 Purinton, D. B., 73.
 Puryear, C., 66.
 Putnam, E., 27.
 Putnam, F. W., 46.
 Putnam, G. A., 6.
 Putney, F. S., 41, 42.
 Pyle, C. A., 38.
 Quarles, J. H., 66.
 Quayle, H. J., 12.
 Quereau, F. C., 31.
 Quick, E., 72.
 Quigley, J. E., 59.
 Quinby, H. B., 46.
 Radford, E., 48.
 Radford, J. B., 53.
 Rae, R., 25.
 Ragan, W. H., 51.
 Raggio, A. P., 32.
 Rahn, O., 36, 37.
 Raiford, L. C., 77.
 Rail, E., 44, 45.
 Ralston, W. E., 72.
 Ramsey, H. J., 12.
 Ramsey, J. B., 9.
 Ramsey, J. R., 41.
 Ramsower, H. C., 55.
 Randall, D. L., 46.
 Randlett, G. W., 54.
 Ranger, W. E., 61.
 Rankin, F. H., 22.
 Rankin, J. O., 4.
 Ransom, J. H., 23.
 Rasche, W. H., 70.
 Rasmussen, F., 46.
 Rateliff, J. A., 57.
 Rather, J. B., 66.
 Rausch, M. F., 13.
 Raven, F. W., 36.
 Ravenel, M. P., 75, 76.
 Rawl, B. H., 62.
 Ray, B. J., 52.
 Ray, J. E., 33.
 Ray, P. O., 59.
 Raymond, W. R., 25.
 Rea, H. K., 42.
 Read, A. C., 59.
 Read, W. A., 30.
 Reade, J. M., 18.
 Readhimer, J. E., 22.
 Reardon, J., 25.
 Reddick, D., 50, 51.
 Redfern, A. M., 63.
 Redifer, A. E., 60.
 Reed, A. G., 30.
 Reed, C. C., 34.
 Reed, E. E., 30.
 Reed, G. M., 41, 42.
 Reed, H. R., 28.
 Reed, H. S. (Mich.), 36.
 Reed, H. S. (Va.), 70.
 Reed, J. C., 35.
 Reed, L. J., 32.
 Reed, O. E., 23, 24.
 Reeder, G., 41, 42.
 Rees, E. L., 29.
 Reese, A. M., 73.
 Regt, A. C., de, 47.
 Reid, I. C., 10.
 Reimer, F. C., 52.
 Reinstein, J. B., 11.
 Remick, B. L., 26.
 Remington, R. E., 54.
 Rentschler, M. J., 60.
 Ressler, E. DeV., 58.
 Reynolds, E., 15.
 Reynolds, E. S., 65.
 Reynolds, J., 27.
 Reynolds, M. H., 37, 38, 39.
 Reynolds, P. L., 35.
 Rhoades, L. A., 55.
 Rhys, A., 41, 42.
 Rice, A., 27.
 Rice, A. E., 37.
 Rice, C. W., 24.
 Rice, J. E., 50, 51.
 Rice, T., 56.
 Rich, F. A., 69.
 Richards, A., 48.
 Richards, J. C., jr., 62.
 Richards, W. B., 54.
 Richardson, C. S., 33.
 Richardson, M. R., 52.
 Richeson, W. L., 31.
 Rickman, J. D., 27.
 Ricks, J. R., 40.
 Ricks, R. H., 51.
 Ridenour, A. E., 27.
 Ridgaway, C. B., 77.
 Ridgway, C. S., 7.
 Ridgway, J. W., 7.
 Rietz, H. L., 22.
 Riggs, J. F., 24.
 Riggs, W. M., 62.
 Riley, H. W., 50.
 Riley, W. A., 50.
 Rinkle, L. G., 41, 42.
 Ritzman, E. G., 4, 61.
 Rivarde, L. R., 31.
 Rives, J. H., 30.
 Robert, S. A., 65.
 Roberts, E. E., 10.
 Roberts, G., 28, 29.
 Roberts, G. A., 52.
 Roberts, G. L., 23.
 Roberts, H. F., 26, 28.
 Roberts, I. P., 50.
 Roberts, J. A., 32.
 Roberts, J. W., 63.
 Roberts, M. M., 25.
 Roberts, O. S., 24.
 Roberts, R., 68.
 Roberts, R. M., 12, 13.
 Roberts, S. C., 73.
 Robertson, G. H., 20.
 Robertson, J. E., 36.
 Robertson, W., 39.
 Robinson, C. S., 37.
 Robinson, D., 39.
 Robinson, J. S., 33.
 Robinson, R. R., 9.
 Robinson, T. A., 57.
 Robinson, W. A., 36.

- Robinson, W. F., 53.
 Robson, Mrs. G. A., 36.
 Rockafellow, B. F., 13.
 Rockwell, A. B., 72.
 Rockwell, W. L., 5.
 Rodeheaver, J. N., 64.
 Rodell, E. N., 27.
 Rodes, W., 29.
 Rodgers, M. C., 67.
 Rodgers, R. H., 58.
 Rodman, T. C., 62.
 Roe, H. B., 38.
 Roe, R. B., 14.
 Rogers, A. J., jr., 75, 76.
 Rogers, B., 27.
 Rogers, C. A., 50, 51.
 Rogers, F. K., 71.
 Rogers, J. S., 60.
 Rogers, S. S., 13.
 Rolfe, C. W., 21.
 Rolfs, F. M., 42.
 Rolfs, P. H., 5, 17.
 Rollins, C. B., 41.
 Rollins, W. C., 67.
 Rose, A. R., 49.
 Rose, C. G., 53.
 Rose, D. H., 27, 28.
 Rose, F., 51.
 Rose, J. S., 12.
 Rose, L. H., 57.
 Roseboom, B. A., jr., 36.
 Roskrige, G. J., 9.
 Ross, B. B., 7, 8.
 Ross, E. J., 57.
 Ross, H. E., 50.
 Ross, W. G., 60, 61.
 Ross, W. H., 10.
 Roston, J. M., 19.
 Rouce, J. A., 57.
 Rouse, I., 49.
 Routten, W. W., 40.
 Rowan, L. J., 41.
 Rowe, W. E., 29.
 Rowell, C., 11.
 Rowell, J. L., 69.
 Rowell, T. D., 66, 67.
 Roy, V. L., 30, 31.
 Rudd, W. N., 65.
 Rudolph, R., 68.
 Rudy, A., 52.
 Rueber, A., 54.
 Ruggles, A. G., 38, 39.
 Rule, W., 64.
 Rumbold, C., 41.
 Rumsey, W. E., 74.
 Runk, J. A., 60.
 Runkle, E. W., 59.
 Rusk, E. W., 41, 42.
 Rusk, H. P., 23.
 Russell, A. R., 52.
 Russell, F. L., 32.
 Russell, H. L., 5, 75, 76.
 Russell, S. M., 9.
 Russell, W. J., 7.
 Ruth, W. A., 22.
 Rutherford, J. F., 10.
 Rutland, J. R., 7.
 Ruzek, C. A., 11.
 Ryall, B. R., 24.
 Ryder, E. H., 36.
 Saby, A. G., 58.
 Sackett, H. W., 49.
 Sackett, W. G., 13, 14.
 Safford, R. B., 25.
 St. Clair, P. F., 69.
 St. Martin, F. L., 31.
 St. Peter, L. U., 75.
 Salyer, S. M., 18.
 Sammis, J. L., 75, 76.
 Sampson, D. L., 56.
 Sampson, G. M., 17.
 Sanborn, C. E., 57.
 Sanborn, F. E., 55.
 Sandell, H., 75.
 Sanders, J. W., 30.
 Sanders, J. Y., 30.
 Sanders, M. B., 57.
 Sanders, S. T., 30.
 Sanderson, E. D., 6, 46.
 Sandoz, B. J., 30.
 Sanford, E. T., 64.
 Sanford, F., 53.
 Sanford, F. H., 36.
 Sanford, S. V., 18.
 Sater, L. F., 54.
 Saunders, W. D., 70.
 Savage, E. S., 50, 51.
 Savage, J. T., 40.
 Sawyer, A. R., 36.
 Sawyer, C. E., 63.
 Scammon, R. M., 46.
 Schaefer, F. A., 20.
 Schaeffer, N. C., 59.
 Schaffner, J. H., 55.
 Schaphorst, W. F., 48.
 Schaub, I. O., 52.
 Scheffer, T. H., 27, 28.
 Schenk, L. H., 47.
 Scherffius, B. F., 29.
 Scherffius, W. H., 29.
 Schieffelin, W. J., 8, 71.
 Schmelz, H. L., 71.
 Schmidt, L. B., 25.
 Schmitt, C. D., 65.
 Schmitz, N., 33.
 Schnabel, J., 42.
 Schnaitter, M. R., 29.
 Schoene, W. J., 49.
 Schoenleber, F. S., 27, 28.
 Schoentgen, E. T., 24.
 Scholl, E., 66.
 Schollander, E. G., 54.
 Schoppe, W. F., 43.
 Schreiber, W. E., 57.
 Schryver, E., 54.
 Schuele, C. H., 73.
 Schuler, C., 30.
 Schulte, J. I., 4.
 Schultz, L., 56.
 Schulz, C. G., 37.
 Schurman, J. G., 49, 50.
 Schwab, C. H., 59.
 Schwartz, C. A., 41.
 Schweitzer, P., 41, 22.
 Scoffin, L. B., 65.
 Scott, A., 47.
 Scott, C. A., 24, 26.
 Scott, C. W., 46.
 Scott, E. L., 30.
 Scott, F. W., 21.
 Scott, G. A., 32.
 Scott, G. E., 56.
 Scott, J. M., 17.
 Scott, N. A., 74.
 Scott, R. W., 52.
 Scott, R. W., jr., 53.
 Scovell, M. A., 6, 29.
 Scoville, W. H., 71.
 Scrogge, W. O., 30.
 Scudder, E. N., 40.
 Scudder, H. D., 58, 59.
 Scudder, M. T., 47.
 Seage, G. E., 15.
 Searle, J. P., 47.
 Sears, F. C., 35.
 Sears, W. J., 54.
 Sease, L. A., 63.
 Seaton, R. A., 27.
 Sebastian, W. P., 66, 67.
 Secrest, E., 56.
 Segall, J. B., 32.
 Seibert, D., 33.
 Selby, A. D., 56.
 Selby, L. B., 52.
 Seldomridge, H. G., 57.
 Sessums, I. D., 40.
 Setchell, W. A., 11, 12.
 Seth, J. B., 33.
 Severance, G., 72, 73.
 Severance, R. C., 19.
 Severin, H. C., 64.
 Sewall, T., 38.
 Sewell, A. H., 50.
 Shaeffer, A. A., 65.
 Shafer, F. F., 5.
 Shafer, G. D., 36, 37.
 Shaforth, J. T., 13.
 Shanklin, A. G., 63.
 Shanks, L. P., 65.
 Shannon, E. F., 10.
 Sharp, J. C., 67.
 Shattuck, C. H., 20.
 Shattuck, F. V., 25.
 Shattuck, H. B., 69.
 Shattuck, S. W., 21.
 Shaw, A. M., 5.
 Shaw, C. F., 60, 61.
 Shaw, G. W., 12.
 Shaw, H. B., 69.
 Shaw, J. E., 9.
 Shaw, J. K., 35.
 Shaw, R. H., 41, 42.
 Shaw, R. S., 36, 37.
 Shaw, S. B., 53.
 Shaw, W. T., 72, 73.
 Shawkey, M. P., 73, 74.
 Shedd, C. K., 44.
 Shedd, O. M., 29.
 Shedd, S., 72.
 Sheldon, J. L., 74.
 Shepard, C. E., 14.
 Shepard, C. S., 49.
 Shepard, E. R., 58.
 Shepard, J. H., 64.
 Shepperd, A., 54.
 Shepperd, J. H., 53, 54.
 Shepperd, J. L., 38.
 Sherman, C. E., 55.
 Sherman, F., jr., 52.
 Sherwin, M. E., 32.
 Sherwood, F. W., 52.
 Shi, B. L., 7.
 Shields, J. F., 59.
 Shields, R. L., 55.
 Shines, P. L., 8.
 Shockley, A. R., 34.
 Shoemaker, C. E., 23.
 Shoesmith, V. M., 55.
 Shook, L. W., 8.
 Short, A. K., 11.
 Short, C. A., 16.
 Shuford, W. J., 52.
 Shull, H., 51.
 Shute, W. W., 48.
 Sievers, J. F., 75, 76.
 Sigerfoos, E., 37, 38.
 Silvester, R. W., 33.
 Simmons, A. L., 54.
 Simmons, G. E., 32.
 Simmons, L. Van T., 60.
 Simms, G., 34.
 Simpson, H. H., 48, 49.
 Simpson, J. N., 74.
 Simpson, O. G., 58, 59.
 Simpson, R. O., 8.
 Simpson, R. W., 62.
 Sinclair, W., 33.
 Singler, J. J., 75, 76.
 Singleton, C. B., 10.
 Sirrine, F. A., 49.
 Sisson, L. M., 72.
 Sisson, S., 55.
 Skinner, B. S., 52.
 Skinner, J. H., 23.
 Skinner, J. L., 7.
 Slack, C. W., 11.
 Slagle, R. L., 64.
 Slate, W. L., jr., 46.
 Slater, E. K., 38.
 Sloan, P. H. E., 62.
 Sloan, R. E., 9.
 Sloat, W. E., 36.
 Slocum, A. W., 69.
 Smart, T., 67.
 Smiley, G., 64.
 Smith, A., 39.
 Smith, A. G., 30.
 Smith, A. M., 38.
 Smith, A. W., 20.
 Smith, B. G., 75.
 Smith, C. A., 37.
 Smith, C. C., 9.
 Smith, C. M., 23.
 Smith, C. O. (Cal.), 12.
 Smith, C. O. (Ohio), 56.
 Smith, C. P., 68, 69.
 Smith, D. P., 28.
 Smith, E. C., 68.
 Smith, E. H., 12.
 Smith, E. C.
 Smith, F., 2.
 Smith, F. F.
 Smith, G., 3.
 Smith, G. A.
 Smith, G. F.
 Smith, H.,
 Smith, H. I.
 Smith, H. I.
 Smith, H. I.
 Smith, H. I.
 Smith, I. W.
 Smith, J. B.
 Smith, J. E.
 Smith, J. E.
 Smith, J. T.
 Smith, L.,
 Smith, L. I.
 Smith, L. I.
 Smith, M. I.
 Smith, M. I.
 Smith, M. I.
 Smith, O. C.
 Smith, P. I.
 Smith, R.,
 Smith, R.
 Smith, R.
 Smith, R.
 Smith, R.
 Smith, R.
 Smith, R.
 Smith, R.
 Smith, W.
 Smith, W.
 Smith, W.
 Smith, W.
 Smyth, E.
 Smyth, E.
 Snelgrove,
 Snelling, C.
 Snodgrass,
 Snodgrass,
 Snow, C. M.
 Snow, F. C.
 Snow, L. I.
 Snyder, A.
 Snyder, J.
 Snyder, W.
 Sommers,
 Sorley, L.
 Sorrell, E.
 Soule, A.
 Southall,
 Spain, W.
 Spangler,
 Sparks, D.
 Sparks, E.
 Sparks, H.
 Spaulding
 Spear, A.
 Spearing,
 Spears, H.
 Spence, D.
 Spence, T.
 Spencer, J.
 Spencer, J.
 Spencer, J.
 Spillman,
 Spinney,
 Spitzer, G.

- Smith, E. O., 15.
 Smith, F., 21.
 Smith, F. H., 62.
 Smith, G., 38.
 Smith, G. A., 49.
 Smith, G. E. P., 10.
 Smith, H., 68.
 Smith, H. F., 25.
 Smith, H. M., jr., 69.
 Smith, H. R., 44.
 Smith, I. W., 54.
 Smith, J. B., 47, 48.
 Smith, J. E. (Kans.), 27.
 Smith, J. E. (Md.), 34.
 Smith, J. T., 72.
 Smith, L., 30.
 Smith, L. B., 60.
 Smith, L. H., 21, 22.
 Smith, M. E., 9.
 Smith, M. L., 36, 37.
 Smith, M. M., 25.
 Smith, O. C., 15.
 Smith, P. H., 35.
 Smith, R., 42.
 Smith, R. E. (Cal.), 12.
 Smith, R. E. (Iowa), 25.
 Smith, R. F., 66.
 Smith, R. G., 22.
 Smith, R. I., 52.
 Smith, R. O., 47.
 Smith, W. B., 31.
 Smith, W. G., 19.
 Smith, W. O., 20.
 Smith, W. W., 23.
 Smyth, E. A., jr., 70.
 Smyth, E. G., 70.
 Snelgrove, I. P., 36.
 Snelling, C. M., 18.
 Snodgrass, A. D., 41.
 Snodgrass, M. D., 4, 9.
 Snow, C. M., 72.
 Snow, F. C., 43.
 Snow, L. F., 29.
 Snyder, A. H., 25.
 Snyder, J. L., 5, 35, 36.
 Snyder, W. P., 45.
 Sommers, S. L., 4.
 Sorley, L. S., 30.
 Sorrell, E. W., 31.
 Soule, A. M., 5, 6, 18.
 Southall, J. P. C., 7.
 Spain, W. W., 43.
 Spangler, S. M., 65.
 Sparks, D. A., 17.
 Sparks, E. E., 59.
 Sparks, H. W., 73.
 Spaulding, M. H., 43.
 Spear, A. E., 72.
 Spearing, J. H., 30.
 Spears, H. D., 29.
 Spence, D. W., 66.
 Spence, T. H., 33.
 Spencer, J. G., 40.
 Spencer, J. W., 51.
 Spencer, W. S., 62.
 Spillman, P. H., 59.
 Spinney, L. B., 24.
 Spitzer, G. W., 23.
 Sponsler, A. L., 26.
 Spragg, F. A., 37.
 Sprague, C. A., 52.
 Sprague, R. J., 32.
 Spriggs, W. A., 74.
 Spring, S. N., 14.
 Springer, C. W., 74.
 Spurway, C. H., 36.
 Squires, J. H., 48, 49.
 Stabler, A. L., 34.
 Stadtmueller, F. H., 14.
 Stahl, H. G., 62.
 Stahl, H. S., 70.
 Stallworth, H. W., 40.
 Standish, C. K., 66.
 Stanford, J. F., 11.
 Stange, C. H., 24, 26.
 Stangeland, C. E., 72.
 Stanley, C. H., 33.
 Stanley, L., 41.
 Stanton, E. W., 24.
 Stanton, P. H., 11.
 Stark, C. R., 39.
 Stark, W., 40.
 Stathers, M., 74.
 Stayer, E. S., 16.
 Stecker, H. F., 60.
 Stedman, J. M., 5.
 Steeb, C. E., 54.
 Steenbock, H., 75, 76.
 Stelzenmuller, J. G., 7.
 Stene, A. E., 62.
 Stephens, J., 43.
 Stephens, J. V., 18.
 Stephens, L., 25.
 Stephens, R. P., 18.
 Stephenson, C. F., 15.
 Stetson, C. B., 69.
 Stevens, A. T., 15.
 Stevens, F. C., 50.
 Stevens, F. D., 8.
 Stevens, F. L., 52.
 Stevens, Mrs. J. A., 72.
 Stevens, J. S., 32.
 Stevens, W. H., 15.
 Stevenson, E. L., 47.
 Stevenson, W. H., 25, 26.
 Stewart, A., 46.
 Stewart, C., 68.
 Stewart, C. E., 53.
 Stewart, E. D., 54.
 Stewart, F. C., 49.
 Stewart, H. W., 22.
 Stewart, J. H., 74.
 Stewart, J. P., 60.
 Stewart, J. S. (Ga.), 18.
 Stewart, J. S. (W.Va.), 73.
 Stewart, J. T., 5, 37, 38.
 Stewart, L. F., 57.
 Stewart, M. A., 74.
 Stewart, O. M., 41.
 Stewart, R., 68.
 Stickley, M. B., 51.
 Stinard, J. F., 60.
 Stockard, E. L., 52.
 Stocker, A., 57.
 Stocker, G. P., 49.
 Stockham, W. L., 54.
 Stocking, W. A., jr., 50, 51.
 Stockly, J. C., 15.
 Stockton, F., 48, 49.
 Stoddart, C. W., 75, 76.
 Stohl, L. N., 67.
 Stokes, N. B., 62.
 Stokes, W. B., 7.
 Stoll, R. C., 28.
 Stoltenberg, F. C., 64.
 Stone, A. L., 75, 76.
 Stone, C. W., 46.
 Stone, D. O., 27.
 Stone, E. A., 76.
 Stone, G. E., 35.
 Stone, H. S., 72.
 Stone, I. V., 33.
 Stone, J. F., 54.
 Stone, J. L., 50, 51.
 Stone, W. E., 5, 6, 23.
 Stoneburn, F. H., 15.
 Stoneking, J. B., 48, 49.
 Stoner, M. A., 77.
 Storm, A. Van, 25.
 Storms, A. B., 24.
 Storrs, L. J., 14.
 Stott, R. G., 36.
 Stouder, K. W., 27.
 Stout, O. V. P., 5, 44.
 Stout, R. L., 28.
 Stout, F. O., 29.
 Stover, A. P., 5.
 Stover, M. E., 12, 13.
 Strahan, C. M., 18.
 Straus, I. L., 33.
 Street, J. P., 14.
 Stryke, A. C., 51.
 Stuart, E. S., 59.
 Stubbs, J. E., 45.
 Stuckey, H. P., 18.
 Stumberg, C. H., 30.
 Stump, G., 27.
 Sturdevant, L. B., 44, 45.
 Sudro, W. F., 54.
 Sugden, G., 72.
 Suggs, D. C., 19.
 Sullivan, J. J., 45.
 Sulloway, R. W., 46.
 Summers, A. G., 24.
 Summers, H. E., 24, 26.
 Summers, J., 33.
 Summers, J. N., 35.
 Summey, G., jr., 52.
 Sunderland, J., jr., 45.
 Surface, F. M., 32.
 Sutherland, W. A., 48.
 Suzuki, S. K., 75, 76.
 Swanson, C. O., 28.
 Swanzey, F. M., 20.
 Swartwout, A. M., 42.
 Sweeney, M. P., 49.
 Sweeny, F. R., 63.
 Sweet, B., 20.
 Sweet, E. S., 20.
 Swenk, M. H., 44, 45.
 Swenson, M., 74.
 Swezey, O. H., 20.
 Swingle, D. B., 43.
 Swire, R. P., 30, 31.
 Switzler, I., 41.
 Sylvester, D. W., 25.
 Sylvester, W. W., 75, 76.
 Symons, T. B., 33.
 Sypherd, W. O., 16.
 Taft, L. R., 36, 37.
 Taft, W. H., 71.
 Taggart, L., 25.
 Taggart, W. G., 31.
 Tailby, G. W., 51.
 Tailby, G. W., jr., 50.
 Taillandier, G., 58.
 Taisne, T., 46.
 Tait, C. E., 5.
 Taliaferro, T. H., 33.
 Taliaferro, W. T. L., 33.
 Tallant, J. G., 46.
 Tallman, W. D., 43.
 Tanner, H. T., 41.
 Tanner, J. T., 31.
 Tartar, H. V., 59.
 Tartar, N., 58.
 Tate, D. L., 69.
 Tate, W. A., 9.
 Tatum, C. S., 66.
 Taubenhaus, J., 16.
 Taussig, R. J., 11.
 Tayloe, W. H., 8.
 Taylor, E., 26.
 Taylor, E. J., 72.
 Taylor, E. P., 42.
 Taylor, F. D., 46.
 Taylor, F. W., 46.
 Taylor, G. H., 45.
 Taylor, H. C., 75, 76.
 Taylor, H. L., 49.
 Taylor, J. R., 55.
 Taylor, L. L., 47.
 Taylor, L. M., 13, 14.
 Taylor, O. M., 49.
 Taylor, R. M., 36.
 Taylor, S. S., 34.
 Taylor, W. A., 6.
 Taylor, W. C., 4, 61.
 Taylor, W. J., 43.
 Teele, R. P., 5.
 Teeter, H. W., 51.
 Teetzel, C. T., 68.
 Temple, J. C., 18.
 Ten Eyck, A. M., 27, 28.
 Tenny, E. D., 20.
 Terrell, C. B., 28.
 Terrell, R. C., 29.
 Terrill, B. M., 69.
 Terry, F. W., 20.
 Terry, O. P., 23.
 Terry, W. K., 7.
 Tessman, W. O., 72.
 Test, E., 23.
 Thach, C. C., 7.
 Thackston, J. A., 17.
 Thatcher, G. W., 68.
 Thatcher, R. W., 72, 73.
 Theophile, E. M., 31.
 Thom, C., 15.
 Thom, C. C., 73.
 Thomas, A. T., 15.

- Thomas, D. W., 30.
 Thomas, E. K., 62.
 Thomas, G., 67.
 Thomas, J. L., 66.
 Thomas, M. (Ohio), 55.
 Thomas, M. (Utah), 67.
 Thomas, S. F., 65.
 Thomas, W. A., 63.
 Thomas, W. H., 66.
 Thomas, W. R., 13.
 Thompson, A. R., 4, 20.
 Thompson, A. S., 25.
 Thompson, B. L., 64.
 Thompson, C. A., 46.
 Thompson, C. D., 25.
 Thompson, E., 51.
 Thompson, F., 16.
 Thompson, F. F., 47.
 Thompson, G. A., 32.
 Thompson, G. W., 32.
 Thompson, H. B., 62.
 Thompson, H. C., 40.
 Thompson, J. B., 4, 19.
 Thompson, L., 46.
 Thompson, L. B., 19.
 Thompson, O. A., 54.
 Thompson, R. C., 27, 28.
 Thompson, R. E., 31.
 Thompson, T. T., 67.
 Thompson, W. O. (Ala.), 8.
 Thompson, W. O. (Ohio), 5, 6, 55.
 Thornber, J. J., 10.
 Thornber, W. S., 72, 73.
 Thorne, C. E., 56.
 Thornton, E. W., 7.
 Thornton, J. R., 30.
 Thrasher, G. B., 48.
 Thurtell, H., 45.
 Thwaits, F. C., 75.
 Tibert, G. L., 54.
 Tidball, V. J., 76.
 Tiebout, G., 30, 31.
 Tiffany, H. E., 16.
 Tilden, W., 25.
 Tillery, R. G., 31.
 Tillman, B. R., 62.
 Tillman, J. N., 10.
 Timblin, C., 72.
 Tinkey, K., 27.
 Tinsley, J. D., 48, 49.
 Titlow, C. R., 56.
 Titsworth, A. A., 47.
 Titsworth, J., 55.
 Titus, E. G., 68.
 Tobin, H. H., 58.
 Todd, C. C., 73.
 Todd, P., 48.
 Tompkins, D. A., 51.
 Tompkins, D. G., 25.
 Tompson, H. F., 35.
 Toomer, J. E., 60, 61.
 Tormey, J. L., 75, 76.
 Totman, W. M., 75, 76.
 Tottingham, W. E., 75, 76.
 Tourgee, C. H., 11.
 Tourtellot, I. A., 72.
 Towar, J. D., 77.
 Tower, G. E., 32.
 Tower, M. L., 36.
 Tower, W. V., 4, 61.
 Townsend, H. L., 72.
 Townsend, J. A., 72.
 Townsend, M. E., 46.
 Tracy, N., 24.
 Trash, J. A., 18.
 Treman, C. E., 49.
 Treman, R. H., 49.
 Trescot, K. B., 63.
 Trewin, J. E., 24.
 Trigg, E. P., 34.
 Trigg, F., 34.
 Trimble, R. E., 13, 14.
 Trimble, W. J., 54.
 Troeger, L. E., 25.
 Troop, J., 23.
 Trotman, J. F., 74.
 Trout, E. D., 10.
 Trowbridge, E. A., 41, 42.
 Trowbridge, P. F., 41, 42.
 Troy, H. C., 51.
 True, A. C., 4, 5, 6, 9, 19, 20, 61.
 True, G. H., 5, 45.
 Trueblood, R. B., 23.
 Trueman, J. M., 15.
 Trumbull, R. S., 44, 45.
 Truog, E., 75, 76.
 Truscott, F. W., 74.
 Tuck, C. H., 50.
 Tucker, H. McK., 52.
 Tucker, J. R., 11.
 Tucker, R. L., 39.
 Tudor, J. H., 60.
 Tulane, V. H., 8.
 Tull, C. C., 20.
 Tullis, R. L., 30.
 Tulloss, J. O., 26.
 Tunnell, E. W., 16.
 Tupes, H., 41.
 Tupper, F., 69.
 Turner, A. A., 9.
 Turner, H. B., 71.
 Turner, J. D., 29.
 Turner, L. G., 65.
 Turner, M. M., 34.
 Turner, W. D., 51.
 Turner, W. F., 7, 8.
 Turpeau, L. A., 34.
 Turpin, G. M., 68.
 Turrell, C. A., 10.
 Tuthill, J. E., 29.
 Tuttle, F. E., 28.
 Twiss, W. B., 47.
 Twitchell, M. W., 72.
 Tyler, M. H., 62.
 Ueland, L. A., 53.
 Ulio, J., 53.
 Ulmann, K. A., 44.
 Ulsamer, M., 72.
 Umberger, H. J., 59.
 Underwood, E. E., 29.
 Upson, I. S., 47, 48.
 Urquhart, J., 72.
 Usher, S., 22.
 Utt, C. A. A., 27.
 Vail, C. E., 14.
 Valley, O., 27.
 Van Alstine, E., 22.
 Vanatter, P. O., 18.
 Van Auken, C. H., 51.
 Vance, J. I., 47.
 Van Cleef, M., 49.
 Van Darthard, M., 9.
 Van Deusen, M. C., 58.
 Vandiver, M., 33.
 Van Dyck, F. C., 47.
 Van Es, L., 54.
 Van Hise, C. R., 6, 75.
 Van Hoose, L. A., 8.
 Van Leenhoff, J. W., 4, 61.
 Van Liew, M. S., 58.
 Van Meter, A., 22.
 Van Norman, H. E., 59, 60.
 Van Rensselaer, M., 50.
 Van Slyke, L. L., 49.
 Van Steenburgh, W. H., 47.
 Van Storm, A., 25.
 Vanstory, C. M., 53.
 Van Zile, M. P., 27.
 Vaplon, W. E., 14.
 Varnum, C. A., 32.
 Vaughan, H. E., 72.
 Vaughan, H. W., 55.
 Vaughan, J. H., 48.
 Vaughn, E. C., 29.
 Vaulx, J. R., 25.
 Vawter, C. E., 70.
 Vedder, H. K., 36.
 Vennum, V. C., 44.
 Vernon, J. J., 17.
 Vincent, C. C., 59.
 Vinson, A. E., 10.
 Vivian, A., 55.
 Vivian, C. A., 9.
 Volck, W. H., 12, 13.
 Von Ende, C., 20.
 Voorhees, E. B., 6, 47, 48.
 Voorhees, F. M., 47.
 Voorhees, J. F., 65.
 Votey, J. W., 69.
 Vought, S. W., 65.
 Vredenburg, W. H., 47.
 Vroom, G. D. W., 47.
 Vye, J. A., 38, 39.
 Wabnitz, L., 27.
 Wachter, H. M., 56.
 Wade, C. I., 69, 70.
 Waggener, R. L., 9.
 Wagner, H., 24.
 Wagner, J., 24.
 Waggoner, E. W., 73.
 Waid, E. D., 55.
 Wainwright, T. L., 39.
 Wait, C. E., 65.
 Waite, R. H., 62.
 Walcott, W. H., 9.
 Walden, B. H., 14.
 Waldo, C. H., 57.
 Waldron, C. B., 53, 54.
 Waldron, E. W., 10.
 Waldron, J. W., 20.
 Waldron, L. R., 54.
 Waldron, M. M., 71.
 Wale, J. H., 20.
 Walker, A. T., 42.
 Walker, E., 10, 11.
 Walker, E. S., 17.
 Walker, G. W., 70.
 Walker, J. A., 7.
 Walker, L. L., 28.
 Walker, L. S., 35.
 Walker, W. H., 59.
 Walker, W. L., 68.
 Wallace, J. S., 40.
 Wallace, R. C. E., 56.
 Wallace, W. H., 35.
 Waller, C. H., 67.
 Waller, O. L., 72, 73.
 Walsh, J. H., 33.
 Walster, H. L., 75, 76.
 Walther, H. L., 73.
 Walters, E. H., 68.
 Walters, J. D., 26.
 Wanamaker, O. D., 10.
 Wannamaker, J. E., 62.
 Warburg, P. M., 8.
 Ward, A. R., 12.
 Ward, C. E., 34.
 Ward, H. B., 21.
 Ward, J. B., 48.
 Wardall, R. A., 55.
 Warner, F., 27.
 Warner, F. M., 35.
 Warren, G. F., 50, 51.
 Warren, G. M., 5.
 Warren, J. W., 19.
 Wartmann, E. L., 16, 17.
 Washburn, F. L., 37, 38, 39.
 Washburn, R. M., 69.
 Washburn, W. F., 32.
 Washington, A., 72.
 Washington, B. T., 8, 9.
 Washington, Mrs. B. T., 9.
 Wason, E. H., 46.
 Waterbury, I. R., 35.
 Waterbury, L. A., 10.
 Waters, H. J., 5, 26.
 Wathen, R. N., 28.
 Watkins, B. H., 23.
 Watkins, F. B., 30.
 Watkins, L. J., 9.
 Watkins, O. S., 22.
 Watson, E. J. (La.), 31.
 Watson, E. J. (R. I.), 61.
 Watson, I., 31.
 Watson, J. P., 25.
 Watson, J. V., 61.
 Watters, C., 25.
 Watts, R. J., 35.
 Watts, R. L., 60.
 Waugh, F. A., 34, 35.
 Waugh, L., 60.
 Weakley, C. E., jr., 74.
 Weatherford, J. K., 57.
 Webb, G. A., 13.
 Webb, J. H., 1.
 Webb, R. D.,
 Webb, W. S. (C.
 Webb, W. S. (C.
 Webber, H. J.
 Webber, W. F.
 Weber, H. A.,
 Webster, E. F.
 Webster, R. I.
 Webster, S. H.
 Weddell, F. J.
 Weeks, A. D.
 Weeks, E., 27.
 Weeks, F. B.
 Wegner, E. E.
 Weifenbach,
 Weir, W. W. (C.
 5.
 Weir, W. W.
 Welborn, W.
 Weldon, G. F.
 Wellington, C.
 Wellington, J.
 Wellington, J.
 Wells, A. A.,
 Welsh, J. P.,
 Welton, F. A.
 Weniger, W.
 Wentling, J.
 Wentworth,
 Werber, E. I.
 Wergeland,
 Werthmueller,
 Wessels, P. I.
 West, F. L.,
 West, G. E.,
 West, R. M.
 Westgate, V.
 Westinghouse,
 Weston, C. I.
 Weyman, J.
 Wheeler, B.
 Wheeler, C.
 Wheeler, G.
 Wheeler, H.
 Wheeler, H.
 Wheeler, H.
 Wheeler, W.
 Wheeler, W.
 Wheeler, X.
 Whelan, J.
 Whetzel, H.
 Whipper, I.
 Whipple, F.
 Whipple, I.
 Whipple, C.
 Whitaker,
 White, A. I.
 White, A. I.
 White, B.,
 White, C. I.
 White, D.

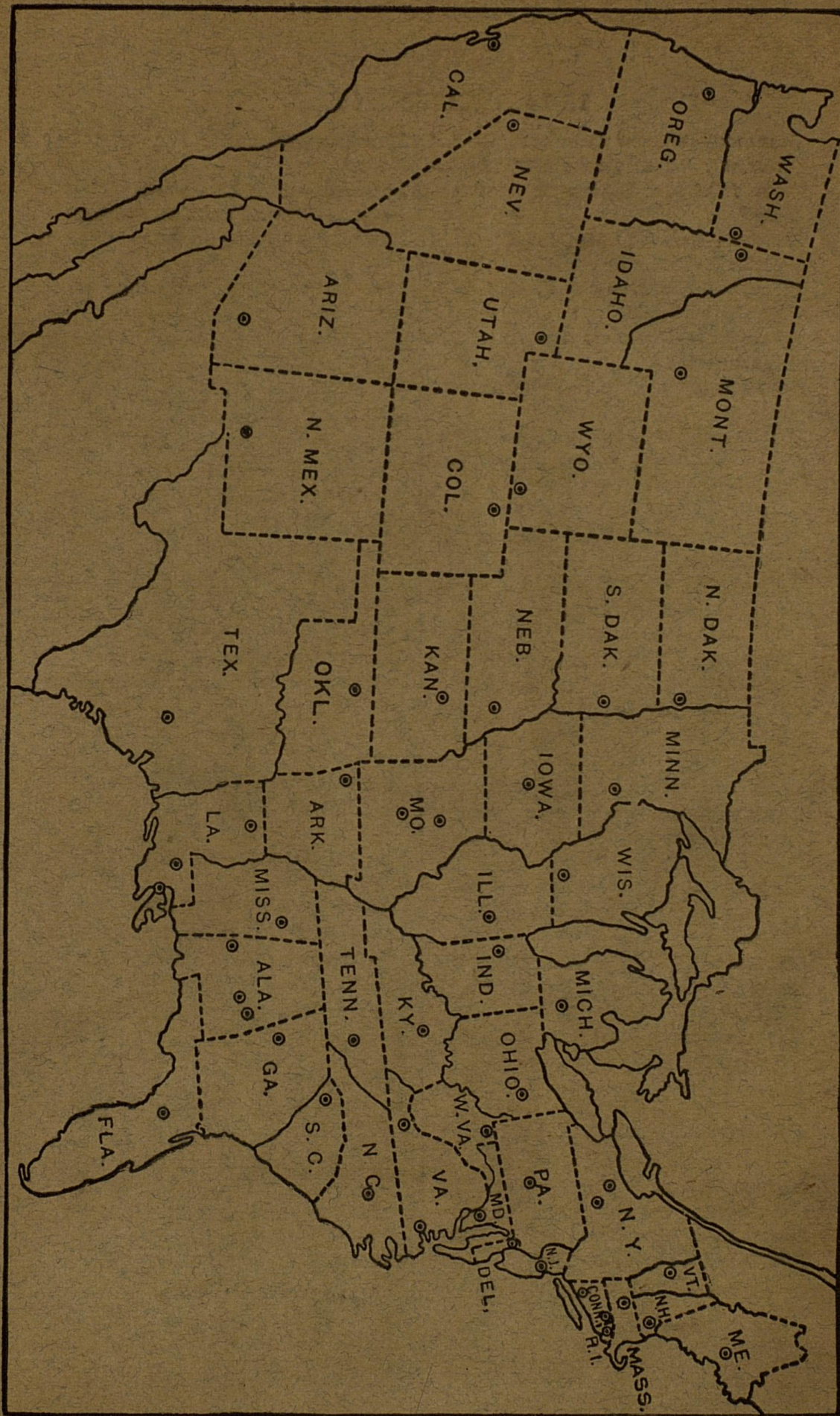
- Webb, J. H., 14.
 Webb, R. D., 7.
 Webb, W. S. (Ky.), 29.
 Webb, W. S. (Vt.), 68.
 Webber, H. J., 50, 51.
 Webber, W. P., 57.
 Weber, H. A., 55.
 Webster, E. H., 26, 28.
 Webster, R. L., 26.
 Webster, S. H., 62.
 Weddell, F. J., 39.
 Weeks, A. D., 54.
 Weeks, E., 27.
 Weeks, F. B., 14.
 Wegner, E. E., 72.
 Weifenbach, F., 76.
 Weir, W. W. (U. S. D. A.), 5.
 Weir, W. W. (Wis.), 76.
 Welborn, W. C., 66.
 Weldon, G. P., 14.
 Wellington, C., 35.
 Wellington, J. W., 69.
 Wellington, R., 49.
 Wells, A. A., 26.
 Welsh, J. P., 59.
 Welton, F. A., 56.
 Weniger, W., 58.
 Wentling, J. P., 38.
 Wentworth, E. N., 25, 26.
 Werber, E. I., 48, 49.
 Wergeland, A. M., 77.
 Werthmueller, F. R., 20.
 Wessels, P. H., 62.
 West, F. L., 68.
 West, G. E., 49.
 West, R. M., 38, 39.
 Westgate, V. V., 44.
 Westinghouse, H. H., 50.
 Weston, C. P., 32.
 Weyman, J., 9.
 Wheeler, B. I., 11.
 Wheeler, C. A., 15.
 Wheeler, G. O., 27.
 Wheeler, H. C., 22.
 Wheeler, H. H., 9.
 Wheeler, H. J., 6, 61, 62.
 Wheeler, W., 34.
 Wheeler, W. P., 49.
 Wheeler, X., 65.
 Whelan, J. B., 27.
 Whetzel, H. H., 50, 51.
 Whipper, I. R., 74.
 Whipple, F. R., 74.
 Whipple, L. F., 62.
 Whipple, O. B., 43.
 Whitaker, V., 41.
 White, A. D., 49.
 White, A. E., 27.
 White, B., 72.
 White, C. H., 35.
 White, D. S., 55.
 White, E., 56.
 White, E. A. (Ill.), 21.
 White, E. A. (Mass.), 35.
 White, E. N., 55.
 White, F., 76.
 White, G. B., 63.
 White, H. B., 38.
 White, H. C., 6, 18.
 White, H. L., 54.
 White, H. V., 59.
 White, J. G. (Ky.), 28.
 White, J. G. (Pa.), 59.
 White, J. M., 39.
 White, J. W., 60, 61.
 White, O., 64.
 White, O. K., 36.
 White, P. J., 50, 51.
 White, S., 72.
 White, T. H., 33.
 White, W. J., 73.
 Whitecotton, J. W. N., 67.
 Whitehill, A. R., 73.
 Whiteman, J. H., 15.
 Whiting, A. L., 62.
 Whitman, C. H., 47.
 Whitmore, W. G., 43.
 Whitney, E. M., 15.
 Whitney, I. P., 72.
 Whitridge, G. B., 38.
 Whitsett, A. T., 53.
 Whitson, A. R., 75, 76.
 Whittemore, G. A., 60.
 Whitten, J. C., 41, 42.
 Whittier, A. C., 56.
 Whoriskey, R., jr., 46.
 Wiancko, A. T., 23.
 Wiar, P., 57.
 Wiatt, J. E., 7.
 Wicks, W. H., 20, 21.
 Wickson, E. J., 11, 12.
 Widtsoe, J. A., 67.
 Wignall, C. L., 66.
 Wilborn, A. J., 8.
 Wilbur, W. E., 32.
 Wilcox, A. B., 66.
 Wilcox, E. M. (Nebr.), 44.
 Wilcox, E. M. (S. Dak.), 64.
 Wilcox, E. V., 4, 20.
 Wilcox, R. M., 48.
 Wiley, H. W., 6.
 Wiley, R. C., 27, 28.
 Wilken, F. A., 37.
 Wilkinson, J. A., 8.
 Wilkinson, R. S., 63.
 Willard, D. E., 54.
 Willard, J. M., 59.
 Willard, J. T., 6, 26, 28.
 Willcox, W. G., 8.
 Williams, C. B., 52.
 Williams, C. G., 56.
 Williams, E. H., 72.
 Williams, E. L., 50.
 Williams, F., 45.
 Williams, H. E., 74.
 Williams, J. E., 70.
 Williams, L. F., 52.
 Williams, M. B., 5.
 Williams, P. F., 7, 8.
 Williams, R. B., 49.
 Williams, W. M., 58.
 Williams, W. R., 53.
 Williamson, C. S., jr., 7, 8.
 Williamson, G. F., 36.
 Williamson, L. H., 48.
 Willis, C. (Kans.), 27.
 Willis, C. (S. Dak.), 64.
 Willson, A. E., 28.
 Willson, C. A., 41, 42.
 Wilmore, J. J., 7.
 Wilson, A. D., 38, 39.
 Wilson, A. H., 7.
 Wilson, C. S., 50, 51.
 Wilson, E., 46.
 Wilson, E. E., 57.
 Wilson, E. M., 19.
 Wilson, F. D., 70.
 Wilson, F. W., 10.
 Wilson, H. S., 34.
 Wilson, J., 24, 33.
 Wilson, J. K., 49.
 Wilson, J. W. (Ark.), 11.
 Wilson, J. W. (S. Dak.), 64.
 Wilson, L. B., 34.
 Wilson, R. F., 56.
 Wilson, R. H., 27, 28.
 Wilson, S. M., 73.
 Wilson, T., 37.
 Wilson, T. B., 49, 50.
 Wilson, V. E., 36.
 Wilson, W. M. (Conn.), 15.
 Wilson, W. M. (N. Y.), 51.
 Wing, H. H., 50, 51.
 Wingert, H. S., 56.
 Winslow, E. B., 32.
 Winslow, W. F., 31.
 Winter, M. K., 43.
 Winters, R. Y., 17.
 Withers, W. A., 6, 52.
 Withycombe, J., 58.
 Withycombe, R., 59.
 Woll, F. W., 6, 75, 76.
 Wood, C. W., 9.
 Woodard, C. S., 42.
 Woodbury, C. G., 23.
 Woodford, S. L., 49.
 Woodman, F. W., 41, 42.
 Woodman, L. E., 32.
 Woodruff, O., 48.
 Woodruff, W. B., 67.
 Woods, A. F., 37, 38, 39.
 Woods, C. D., 6, 32.
 Woods, H. M., 32.
 Woodward, C. H., 27.
 Woodward, J. A., 59.
 Woodward, S. M., 5.
 Woodward, T. E., 68.
 Woodworth, C. W., 12.
 Woofter, T. J., 18.
 Woosley, H. C., 29.
 Wooten, O. B., 66.
 Wooton, E. O., 48, 49.
 Wooton, L. L., 11.
 Working, D. W., 74.
 Wornall, T. J., 41.
 Worst, J. H., 53, 54.
 Worth, P. S., 60.
 Worthen, E. L., 53.
 Worthington, E. F., 29.
 Wright, A. L., 60.
 Wright, J. O. (Fla.), 18.
 Wright, J. O. (U. S. D. A.), 5.
 Wright, L. L., 35.
 Wright, R. G., 47.
 Wright, R. J., 9.
 Wright, R. R., 19.
 Wright, T. R. H., 27, 28.
 Wright, W. H., 75, 76.
 Wright, W. J., 60, 61.
 Wright, W. R., 57.
 Wuebker, C. L., 36.
 Wyckoff, W. F., 47.
 Wyman, A. P., 22.
 Wyse, B. A., 56.
 Yarnell, D. L., 5.
 Yates, C. E., 41.
 Yates, H. E., 44.
 Yates, J. S., 42.
 Yates, J. W., 9.
 Yates, R. E. L., 52.
 Yeaw, F. L., 12.
 Yoder, M. M., 19.
 Yoder, P. A., 31.
 Yoder, W. A., 53, 54.
 Yonge, P. K., 16, 17.
 Yorke, P. C., 11.
 Yothers, M. A., 36, 37.
 Young, G. S., 64.
 Young, H. D., 11.
 Young, J. M., 19.
 Young, J. S. E., 52.
 Young, N. B., 17.
 Youngburg, G. E., 64.
 Zackheim, I., 57.
 Zeeuw, R. de, 36.
 Zeininger, D., 27.
 Zembrod, A. C., 29.
 Ziefle, A., 54.
 Zile, M. P. Van, 27.
 Zimmer, M. V., 44.
 Zimmerman, M., 25.
 Zook, G. F., 60.

THE AGRICULTURAL COLLEGES.

- ALABAMA—*Auburn*: Charles C. Thach.^a
Normal: W. L. Buchanan.^a *Tuskegee Institute*: Booker T. Washington.^b
- ARIZONA—*Tucson*: Kendric C. Babcock.^a
- ARKANSAS—*Fayetteville*: J. N. Tillman.^a
- CALIFORNIA—*Berkeley*: Benjamin Ide Wheeler.^a
- COLORADO—*Fort Collins*: Chas. A. Lory.^a
- CONNECTICUT—*Storrs*: C. L. Beach.^a
- DELAWARE—*Newark*: Geo. A. Harter.^a
Dover: W. C. Jason.^a
- FLORIDA—*Gainesville*: A. A. Murphree.^a *Tallahassee*: Nathan B. Young.^a
- GEORGIA—*Athens*: Andrew M. Soule.^a
Savannah: R. R. Wright.^a
- HAWAII—*Honolulu*: J. W. Gilmore.^a
- IDAHO—*Moscow*: J. A. MacLean.^a
- ILLINOIS—*Urbana*: E. J. James.^a
- INDIANA—*Lafayette*: Winthrop Ellsworth Stone.^a
- IOWA—*Ames*: Albert Boynton Storms.^a
- KANSAS—*Manhattan*: H. J. Waters.^a
- KENTUCKY—*Lexington*: J. K. Patterson.^a *Frankfort*: J. H. Jackson.^a
- LOUISIANA—*Baton Rouge*: Thos. D. Boyd.^a *New Orleans*: H. A. Hill.^a
- MAINE—*Orono*: George Emory Fellows.^a
- MARYLAND—*College Park*: R. W. Silvester.^a *Princess Anne*: Frank Trigg.^b
- MASSACHUSETTS—*Amherst*: Kenyon L. Butterfield.^a
- MICHIGAN—*East Lansing*: J. L. Snyder.^a
- MINNESOTA—*St. Anthony Park, St. Paul*: Cyrus Northrop.^a
- MISSISSIPPI—*Agricultural College*: J. C. Hardy.^a *Alcorn*: L. J. Rowan.^a
- MISSOURI—*Columbia*: Albert R. Hill.^a
Jefferson City: B. F. Allen.^a
- MONTANA—*Bozeman*: Jas. M. Hamilton.^a
- NEBRASKA—*Lincoln*: Samuel Avery.^c
- NEVADA—*Reno*: Joseph E. Stubbs.^a
- NEW HAMPSHIRE—*Durham*: Wm. D. Gibbs.^a
- NEW JERSEY—*New Brunswick*: W. H. S. Demarest.^a
- NEW MEXICO—*Agricultural College*: W. E. Garrison.^a
- NEW YORK—*Ithaca*: H. J. Webber.^d
- NORTH CAROLINA—*West Raleigh*: D. H. Hill.^a *Greensboro*: James B. Dudley.^a
- NORTH DAKOTA—*Agricultural College*: J. H. Worst.^a
- OHIO—*Columbus*: William Oxley Thompson.^a
- OKLAHOMA—*Stillwater*: J. H. Connell.^a
Langston: Inman E. Page.^a
- OREGON—*Corvallis*: W. J. Kerr.^a
- PENNSYLVANIA—*State College*: Edwin E. Sparks.^a
- RHODE ISLAND—*Kingston*: Howard Edwards.^a
- SOUTH CAROLINA—*Clemson College*: W. M. Riggs.^e *Orangeburg*: Thomas E. Miller.^a
- SOUTH DAKOTA—*Brookings*: R. L. Slagle.^a
- TENNESSEE—*Knoxville*: Brown Ayres.^a
- TEXAS—*College Station*: R. T. Milner.^a
Prairieview: E. L. Blackshear.^b
- UTAH—*Logan*: J. A. Widtsoe.^a
- VERMONT—*Burlington*: M. H. Buckingham.^a
- VIRGINIA—*Blacksburg*: P. B. Barringer.^a *Hampton*: H. B. Frissell.^b
- WASHINGTON—*Pullman*: E. A. Bryan.^a
- WEST VIRGINIA—*Morgantown*: D. B. Purinton.^a *Institute*: Byrd Prillerman.^a
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- WYOMING—*Laramie*: Chas. O. Merica.^a

^a President. ^b Principal. ^c Chancellor. ^d Acting dean. ^e Acting president.

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THE AGRICULTURAL EXPERIMENT STATIONS OF THE UNITED STATES.

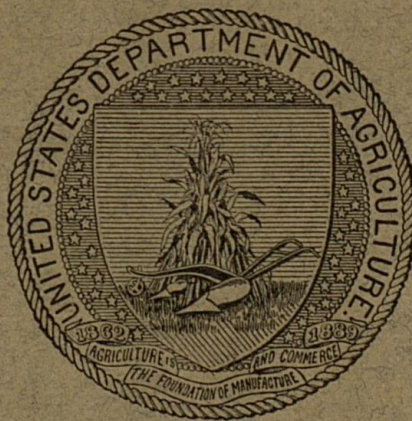
U. S. DEPARTMENT OF AGRICULTURE.

OFFICE OF EXPERIMENT STATIONS—BULLETIN 233.

A. C. TRUE, Director.

ORGANIZATION LISTS OF THE
AGRICULTURAL COLLEGES AND
EXPERIMENT STATIONS
IN THE UNITED STATES.

DECEMBER, 1910.



WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1911.

U. S. DEPARTMENT OF AGRICULTURE.

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THE AGRICULTURAL EXPERIMENT STATIONS.

ALABAMA—

College Station: *Auburn*; J. F. Duggar.^a
Canebrake Station: *Uniontown*; F. D. Stevens.^a

Tuskegee Station: *Tuskegee*; G. W. Carver.^a

ALASKA—*Sitka*; C. C. Georgeson.^b

ARIZONA—*Tucson*; R. H. Forbes.^a

ARKANSAS—*Fayetteville*; C. F. Adams.^a

CALIFORNIA—*Berkeley*; E. J. Wickson.^a

COLORADO—*Fort Collins*; C. P. Gillette.^a

CONNECTICUT—

State Station: *New Haven*; E. H. Jenkins.^a

Storrs Station: *Storrs*; L. A. Clinton.^a

DELAWARE—*Newark*; H. Hayward.^a

FLORIDA—*Gainesville*; P. H. Rolfs.^a

GEORGIA—*Experiment*; Martin V. Calvin.^a

GUAM—*Island of Guam*; J. B. Thompson.^b

HAWAII—

Federal Station: *Honolulu*; E. V. Wilcox.^b

Sugar Planters' Station: *Honolulu*; C. F. Eckart.^a

IDAHO—*Moscow*; W. L. Carlyle.^a

ILLINOIS—*Urbana*; E. Davenport.^a

INDIANA—*Lafayette*; A. Goss.^a

IOWA—*Ames*; C. F. Curtiss.^a

KANSAS—*Manhattan*; E. H. Webster.^a

KENTUCKY—*Lexington*; M. A. Scovell.^a

LOUISIANA—

State Station: *Baton Rouge*;

Sugar Station: *Audubon*

Park, New Orleans;

North La. Station: *Calhoun*;

Rice Station: *Crowley*;

MAINE—*Orono*; C. D. Woods.^a

MARYLAND—*College Park*; H. J. Patterson.^a

MASSACHUSETTS—*Amherst*; W. P. Brooks.^a

MICHIGAN—*East Lansing*; R. S. Shaw.^a

MINNESOTA—*University Farm, St. Paul*; A. F. Woods.^a

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^a Director.

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College Station: *Columbia*; F. B. Mumford.^a

Fruit Station: *Mountain Grove*; Paul Evans.^a

MONTANA—*Bozeman*; F. B. Linfield.^a

NEBRASKA—*Lincoln*; E. A. Burnett.^a

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NEW HAMPSHIRE—*Durham*; J. C. Kendall.^a

NEW JERSEY—*New Brunswick*; E. B. Voorhees.^a

NEW MEXICO—*Agricultural College*; Luther Foster.^a

NEW YORK—

State Station: *Geneva*; W. H. Jordan.^a

Cornell Station: *Ithaca*; L. H. Bailey.^a

NORTH CAROLINA—

College Station: *West Raleigh*; C. B. Williams.^a

State Station: *Raleigh*; B. W. Kilgore.^a

NORTH DAKOTA—*Agricultural College*; J. H. Worst.^a

OHIO—*Wooster*; C. E. Thorne.^a

OKLAHOMA—*Stillwater*; J. A. Wilson.^a

OREGON—*Corvallis*; J. Withycombe.^a

PENNSYLVANIA—

State College: *T. F. Hunt*.^a

State College: *Institute of Animal Nutrition*,
H. P. Armsby.^a

PORTO RICO—*Mayaguez*; D. W. May.^b

RHODE ISLAND—*Kingston*; H. J. Wheeler.^a

SOUTH CAROLINA—*Clemson College*; J. N. Harper.^a

SOUTH DAKOTA—*Brookings*; J. W. Wilson.^a

TENNESSEE—*Knoxville*; H. A. Morgan.^a

TEXAS—*College Station*; H. H. Harrington.^a

UTAH—*Logan*; E. D. Ball.^a

VERMONT—*Burlington*; J. L. Hills.^a

VIRGINIA—

Blacksburg; S. W. Fletcher.^a

Norfolk; Truck Station, T. C. Johnson.^a

WASHINGTON—*Pullman*; R. W. Thatcher.^a

WEST VIRGINIA—*Morgantown*; J. H. Stewart.^a

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WYOMING—*Laramie*; H. G. Knight.^a

^b Special agent in charge.

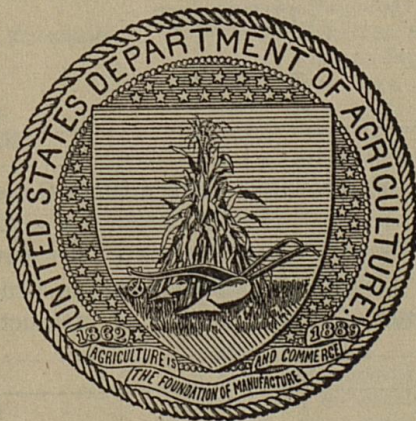
U. S. DEPARTMENT OF AGRICULTURE.

OFFICE OF EXPERIMENT STATIONS—BULLETIN 233.

A. C. TRUE, Director.

ORGANIZATION LISTS OF THE
AGRICULTURAL COLLEGES AND
EXPERIMENT STATIONS
IN THE UNITED STATES.

DECEMBER, 1910.



WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1911.

LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF EXPERIMENT STATIONS,
Washington, D. C., October 24, 1910.

SIR: I have the honor to transmit herewith a manuscript containing the revised organization lists of agricultural colleges and experiment stations in the United States, which has been compiled, under my direction, by Miss Mary A. Agnew, of this Office.

In compiling these lists it has been our policy to include only the names of administrative officers and instructors whose work brings them in contact with students in agricultural and home economics courses, omitting those who deal exclusively with mechanic arts or engineering students; but, as formerly, it has in some cases been found impracticable, owing to the complex organization of the institutions concerned, to make the lists entirely consistent.

I recommend the publication of this manuscript as Bulletin 233 of this Office.

Respectfully,

A. C. TRUE,
Director.

Hon. JAMES WILSON,
Secretary of Agriculture.

CONTENTS.

	Page.
Key to abbreviations.....	3
The Office of Experiment Stations.....	4
Officers of the Association of American Agricultural Colleges and Experiment Stations.....	6
Officers of the American Association of Farmers' Institute Workers.....	6
Agricultural colleges and experiment stations in the United States, with governing boards, courses of study, boards of instruction, and station staffs.....	7
Index of names.....	83

KEY TO ABBREVIATIONS.

<i>Acad.</i> , Academy, Academic.	<i>Instr.</i> , Instruction, Instructor.
<i>Acct.</i> , Accountant, Accounts.	<i>Invest.</i> , Investigations.
<i>Actg.</i> , Acting.	<i>Irrig.</i> , Irrigation, Irrigationist.
(<i>Actg.</i>), Acting Professor.	<i>Lab.</i> , Laboratory.
(<i>Adjunct</i>), Adjunct Professor.	<i>Lang.</i> , Language, Languages.
<i>Agr.</i> , Agriculture, Agriculturist, Agricultural.	<i>Lat.</i> , Latin.
<i>Agron.</i> , Agronomy, Agronomist.	<i>Lect.</i> , Lecturer.
<i>Agt.</i> , Agent.	<i>Libr.</i> , Library, Librarian.
<i>Anal.</i> , Analytical, Analysis.	<i>Lit.</i> , Literature.
<i>Anat.</i> , Anatomy.	<i>Mach.</i> , Machine, Machinery, Machinist.
<i>Archi.</i> , Architecture.	<i>Math.</i> , Mathematics.
<i>Arith.</i> , Arithmetic.	<i>Mech.</i> , Mechanics, Mechanician, Mechanical.
<i>Assoc.</i> , Associate.	<i>Met.</i> , Meteorology, Meteorologist.
(<i>Assoc.</i>), Associate Professor.	<i>Metal.</i> , Metallurgy.
<i>Asst.</i> , Assistant.	<i>Mfg.</i> , Manufacturing.
(<i>Asst.</i>), Assistant Professor.	<i>Mgr.</i> , Manager.
<i>Astron.</i> , Astronomy.	<i>Mil.</i> , Military.
<i>Bact.</i> , Bacteriology, Bacteriologist.	<i>Min.</i> , Mineralogy, Mineralogist, Mining.
<i>Bibliog.</i> , Bibliography, Bibliographer.	<i>Mod.</i> , Modern.
<i>Biol.</i> , Biology, Biologist, Biological.	<i>Myc.</i> , Mycology, Mycologist.
<i>Blacksm.</i> , Blacksmithing.	<i>Nat.</i> , Natural.
<i>Bot.</i> , Botany, Botanist, Botanical.	<i>Nutr.</i> , Nutrition.
<i>Chair.</i> , Chairman.	<i>Oler.</i> , Olericulture, Olericulturist.
<i>Chem.</i> , Chemist, Chemistry, Chemical.	<i>Org.</i> , Organic.
<i>Climat.</i> , Climatology, Climatologist.	<i>Ornith.</i> , Ornithology.
<i>Comdt.</i> , Commandant.	<i>Path.</i> , Pathology, Pathologist.
<i>Coml.</i> , Commercial.	<i>Pedag.</i> , Pedagogy, Pedagogics.
<i>Comp.</i> , Comparative.	<i>Pharm.</i> , Pharmacy, Pharmacist, Pharmaceutical.
<i>Comr.</i> , Commissioner.	<i>Philos.</i> , Philosophy.
<i>Corresp.</i> , Correspondence, Correspondent.	<i>Photog.</i> , Photography.
<i>Dept.</i> , Department.	<i>Phys.</i> , Physics, Physicist, Physical.
<i>Dir.</i> , Director.	<i>Physiol.</i> , Physiology, Physiologist, Physiological.
<i>Div.</i> , Division.	<i>Polit.</i> , Political.
<i>Dom.</i> , Domestic.	<i>Pomol.</i> , Pomology, Pomologist.
<i>Draw.</i> , Drawing.	<i>Pract.</i> , Practice, Practical, Practicums.
<i>Econ.</i> , Economy, Economic, Economics.	<i>Prep.</i> , Preparatory.
<i>Ed.</i> , Education.	<i>Pres.</i> , President.
<i>Ele.</i> , Elementary.	<i>Prin.</i> , Principal.
<i>Elect.</i> , Electrical, Electricity.	<i>Print.</i> , Printing.
<i>Engin.</i> , Engineer, Engineering.	<i>Prod.</i> , Production.
<i>Engl.</i> , English.	<i>Psych.</i> , Psychology.
<i>Ent.</i> , Entomology, Entomologist.	<i>Rhet.</i> , Rhetoric.
<i>Expt.</i> , Experiment, Experimental, Experimentalist, Experimenter.	<i>Sci.</i> , Science, Scientific.
<i>Ext.</i> , Extension.	<i>Sec.</i> , Secretary.
<i>Feed.</i> , Feeding.	<i>Sew.</i> , Sewing.
<i>Fert.</i> , Fertilizer.	<i>Sociol.</i> , Sociology.
<i>Flor.</i> , Floriculture, Florist.	<i>Sta.</i> , Station.
<i>For.</i> , Forestry.	<i>Sten.</i> , Stenography, Stenographer.
<i>Gard.</i> , Gardener, Gardening.	<i>Substa.</i> , Substation.
<i>Gen.</i> , General.	<i>Supt.</i> , Superintendent.
<i>Geog.</i> , Geography.	<i>Tech.</i> , Technology, Technical.
<i>Geol.</i> , Geology, Geologist, Geological.	<i>Treas.</i> , Treasurer.
<i>Gov.</i> , Governor.	<i>Typew.</i> , Typewriting, Typewriter.
<i>Hist.</i> , History, Historical.	<i>Univ.</i> , University.
<i>Hort.</i> , Horticulture, Horticulturist.	<i>V. Dir.</i> , Vice-Director.
<i>Husb.</i> , Husbandry, Husbandman.	<i>Veg.</i> , Vegetable, Vegetation.
<i>Hyg.</i> , Hygiene.	<i>Vet.</i> , Veterinary, Veterinarian.
<i>Indus.</i> , Industrial, Industries, Industry.	<i>Vit.</i> , Viticulture, Viticulturist.
<i>Inorg.</i> , Inorganic.	<i>V. Pres.</i> , Vice-President.
<i>Insp.</i> , Inspector, Inspection.	<i>Wheelwr.</i> , Wheelwrighting.
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^b In the service of the U. S. Department of Agriculture.

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^a Assigned by the Bureau of Soils, U. S. Department of Agriculture.

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Abbott, F.
Abbott, G.
Abbott, J.
Abbott, N.
Abbott, V.
Accola, J.
Acheson,
Ackerman
Adams, A.
Adams, C.
Adams, F.
Adams, G.
Adams, J.
Adams, J.
Adams, J.
Adams, M.
Ade, G.,
Aery, W.
Agee, A.,
Agee, H.
Ageton, C.
Ahearn, M.
Ahrends,
Aicher, L.
Aitkin, G.
Akerman
Alcock, J.
Alden, R.
Alderman
Aldrich, I.
Aldrich, J.
Alexande
Alexande
Alexande
Alexande
Mrs. C.
Aley, R.
Alford, F.
Alford, T.
Allen, A.
Allen, B.
Allen, C.
Allen, D.
Allen, E.
Allen, E.
Allen, H.
Allen, H.
Allen, L.
Allen, L.
Allen, R.
Allen, R.
Allen, R.
Allen, R.
Allen, W.
Allison, I.
Allison, I.
Allison, J.

INDEX OF NAMES.

- Abbott, F. D., 23.
Abbott, G. T., 59.
Abbott, J. B., 25.
Abbott, N. C., jr., 57.
Abbott, W. L., 22.
Accola, J., 80.
Acheson, R. P., 60.
Ackerman, J. H., 61.
Adams, A. A., 24.
Adams, C. F., 11.
Adams, F., 5.
Adams, G. E., 66.
Adams, J. L., 31.
Adams, J. Q., 72.
Adams, J. W., 15.
Adams, M., 48.
Ade, G., 24.
Aery, W. A., 76.
Agee, A., 6, 63, 64.
Agee, H. P., 32.
Ageton, C. N., 77.
Ahearn, M. F., 28.
Ahrends, A. E., 50.
Aicher, L. C., 21, 22.
Aitkin, G., 73.
Akerman, A., 19.
Alcock, J. R., 37.
Alden, R., 76.
Alderman, W. H., 52.
Aldrich, I. D., 68.
Aldrich, J. M., 21.
Alexander, A. S., 80, 81.
Alexander, C. O., 26.
Alexander, I., 71.
Alexander-Bahrenberg,
Mrs. C. T., 22.
Aley, R. J., 34.
Alford, F. C., 14.
Alford, T. G., 24.
Allen, A. A., 29.
Allen, B. F., 45.
Allen, C. S., 46.
Allen, D. M., 10.
Allen, E. A., 43.
Allen, E. W., 4, 6.
Allen, H. E., 24.
Allen, H. J., 37.
Allen, L., 47.
Allen, L. A., 44.
Allen, R. F., 38.
Allen, R. M., 31.
Allen, R. S., 35.
Allen, R. W., 63.
Allen, W. M., 55.
Allison, E., 25.
Allison, H. O., 43, 44.
Allison, J. H., jr., 27.
Allison, T. F. P., 69.
Alsop, J. W., 15.
Alvord, C. H., 70.
Alway, F. J., 46, 47.
Ames, C. T., 42.
Ames, J. W., 59.
Amison, E. E., 66.
Ammons, E. M., 13.
Anderson, A., 68.
Anderson, A. C., 38, 39.
Anderson, B. G., 75.
Anderson, C. B., 46.
Anderson, C. E., 17.
Anderson, C. L., 8.
Anderson, D. W., 37.
Anderson, H. C., 69.
Anderson, J. A., 51.
Anderson, J. N., 18.
Anderson, J. T., 8.
Anderson, L., 12, 13.
Anderson, R. E., 60.
Anderson, W., 34.
Anderson, W. B., 26.
Anderson, W. W., 48.
Andrews, A. L., 20.
Andrews, M. W., 74.
Ansel, M. F., 67.
Anspen, B. W., 42.
Anthony, R. D., 53, 54.
Anthony, S., 41.
Apperson, J. T., 61.
Appleman, C. O., 35.
Appleton, J. L., jr., 64.
Arbuthnot, J. G., 62.
Arkell, T. R., 48, 49.
Armsby, H. P., 6, 63, 65.
Armsby, S. P., 25.
Armstrong, A. E., 48.
Armstrong, F. A., 27.
Armstrong, F. F., 9.
Armstrong, F. L., 33.
Armstrong, L. E., 64.
Armstrong, R. A., 78.
Armstrong, R. P., 74.
Armwood, W. A., 18.
Arnett, C. N., 26.
Arnett, W. L., 79.
Arnold, C. L., 58.
Arnold, F. R., 72.
Arnot, G., 51.
Arny, A. C., 40, 41.
Arthur, J. C., 24, 25.
Arthur, M. J., 76.
Artley, H. B., 5.
Arville, Mrs. D. A., 26.
Arvold, A. G., 56.
Arzberger, E. G., 59.
Asbury, S. E., 71.
Ash, S. B., 57.
Ashby, R. C., 77, 78.
Ashley, E. L., 37.
Ashmore, O., 20.
Atherton, H. H., 64.
Atkeson, T. C., 78.
Atkins, J. A., 19.
Atkinson, A., 45, 46.
Atkinson, J. B., 30.
Atkinson, T. W., 32.
Attaway, D. E., 18.
Atwood, H., 79.
Aumer, J. P., 23.
Austin, A. D., 75.
Austin, G. J., 9.
Austin, Mrs. M., 11.
Auten, J. T., 71.
Auter, M. H., 17.
Averill, A. W., 34.
Averitt, S. D., 30, 31.
Avery, S., 6, 46.
Ayres, B., 6, 69.
Ayres, H. L., 53.
Babb, J. G., 43, 44.
Babcock, E. B., 12, 13.
Babcock, O. G., 35.
Babcock, S. M., 80, 81.
Babcock, W., 38.
Babson, H., 24.
Bach, L., 62.
Bachelder, N. J., 48.
Bachman, F., 81.
Back, E. A., 75.
Backus, L. S., 43, 44.
Baer, A. A., 47.
Bagley, J. B., 70.
Bahnsen, P. B., 7.
Bahrenberg, Mrs. C. T.
A., 22.
Bailey, D. E., 69.
Bailey, E. M., 15.
Bailey, E. W., 23, 24.
Bailey, L. H., 52, 54.
Bailey, S. M., 53.
Bain, S. McC., 69, 70.
Baird, R. O., 60, 61.
Baker, C. A., 14.
Baker, E. C., 38.
Baker, E. L., 52.
Baker, E. T., 77.
Baker, G. T., 25.
Baker, H. C., 64.
Baker, H. P., 63.
Baker, H. W., 30.
Baker, J. F., 38, 39.
Baker, J. H., 45.
Baker, L. W., 17.
Baker, M. B., 40.
Baker, W. C., 53.
Bakke, A. L., 26.
Balch, I. M., 76.
Baldwin, C. W., 35.
Baldwin, H. P., 21.
Baldwin, L., 45.
Baldwin, L. B., 62.
Baldwin, R. J., 38.
Ball, E. D., 72, 73.
Ball, L. H., 16.
Ball, O. M., 70.
Ballantyne, A. B., 73.
Ballard, W. R., 35.
Ballenger, T. T., 54.
Ballentine, M. F., 9.
Ballinger, F., 45.
Ballou, F. H., 59.
Ballou, H. M., 20.
Banks, D. L. F., 61.
Banks, E. M., 18.
Banks, N. A., 72.
Barbour, E. H., 47.
Barbour, E. L., 50.
Bard, T. R., 11.
Bardenwerper, K., 48.
Bareis, G. M., 58.
Bark, D. H., 5.
Barker, H. S., 30.
Barker, J. F., 26.
Barker, J. M., 74, 75.
Barker, P. B., 46, 47.
Barlow, B., 55.
Barlow, J., 66.
Barlow, T. W., 63.
Barlow, W. E., 75.
Barnes, C. L., 14.
Barnes, G., 28.
Barnes, K. W., 55.
Barnes, R. A., 45.
Barnes, R. B., 7.
Barnes, S. E., 70.
Barnett, E., 67.
Barnett, R. J., 28.
Barnhart, J. M., 24.
Barr, J. H., 52.
Barre, H. W., 67.
Barrell, E. P., 33.
Barrell, Mrs. E. P., 33.
Barrett, H., 76.
Barringer, P. B., 75.
Barrow, D. C., 19, 20.
Barrow, D. N., 67.
Barrows, H. H., 5.
Barrows, W. B., 37.
Barrows, W. M., 59.

- Barrus, M. F., 53, 54.
 Bartholomew, C. E., 26.
 Bartlett, J. M., 34.
 Barto, D. O., 23.
 Bassett, H. P., 17.
 Batchelor, L. D., 72, 73.
 Bate, F. E., 50.
 Bates, E. S., 10.
 Bates, M. C., 68.
 Batt, M., 56.
 Battiste, M. J., 68.
 Baum, A. M., 29.
 Baus, R., 33.
 Baxter, O. G., 5.
 Bayard, E. S., 63.
 Bayless, C. H., 10.
 Baysinger, S. L., 43.
 Beach, B. A., 41.
 Beach, C. L., 15.
 Beach, S. A., 26, 27.
 Beahan, W., 52.
 Beal, A. C., 53.
 Beal, L. H., 28.
 Beal, W. H., 4, 6.
 Beal, W. J., 37.
 Beale, A., 32.
 Bear, F. E., 59.
 Beard, H. L., 62.
 Bearss, J. T., 13.
 Beattie, R. K., 77, 78.
 Beatty, C., 35.
 Beaty, E. B., 62.
 Beaver, J. A., 63.
 Beck, O. C., 79.
 Beckenstrater, H., 35.
 Becker, A., 28.
 Becker, G. G., 11.
 Beckett, C. H., 24.
 Beckett, S. H., 5.
 Beckwith, T. D., 57.
 Bedford, R. C., 8.
 Beighle, E. E., 38.
 Bell, A. J., 33.
 Bell, A. T., 32.
 Bell, A. W., 7.
 Bell, H. G., 34.
 Bell, J. C., 13.
 Bell, M. W., 56.
 Bell, N. E., 8.
 Bell, W. B., 56, 57.
 Belling, J., 18.
 Bellis, A. E., 82.
 Bemis, B., 40.
 Bemis, H. E., 26.
 Benedict, P. A., 74.
 Benkendorf, G. H., 80, 81.
 Benner, R. C., 10.
 Bennetch, P. B., 65.
 Bennett, A. A., 26.
 Bennett, B. F., 35.
 Bennett, C. B., 74.
 Bennett, E. R., 14.
 Bennett, J. W., 19.
 Benson, F. W., 61.
 Bentley, G. M., 70.
 Benton, J. R., 17.
 Bentzel, E. H., 76.
 Berchtold, F., 62.
 Bergen, T. G., 49.
 Berger, E. W., 18.
 Berger, Mrs. E. W., 18.
 Bergman, H. D., 26.
 Bergman, H. F., 57.
 Bergner, C. H., 63.
 Berry, E. E., 24.
 Berry, W. M., 17.
 Besley, F. W., 35.
 Bessey, C. E., 46.
 Bessey, E. A., 38, 39.
 Betts, C. W., 76.
 Betts, T., 7.
 Bevan, W. A., 27.
 Bevier, I., 23.
 Bexell, J. A., 62.
 Bezdek, H., 38.
 Bias, J. H., 9.
 Biddison, C., 29.
 Biddle, H. S., 27.
 Bigelow, C. E., 76.
 Biggar, H. H., 69.
 Biggs, J., 16.
 Billetdoux, E. W., 50.
 Billings, T., 25.
 Bingham, D., 49.
 Bingham, G. H., 48.
 Bingham, S. L., 73.
 Bioletti, F. T., 12, 13.
 Birch, M. T., 67.
 Birdsong, M. S., 55.
 Bishop, E. F., 21.
 Bishopp, B. G. D., 14.
 Bissel, M. J., 20.
 Bissell, G. W., 38.
 Bixby, F. L., 5, 51.
 Bizzell, J. A., 53, 54.
 Black, H. V., 19.
 Black, J. M., 43.
 Blackburn, W. E., 27.
 Blackmon, G. H., 71.
 Blackshear, E., 72.
 Blackshear, E. L., 72.
 Blain, H. M., 32.
 Blair, A. W., 18.
 Blair, F. G., 22.
 Blair, J. C., 23, 24.
 Blair, M. J., 40.
 Blaisdell, T. C., 38.
 Blake, Mrs. E. M., 11.
 Blake, G. A., 16.
 Blake, J. C., 70.
 Blake, M. A., 50.
 Blakeslee, A. F., 15.
 Blanchard, H. L., 78.
 Blanchard, L., 77.
 Blanding, L., 68.
 Bledsoe, P., 72.
 Bledsoe, W., 55.
 Bleile, A. M., 58.
 Blinn, P. K., 14.
 Bliss, G. R., 27.
 Bliss, R. K., 27.
 Blodgett, T., 27.
 Blohm, A. F., 59.
 Blood, C. H., 52.
 Blount, G. W., 76.
 Blount, T. W., 54.
 Bluford, F. D., 31.
 Bluford, J. H., 56.
 Blumenfeld, S. F., 42.
 Boardman, H. P., 47.
 Bohler, J. F., 77.
 Boice, C. H., 28.
 Boldt, G. C., 52.
 Bolley, H. L., 56, 57.
 Bolton, F. C., 70.
 Boltz, G. E., 59.
 Bomberger, F. B., 35.
 Bonebright, H. B., 14.
 Bonfoey, B. H., 43.
 Bonnet, E., 50.
 Bonnet, L., 12, 13.
 Bonns, W. W., 34.
 Bontrager, W. E., 60.
 Boot, E. M., 28.
 Booth, N. O., 60, 61.
 Bopp, J. V., 68, 69.
 Borders, J. M., 11.
 Boring, A. M., 34.
 Boss, A., 39, 40, 41.
 Boston, S. M., 68.
 Bostwick, C. D., 52.
 Bosworth, A. W., 52.
 Bottomley, A. W. T., 21.
 Boucke, O. F., 64.
 Bouquet, A. G. B., 62, 63.
 Bourne, A. I., 37.
 Boutelle, F. C., 39, 40.
 Bouton, R., 46.
 Bowden, F., 62.
 Bowditch, N. I., 36.
 Bowen, A., 56.
 Bowen, A. F., 55.
 Bowen, B. L., 58.
 Bowen, J. V., 41.
 Bower, E. B., 64.
 Bower, H. J., 59.
 Bower, H. M., 53.
 Bowers, J. H., 60.
 Bowker, W. H., 36.
 Bowles, P. S., 43.
 Bowman, A. M., 74.
 Bowman, J. C., 26.
 Bownocker, J. A., 58.
 Boyd, T. D., 31, 32.
 Boyle, J. G., 24, 25.
 Brackett, R. N., 67.
 Bradford, J. N., 58.
 Bradfute, O. E., 58.
 Bradham, D. J., 67.
 Bradley, C. E., 62.
 Bradley, M. E., 67.
 Bradley, W. W., 66.
 Bragg, J. B., 79.
 Bragg, L. C., 14, 15.
 Bragg, T., 7, 8.
 Bragg, V. W., 42.
 Brainerd, W. K., 75.
 Braman, W. W., 65.
 Bramlett, A., 67.
 Brand, R. E., 23, 24.
 Branson, E. B., 43.
 Bray, C. I., 60.
 Bray, G. E., 28.
 Breaux, Z. N., 61.
 Breazeale, W. E., 50.
 Breckinridge, G. T., 10.
 Breeze, F. J., 24.
 Bregger, T., 24.
 Brenton, C. R., 25.
 Bresee, E. M., 81.
 Bressler, B. G., 71.
 Brett, P. M., 49.
 Brewer, C. L., 43.
 Brewer, H. R., 45.
 Brewer, O. A., 60.
 Brewer, W. F., 45.
 Bricker, G. A., 59.
 Bridgeforth, G. R., 9.
 Bridwell, J. C., 12, 13.
 Brierly, W. G., 77.
 Briggs, F., 26.
 Briggs, M., 40.
 Briggs, M. B., 76.
 Brigham, A. A., 68.
 Brimley, H. H., 55.
 Brindley, J. E., 26.
 Brink, C. M., 28.
 Brinkley, E. H., 35.
 Brinkley, L. L., 55.
 Briscoe, C. F., 23.
 Briscoe, J. M., 34.
 Brittain, T. H., 72.
 Britten, C. D., 71.
 Britton, J. A., 11.
 Britton, W. E., 15.
 Brockett, Z. M., 14.
 Broderick, D. C., 21.
 Brodie, R. K., 62.
 Broemel, G. F., 60.
 Brooks, C., 48, 49.
 Brooks, E., 40.
 Brooks, F. E. (Colo.), 13.
 Brooks, F. E. (W. Va.), 79.
 Brooks, J. F., 20.
 Brooks, N. C., 23.
 Brooks, R. P., 19.
 Brooks, S. C., 37.
 Brooks, W. E., 56.
 Brooks, W. P., 36, 37.
 Broome, F. H., 70.
 Broughton, L. B., 35.
 Broughton, N. B., 54.
 Broussard, J. F., 32.
 Brown, A. G., 79.
 Brown, A. M., 37, 39.
 Brown, B. E., 64, 65.
 Brown, B. F., 34.
 Brown, B. S., 12, 13.
 Brown, C. F., 5, 73.
 Brown, C. L., 48.
 Brown, C. W., 39.
 Brown, F., 29.
 Brown, F. M., 73.
 Brown, F. R., 62, 63.
 Brown, G. A., 38, 39.
 Brown, G. C., 69.
 Brown, G. L., 68.
 Brown, H., 69.
 Brown, J. A., 68.
 Brown, J. G., 10.
 Brown, J. T., jr., 69.
 Brown, J. W., 36.
 Brown, L.
 Brown, P.
 Brown, R.
 Brown, S.
 Brown, S. I.
 Brown, W.
 Brown, W.
 Brown, W.
 Browne, J.
 Browne, W.
 Bruce, C. A.
 Brumley, C.
 Bruner, L.
 Brush, J. L.
 Bryan, A. I.
 Bryant, E. A.
 Bryant, T.
 Buchanan, J.
 Buchanan, J.
 Buckhout, J.
 Buckley, S.
 Buckstaff, M.
 Budd, J. E.
 Buell, T. W.
 Bugby, M.
 Bull, A. M.
 Bull, C. P.
 Bull, F., 45.
 Bull, M. L.
 Bullard, J.
 Bullen, J. C.
 Bullock, F.
 Bundy, L.
 Burch, N. C.
 Burd, J. S.
 Burdick, H.
 Burger, A.
 Burger, O.
 Burgess, E.
 Burgess, J.
 Burgess, J.
 Burke, A. F.
 Burke, E.
 Burke, T. F.
 Burks, C. B.
 Burlingame, W.
 Burlison, W.
 Burnett, E.
 Burnett, L.
 Burney, E.
 Burns, G. F.
 Burns, J. C.
 Burr, W. W.
 Burrage, F.
 Burrage, L.
 Burrage, S.
 Burrell, W.
 Burrill, T. J.
 Burrows, G.
 Burson, W.
 Burt, F. A.
 Burt, J. H.
 Burton, P.
 Burton, R.
 Buser, J. T.
 Busey, Mrs.
 Bush, C. R.

- Brown, L. A., 30, 31.
 Brown, P. E., 27.
 Brown, R. H., 28.
 Brown, S., 79.
 Brown, S. B., 78.
 Brown, S. H., 36.
 Brown, W., 48.
 Brown, W. A., 34.
 Brown, W. G., 43.
 Browne, J. J., 77.
 Browne, W. H., jr., 54.
 Bruce, C. A., 58.
 Brumley, O. V., 58.
 Bruner, L., 46, 47.
 Brush, J. L., 13.
 Bryan, A. B., 67.
 Bryan, E. A., 77.
 Bryant, T. R., 30, 31.
 Buchanan, R. E., 26, 27.
 Buchanan, W. S., 8.
 Buckhout, W. A., 63, 64.
 Buckley, S. S., 35.
 Buckstaff, Mrs. F. G., 79.
 Budd, J. E., 11.
 Buell, T. W., 71.
 Bugby, M. O., 59.
 Bull, A. M., 40.
 Bull, C. P., 39, 40, 41.
 Bull, F., 45.
 Bull, M. L., 40.
 Bullard, J. E., 32.
 Bullen, J. C., 43.
 Bullock, F., 46.
 Bundy, L., 63.
 Burch, N. C., 44.
 Burd, J. S., 12, 13.
 Burdick, H., 66.
 Burger, A. A., 27.
 Burger, O. F., 18.
 Burgess, E. M., 79.
 Burgess, J. L., 55.
 Burgess, J. M., 66.
 Burke, A. K., 34.
 Burke, E., 46.
 Burke, T. F., 82.
 Burks, C. B., 61.
 Burlingame, R. S., 65.
 Burlison, W. L., 68, 69.
 Burnett, E. A., 6, 46, 47.
 Burnett, L. C., 27.
 Burney, E., 9.
 Burns, G. P., 74.
 Burns, J. C., 70, 71.
 Burr, W. W., 47.
 Burrage, F. S., 82.
 Burrage, L. M., 64.
 Burrage, S., 24.
 Burrell, W. P., 76.
 Burrill, T. J., 23.
 Burrows, G. H., 74.
 Burson, W. M., 19.
 Burt, F. A., 38.
 Burt, J. H., 29, 30.
 Burton, P. E., 43.
 Burton, R. W., 7.
 Buser, J. T., 38.
 Busey, Mrs. M. E., 22.
 Bush, C. R., 27.
 Bush, L. P., 16.
 Bushnell, L. D., 28, 29.
 Buswell, A. M., 34.
 Butler, H. P., 68.
 Butler, O. R., 80, 81.
 Butler, P., 39.
 Butterfield, K. L., 6, 36.
 Butterfield, M., 28, 29.
 Butts, E. L., 39, 40.
 Byars, L. P., 67.
 Byerly, E., 28.
 Byrd, A. L., 7.
 Byrd, M. F., 8.
 Cable, E. Y., 27.
 Cady, LeR., 40, 41.
 Caffey, E. W., 72.
 Caffrey, D. J., 15.
 Cage, S., 60.
 Cain, G. D., 33.
 Caine, J. T., III, 72, 73.
 Caldwell, A. B., 68.
 Caldwell, R. E., 59.
 Calhoun, F. H. H., 66.
 Call, L. E., 28, 29.
 Callahan, I. B., 62.
 Callaway, G. R., 45.
 Calvert, S., 43.
 Calvin, Mrs. H. W., 24.
 Calvin, J. W., 29.
 Calvin, M. V., 19, 20.
 Cameron, E. D., 61.
 Cammack, A. D., 14.
 Campbell, C. R., 79.
 Campbell, G., 62.
 Campbell, J. P., 19.
 Campbell, J. Ph., 19.
 Campbell, J. R., 27.
 Campbell, P. A., 34.
 Campbell, T. M., 9.
 Campbell, T. P., 75.
 Campbell, W. A., 70.
 Campbell, W. W., 8.
 Cance, A. E., 37.
 Canfield, R. W., 71.
 Cannon, A., 55.
 Cannon, H. P., 17.
 Cantey, M., 68.
 Cantwell, M. A., 45.
 Canty, J. M., 79.
 Capen, C. A., 15.
 Capper, A., 27.
 Carberry, V. J., 50.
 Cardon, P. V., 73.
 Cardozo, F. H., 18.
 Cardullo, F. E., 48.
 Carey, W. L., 35.
 Carlisle, J. N., 52.
 Carlyle, A., 78.
 Carlyle, E. C., 71.
 Carlyle, W. L., 21, 22.
 Carman, A. P., 23.
 Carmichael, B. E., 59.
 Carnegie, A., 52, 63.
 Carney, C. M., 45.
 Carney, W. B., 75.
 Carpenter, L. G., 14.
 Carpenter, T., 30.
 Carpenter, W. L., 37.
 Carrel, W. J., 30.
 Carrere, E. A., 33.
 Carrier, L., 75.
 Carrington, J. C., 74.
 Carroll, C. G., 11.
 Carroll, D. H., 35.
 Carroll, N. M., 36.
 Carson, J. W., 71.
 Carsten, W. J., 68.
 Carter, G. G., 25.
 Carter, H. C., 55.
 Carter, J. C., 76.
 Carter, R. D., 11.
 Carver, G. W., 9.
 Cary, C. A., 7, 8.
 Cary, C. P., 79.
 Cassiday, H. M., 14.
 Cassidy, M. A., 31.
 Cathcart, C. S., 50.
 Catlin, C. A., 73.
 Caulfield, M. C., 33.
 Cauthen, E. F., 8.
 Cavanaugh, G. W., 53, 54.
 Cecil, J. D., 55.
 Center, O. D., 22, 23.
 Certain, C. C., 7.
 Cessna, O. H., 26.
 Chadwick, W. D., 42.
 Chaffee, G. T., 73.
 Chalfant, F. C., 77.
 Challender, R. T., 45.
 Challoner, A., 81.
 Chamberlain, F. W., 21.
 Chamberlain, J. S., 36.
 Chamberlain, Mrs. M. L., 66.
 Chamberlain, W. F., 44.
 Chamberlain, W. I., 49.
 Chambers, S. D., 34.
 Chambliss, H., 60.
 Champlin, M., 69.
 Chandler, H. A. E., 10.
 Chandler, R. E., 60.
 Chandler, W. H., 43, 44.
 Chapman, F., 38.
 Chapman, G. H., 37.
 Chappelle, L. L., 71.
 Charles, F. L., 23.
 Charlton, J. D., 77.
 Chase, A. E., 22.
 Chase, C. F., 29.
 Chase, L. W., 46, 47.
 Chase, M., 26.
 Chastain, O. F., 70.
 Chatburn, G. R., 47.
 Chavis, J. D., 56.
 Chenet, H. S., 31.
 Cheyney, E. G., 39, 40, 41.
 Chilcott, E. F., 30.
 Childers, L. F., 21, 22.
 Childs, W. S., 7.
 Chipman, M. E., 20.
 Chisholm, H., 57.
 Chisholm, J., 59.
 Chittenden, F. H., 75.
 Chrisman, E. R., 68.
 Chrisman, W. G., 55.
 Christensen, F. W., 65.
 Christie, G. I., 6, 24, 25.
 Christophers, C., 11.
 Chrysler, M. A., 34.
 Church, J. E., 48.
 Churchill, G. W., 52.
 Churchill, J. B., 64.
 Churchill, J. M., 16.
 Churchill, O. O., 57.
 Churchill, V. L., 15.
 Clagett, W. B., 35.
 Clair, M. W., 36.
 Clapp, S. C., 55.
 Clark, A. J., 38.
 Clark, A. W., 52.
 Clark, C. H., 10.
 Clark, G., 82.
 Clark, J. E., 51.
 Clark, J. M., 76.
 Clark, J. W., 64.
 Clark, K., 73.
 Clark, O. L., 54.
 Clark, R. A., 9.
 Clark, R. R., 76.
 Clark, R. W., 45, 46.
 Clark, S. C., 5.
 Clark, S. E., 73.
 Clark, T. A., 23.
 Clark, T. W., 48.
 Clark, V. E., 26, 27.
 Clark, W. D., 64, 65.
 Clark, W. E., 71.
 Clarke, W. B., 32.
 Clarke, W. T., 6, 12, 13.
 Clay, C. M., 30.
 Clay, W. T., 55.
 Claybrooke, J. I., 31.
 Clearwater, A. T., 49.
 Cleghorn, A. W., 12.
 Clevenger, C. H., 29.
 Clevenger, W. L., 59.
 Cline, P. J., 20.
 Clinton, G. H., 31.
 Clinton, J. P., 15.
 Clinton, L. A., 15, 16.
 Clopath, H., 40.
 Close, C. P., 35.
 Clothier, G. L., 41, 42.
 Clothier, R. W., 10.
 Coad, K. M., 38.
 Coates, C. E., 32.
 Cobb, A. C., 60.
 Cobb, C. A., 41.
 Cobb, F. C., 79.
 Cobb, G. R., 66.
 Cobleigh, W. A., 45.
 Coburn, H. D., 82.
 Coburn, J. L., 72, 73.
 Cochel, W. A., 63, 65.
 Cochran, D. C., 65.
 Codd, A. A., 47.
 Coe, E. B., 49.
 Coen, B. F., 14.
 Cofer, D. B., 71.
 Coffeen, H. A., 82.
 Coffey, A. B., 32.
 Coffey, W. C., 23.

- Coffin, M. L., 40.
 Cogbill, J. R., 17.
 Coit, J. E., 12, 13.
 Colburn, F. E., 27.
 Colby, G. E., 12, 13.
 Cole, C. A., 62, 63.
 Cole, G. A., 11.
 Cole, J. T., 32.
 Cole, L. J., 80, 81.
 Cole, P. T., 75.
 Cole, V. E., 15.
 Coleman, L. L., 31.
 Collett, R. W., 55.
 Collier, F. J., 49.
 Collier, G. B., 7.
 Collins, G., 79.
 Collins, S. F., 31.
 Collins, V. H., 45.
 Collins, V. S., 36.
 Collison, R. C., 59.
 Collison, S. E., 18.
 Colliver, W. D., 25.
 Colpitts, J. T., 26.
 Colver, C. W., 22.
 Colvin, C., 34.
 Colwell, R. H., 78.
 Combs, B., 60.
 Comer, B. B., 7, 8.
 Comstock, A. B., 53.
 Comstock, J. H., 52, 54.
 Comstock, L., 34.
 Condra, G. E., 46.
 Cone, V. M., 5.
 Conley, E. T., 35.
 Conn, H. J., 53, 54.
 Conn, H. W., 15.
 Connaway, J. W., 43, 44.
 Connell, J. H., 60.
 Conner, J. J., 19.
 Conner, S. D., 24, 25.
 Conner, W. G., 75.
 Connor, A. B., 71.
 Connors, J. P., 60.
 Conover, J. A., 55.
 Conrad, L. E., 28.
 Conradi, A. F., 67.
 Conser, H. N., 34.
 Converse, G. L., 59.
 Converse, J. E., 70.
 Conwell, C. S., 16, 17.
 Cook, C. H., 50.
 Cook, E., 40.
 Cook, G. B., 10.
 Cook, L. B., 53.
 Cook, M. T., 17.
 Cook, P., 49.
 Cook, R. B., 72.
 Cook, S. B., 44.
 Cook, W. A., 64.
 Cook, W. M., 59.
 Cooke, A. D., 82.
 Cooke, E. B., 8.
 Cooke, J. W., 33.
 Cooley, J. C., 75.
 Cooley, R. A., 45, 46.
 Coons, G. H., 39.
 Coope, J., 76.
 Cooper, A. J., 45.
 Cooper, B., 72.
 Cooper, B. H., 76.
 Cooper, D. W., 49.
 Cooper, E. L., 27.
 Cooper, H. E., 20.
 Cooper, J. W., 76.
 Cooper, L. L., 32.
 Cooper, R. M., 20.
 Cooper, S. W., 5.
 Cooper, T. P., 40, 41.
 Cooper, W. B., 54.
 Cooper, W. H., 26.
 Coover, W. F., 26.
 Copps, P., 14.
 Corbett, L. C., 75.
 Corbett, L. L., 75.
 Corbett, V. H., 14.
 Corbit, D. W., 16.
 Cordery, G. T., 36.
 Cordley, A. B., 62.
 Corley, J. W. L., 60.
 Cornell, C. E., 52.
 Corotis, M. E., 59.
 Corput, F., 19.
 Corson, O. T., 58.
 Cortelyou, J. V., 28.
 Corwin, R. W., 13.
 Cory, E. N., 35.
 Cosh, G. M., 53.
 Cotton, E. C., 70.
 Cotton, W. W., 61.
 Cottrell, E. A., 64.
 Coulter, S., 24.
 Councilman, C. A., 35.
 Coupland, G., 46.
 Courtright, J., 59.
 Cousins-Dorsey, Mrs. E., 79.
 Covell, G. A., 62.
 Cowan, J., 47.
 Cowan, T. N., 9.
 Cowgill, Mrs. T. W., 48.
 Cowles, I. F., 28.
 Cowper, R. J., 82.
 Cox, G., 45.
 Cox, N. H., 18.
 Cox, R., 72.
 Cox, W. H., 30.
 Crabb, G. A., 53, 54.
 Crabbe, J. B., 14.
 Crabtree, P. E., 29.
 Craig, C. E., 24.
 Craig, J., 53, 54.
 Craig, L., 54.
 Craig, M. B., 45.
 Craig, R. A., 24, 25.
 Craig, W., 34.
 Crain, R., 35.
 Crampton, G. C., 67.
 Crandall, C. S., 23, 24.
 Crane, B. A., 19.
 Crane, C. B., 50.
 Crane, P. H., 25.
 Crane, O., 25.
 Cranford, C. C., 56.
 Cravens, J., 70, 71.
 Crawford, C. H., 77.
 Crawford, H. C., 18.
 Crawford, J. F., 82.
 Crawford, J. H., 72.
 Crawford, L. I., 82.
 Crawford, N. A., 29.
 Crawford, T. H., 62.
 Creasy, W. T., 63.
 Crebs, J. M., 22.
 Creeley, T. L., 36.
 Creese, M., 35.
 Crenshaw, B. H., 7.
 Crews, M., 18.
 Crider, F. J., 55.
 Crigler, N. B., 23.
 Crisp, H. L., 35.
 Critchfield, N. B., 63.
 Crittenden, R. F., 19.
 Critz, H., 42.
 Crocker, W. H., 11.
 Crockett, W. D., 64.
 Cromer, C. O., 25.
 Crookston, J., 73.
 Cropper, L. M., 18.
 Crosby, C. R., 53, 54.
 Crosby, D. J., 4, 5.
 Cross, L. J., 53.
 Cross, M. B., 72.
 Cross, W. E., 32.
 Crothers, A. L., 35.
 Crow, C. L., 17.
 Crowe, C. P., 59.
 Crowe, S. E., 38.
 Crowley, P. W., 26.
 Crowley, T. F., 33.
 Crumley, J. J., 59.
 Cruse, J. T., 71.
 Crutcher, W. H., 18.
 Cummings, M. B., 74.
 Cunningham, C. C., 30.
 Cunningham, J. C., 28, 30.
 Cunningham, O. C., 59.
 Curl, M. J., 64.
 Currier, A. H., 45.
 Currier, G. W., 48.
 Curry, B. E., 49.
 Curtis, A. W., 79.
 Curtis, F. W., 16.
 Curtis, H. E., 31.
 Curtis, M. R., 34.
 Curtis, R. S., 55.
 Curtis, W. C., 43.
 Curtiss, C. F., 6, 26, 27.
 Cusick, J. T., 52.
 Cutler, C., 25.
 Dachnowski, A. P., 58.
 Dacy, A. L., 79.
 Dacy, G. H., 80.
 Daggett, W. P., 34.
 Dale, H. C., 73.
 Dales, J. S., 46, 47.
 Dalrymple, W. H., 32, 33.
 Damon, C. M., 37.
 Damon, S. C., 66.
 Damon, S. M., 21.
 Daniel, D. W., 67.
 Daniel, M. A., 70.
 Daniel, W. E., 54.
 Daniels, C. W., 51.
 Darby, A. L., 79.
 Darden, W. A., 56.
 Darling, F. W., 76.
 Darnaby, R. B., 31.
 Darnall, F. M., 42.
 Darnall, H. J., 69.
 Darst, W. H., 59.
 Dashiell, W. R., 75.
 Daughters, M. R., 62.
 Davenport, C. C., 31.
 Davenport, E., 6, 22, 23.
 Davenport, U. H., 19.
 Davey, W. P., 64.
 David, E. J., 49.
 Davidson, J. B., 26, 27.
 Davidson, R. J., 75.
 Davies, H., 30.
 Davies, P. M., 24.
 Davis, B. F., 37.
 Davis, C. C., 68.
 Davis, E. A., 18.
 Davis, E. B., 50.
 Davis, E. H., 24.
 Davis, E. P., 64.
 Davis, E. S., 76.
 Davis, G. J., 76.
 Davis, H. L., 47.
 Davis, H. S., 18.
 Davis, J. M., 30.
 Davis, K. C., 50.
 Davis, L. M., 12, 13.
 Davis, Mary E., 9.
 Davis, Minnie E., 9.
 Davis, M. L., 10.
 Davis, P. A., 60.
 Davis, P. J., 60.
 Davis, T., 16.
 Davis, T. W., 42.
 Davis, V. H., 58.
 Davis, W. C., 7.
 Davison, C., 22.
 Davisson, A. E., 46.
 Dawson, C. F., 16, 17.
 Day, B., 73.
 Dean, G. A., 28, 30.
 Dean, W. H., jr., 71.
 Dearborn, C. S., 45.
 Debnam, W. F., 56.
 De Camp, G. E., 50.
 Decker, C. D., 39.
 Deemer, R. B., 25.
 Deerr, N., 21.
 DeLay, F. A., 14.
 DeLoach, R. J. H., 19.
 DeLury, J. S., 22.
 Delwiche, E. J., 80, 81.
 Delwiche, O. J., 80, 81.
 Demaree, F. H., 43, 44.
 Demaree, J. B., 35.
 Demarest, W. H. S., 49, 50.
 Deming, C. W., 77.
 Demolins, J., 74.
 Deneen, C. S., 22.
 Denise, D. D., 50.
 Denney, J. V., 58.
 Denniston, R. H., 80.
 Denny, G., 47.

Denny
 Denso
 Deput
 Derby
 De Re
 Dern,
 Detjen
 Detme
 Dewey
 De Ya
 De Ya
 De Ze
 Dick,
 Dicker
 Dicker
 Dickin
 Dickin
 Dickin
 Dickin
 Diehl,
 Dietric
 Dill, J
 Dilleh
 Dilling
 Dilling
 Dillon
 Dilts,
 Dimoc
 Dingu
 Dinsm
 Dinwi
 Dix, J
 Dixon
 Doane
 Dobell
 Dodd,
 Dodge
 Dodge
 Dodson
 Dogget
 Dohert
 Dohert
 Dohrn
 Dole, C
 Dolt, M
 Dolve,
 Donag
 Donag
 Donah
 Donald
 Donald
 Donald
 Doneg
 Donov
 Dorer,
 Dorner
 Dorsey
 Doryla
 Doten,
 Doty, J
 Dougl
 Dougl
 Dougl
 Dow, I
 Dow, U

- Denny, G. G., 47
Denson, N. D., 7.
Deputy, G. W., 17.
Derby, S. H., 16.
De Regt, A. C., 50.
Dern, J., 72.
Detjen, L. R., 55.
Detmers, F., 59.
Dewey, D. R., 36.
De Yarmett, C. H., 76.
De Yarmett, H. J., 76.
De Zeeuw, R., 38.
Dick, A., 53.
Dickens, A., 28, 29.
Dickerson, I. W., 22.
Dickinson, A. D., 78.
Dickinson, C. C., 52.
Dickinson, L. P., 66.
Dickinson, M. F., 36.
Dickinson, N. M., 23.
Didlake, M. LeG., 30, 31.
Diehl, D., 60.
Dietrich, W., 22, 23.
Dill, J. W., 42.
Dillehunt, H. B., 36.
Dillingham, F. T., 20.
Dillingham, W. P., 73.
Dillon, C., 28.
Dilts, A., 14.
Dimock, W. W., 26, 27.
Dingus, J. A., 61.
Dinsmore, S. C., 48.
Dinwiddie, R. R., 11.
Dix, J. A., 52.
Dixon, V. M., 27.
Doane, D. H., 43, 44.
Dobell, R. H., 62.
Dodd, W. S., 76.
Dodge, D. K., 23.
Dodge, F. H., 50.
Dodson, W. R., 6, 32, 33.
Doggett, C. S., 67.
Doherty, A. J., 37.
Doherty, P. H., 33.
Dohrmann, F. W., 11.
Dole, C. F., 8.
Dolt, M. L., 57.
Dolve, R. M., 57.
Donaghey, G. W., 10.
Donaghho, J. S., 20.
Donahue, M. J., 7.
Donaldson, B., 29.
Donaldson, J. W., 57.
Donaldson, M. L., 66.
Donaldson, O., 9.
Doneghue, R. C., 57.
Donovan, E., 16.
Dorer, G., 50.
Dorner, H. B., 23, 24.
Dorsey, Mrs. E. C., 79.
Doryland, C. J. T., 50.
Doten, S. B., 48.
Doty, S. W., 64.
Douglass, A. E., 10.
Douglass, E., 14.
Douglass, J., 68.
Dow, B. K., 16.
Dow, U. M., 28.
Downing, C., 24.
Downing, G. M., 63.
Dowsett, J. M., 21.
Dox, A. W., 27.
Drake, J. H., 7.
Draper, E. S., 36.
Drew, B. L., 76.
Drew, E. C., 34.
Drew, G. A., 34.
Drew, J. A., 24.
Drew, J. M., 40, 41.
Drew, W., 48.
Drew, W. S., 72.
Drewry, N. B., 19.
Drinkard, A. W., 75.
Drinkard, A. W., jr., 75.
Drisdale, C. B., 72.
Drummond, R. R., 34.
Dryden, J., 62.
Du Bose, M. D., 19.
Duconge, E., 33.
Duddy, E. A., 45.
Dudley, F., 73.
Dudley, J. B., 56.
Duggar, B. M., 53, 54.
Duggar, J. F., 6, 7, 8.
Duke, T. T., 60.
Dukes, A. L., 67.
Dulaney, H. S., 36.
Duncan, C., 76.
Duncan, C. R., 37.
Duncan, C. S., 58.
Duncan, L. N., 7.
Dunn, C. J., 33, 34.
Dunn, W., 55.
Durand, E. J., 43.
Durgin, A. G., 34.
Durst, C. E., 24.
Durward, M., 14.
Duryee, J. R., 49.
Dusenbury, E. G., 52.
Dusham, E. H., 27.
Dutton, J. E., 16.
Dvorachek, H. E., 14.
Dwight, T. W., 68.
Dwyre, C. G., jr., 14.
Dye, F., 6.
Dye, W. S., jr., 64.
Dykstra, R. R., 26.
Dynes, O. W., 57.
Earhart, R. F., 58.
Earl, G. C., 11.
Earle, S. B., 67.
Easley, C. W., 34.
Eason, F. G., 5.
Eastman, A. R., 52.
Eastwood, G. R., 59.
Eaton, E., 40.
Eaton, J., 74.
Eaton, W. H., 55.
Eberhard, E. A., 26.
Eberhart, A. O., 39.
Eckart, C. F., 21.
Eckhardt, W. G., 22, 23.
Eckles, C. H., 43, 44.
Eckman, O. L., 49.
Eddy, M. W., 64.
Edelen, L. T., 30.
Edgar, A., 29.
Edgar, C. L., 49.
Edgerly, G. W., 48.
Edgerton, C. W., 33.
Edmiston, H. D., 64, 65.
Edmond, H. D., 16.
Edmonds, J. L., 23, 24.
Edmonds, M., 59.
Edwards, A. A., 13.
Edwards, A. L., 62.
Edwards, G. R., 42.
Edwards, H., 6, 66.
Edwards, J. H., 52.
Edwards, N. B., 72.
Eggleston, J. D., 74.
Eiesland, J. A., 78.
Eisenlohr, B. A., 58.
Ekblaw, K. J. T., 22.
Elder, L. W., 77.
Eldred, M. D., 66.
Eldridge, J. G., 21.
Ellett, W. B., 75.
Ellington, J. T., 54.
Elliott, C. G., 5.
Elliott, E. E., 21.
Elliott, J. C., 60.
Elliott, P., 59.
Elliott, R. W., 51.
Elliott, T. I., 36.
Ellis, G. H., 36.
Ellsworth, E. A., 24.
Ellsworth, J. L., 36.
Elser, W. L., 59.
Emberson, R. H., 43.
Embry, G. C., 71.
Embry, J. F., 79.
Emerson, R. A., 46, 47.
Emerson, S. F., 74.
Emery, E. S., 44.
Emmett, A. D., 23.
Emmons, L. C., 38.
Ende, C. L. von, 22.
Enders, H. E., 24.
English, J. N., 18.
English, J. P., 45.
Enloe, W. A., 56.
Enochs, I. C., 41, 42.
Enyart, B. A., 28.
Epple, W. F., 25.
Erb, E. S., 64, 65.
Erf, O., 58.
Erickson, M., 57.
Ericson, A., 40.
Erwin, A. T., 26.
Espenshade, A. H., 64.
Essary, S. H., 70.
Estabrook, S. A., 42.
Esten, W. M., 15, 16.
Estes, C., 65.
Eswine, H. E., 59.
Etcheverry, B. A., 12.
Etheridge, W. C., 55.
Eubank, M. E., 79.
Eustace, H. J., 38, 39.
Evans, A. L. (Ala.), 9.
Evans, A. L. (Tex.), 72.
Evans, C. B., 16.
Evans, C. H., 35.
Evans, C. M., 71.
Evans, C. T., 8.
Evans, E., 79.
Evans, E. A., 38.
Evans, F., 21.
Evans, H., 59.
Evans, H. J., 26.
Evans, Mrs. L. B., 22.
Evans, M. E., 53.
Evans, P., 44.
Evans, P. N., 24.
Evans, W. D., 66.
Evans, W. H., 4.
Evans, W. L., 58.
Evans, W. W., 60.
Evvard, J. M., 27.
Ewan, A. E., 31.
Ewell, A. D., 72.
Ewell, Mrs. R. L., 72.
Ewing, A., 62.
Ewing, A. L., 40.
Eyer, B. F., 28.
Eyerly, E. K., 37.
Fain, J. R., 19.
Fairfield, Mrs. M. P., 26.
Falconer, J. I., 66.
Farley, A. J., 50.
Farmer, E., 43.
Farmer, M. D., 38.
Farquhar, E. F., 30.
Farr, J. M., 17.
Farrand, B., 38.
Farrell, F. D., 21, 22.
Farrington, E. H., 80, 81.
Fassett, G. S., 73.
Faurot, F. W., 44.
Faville, A. D., 82.
Fawcett, G. L., 5, 65.
Fawcett, H. S., 18.
Fay, L. E., 70.
Feagin, W. F., 7.
Feely, R. O., 67.
Fehn, A. R., 29.
Fehr, C. D., 63.
Felmy, W., 20.
Ferguson, J. A., 64, 65.
Ferguson, J. T., 19.
Ferguson, O. W., 9.
Fergusson, S. P., 48.
Fermier, E. J., 70.
Fernald, C. H., 36.
Fernald, H. T., 36, 37.
Ferris, E. B., 42.
Ferry, E. S., 24.
Fetzer, L. W., 4.
Field, C., 3d, 22.
Filley, W. O., 15.
Finch, F. T., 53.
Finlayson, W. D., 17, 18.
Finley, J. B., 78, 79.
Fippin, E. O., 53, 54.
Fischer, E. T., 38.
Fishburn, H. P., 21, 22.
Fisher, M. L., 24, 25.
Fisher, O. S., 23.
Fisk, N. W., 73.

- Fisk, W. W., 53.
 Fitch, C. L., 15.
 Fitch, J. B., 29.
 Fitch, M. A., 25.
 Fitterer, J. C., 82.
 Fitts, E. B., 16.
 Fitts, J. N., 16.
 Fitz, L. A., 28, 29.
 Fitzgerald, J. K., 71.
 Flack, O., 60.
 Fleming, A. M., 72.
 Fleming, A. W., 26.
 Fleming, B., 53.
 Fleming, F. P., jr., 17, 18.
 Fleming, W. L., 32.
 Fletcher, C., 72.
 Fletcher, M., 76.
 Fletcher, S. W., 75.
 Flewellen, A. E., jr., 72.
 Flint, A. K., 58.
 Flint, C. L., 62.
 Flint, E. R., 17.
 Flint, P. N., 11.
 Florance, W. E., 49.
 Flossfeder, F. C. H., 12, 13.
 Flowerday, G. H., 32.
 Floyd, B. F., 18.
 Floyd, J. W., 67.
 Floyd, W. L., 18.
 Folger, H., 46.
 Folsom, J. W., 23.
 Foord, J. A., 36.
 Forbes, E. B., 59.
 Forbes, R. H., 10.
 Forbes, S. A., 23.
 Forbes, W. T. M., 50.
 Ford, F., 51.
 Ford, H., 35.
 Fordham, L. B., 68.
 Forgeus, M., 27.
 Forman, L. W., 27.
 Forristall, E. H., 37.
 Forsee, R. B., 68.
 Fort, J. F., 49, 50.
 Fortier, S., 5.
 Foster, A. W., 11.
 Foster, C. L., 72.
 Foster, I. L., 63.
 Foster, L., 51.
 Foster, T. D., 25.
 Foster, W. D., 78.
 Fountain, C. P., 70.
 Foust, J. I., 56.
 Fowler, C. C., 27.
 Fowler, J. M., 24.
 Fowler, W. L., 10.
 Fox, E. W., 80.
 Fox, J. W., 42.
 Fox, W. W., 42.
 Francis, C. K., 60, 61.
 Francis, D. R., 43.
 Francis, M., 70, 71.
 Frandsen, P., 48.
 Frandson, J. H., 21, 22.
 Franklin, H. J., 37.
 Frantz, S. O., 63.
 Fraps, G. S., 70, 71.
 Fraser, W. J., 23, 24.
 Frazier, J. S., 7.
 Frazier, W. H., 40, 41.
 Frazier, W. W., 76.
 Frear, D. W., 14.
 Frear, W., 63, 64.
 Fred, E. B., 75.
 Frederick, H. J., 72, 73.
 Freeman, B., 67.
 Freeman, E. L., 40.
 Freeman, E. M., 39, 41.
 Freeman, G. F., 10.
 Freeman, H. H., 33.
 Freeman, M. L., 42.
 Freeman, M. P., 10.
 Frelinghuysen, F., 49.
 French, G. T., 52.
 French, P., 22.
 French, T. E., 58.
 French, W. H. (Mich.), 38.
 French, W. H. (N. Y.), 52.
 French, W. L., 46, 47.
 Frevert, G. E., 21, 22.
 Freyhofer, L., 38.
 Frieberg, A., 68.
 Frier, G. M., 25.
 Fries, J. A., 65.
 Frissell, H. B., 76.
 Frizzell, J. H., 64.
 Fromme, N. K., 68.
 Frost, H. L., 36.
 Fry, E. A., 63.
 Fuchs, C., 12, 13.
 Fuge, A. L., 76.
 Fullan, M. T., 7.
 Fullaway, D. T., 4, 21.
 Fuller, F. D., 25.
 Fuller, H. N., 49.
 Fuller, J. G., 80, 81.
 Fuller, P. E., 5.
 Fuller, R. G., 33.
 Fulmer, E., 77, 78.
 Fulton, E. S., 37.
 Fulton, H. R., 64, 65.
 Fulton, J., 62.
 Funchess, M. J., 7, 8.
 Funk, A. B., 25.
 Funk, E., 22.
 Furley, C., 28.
 Furman, C. M., 67.
 Fuqua, H. L., 31, 32.
 Fyffe, D. M., 59.
 Gaede, H. A., 50.
 Gage, E. V., 64.
 Gage, G. E., 35.
 Gahan, A. B., 35.
 Gain, J. H., 46, 47.
 Gaines, W. L., 23, 24.
 Gaither, E. W., 59.
 Gallagher, E., 60.
 Gantt, J. W., 67.
 Garber, J. B., 8.
 Garcia, F., 51.
 Gardner, A. B., 67.
 Gardner, F. D., 63, 65.
 Gardner, J. J., 49.
 Gardner, O. M., 54.
 Gardner, V. R., 34.
 Gardner, W., 73.
 Garig, L., 32.
 Garig, M., 32.
 Garman, H., 30, 31.
 Garner, A. W., 42.
 Garner, J. D., 71.
 Garner, P. P., 41.
 Garrett, J. B., 33.
 Garrett, W. V., 45.
 Garrety, W. P., 5.
 Garrigus, H. L., 16.
 Garrison, W. D., jr., 67.
 Garrison, W. E., 51.
 Gartley, A., 20, 21.
 Garver, M. M., 64.
 Garver, S., 69.
 Gary, E. E., 70.
 Gaskill, E. F., 37.
 Gaskins, W. F., 62.
 Gass, H. A., 44.
 Gasser, G. W., 4, 9.
 Gates, B. N., 37.
 Gates, Mrs. S. Y., 72.
 Gates, W. H., 32.
 Gaum, C. G., 7.
 Gaumitz, A. J., 12, 13.
 Gaumitz, D. A., 39, 40, 41.
 Gaw, A. E., 77.
 Gaylord, F. A., 38.
 Gearhart, W. S., 29.
 Geist, G. A., 71.
 George, C. P., 51.
 George, F. J., 11.
 George, S., 61.
 Georgeson, C. C., 9.
 Georgia, A. E., 53.
 Gerac, H., 32.
 Gerrett, F., 36.
 Getz, Mrs. A. T., 33.
 Gibbons, H., 69.
 Gibbs, C. M., 23.
 Gibbs, W. D., 6, 48.
 Gibson, M. J., 8.
 Giddings, N. J., 79.
 Giesecke, F. E., 70.
 Giesecke, L. F., 46.
 Gifford, C. M., 79.
 Gilbert, A. H., 30.
 Gilbert, A. W., 53, 54.
 Gilbert, E. M., 80.
 Gilchrist, A. W., 18.
 Gilchrist, M., 38.
 Gilchrist, N. L., 38.
 Gile, P. L., 5, 65.
 Giles, E. W., 36.
 Gilkey, H. M., 62.
 Gill, B., 63.
 Gill, E. T., 50.
 Gill, F. W., 24.
 Gillet, J. N., 11.
 Gillette, C. P., 14.
 Gillison, B., 67.
 Gilmore, G., 19.
 Gilmore, J. W., 20.
 Gilmore, R. J., 53.
 Gilreath, B., 8.
 Giltner, W. G., 39.
 Given, G. C., 64, 65.
 Gladwin, F. E., 52.
 Glasier, L. M., 57.
 Glasson, E. J., 4.
 Gleason, C. A., 36.
 Glenn, J. A., 41, 42.
 Glenn, M. A., 7.
 Glover, G. H., 14.
 Gloyer, W. O., 59.
 Gochenour, E. F., 71.
 Goddard, L. H., 59.
 Goddard, M., 68.
 Goetz, C. H., 59.
 Gold, C. W., 54.
 Golder, F. A., 77.
 Golding-Dwyre, C., jr., 14.
 Goldsborough, F. C., 35.
 Goldthwaite, N. E., 23.
 Goll, H. L., 59.
 Good, E. S., 30, 31.
 Goodale, G. S., 41.
 Goodling, C. L., 64, 65.
 Goodrich, A. M., 76.
 Goodwin, S. H., 72, 73.
 Goodwin, W. H., 59.
 Goodwin, W. S., 10.
 Gordon, A., 29.
 Gordon, C. E., 37.
 Gordon, C. H., 69.
 Gordon, J., 41, 42.
 Gordon, J. H. (Iowa), 26, 27.
 Gordon, J. H. (U. S. D. A.), 5.
 Gordon, R. A., 43.
 Gorman, A. P., jr., 35.
 Goss, A., 25.
 Goss, L. W., 28.
 Gossard, H. A., 59.
 Goucher, J. F., 35.
 Gould, S. W., 33.
 Gourley, J. H., 59.
 Gow, R. M., 11.
 Gowans, E. B., 76.
 Graber, L. F., 81.
 Grady, J. R., 81.
 Graff, P. W., 29.
 Graham, A. B., 59.
 Graham, C. K., 76.
 Graham, K. H., 18.
 Graham, R. D., 37.
 Graham, W. A., 55.
 Graine, B. L., 9.
 Gramm, O., 82.
 Grannis, F. C., 23.
 Grant, C., 59.
 Grant, J. C., 8.
 Grant, S. A., 20.
 Grantham, A. E., 16, 17.
 Grasse, E. H., 57.
 Gravatt, T. E., 64.
 Grave, B. H., 82.
 Graves, A. S., 78.
 Graves, H. L., 76.
 Graves, L., 26.
 Gray, D. T., 7, 8.
 Gray, J. C., 64, 65.
 Gray, R. P., 34.

- Graybill, J. L., 76.
 Grayson, D. A., 8.
 Greaves, J. E., 72, 73.
 Green, C. R., 37.
 Green, L. M., 78.
 Green, S. J., 33.
 Green, W. J., 59.
 Greene, C. W., 9.
 Greene, E. B., 23.
 Greene, J. H., 17.
 Greene, L., 27.
 Greer, J., 62.
 Greer, R. A., 69.
 Greever, G., 11.
 Gregg, C. J., 68.
 Gregg, J. W., 64, 65.
 Gregg, O. I., 38.
 Gregory, C. T., 53.
 Gregory, C. V., 26, 27.
 Gregory, W. B., 5.
 Gribben, R. L., 37.
 Griffin, F. L., 62, 63.
 Griffin, H. P., 45.
 Griffin, J. T., 75.
 Griffith, W. A., 35.
 Griffith, W. E., 53.
 Griggs, C. H., 72.
 Griggs, E. L., 19.
 Griggs, R. F., 58.
 Griggs, W. D., 69.
 Grimes, N. C., 10.
 Grindley, H. S., 22, 23.
 Griswold, D. T., 71.
 Grossenbacher, J. G., 52.
 Grossetta, A. V., 10.
 Grossman, J. D., 25.
 Groth, B. H. A., 50.
 Grout, A. P., 22.
 Grout, G. P., 39, 40, 41.
 Grover, A. L., 34.
 Groves, E. R., 48.
 Grubb, E. H., 13.
 Guell, A. R., 32.
 Guernsey, S. C., 27.
 Guild, F. N., 10.
 Gulley, A. G., 15.
 Gummere, W. S., 49.
 Gunderson, C., 60.
 Gunnels, H. C., 7, 8.
 Gunness, C. I., 57.
 Gunson, T., 38.
 Gurney, L. E., 22.
 Guss, S. H., 79.
 Guss, U. C., 61.
 Gustafson, A. F., 22, 23.
 Guthery, J. D., 59.
 Guthrie, E. S., 53, 54.
 Guthrie, J. E., 26.
 Gutsch, M. R., 81.
 Gwinner, H., 35.
 Hackledorn, H., 43, 44.
 Hackleman, J. C., 43, 44.
 Haddon, C. B., 67.
 Hadley, F. B., 80, 81.
 Hadley, H., 51.
 Hadley, M. B., 18.
 Hadley, P. B., 66.
 Hadlock, W. L., 78.
 Haecker, A. L., 46, 47.
 Haecker, T. L., 39, 40, 41.
 Hagemann, E. H., 12, 13.
 Hagerty, C. T., 51.
 Hagerty, J. E., 58.
 Hahn, A., 60.
 Haidusek, A., 70, 71.
 Haigh, L. D., 43, 44.
 Haines, A. E., 50.
 Haines, W. T., 33.
 Hall, A. C., 40.
 Hall, A. G., 5.
 Hall, F. H., 52.
 Hall, F. P., 10.
 Hall, H. M., 12, 13.
 Hall, J. G., 66.
 Hall, J. T., 43.
 Hall, L. D., 23.
 Hall, W. W., 53.
 Haller, F. L., 46.
 Halligan, C. P., 38, 39.
 Halligan, J. B., 76.
 Halligan, J. E., 33.
 Hallsted, A. L., 30.
 Halpin, J. G., 80, 81.
 Halsted, B. D., 49, 50.
 Ham, F. W., 45.
 Ham, W. R., 63.
 Hamill, J. L., 63.
 Hamilton, E. W., 26.
 Hamilton, J., 5, 6, 63.
 Hamilton, J. B., 69.
 Hamilton, J. M., 6, 45.
 Hamilton, J. O., 28.
 Hamlin, T. L., 34.
 Hammett, F. S., 66.
 Hammond, H. S., 51.
 Hammond, J. W., 59.
 Hammond, M. B., 58.
 Hammond, R. L., 34.
 Hammond, W. F., 74.
 Hammond, W. R., 20.
 Hamner, N. C., 71.
 Hand, J. L., 19.
 Hand, W. F., 41.
 Handschin, W. F., 40, 41.
 Hanemann, A. H., 33.
 Haner, Mrs. J. L. K., 22.
 Hanks, L. S., 79.
 Hansen, A. J., 73.
 Hansen, N. E., 68, 69.
 Hanson, H. H., 34.
 Haralson, C., 41.
 Haralson, F., 41.
 Harbert, J. F., 31.
 Hard, H. A., 56.
 Harden, F. G., 5.
 Hardie, R. A., 8.
 Hardin, M. B., 67.
 Harding, A. S., 68.
 Harding, E. P., 62.
 Harding, H. A., 52.
 Hardman, L. G., 19.
 Hardy, J. C., 6, 41.
 Hare, A. J., 78.
 Hare, C. LeR., 7, 8.
 Hare, C. W., 8.
 Hare, R. F., 51.
 Hargrave, C. M., 38.
 Hargreaves, S., 74.
 Haring, C. M., 12, 13.
 Harkins, L. A., 45.
 Harned, R. W., 41, 42.
 Harper, E. B., 47.
 Harper, J. N., 67.
 Harper, M. W., 53, 54.
 Harrelson, J. W., 55.
 Harrington, H. H., 71.
 Harrington, W. W., 16.
 Harris, A. C., 24.
 Harris, A. L., 29.
 Harris, D. N., 67.
 Harris, E. D., 57.
 Harris, F. C., 29.
 Harris, F. S., 53, 54.
 Harris, H. D., 61.
 Harris, R. T., 81.
 Harris, T. H., 31.
 Harrison, B. M., 27.
 Harrison, H. T., 35.
 Harrison, O., 18.
 Harrison, T. P., 54.
 Harrison, W. H., 45.
 Hart, E. B., 80, 81.
 Hart, J. H., 76.
 Hart, J. N., 34.
 Hart, J. W., 19.
 Hart, L. C., 19.
 Hart, R. A., 5, 73.
 Hart, W. R., 36.
 Hartenbower, A. C., 60, 61.
 Harter, G. A., 16.
 Hartman, H. R., 56.
 Hartman, L. W., 48.
 Hartman, W. S., 45.
 Hartung, W. J., 21.
 Hartwell, B. L., 66.
 Hartzell, F. Z., 52.
 Hartzell, S. A., 27.
 Hasbrouck, P. B., 36.
 Haseman, C., 48.
 Haseman, L., 43, 44.
 Haskell, C. G., 5.
 Haskell, E. J., 33.
 Haskell, S. B., 37.
 Haskins, H. D., 37.
 Haslam, T. P., 30.
 Hastings, E. G., 80, 81.
 Haswell, J. R., 5.
 Hatch, B. C., 64.
 Hatch, F. L., 22.
 Hatch, K. L., 80, 81.
 Hathaway, J. S., 31.
 Haugan, H. A., 22.
 Hause, E. S., 40.
 Hausknecht, V. B., 50.
 Haviland, L. P., 52.
 Hawes, A. F., 74.
 Hawk, F. D., 12, 13.
 Hawk, P. B., 23.
 Hawkes, E. O., 76.
 Hawley, C. L., 61.
 Hay, M. E., 77.
 Hayden, A., 26.
 Hayden, C. C., 23, 24.
 Hayden, H. E., 71.
 Hayes, F. M., 30.
 Hayes, H. K., 15.
 Hayes, M., 16.
 Hayes, W. S., 68.
 Hayhurst, P., 11.
 Haymes, F. L., 60.
 Hays, F. M., 29.
 Hays, Mrs. S. H., 21.
 Hayward, H., 16, 17.
 Hayward, H. S., 76.
 Haywood, W. G., 55.
 Hazel, J. H., 20.
 Headden, W. P., 14.
 Headlee, T. J., 28, 29.
 Healey, D. J., 30, 31.
 Hean, C. S., 81.
 Hearn, W. E., 55.
 Hearst, Mrs. P. A., 11.
 Hebard, G. R., 82.
 Heck, R. C. H., 50.
 Heck, W. C., 71.
 Hedges, C. C., 53.
 Hedges, M., 47.
 Hedrick, W. O., 38.
 Hedrick, U. P., 52.
 Hegnauer, L., 77, 78.
 Heideman, C. W., jr., 4, 9.
 Heideman, W. H., 22.
 Heiss, J., 24.
 Helder, G. K., 30.
 Heldring, J. J. L., 77.
 Heller, A. A., 48.
 Heller, C. S., 37.
 Hellman, I. W., 11.
 Helme, N., 66.
 Helyar, J. P., 74.
 Hemphill, R. G., 5.
 Henderson, C. B., 47.
 Henderson, J. J., 32.
 Henderson, O. H., 27.
 Henderson, V. H., 11.
 Henderson, W., 19.
 Henderson, W. F., 75.
 Hendren, L. L., 19.
 Hendrick, Mrs. M., 38.
 Hendricks, G. B., 73.
 Hendrix, B. W., 59.
 Hendrix, W. J., 43, 44.
 Henley, W. W., 10.
 Hennessey, P. J., 77.
 Henry, D. H., 67.
 Henry, E. S., 15.
 Henry, R. L., 32.
 Henry, W., 4.
 Henry, W. A., 80, 81.
 Hensel, H., 38.
 Henshaw, M., 60.
 Hepburn, N. W., 23, 24.
 Hepburn, W. M., 24.
 Hepner, F. E., 82.
 Herbert, J. C., 41.
 Herbert, J. W., jr., 49.
 Herbert, R. O., 10.
 Herget, A. M., 32.
 Herms, W. B., 12, 13.
 Herrick, G. W., 53, 54.

- Herrick, R. S., 15.
 Herring, L. J., 19.
 Herrington, J. A., 71.
 Herrington, S. E., 71.
 Herron, J. B., 71.
 Herron, L. E., 76.
 Hershey, H. F., 64, 65.
 Hess, A., 45.
 Hess, W. E., 5, 65.
 Hetzell, R. D., 62.
 Hewitt, C. E., 48.
 Hewitt, J. L., 11.
 Heyl, F. W., 82.
 Hibbard, B. H., 26.
 Hibbard, P. L., 12, 13.
 Hibbard, R. P., 41, 42.
 Hibshman, E. K., 64, 65.
 Hidinger, L. L., 5.
 Hiester, G., 63.
 Higbie, E. C., 41.
 Higgins, J. C., 16.
 Higgins, J. E., 4, 21.
 Hilgard, E. W., 12, 13.
 Hill, A. R., 6, 43, 44.
 Hill, C. O., 70.
 Hill, D. H., 6, 54.
 Hill, G., 31.
 Hill, G. R., jr., 53.
 Hill, H., 55.
 Hill, H. A., 33.
 Hill, H. H., 75.
 Hill, H. W. (Nev.), 47.
 Hill, H. W. (Vt.), 73.
 Hill, J. A., 82.
 Hill, J. B., 64, 65.
 Hill, L., 68.
 Hill, R. S., 35.
 Hill, W. F., 63.
 Hills, J. L., 6, 74.
 Hilyer, J. V., 18.
 Himes, J. S., 45.
 Himes, R. L., 32.
 Hinds, W. E., 7, 8.
 Hine, G. S., 29.
 Hine, J. S., 58.
 Hines, G. L., 60.
 Hingston, N. E., 45.
 Hinman, C. H., 14.
 Hirst, C. T., 73.
 Hiscock, F. H., 52.
 Hitch, H. J., 36.
 Hitchcock, A. E., 68.
 Hitchcock, L. W., 49.
 Hite, B. H., 78, 79.
 Hite, J. E., 19.
 Hixon, R. R., 7.
 Hoagland, R., 39, 40, 41.
 Hoard, W. D., 79.
 Hobbs, C. M., 24.
 Hoblit, M. L., 51.
 Hodges, J. T., 72.
 Hodges, T. E., 79.
 Hodgkins, M., 49.
 Hodgkiss, H. E., 52.
 Hodgson, E. R., 75.
 Hoefer, E. G., 82.
 Hoff, E. J., 5.
 Hoff, E. P., 73.
 Hoffecker, F. H., 17.
 Hoffer, G. N., 24.
 Hoffman, A. H., 26.
 Hoffman, J. W., 72.
 Hoffman, P. A., 24.
 Hoffmann, C., 80, 81.
 Hogenson, J. C., 72, 73.
 Holbrook, P. K., 25.
 Holch, R. E., 32.
 Holcomb, G. N., 37.
 Holcomb, J., 11.
 Holdaway, C. W., 75.
 Holden, P. G., 6, 27.
 Holden, R. J., 75.
 Holland, E. B., 37.
 Hollar, J. H., 28.
 Holler, Z. N., 60.
 Holley, G. M., 38.
 Hollifield, M. H., 7.
 Hollinshead, L., 40.
 Hollister, G. H., 56.
 Hollister, S. P., 76.
 Holloway, G. A., 20.
 Holloway, W. M., 18.
 Holly, T., 72.
 Holmes, A. G., 67.
 Holmes, F. S., 75.
 Holmes, H. C., 71.
 Holmes, W., 60.
 Holmes, W. R., 38.
 Holroyd, I. E., 28.
 Holsinger, C. V., 29.
 Holt, C. L., 38.
 Holt, S. V., 23.
 Holt, V., 4, 21.
 Holton, E. L., 29.
 Hook, J. N., 67.
 Hooker, W. A., 4.
 Hooper, A., 35.
 Hooper, J. J., 30.
 Hooper, W. D., 19.
 Hoover, J. M., 56.
 Hope, L., 80, 81.
 Hopkins, C. G., 22, 23.
 Hopphan, K. E., 38.
 Hopson, G. A., 15.
 Hopt, E., 46, 47.
 Horne, A., 55.
 Horne, W. T., 12, 13.
 Horner, J. B., 62.
 Hoskins, E. E., 23.
 Hoskins, J. D., 69.
 Hosmer, R. S., 20.
 Hossinger, J. H., 16.
 Hotchkiss, W. S., 71.
 Hottes, C. F., 23.
 Houghton, C. O., 16.
 House, A. B., 60.
 House, E. B., 14.
 House, W. L., 28.
 Householder, F. C., 57.
 Houser, J. S., 59.
 Houser, T., 59.
 Houseworth, E. E., 72.
 Houston, H., 67.
 Houston, M. E., 76.
 Houston, S. T., 36.
 Hovland, H. B., 39.
 Howard, G. F., 40.
 Howard, J. T., 37.
 Howard, R. F., 46, 47.
 Howard, S. F., 37.
 Howard, W. H. A., 18.
 Howard, W. L., 43, 44.
 Howe, A., 76.
 Howe, E. D., 36.
 Howell, R. C., 32.
 Hoyt, W. D., 50.
 Hubert, J., 35.
 Hudnall, R. H., 75.
 Hudson, B., 18.
 Hudson, R., 38.
 Hudson, T. G., 19.
 Huff, L. B., 63.
 Huggins, J., 8.
 Hughes, C. M., 56.
 Hughes, D. M., 19.
 Hughes, H. D., 26, 27.
 Hughes, J. S., 29.
 Hughes, T. W., 32.
 Hulme, E. M., 22.
 Humbert, E. P., 53, 54.
 Hume, A. N., 22, 23.
 Hume, E. E., 31.
 Humphrey, G. C., 80, 81.
 Humphrey, H. B., 77, 78.
 Humphrey, H. D., 14.
 Humphrey, J. A., 29.
 Hunn, C. E., 53.
 Hunn, C. J., 4, 21.
 Hunn, J., 16.
 Hunt, A., 38.
 Hunt, B. P., 8.
 Hunt, L. W., 77.
 Hunt, R. N., 78.
 Hunt, T. F. (Cal.), 12, 13.
 Hunt, T. F. (Pa.), 6, 63, 64.
 Hunt, Mrs. T. M. R., 72.
 Hunter, J. E., 67.
 Hunter, J. S., 12, 13.
 Hunter, W. K., 70.
 Huntington, C. C., 59.
 Huntington, E. A., 72.
 Huntington, E. C., 40.
 Huntsman, S., 73.
 Hunziker, O. F., 24, 25.
 Hurd, L. M., 53.
 Hurd, W. D., 36.
 Hurst, F. G., 22.
 Huse, H. K., 29.
 Huse, H. M., 77.
 Huston, F., 62.
 Huston, R. C., 77.
 Hutcheson, T. B., 75.
 Hutchins, A. L., 76.
 Hutchinson, W. L., 41.
 Hutchison, C. B., 43, 44.
 Hutchison, G. G., 63.
 Hutchison, J. R., 82.
 Hutt, W. N., 55.
 Hutton, G., 81.
 Hutton, J. B., 17.
 Hyatt, E., 11.
 Hyde, E., 76.
 Hyde, H. W., 68.
 Hyslop, G. R., 62, 63.
 Ickelheimer, H. R., 52.
 Iddings, E. J., 21, 22.
 Ince, J. W., 57.
 Ingham, N. D., 12, 13.
 Ingraham, E. S., 58.
 Ingram, R. C., 12.
 Irvine, B. F., 61.
 Irvine, W. H., 69.
 Isaacs, C. A., 77.
 Isaacs, R. L., 72.
 Isham, C. S., 76.
 Jackman, W. T., 74.
 Jackson, C. F., 48.
 Jackson, E. P., 62.
 Jackson, H. S., 62.
 Jackson, H. W., 64, 65.
 Jackson, J. B., 8.
 Jackson, J. Q., 55.
 Jackson, L. F., 77.
 Jackson, S. C., 43.
 Jackson, W. M., 81.
 Jackson, W. P., 36.
 Jacob, M., 70.
 Jacobs, E. C., 74.
 Jacobson, C. A., 48.
 Jacoby, F. S., 29, 30.
 Jaffa, M. E., 12, 13.
 Jahns, L. M., 80, 81.
 James, A. C., 76.
 James, C., 48.
 James, E. J., 22.
 Jamison, A. P., 24.
 Jamison, G. A., 24.
 Jardine, W. M., 28, 29.
 Jarnagin, M. P., 19.
 Jarrell, T. D., 35.
 Jarvis, C. M., 15, 16.
 Jarvis, J. D., 24.
 Jason, W. C., 17.
 astro, H. A., 11.
 Jayne, S. O., 5.
 Jefferson, E., 59.
 Jeffery, J. A., 38, 39.
 Jeffords, T. M., 60.
 Jeffrey, J. S., 55.
 Jeffries, J. H., 55.
 Jenkins, E. E., 18.
 Jenkins, E. H., 15.
 Jenks, F. B., 37.
 Jenness, J. R., 29.
 Jensen, C., 30.
 Jensen, J. C., 73.
 Jensen, J. W., 72.
 Jensen, W. A., 62.
 Jett, W. H., 76.
 Jewett, H. H., 35.
 Jinks, J. H., 76.
 Job, H. K., 16.
 Jobbins, D. M., 50.
 Jodidi, S. L., 27.
 Johannsen, O. A., 34.
 Johnson, A. G., 25.
 Johnson, A. R., 50.
 Johnson, C. L., 62.
 Johnson, E. (Fla.), 18.

- Johnson, E. (Kans.), 29.
 Johnson, F. C., 18.
 Johnson, F. E., 12, 13.
 Johnson, F. S., 11.
 Johnson, G. G., 68.
 Johnson, J., 81.
 Johnson, J. R., 61.
 Johnson, L., 45.
 Johnson, L. A., 77.
 Johnson, L. E., 74, 75.
 Johnson, L. R., 9.
 Johnson, M. B., 57.
 Johnson, M. F., 38.
 Johnson, O. M., 59.
 Johnson, R. F., 72.
 Johnson, S. A., 14.
 Johnson, T. C., 75.
 Johnson, T. S., 18.
 Johnson, W. T., 56.
 Johnston, A. D., 40.
 Johnston, Mrs. C. E., 4.
 Johnston, E., 76.
 Johnston, E. P., 28.
 Johnston, F. A., 75.
 Johnston, W. W., 60.
 Johnstone, A., 66.
 Johnstone, B. H., 67.
 Jones, A. A., 43, 44.
 Jones, A. C., 82.
 Jones, C., 31.
 Jones, C. B., 76.
 Jones, C. E., 79.
 Jones, C. H., 74.
 Jones, C. L., 33.
 Jones, D. C., 71.
 Jones, E. B., 18.
 Jones, E. L., 79.
 Jones, E. R., 80, 81.
 Jones, G., 10.
 Jones, G. D., 79.
 Jones, G. H., 61.
 Jones, J. C., 48.
 Jones, J. F., 64.
 Jones, J. H., 36.
 Jones, J. S., 21, 22.
 Jones, L. A., 5.
 Jones, L. R., 80, 81.
 Jones, M. V., 76.
 Jones, O. B., 59.
 Jones, O. L., 81.
 Jones, P. W. L., 31.
 Jones, R. C., 45.
 Jones, R. K., 34.
 Jones, S. B., 56.
 Jones, V. R., 64.
 Jones, W. J., jr., 25.
 Jones, W. M., 26.
 Jordan, A. E., 21.
 Jordan, E. L., 32.
 Jordan, W. H., 6, 52.
 Judisch, G., 27.
 Judson, L. B., 53, 54.
 Jurrjens, J. C., 81.
 Kalkus, J. W., 77, 78.
 Kammeyer, J. E., 28.
 Kanaga, E. D., 22.
 Karnes, J. V. C., 43.
 Kately, F., 45.
 Katz, S. H., 49.
 Kaufman, F. J., 64.
 Kaupp, B. F., 14, 15.
 Kay, M., 28.
 Kean, J. C., 42.
 Kearney, M. M., 32.
 Kedzie, F. S., 37.
 Keene, E. S., 56.
 Keene, J. R., 36.
 Keene, L., 44.
 Keffer, C. A., 69, 70.
 Keith, M. H., 60.
 Keith, W. J., 64.
 Keitt, T. E., 67.
 Keitt, T. W., 67.
 Keller, A. R., 20.
 Keller, G., 79.
 Kelley, A., 68.
 Kelley, C. W., 56.
 Kelley, W. P., 4, 21.
 Kellogg, H., 27.
 Kellogg, L. L., 49.
 Kellum, J. G., 17, 18.
 Kelly, H. M., 30.
 Kelly, J. B., 71.
 Kelly, L., 4, 9.
 Kelly, W. A., 5.
 Kelsall, G. A., 38.
 Kelsey, C. H., 76.
 Kelton, F. C., 10.
 Kempster, H. L., 38.
 Kendall, J. C., 49.
 Kennedy, C., 40, 41.
 Kennedy, C. V., 57.
 Kennedy, M. B., 48.
 Kennedy, P. B., 47, 48.
 Kennedy, W. J., 26, 27.
 Kenney, F. C., 36, 37.
 Kenswill, E. F., 18.
 Kent, F. L., 62.
 Kenyon, A. M., 24.
 Kephart, C. F., 49.
 Keplinger, P., 78.
 Keppel, H. G., 18.
 Kern, C. A., 74.
 Kern, F. D., 25.
 Kerr, A. P., 33.
 Kerr, C., 73.
 Kerr, E. W., 32, 33.
 Kerr, G. G., 16.
 Kerr, J., 24.
 Kerr, W. J., 62.
 Ketcham, V. A., 34.
 Kettle, S. I., 14.
 Keyes, J. J., 7.
 Keyser, A., 14.
 Keyser, V., 6, 46.
 Kiah, T. H., 36.
 Kidd, J. W., 70.
 Kidd, W. E., 25.
 Kidder, A. F., 32.
 Kidder, F. T., 73.
 Kidder, I. A., 62.
 Kiesselbach, T. A., 47.
 Kildee, H. H., 26, 27.
 Kilgore, B. W., 55.
 Kimball, C. D., 65.
 Kimbrough, J. M., 19.
 King, C. M., 27.
 King, E. S., 38.
 King, F. G., 25.
 King, H. E., 9.
 King, H. H., 28.
 King, M. L., 27.
 King, T. B., 17, 18.
 Kinghorn, P., 76.
 Kingman, H. E., 14.
 Kingsbury, F. B., 64.
 Kingsbury, L., 76.
 Kingsley, D. P., 73.
 Kinkead, E. S., 30.
 Kinley, D., 23.
 Kinman, C. F., 5, 65.
 Kinney, E. J., 31.
 Kinzer, R. J., 28, 29.
 Kipp, H. A., 5.
 Kirkpatrick, B. F., 74.
 Kirkpatrick, J. B., 49.
 Kirkpatrick, K. A., 40.
 Kirkpatrick, W. F., 42.
 Kirshman, J. E., 57.
 Kleeberger, F. L., 10.
 Kleinheinz, F., 80, 81.
 Kline, L. D., 74.
 Klugh, W. W., 67.
 Klutz, W. L., 56.
 Knabe, W. A., 70.
 Knapp, H., 25, 26.
 Kneale, R. D., 45.
 Knepper, M. E., 62.
 Knight, C. S., 48.
 Knight, F. C., 28.
 Knight, G. W., 58.
 Knight, H. G., 82.
 Knight, H. L., 4.
 Knoll, F. P., 64, 65.
 Knorr, F., 47.
 Knott, W. V., 18.
 Knowles, N. S., 27.
 Knudson, L., 53, 54.
 Koebele, A., 21.
 Koeber, J., 62, 63.
 Kohler, A. R., 40, 41.
 Kollock, H. G. M., 16.
 Kone, E. R., 70, 71.
 Koonce, E. M., 54.
 Kortright, F. L., 79.
 Kountz, M., 45.
 Krak, J. H. B., 79.
 Krall, J., jr., 5, 22.
 Kramer, W. H., 59.
 Kraus, E. J., 62, 63.
 Krauss, F. G., 4, 21.
 Kreager, F. O., 77.
 Krentel, A. P., 38.
 Kroeger, G., 22.
 Krum, W. G., 53.
 Kruse, S. A., 71.
 Krusekopf, H., 43, 44.
 Kubin, E. F., 29, 39.
 Kunerth, W., 26.
 Kunkel, L. O., 43.
 Kunst, F. B., 79.
 Kunze, E. J., 38.
 Kyle, C., 73.
 Kyle, E. J., 70.
 Kyle, G. J., 51.
 Kyle, H. G., 69.
 LaBach, J. O., 30, 31.
 Lacy, E. A. L., 75.
 LaCrosse, J. F., 76.
 Ladd, E. F., 56, 57.
 Laidley, G. S., 78, 79.
 Lain, G. E., 51.
 Lamb, C. C., 63.
 Lambert, D. J., 66.
 Lambert, F. A., 59.
 Lamoureux, D. P., 79.
 Lamoureux, A. J., 53.
 Lamson, G. H., jr., 15, 16.
 Landacre, F. L., 58.
 Landes, S. W., 60.
 Landess, W. M., 19.
 Landon, Mrs. L. E., 39.
 Lane, C. H., 70.
 Lane, S., 76.
 Lane, W. C., 28.
 Lane, W. J., 16.
 Lang, LeR., 23, 24.
 Langlois, E. C., 78.
 Langridge, F. N., 14.
 Langton, W. S., 72.
 Langworthy, C. F., 4, 5.
 Lansing, R. C., 39, 40.
 Lanxon, W. R., 57.
 Laper, C. G., 60.
 Larkins, L. S., 33.
 Larsen, C., 68, 69.
 Larsen, C. M., 72.
 Larsen, L. D., 21.
 Larson, C. W., 64, 65.
 Larson, R. A., 69.
 LaRue, M. E., 9.
 Lassalle, L. J., 64.
 Lassell, W. A., 51.
 Lassetter, W. C., 11.
 Latane, R. P., 55.
 Laton, T. J., 49.
 Latta, W. C., 6, 24.
 Lauck, W. H., 5.
 Lauman, G. N., 53.
 Laver, M. R., 58.
 Lawrason, S. McC., 31.
 Lawrence, E. A., 68.
 Lawrence, H. W., 74.
 Lawrence, J. W., 14.
 Lawrence, W. E., 62, 63.
 Lawrence, W. H., 78.
 Laws, A. G., 43.
 Laws, L. P., 17.
 Lawson, E. W., 75.
 Lawson, G. L., 22.
 Lawson, J. L., 31.
 Laycock, J. T., 32.
 Laycock, W. E., 38.
 Layman, J. D., 48.
 Lazenby, W. R., 58.
 Lea, E. J., 12, 13.
 Lea, P., 16.
 Lear, J. E., 71.
 Leavell, R. H., 70.
 Leavitt, R., 25.

- Leavitt, S., 70.
 Lee, C. B., 47.
 Lee, C. E., 80, 81.
 Lee, F. M., 20.
 Lee, J. G., 32.
 Lee, R. E., 67.
 Leenhoff, J. W. van, 5, 65.
 Lefevre, G., 43.
 Le Fevre, J., 49.
 Lefler, S., 38.
 Legett, K. K., 70, 71.
 Lehmann, E. W., 71.
 Leighton, V. L., 66.
 Leighty, C. E., 53, 54.
 Leith, B. D., 81.
 Leland, E. W., 53, 54.
 Lemon, J. G., 20.
 Lentner, S. M., 26.
 Lenton, W., 11.
 Leonard, A., 28.
 Leonard, W. J., 78.
 Leupp, W. H., 49.
 Levister, B., 68.
 Levy, L., 68.
 Lewers, K., 48.
 Lewers, R., 47, 48.
 Lewis, A. G., 52.
 Lewis, C. E., 34.
 Lewis, C. I., 62.
 Lewis, H. G., 44.
 Lewis, J., 41, 42.
 Lewis, J. G., 77.
 Lewis, J. T., 76.
 Lewis, J. V., 50.
 Lewis, L. L. (Okla.), 60, 61.
 Lewis, L. L. (Va.), 76.
 Lewis, L. M., 51.
 Lewis, M. E., 21.
 Lewis, T. K., 58.
 Lichtenthaler, R. A., 66.
 Ligon, R. F., jr., 7.
 Lill, J. G., 29.
 Lincoln, J. R., 26.
 Lind, J., 39.
 Lindsay, J. I., 74.
 Lindsey, A. E., 29.
 Lindsey, J. B., 37.
 Linfield, F. B., 45, 46.
 Link, G. K., 29.
 Linklater, W. A., 60, 61.
 Linnartz, L. E., 73.
 Lipman, C. B., 12, 13.
 Lipman, J. G., 50.
 Lipp, C. C., 39, 40, 41.
 Lippincott, W. A., 27.
 Lipscomb, G. F., 67.
 Little, C. N., 21.
 Little, E. F., 49.
 Little, E. M., 24.
 Littlejohn, A., 59.
 Liverance, W. B., 38.
 Livermore, K. C., 53, 54.
 Livingston, G., 59.
 Lloyd, E. R., 42.
 Lloyd, F. E., 7, 8.
 Lloyd, J. T., 53.
 Lloyd, J. W., 23, 24.
 Lloyd, W. A., 59.
 Lloyd-Jones, E., 79.
 Lloyd-Jones, O., 81.
 Lockerman, J. H., 35.
 Lockhart, O. C., 58.
 Lockwood, W. P. B., 36.
 Lodge, W. L., 38.
 Logan, C. C., 23.
 Logan, J. H., 50.
 Logan, K. H., 28.
 Logan, W., 8.
 Logan, W. N., 41.
 Logo, V. L., 64.
 Lommen, I. G., 26.
 Long, W. H., 4.
 Long, W. J., 45.
 Longstreth, J. W., 5.
 Longyear, B. O., 14.
 Loomis, A., 80, 81.
 Loomis, H., 69.
 Lord, H. B., 52.
 Lore, C. B., 16.
 Loree, L. F., 49.
 Lory, C. A., 13, 14.
 Lough, M. C., 78, 79.
 Loughridge, J. E., 46.
 Loughridge, R. H., 12, 13.
 Love, H. H., 53, 54.
 Lovejoy, S. C., 63.
 Loveland, G. A., 47.
 Lovett, A. L., 60, 61.
 Lovette, J. W., 79.
 Low, A. S., 76.
 Low, F. F., 76.
 Low, S., 8.
 Lowe, C. D., 64, 65.
 Lowman, W. R., 67.
 Lowry, Mrs. M. M., 79.
 Lowry, M. W., 63.
 Lowry, W. H., 79.
 Lucas, P. V., 61.
 Lueder, C. A., 78.
 Luick, H. F., 27.
 Lumbrick, A., 22, 23.
 Lumsden, D., 49.
 Lund, J., 28.
 Lund, T. H., 69.
 Lunn, A. G., 62, 63.
 Lustrat, J., 19.
 Lutman, B. F., 74.
 Luttrell, E. G., 10.
 Lyford, V. G., 46.
 Lykes, H. P., 19.
 Lyles, W. M., 31.
 Lyman, E., 73, 74.
 Lyman, J. F., 58.
 Lyman, R., 72.
 Lyman, R. P., 38.
 Lynam, W. T., 16.
 Lynch, G. M., 18.
 Lyon, H. L., 21.
 Lyon, T. L., 53, 54.
 Lyon, W. S., 53.
 Lyons, J. H., 31.
 McAdam, D. J., jr., 67.
 McAdory, I. S., 7, 8.
 McAfee, C. B., 44.
 McAlexander, U. G., 62.
 McArdle, H. W., 56.
 McBride, I., 60.
 McBride, R. E., 51.
 McBryde, J. B., 75.
 McBryde, J. M., 75.
 McBurney, R., 60.
 McCain, M. J., 61.
 McCall, A. G., 58.
 McCallum, A. T., 55.
 McCampbell, E. F., 58.
 McCampbell, W. G., 29.
 McCann, S. D., 30.
 McCarthy, C. F., 77.
 McCarthy, J., 50.
 McCharles, C. H., 12, 13.
 McCheyne, G. M., 25.
 McClelland, T. B., 5, 65.
 McClendon, S. E., 33.
 McCloskey, A. G., 53.
 McClung, H. L., 69.
 McClure, L., 40.
 McClure, L. A., 48.
 McCollum, A. R., 70, 71.
 McCollum, E. V., 80, 81.
 McConn, C., 22.
 McConnell, W. R., 64.
 McCool, M. M., 53, 54.
 McCormick, E. B., 28.
 McCormick, V. C., 63.
 McCrary, M. L., 61.
 McCreary, O., 52.
 McCreary, P. L., 12, 13.
 McCrory, S. H., 5.
 McCroskey, R. C., 77.
 McCue, C. A., 16, 17.
 McCullough, J. G., 73.
 McCully, B., 77.
 McCune, C. N., 8.
 McCune, E. C., 72.
 McCutcheon, O. E., 21.
 McDaniel, E., 39.
 McDonald, E. M., 22, 23.
 McDonald, M. (Minn.), 40.
 McDonald, M. (Okla.), 60.
 McDonald, W. T., 77, 78.
 McDonnell, H. B., 35.
 McDowell, Mrs. C. R., 45.
 McDowell, M. S., 64, 65.
 McEathron, W. J., 5.
 McElfresh, G. E., 62.
 McElroy, H. C., 60, 61.
 McEnerney, G. W., 11.
 McFarland, J. W., 25.
 McFarlin, J. W., 31.
 McFeely, E. A., 64.
 McGarran, S. W., 28.
 McGeorge, W. T., 4, 21.
 McGregor, P., 77.
 McGriff, A., 9.
 McGuire, A. J., 40, 41.
 McHatton, T. H., 19.
 McIlhenny, G. A., 41, 42.
 McIntosh, D., 23.
 McIntyre, C. McC., 23.
 McKay, A. B., 41, 42.
 McKay, F. B., 37.
 McKay, G., 77.
 McKee, R. H., 34.
 McKeever, W. A., 28.
 McKell, J. E., 42.
 McKelvie, S., 47.
 McKenzie, A., 76.
 McKenzie, F. A., 58.
 McKeown, J. L., 60.
 McKinley, J. W., 11.
 McKnight, G. H., 58.
 McKnight, H. L., 71.
 McLaughlin, W. W., 5, 73.
 McLean, H. C., 50.
 McLendon, C. A., 19.
 McLester, W. C., 20.
 McLester, Mrs. W. C., 20.
 McLouth, F. D., 62.
 McMeans, A., 57.
 McMillan, S. A., 71.
 McMillin, E., 52.
 McMullan, A. J., 19.
 McMurtry, H. D., 42.
 McNatt, H. E., 43, 44.
 McNeil, J. H., 58.
 McNutt, J. C., 54, 55.
 McOmie, A. M., 10.
 McPheeters, W. H., 71.
 McPherson, H., 76.
 McPherson, J. H. T., 19.
 McPherson, W., 58.
 McQuarrie, C. K., 18.
 McRae, E. M., 24.
 McRae, J. P., 55.
 McSwain, C. W., 67.
 McTier, H. D., 42.
 MeVea, C., 32.
 MeVeety, E., 57.
 MeVey, J. M., 16.
 McWhorter, R. L., 19.
 MacCaughy, V., 20.
 MacDonald, G. B., 26, 27.
 MacDonald, M. B., 64, 65.
 Macdonald, S. L., 14.
 MacDougal, F. H., 71.
 Macfarlane, W., 73.
 MacGillivray, A. D., 53.
 MacIntire, W. H., 64, 65.
 Mack, H. D., 56.
 Mack, J., 10.
 Mack, J. T., 58.
 Mack, M., 28.
 Mack, W. B., 48.
 MacKay, C. J., 26.
 MacKenzie, A. St. C., 30.
 MacKimmie, A. A., 37.
 Mackintosh, R. S., 64.
 MacLane, J. F., 22.
 Maclean, E., 26.
 MacLean, J. A., 21.
 MacLean, M., 26.
 MacMurray, A., 26.
 MacNeal, W. J., 23.
 MacNider, G. M., 55.
 Macomber, M. S., 50.
 Madaus, H. H., 25.
 Madison, E. W., 72.
 Madsen, H. P., 73.

- Madson, B. A., 12, 13.
 Magruder, W. H., 41.
 Mahin, E. G., 24.
 Mahoney, R. E., 5.
 Mairs, T. I., 63, 65.
 Major, C., 24.
 Major, D. R., 58.
 Major, E. W., 12, 13.
 Major, H., 44.
 Malde, O. G., 81.
 Mallette, E. A., 66.
 Mallon, G. W., 58.
 Mallory, W., 14, 75.
 Malone, R. E., 9.
 Maltby, R. D., 18.
 Manchester, H. G., 15.
 Maning, R. I., 66.
 Mann, A. R., 53, 54.
 Mann, C. D., 66.
 Manning, A., 73.
 Manns, T. F., 59.
 Mansell, R. E., 12, 13.
 Mansur, Z. M., 73.
 Marbut, C. F., 43, 44.
 Marelli, H., 50.
 Marinoni, U., 33.
 Mariotte-Davies, P., 24.
 Markey, W. E., 81.
 Marks, J. D., 32.
 Marlatt, A. L., 80, 81.
 Marquardt, C. E., 64.
 Marquette, W. G., 80.
 Marquis J. C., 80, 81.
 Marr, R. A., 75.
 Marsden, R. D., 5.
 Marsh, H. E., 38.
 Marshall, C. E., 38, 39.
 Marshall, Mrs. F. E., 45.
 Marshall, F. R., 58.
 Marshall, G. W., 16, 17.
 Marshall, I. W., 30.
 Marshall, J. D., 14.
 Marshall, J. W., 45.
 Marshall, W. S., 80.
 Marsteller, R. P., 71.
 Martin, A. D., 18.
 Martin, A. E., 18.
 Martin, G. C., 36.
 Martin, G. L., 55, 57.
 Martin, H. L., 7.
 Martin, S. M., 67.
 Martin, S. P., 9.
 Martinet, Mrs. L. M., 33.
 Marty, G., 80, 81.
 Marvin, W. T., 50.
 Mason, C. E., 8.
 Mason, C. J., 16.
 Massey, A. B., 67.
 Mastin, J. C., 31.
 Matheson, R., 53.
 Mathews, H. B., 68.
 Mathewson, T. G., 65.
 Mathias, D. H., 15.
 Matthews, C. W., 30.
 Matthews, H., 41.
 Matthews, W. C., 31.
 Mauldin, I. M., 66.
 Maurer, O., 29.
 Maxon, R. N., 30.
 Maxwell, A. M., 42.
 Maxwell, E. G., 43, 44.
 May, D. W., 5, 65.
 May, V. B., 51.
 Mayhew, J. W., 32.
 Mayhew, S. J., 8.
 Maynard, B. S., 22.
 Maynard, J., 69.
 Maynard, W. H., 70.
 Mayne, D. D., 39, 40.
 Mayne, L. B., 38.
 Mayo, N. S., 75.
 Mayo, W. J., 39.
 Meacham, F. T., 55.
 Mead, E., 13.
 Medcraft, W. G., 10.
 Mearns, E. E., 66.
 Meek, E. B., 64, 65.
 Meeker, A., 22.
 Meguiar, E., 64.
 Meighan, H. A., 48.
 Meiklejohn, R., 58.
 Meinzer, E. G., 28.
 Melander, A. L., 77, 78.
 Melcher, C. R., 30.
 Meldrim, P. W., 20.
 Melhus, I., 81.
 Mellen, F. D., 42.
 Melvin, M. E., 18.
 Menefee, J. A., 61.
 Mengel, C. W., 5.
 Menig, O., 77.
 Menville, R. L., 32.
 Merica, C. O., 82.
 Merrick, L. S., 25.
 Merrill, J. F., 37.
 Merrill, L. A., 72, 73.
 Merrill, L. H., 34.
 Merrill, L. S., 34.
 Merrill, N. F., 74.
 Merrow, H. L., 66.
 Merryman, E. G., 35.
 Merz, H., 82.
 Messenger, J. F., 74.
 Messick, J. F., 7.
 Messick, S. H., 16.
 Metcalf, Z. P., 55.
 Meyer, G. H., 23.
 Meyers, A., 73.
 Michaelides, H. I., 38.
 Michie, J. N., 71.
 Middlekauff, H., 82.
 Middleton, A. R., 24.
 Miles, E. F., 29.
 Milham, J. A., 30.
 Miller, A. McQ., 30.
 Miller, C., 63.
 Miller, D. G., 5.
 Miller, E. C., 13.
 Miller, E. R., 7.
 Miller, E. S., 52.
 Miller, E. W., 81.
 Miller, F. C., 64.
 Miller, G. E., 57.
 Miller, H. A., 24.
 Miller, J., 68.
 Miller, J. H., 6, 29.
 Miller, J. O., 51.
 Miller, M. F., 43, 44.
 Miller, P. C., 51.
 Miller, R. F., 46.
 Miller, Mrs. S. H., 43.
 Miller, S. P., 68.
 Miller, T. E., 68.
 Millett, H. A., 34.
 Milliken, F. B., 29, 30.
 Mills, G. F., 36.
 Mills, H. C., 25.
 Mills, S. P., 33.
 Mills, W. J., 51.
 Milner, R. D., 5.
 Milner, R. T., 70.
 Miltimore, C. A., 60.
 Milward, J. G., 80, 81.
 Minard, A. E., 56.
 Minear, S. A., 19.
 Miner, L. R., 76.
 Minkler, F. C., 50.
 Minns, E. R., 53, 54.
 Minor, J. B., 56.
 Miskimen, M., 59.
 Mitcham, G. N., 7.
 Mitchell, A., 71.
 Mitchell, C. E., 79.
 Mitchell, D. C., 40.
 Mitchell, Mrs. E. M., 79.
 Mitchell, G., 27.
 Mitchell, H. F., 61.
 Mitchell, H. W., 63.
 Mitchell, J. W., 71.
 Mitchell, N. E., 27.
 Mitchell, S. R., 51.
 Mitchell, W. L., 7.
 Mixer, C. W., 74.
 Miyawaki, A., 29.
 Mobley, H. S., 11.
 Mobley, J. H., 19.
 Mobley, J. W., 32.
 Moffit, E. H., 21.
 Mohn, E., 60.
 Mokler, A. J., 82.
 Mollison, A. E., 45.
 Money, P. A., 65.
 Monosmith, P. B., 42.
 Monteith, H. R., 15.
 Montgomery, E. G., 46, 47.
 Montgomery, J. P., 41.
 Montgomery, L. M., 59.
 Mooers, C. A., 69, 70.
 Moon, C., 79.
 Moon, F. F., 36.
 Moore, A. F., 22.
 Moore, A. J., 42.
 Moore, E. L., 68, 69.
 Moore, F. C., 48.
 Moore, H. E., 22.
 Moore, J. G., 80, 81.
 Moore, J. S., 41, 42.
 Moore, K. T., 10.
 Moore, P., 22.
 Moore, R. A., 80, 81.
 Moore, R. S., 32.
 Moorhead, M. B., 40.
 Mooring, D. C., 60.
 Moran, T. F., 24.
 Morehouse, A. D., 5.
 Morel, J. F., 62.
 Morgan, A. E., 5, 43, 44.
 Morgan, C. S., 68.
 Morgan, H. A., 69, 70.
 Morgan, H. H., jr., 17.
 Morgan, J. O., 41.
 Morgan, W. H., 67.
 Morley, W. S., 21.
 Morman, J. B., 4.
 Morphis, R. W., 56.
 Morrell, L. L., 52.
 Morrey, C. B., 58.
 Morrill, A. W., 10.
 Morris, E. L., 12, 13.
 Morris, H. E., 46.
 Morris, J., 19.
 Morris, O. M., 78.
 Morris, R., 50.
 Morris, R. T., 52.
 Morris, S., 77.
 Morris, T. D., 70.
 Morris, W. E., 81.
 Morris, W. F., 55.
 Morrison, C. B., 15.
 Morrison, G. L., 76.
 Morrison, J. H., 72.
 Morrison, M., 51.
 Morrison, W. S., 67.
 Morrow, H. E., 11.
 Morse, B. C., 23.
 Morse, E. W., 4.
 Morse, F. W., 37.
 Morse, W. C., 59.
 Morse, W. J., 34.
 Morten, J., 68.
 Mortensen, M., 26, 27.
 Mortland, I., 32.
 Morton, C. A., 29.
 Morton, G. E., 14.
 Morton, J., 51.
 Mosby, T. S., 44.
 Moseley, J. H., 43.
 Moseley, R. W., 81.
 Moses, A., 70.
 Mosher, A. G., 26.
 Mosher, M. L., 27.
 Mosier, J. G., 22, 23.
 Moten, J., 45.
 Motin, F. E., 45.
 Moton, R. R., 76.
 Moulton, C. R., 43, 44.
 Moulton, M. E., 76.
 Mower, E. C., 73.
 Mowry, J. L., 40.
 Muir, F., 21.
 Muldrow, C., 68.
 Mulford, H. Du B., 50.
 Mulligan, C. A., 69.
 Mulvania, M., 70.
 Mumford, F. B., 43, 44.
 Mumford, H. W., 22, 23.
 Mundell, J. E., 51.
 Mundhenk, C. L., 27.
 Munford, W., 8.
 Munro, D. C., 74.
 Murphey, T. E., 42.

- Murphree, A. A., 17.
 Murphy, D. D., 25.
 Murphy, E. S., 79.
 Murphy, H. S., 26.
 Murray, C., 27.
 Murray, G. S., 45.
 Musback, F. L., 81.
 Musselman, H. H., 38.
 Mustard, L. W., 16.
 Myers, C. E., 64, 65.
 Myers, J. J., 38.
 Myers, T. R., 69.
 Myrick, A. B., 74.
 Nabours, R. K., 28, 30.
 Nagle, J. C., 70.
 Napier, J. McG., 67.
 Napp, W. G., 33.
 Nash, C. W., 29.
 Naylor, N., 27.
 Neal, J. W., 4, 9.
 Neal, R. W., 36.
 Needham, J. G., 53.
 Neel, L. R., 70.
 Neelly, J. E., 10.
 Neely, R. C., 19.
 Neff, J. B., 12.
 Nehrling, A. H., 24.
 Neidig, R. E., 27.
 Neilson, J., 49, 50.
 Nelson, A., 82.
 Nelson, A. P., 79.
 Nelson, B. F., 39.
 Nelson, J., 49, 50.
 Nelson, J. B., 46.
 Nelson, M., 11.
 Nelson, P., 5, 20.
 Nelson, S. B., 77, 78.
 Nelson, W. S., 9.
 Nesbit, A. F., 48.
 Nesbitt, N., 43.
 Nesbitt, O., 47.
 Ness, H., 71.
 Netherton, T. M., 14.
 Nettleton, M. W., 76.
 Newell, W., 70, 71.
 Newey, A., 73.
 Newman, C., 38.
 Newman, C. C., 67.
 Newman, C. L., 54.
 Newman, C. M., 75.
 Newman, J. T., 52.
 Newman, P. J., 29.
 Newsom, I. E., 14.
 Newton, H. A. D., 15.
 Newton, J. T., 19.
 Newton, W. R., 50.
 Nicholas, N., 70.
 Nichols, C. B., 30.
 Nichols, I. C., 71.
 Nicholson, J. F., 21, 22.
 Nicholson, J. W., 32.
 Nickerson, W. J., 33.
 Niederhauser, S. W., 64.
 Niederman, G., 23.
 Nixon, C., 53.
 Noble, A. B., 26.
 Noble, A. S., 7.
 Noble, E. C., 47.
 Noble, M. C. S., 56.
 Nock, N. W., 75.
 Noel, H. L., 41.
 Noell, R. J., 74.
 Nolan, A. W., 79.
 Nolan, O., 15.
 Noll, C. F., 64, 65.
 Norby, A. J., 68.
 Norgord, C. P., 80, 81.
 Norman, A. J., 37.
 Norris, R. S., 21.
 North, H. B., 50.
 Northcott, G. A., 78, 79.
 Northrop, C., 39, 40.
 Northrup, Z., 38, 39.
 Norton, G. I., 26.
 Norton, J. B. S., 35.
 Norton, J. H., 12, 13.
 Norton, W. C., 55.
 Nourse, D. O., 66.
 Noyes, A., 29.
 Noyes, J., 37.
 Nutter, J. H., 35.
 Nutter, J. W., 31.
 Nye, W. McE., 24.
 Nystrom, A. B., 77.
 Oak, J. M., 33.
 Oberdorffer, W. J., 37.
 Ockerblad, A. M., 38.
 Ocock, C. A., 80, 81.
 Odell, A. F., 32.
 Ogden, E. L., 4.
 Ogden, R. C., 8, 76.
 Ogier, T. L., 71.
 O'Hanlon, W., 52.
 O'Kane, W. C., 48, 49.
 Okey, C. W., 5.
 Olive, E. W., 68, 69.
 Oliver, H., 28.
 Oliver, J. D., 24.
 Oliver, T. E., 23.
 Olmsted, M. E., 63.
 Olsen, O. M., 40.
 Olson, G. A., 78.
 Olwell, J. D., 61.
 Oneil, Mrs. A. T., 31.
 Oosterhuis, A. C., 80, 81.
 Ormsbee, E. J., 73.
 Orr, B. S., 29.
 Orton, C. R., 25.
 Orton, W. A., 75.
 Orvis, E. L., 63.
 Osborn, G. A., 50.
 Osborn, H., 58.
 Osborne, O. M., 21, 22.
 Osborne, T. B., 15.
 Osler, H. S., 38.
 Osmun, A. V., 37.
 Ostrander, J. E., 36, 37.
 Oswald, W. L., 40.
 Otis, D. H., 80, 81.
 Oviatt, C. J., 82.
 Owen, A. P., 50.
 Owen, E. B., 55.
 Owen, E. J., 50.
 Owen, I. L., 50.
 Owen, W. L., 32.
 Packard, W. E., 12.
 Paddock, W., 58.
 Page, I. E., 61.
 Paige, E. O., 18.
 Paige, J. B., 36, 37.
 Paine, G. S., 48.
 Palmer, E. S., 50.
 Palmer, J. H., 9.
 Palmer, L. S., 43, 44.
 Palmer, M. A., 14, 15.
 Palmer, W. C., 57.
 Palmer, W. R., 34.
 Pammel, L. H., 26, 27.
 Panter, C. R., 33.
 Park, J. B. (Ga.), 19.
 Park, J. B. (Ill.), 23.
 Park, R. E., jr., 19.
 Parker, C. E., 17.
 Parker, E. M., 76.
 Parker, H. C., 72.
 Parker, J. R., 46.
 Parker, J. T., 28.
 Parker, T. B., 55.
 Parker, W. H., 38.
 Parker, W. M., 48.
 Parmelee, C. W., 50.
 Parr, S. W., 23.
 Parrish, G. R., 75.
 Parrish, J. C., 43.
 Parrott, A. H., 56.
 Parrott, J. R., 75.
 Parrott, P. J., 52.
 Parshall, R., 14.
 Parsons, C. L., 48.
 Parsons, T. S., 82.
 Patch, E. M., 34.
 Paterson, A. G., 77.
 Paterson, T. G., 29.
 Patrick, B. S., 7.
 Patrick, I. L., 68.
 Pattee, F. L., 63.
 Pattee, G. K., 64.
 Patten, A. J., 39.
 Patten, D. W., 15.
 Pattengill, E. A., 26.
 Patterson, H. F., 45.
 Patterson, H. J., 35.
 Patterson, J. K., 30.
 Patterson, L. L., 42.
 Patterson, W. H., 63.
 Patton, C. A., 60.
 Patton, E. H., 43.
 Payne, J. E., 15.
 Payne, W. O., 19.
 Paynter, E. R., 16.
 Paynter, W. C., 44.
 Payson, E. R., 50.
 Payson, G. H., 50.
 Peabody, F. G., 76.
 Peabody, G. F., 8, 76.
 Peace, W. G., 54.
 Pears, L. M., 29, 30.
 Pearl, R., 34.
 Pearson, Mrs. D. E., 20.
 Pearson, H., 20.
 Pearson, R. A., 52.
 Pearson, W. W., 61.
 Peavy, G. W., 62.
 Peck, C., 73, 74.
 Peck, S. S., 21.
 Peckham, H. H., 55.
 Pedersen, N. A., 72.
 Peek, E. L., 19.
 Peeples, A., 35.
 Pegues, B. W., 32.
 Pember, F. R., 66.
 Pence, M. L., 30.
 Pennewill, S. S., 16.
 Penny, C. L., 16.
 Penny, R. D., 38.
 Peppard, Mrs. L. L., 38.
 Percy, E. M., 32.
 Perin, S. W., 47.
 Perkins, A. E., 43, 44.
 Perkins, C. L., 37.
 Perkins, G. H., 74.
 Perkins, H. F., 74.
 Perkins, R. C. L., 21.
 Perkins, W. R., 66.
 Perry, F., 10.
 Person, F. G., 14.
 Peteet, W., 70, 71.
 Peter, A. M., 30, 31.
 Peters, L., 10.
 Petersen, N. F., 32.
 Peterson, C., 73.
 Peterson, E., 73.
 Peterson, E. G., 62.
 Peterson, E. L., 78.
 Peterson, L., 80.
 Peterson, P. E., 73.
 Peterson, P. P., 80, 81.
 Peterson, W., 72.
 Peterson, W. H., 80, 81.
 Petrie, G., 7.
 Petrie, T. H., 21.
 Pettee, C. H., 48.
 Pettit, J. H., 22, 23.
 Pettit, R. H., 38, 39.
 Pew, W. H., 26.
 Pfotenhauer, W., 21.
 Phelps, Mrs. C. P., 51.
 Phelps, R. L., 51.
 Phenix, G. P., 76.
 Phillips, A. G., 24, 25.
 Phillips, T. D., 59.
 Phillips, F. J., 46, 47.
 Phillips, H., 12, 13.
 Phillips, J. V., 5.
 Phillips, L., 27.
 Phillips, M. W., 42.
 Phillips, W. J., 25.
 Phinney, E. L., 40.
 Phipps, E., 40.
 Pickel, F. W., 11.
 Pickel, J. M., 55.
 Pickett, B. S., 48, 49.
 Pierce, H., 14.
 Pierce, W. M., 61.
 Pierpont, A. J., 15.
 Pierpont, J. H., 49.
 Pile, G. E., 18.
 Pilkington, B., 63.

- Pillsbury, J. P., 64, 65.
Pillsbury, R. W., 48.
Pinckney, R. M., 46.
Pincomb, H. M., 23.
Ping, E. K., 29.
Pinkett, D. J., 36.
Pinnell, W. R., 31.
Pittuck, B. C., 60, 61.
Placeway, L. A., 26.
Plumb, C. S., 58.
Poats, T. G., 67.
Pohlars, G. F., 5.
Pollard, A. G., 36.
Polson, J. A., 38.
Pomerene, F. W., 58.
Pompey, R. S., 9.
Pond, G. G., 63.
Pond, R. H., 71.
Pond, R. S., 19.
Pool, V. W., 47.
Poore, M. D., 76.
Porcher, A. A., 67.
Porter, B. E., 20.
Porter, C. S., 31.
Porter, C. W., 72.
Porter, H. E., 29.
Porter, J. T., 69.
Porter, S. H., 9.
Porter, W. M., 62.
Porter, W. R. (Cal.), 11.
Porter, W. R. (N. Dak.), 57.
Porterfield, W. P., 56.
Potter, A. A., 28.
Potter, E. L., 62.
Potter, H. B., 26.
Potter, H. M., 38.
Potter, P. D., 64.
Potter, W. R. R., 21.
Potts, A. R., 38.
Potts, A. T., 71.
Potts, R. C., 60, 61.
Potts, R. J., 71.
Pou, R. L., 42.
Powell, E. J., 18.
Powell, H. McL., 10.
Powell, J. H., 43.
Powell, J. S., 73.
Powell, P. P., 7, 8.
Powers, D. T., 32.
Powers, G. D., 48.
Powers, M. R., 66.
Powers, W. H., 68.
Powers, W. L., 62, 63.
Pratt, C. D., 76.
Pratt, F. R., 50.
Pratt, G. K., 31.
Pratt, L. A., 49.
Pratt, W. F., 52.
Prentiss, R. W., 50.
Prescott, A. T., 31, 32.
Preston, A. W., 48.
Preston, C. H., 36.
Preston, J. B., 59.
Price, A. M., 76.
Price, H. C., 58.
Price, H. L., 75.
Price, J. C. C., 7, 8.
Price, R. B., 43, 44.
Price, R. R., 28.
Pritchard, R. S., 64.
Prien, O. L., 82.
Prillerman, B., 79.
Prince, W. E., 34.
Pringle, C. G., 74.
Pritchett, V. C., 55.
Privott, W. W., 36.
Proctor, R., 73.
Proulx, E. G., 25.
Prouty, G. H., 73.
Prucha, M. J., 52.
Pryor, J. W., 30.
Pugsley, C. W., 46, 47.
Pulley, E. P., 73.
Purdy, A. R., 29, 30.
Purinton, D. B., 78.
Purmort, V., 26.
Purvey, C., 70.
Putnam, C. S., 56.
Putnam, E., 29.
Putnam, F. W., 48.
Putnam, M., 78.
Putney, F. S., 66.
Putt, E. B., 57.
Pyke, F. M., 38.
Quarles, J. H., 70.
Quayle, H. J., 12, 13.
Quereau, F. C., 33.
Quigley, J. E., 63.
Quinby, H. B., 48.
Quintero, J., 51.
Raburn, G. E., 29.
Radford, E., 50.
Radford, J. B., 56.
Rae, R. M., 27.
Rafsky, H. R., 57.
Ragan, W. H., 54.
Raggio, A. P., 34.
Rahn, O., 38, 39.
Raiford, L. C., 82.
Rail, E., 46, 47.
Ralph, E. T., 73.
Ralston, W. E., 77.
Ramsey, J. B., 9.
Ramsey, J. R., 43.
Ramsower, H. C., 58.
Randlett, G. W., 57.
Rane, F. W., 37.
Ranger, W. E., 65.
Rankin, F. H., 23.
Rankin, F. J., 14.
Rankin, J. O., 4.
Ransom, J. H., 24.
Rasche, W. H., 75.
Rasmussen, F., 48, 49.
Rather, J. B., 71.
Rausch, M. F., 14.
Raven, W. F., 38.
Ravenel, M. P., 80, 81.
Rawl, B. H., 66.
Ray, B. J., 55.
Ray, P. O., 63.
Raymond, W. R., 26.
Read, A. C., 63.
Read, W. A., 32.
Reade, J. M., 19.
Readhimer, J. E., 23.
Reardon, J., 27.
Reber, L. E., 80.
Reddick, D., 53, 54.
Redifer, A. E., 64.
Redman, R. W., 34.
Reece, R. H., 38.
Reed, A. G., 32.
Reed, B. B., 27.
Reed, C. C., 36.
Reed, E. E., 31.
Reed, G. M., 43.
Reed, H. S. (Mich.), 38.
Reed, H. S. (Va.), 75.
Reed, J. C., 37.
Reed, L. J., 34.
Reed, M. L., 54.
Reed, O. E., 28, 29.
Reed, T. W., 19.
Reed, W. H., 82.
Reeder, G., 43, 44.
Rees, E. L., 30.
Rees, H. L., 44.
Rees, R. W., 62, 63.
Reese, A. M., 78.
Regan, N. A., 22.
Regenstein, E., 30, 31.
Regt, A. C. de, 50.
Reid, I. C., 10.
Reimer, F. C., 54, 55.
Reinstein, J. B., 11.
Remick, B. L., 28.
Remington, R. E., 57.
Ressler, E. DeV., 62.
Rettger, L. F., 16.
Reynolds, E. S., 70.
Reynolds, J., 28.
Reynolds, M. H., 39, 40, 41.
Reynolds, P. L., 37.
Rhys, A., 44.
Rice, A., 28.
Rice, A. E., 39.
Rice, C. C., 22.
Rice, J. E., 53, 54.
Rich, F. A., 74.
Richards, A., 50.
Richards, J. C., jr., 66.
Richards, M. W., 25.
Richards, S. J., 45.
Richards, W. B., 56, 57.
Richardson, A. G. G., 58.
Richardson, C. S., 35.
Richardson, M. R., 55.
Richeson, W. L., 33.
Richmond, M., 78.
Rickman, J. D., 28.
Ricks, J. R., 42.
Ricks, R. H., 54.
Riddick, W. C., 54.
Ridenour, A. E., 28.
Ridgeway, C. B., 82.
Ridgway, C. S., 7, 8.
Ridgway, J. W., 71.
Rietz, H. L., 23.
Riggs, W. M., 66.
Rigney, J. W., 51.
Riley, H. W., 53.
Riley, W. A., 53.
Rinaker, H. B., 23.
Rinehart, E. F., 59.
Rinkle, L. G., 43, 44.
Ritzman, E. G., 5, 65.
Rivarde, L. R., 33.
Rives, J. H., 31.
Robbins, W. S., 60.
Robert, S. A., 70.
Roberts, G., 30, 31.
Roberts, G. A., 54, 55.
Roberts, G. L., 24.
Roberts, H. F., 28, 29.
Roberts, I. P., 52.
Roberts, J. A., 33.
Roberts, J. W., 68.
Roberts, M. M., 26.
Roberts, O. S., 25.
Roberts, P. L., 24.
Roberts, R., 73.
Roberts, R. M., 12, 13.
Roberts, S. C., 77.
Robertson, G. H., 21.
Robertson, J. E., 38.
Robertson, R. D., 5.
Robinson, C. E., 63.
Robinson, C. S., 39.
Robinson, E., 74.
Robinson, R. R., 9.
Robinson, W. A., 38.
Robinson, W. F., 56.
Robson, Mrs. G. A., 38.
Rockafellow, B. F., 13.
Rockwell, W. L., 5.
Rodeheaver, J. N., 68.
Rodell, E. N., 28.
Rodgers, M. C., 72.
Rodgers, R. H., 62.
Rodman, T. C., 66.
Roe, H. B., 40, 41.
Roe, R. B., 15.
Rogers, A. J., jr., 80, 81.
Rogers, B., 28.
Rogers, C. A., 53, 54.
Rogers, F. K., 76.
Rogers, J. S., 64.
Rogers, S. S., 12, 13.
Rolfe, C. W., 23.
Rolf, F. M., 44.
Rolf, P. H., 17, 18.
Roller, E., 38.
Rollins, C. B., 43.
Rollins, W. C., 72.
Romberger, K. E., 76.
Romvedt, A., 62.
Roosevelt, T., 8.
Rose, C. G., 56.
Rose, D. H., 28, 29.
Rose, F., 53.
Rose, L. H., 60.
Rose, R. C., 49.
Roseboom, B. B., jr., 38.
Rosen, J. A., 39.
Rosing, A. S., 38.
Roskrige, G. J., 10.
Ross, B. B., 7, 8.

- Ross, E. J., 60.
 Ross, H. E., 53, 54.
 Ross, W. G., 64, 65.
 Ross, W. H., 10.
 Roston, J. N., 20.
 Rouce, J. A., 61.
 Rouse, I., 52.
 Rowan, G. N., 27.
 Rowan, L. J., 43.
 Rowe, W. E., 30.
 Rowell, C., 11.
 Rowell, J. L., 74.
 Rowell, T. D., 70, 71.
 Rowland, F., 62.
 Roy, R. E., 44.
 Roy, V. L., 32.
 Royal, H. M., 34.
 Rudd, W. N., 70.
 Rudnick, A. W., 29.
 Rudy, A., 55.
 Rueber, A., 57.
 Ruffner, R. H., 35.
 Ruggles, A. G., 40, 41.
 Rule, W., 69.
 Rumsey, W. E., 78, 79.
 Runge, W. E., 14.
 Runk, J. A., 64.
 Runkle, E. W., 63.
 Runyon, M. L., 9.
 Rusk, H. P., 23, 24.
 Russ, A., 59.
 Russel, S., 20.
 Russell, A. R., 55.
 Russell, F. L., 34.
 Russell, G. A., 81.
 Russell, G. E., 27.
 Russell, H. C., 31.
 Russell, H. L., 6, 80, 81.
 Russell, S. M., 9.
 Ruth, W. A., 24.
 Rutherford, J. F., 10.
 Rutland, J. R., 7.
 Rutledge, Mrs. C. N., 45.
 Ruzek, C. V., 11.
 Ryder, E. H., 38.

 Saby, A. G., 62.
 Sachs, W. H., 23.
 Sackett, H. W., 52.
 Sackett, W. G., 14.
 Safford, R. B., 26.
 Safo, V. I., 62.
 Sage, A. B., 51.
 Sahr, C. A., 4, 21.
 St. Clair, P. F., 74.
 St. Martin, F. L., 33.
 Salyer, S. M., 19.
 Sammis, J. L., 80, 81.
 Sampson, D. L., 59.
 Samson, G. R., 62.
 Samuels, A., 32.
 Sanborn, C. E., 60, 61.
 Sanborn, F. E., 58.
 Sandell, H., 80.
 Sanders, J. G., 80, 81.
 Sanders, J. W., 31.
 Sanders, J. Y., 31, 32.
 Sanders, M. B., 60.

 Sanders, S. T., 32.
 Sanderson, E. D., 6, 78.
 Sanford, E. T., 69.
 Sanford, F., 56.
 Sanford, F. H., 38.
 Sanford, S. V., 19.
 Sargent, J. W., 42.
 Sarvis, J. T., 69.
 Sater, L. F., 58.
 Saunders, W. D., 75.
 Sauter, C. C., 35.
 Savage, E. S., 53, 54.
 Sawyer, A. R., 38.
 Sawyer, C. E., 67.
 Saxer, A. H., 73.
 Scammon, R. M., 48.
 Schaefer, F. A., 21.
 Schaeffer, N. C., 63.
 Schaffer, E. G., 29.
 Schaffner, J. H., 58.
 Schalk, A. F., 57.
 Schaphorst, W. F., 51.
 Schaub, I. O., 54.
 Scherffius, B. F., 31.
 Schermerhorn, L. G., 45, 46.
 Schieffelin, W. J., 8, 76.
 Schlick, W. J., 5.
 Schlundt, H., 43.
 Schmelz, H. L., 76.
 Schmidt, L. B., 26.
 Schmitz, N., 35.
 Schnabel, J., 18.
 Schoene, W. J., 52.
 Schoenleber, F. S., 28, 29.
 Schoentgen, E. T., 25.
 Scholl, E., 71.
 Schollander, E. G., 57.
 Schoppe, W. F., 45, 46.
 Schreiber, W. E., 60.
 Schreiner, T. E., 29, 30.
 Schryver, E., 57.
 Schuler, C., 32.
 Schulte, J. I., 4.
 Schultz, H. H., 51.
 Schultz, L., 60.
 Schulz, C. G., 39.
 Schurman, J. G., 52.
 Schwab, C. M., 63.
 Schweitzer, P., 43, 44.
 Scoates, D., 41.
 Scoffin, L. B., 70.
 Scothorn, R. A., 59.
 Scott, A., 49.
 Scott, C. A., 28, 29.
 Scott, C. W., 48.
 Scott, E. L., 32.
 Scott, E. M., 59.
 Scott, F. W., 23.
 Scott, G. E., 59.
 Scott, G. L., 38.
 Scott, G. T., 76.
 Scott, J. M., 18.
 Scott, M. B., 7.
 Scott, R. W., 55.
 Scott, R. W., jr., 55.
 Scott, S. J., 76.
 Scovell, M. A., 6, 30, 31.

 Scoville, W. H., 76.
 Scroggs, W. O., 32.
 Scudder, H. D., 62.
 Scudder, M. T., 50.
 Scull, D. E., 57.
 Searle, J. P., 49.
 Sears, F. C., 36, 37.
 Sears, W. J., 58.
 Searson, J. W., 28.
 Sease, L. A., 67.
 Seaton, R. A., 28.
 Sebastian, W. P., 70, 71.
 Sechrist, F. K., 66.
 Secrest, E., 59.
 Segall, J. B., 34.
 Seibert, D., 35.
 Seicke, C. A., 62.
 Selby, A. D., 59.
 Selby, L. B., 55.
 Seldomridge, H. G., 60.
 Selvig, C. G., 41.
 Sessions, H., 27.
 Setchell, W. A., 12, 13.
 Severin, H. C., 68.
 Severson, B. O., 64.
 Sewall, T., 40.
 Sewell, A. H., 52.
 Sexton, J. S., 41, 42.
 Shaeffer, A. A., 70.
 Shafer, F. F., 5.
 Shafer, G. D., 39.
 Shafroth, J. F., 13.
 Shanklin, A. G., 67.
 Shanks, L. P., 69.
 Shannon, A. H., 42.
 Shannon, E. F., 11.
 Sharp, J. C., 72.
 Shattuck, C. H., 21.
 Shattuck, F. V., 26.
 Shattuck, H. B., 74.
 Shattuck, S. W., 22.
 Shaw, C. F., 64, 65.
 Shaw, G. W., 12, 13.
 Shaw, H. B., 74.
 Shaw, J. K., 37.
 Shaw, R. S., 38, 39.
 Shaw, S. B., 55.
 Shaw, W. T., 77, 78.
 Shawkey, M. P., 78, 79.
 Shedd, C. K., 46.
 Shedd, O. M., 30, 31.
 Shedd, S., 77.
 Sheib, R., 64.
 Sheldon, J. L., 79.
 Sheldon, S. R., 21.
 Shepard, C. E., 15.
 Shepard, C. S., 52.
 Shepard, E. R., 62.
 Shepard, J. H., 68, 69.
 Shepperd, Mrs. A., 57.
 Shepperd, J. H., 56, 57.
 Shepperd, J. L., 40.
 Sherman, C. E., 58.
 Sherman, F., jr., 55.
 Sherwin, M. E., 54.
 Sherwood, F. W., 55.
 Sherwood, R., 59.
 Shi, B. L., 7.

 Shields, J. F., 63.
 Shields, R. L., 41.
 Shilling, I. M., 59.
 Shines, P. L., 8.
 Shockley, A. R., 35.
 Shoemaker, C. E., 24.
 Shoesmith, V. M., 38, 39.
 Shootes, A. J., 45.
 Short, C. A., 16.
 Shuford, W. J., 55.
 Shute, W. W., 50.
 Sievers, J. F., 80, 81.
 Silvester, R. W., 35.
 Simmons, A. L., 57.
 Simmons, G. E., 34.
 Simmons, L. Van T., 64.
 Simms, F. F., 33.
 Simms, G. I., 36.
 Simpson, H. H., 51.
 Simpson, J. N., 79.
 Simpson, O. G., 62, 63.
 Simpson, R. O., 8.
 Simpson, R. W., 66.
 Sinclair, W., 34.
 Singler, J. J., 80, 81.
 Sirrine, F. A., 52.
 Sisson, S., 58.
 Sjogren, O. W., 47.
 Skinner, J. H., 24, 25.
 Skinner, J. L., 7.
 Skoofield, P. J., 76.
 Slack, C. W., 11.
 Slack, F. H., 28, 29.
 Slagle, R. L., 68.
 Slate, W. L., jr., 49.
 Sloan, P. H. E., 66.
 Sloan, R. E., 10.
 Slocum, A. W., 74.
 Slocum, R. H., 56.
 Small, L. I., 76.
 Smart, T., 72.
 Smiley, G., 68.
 Smith, A., 67.
 Smith, Mrs. A. G., 81.
 Smith, A. M., 40.
 Smith, A. W., 22.
 Smith, B. G., 80.
 Smith, C. A., 39.
 Smith, C. C., 9.
 Smith, C. M., 24.
 Smith, C. O., 13.
 Smith, C. P. (Utah), 72.
 Smith, C. P. (Vt.), 73, 74.
 Smith, D. P., 30.
 Smith, E. C., 73.
 Smith, E. H., 12, 13.
 Smith, E. O., 15.
 Smith, F., 23.
 Smith, F. H., 66.
 Smith, G., 40.
 Smith, G. A., 52.
 Smith, G. E. P., 10.
 Smith, H., 73.
 Smith, H. F., 26.
 Smith, H. J., 42.
 Smith, H. R., 46, 47.
 Smith, I. W., 57.
 Smith, J. B., 50.

- Smith, J. E., 36.
 Smith, J. W., 58.
 Smith, L. H., 22, 23.
 Smith, L. M., 39.
 Smith, L. P., 31.
 Smith, M. E., 9.
 Smith, M. M., 27.
 Smith, P. H., 37.
 Smith, R. E. (Cal.), 12, 13.
 Smith, R. E. (Iowa), 26.
 Smith, R. F., 70.
 Smith, R. G., 23.
 Smith, R. L., 54, 55.
 Smith, R. O., 50.
 Smith, T. O., 49.
 Smith, W. A., 55.
 Smith, W. B., 33.
 Smith, W. G., 20.
 Smith, W. O., 21.
 Smith, W. S. T., 48.
 Smith, W. W., 24.
 Smyth, E. A., jr., 75.
 Snedden, D., 36.
 Sneed, C. E., 61.
 Snelgrove, I. P., 38.
 Snelling, C. M., 19.
 Snepp, H. A., 38.
 Snodgrass, A. D., 43.
 Snodgrass, M. D., 4, 9.
 Snook, J. H., 59.
 Snow, C. M., 76.
 Snow, F. C., 45.
 Snyder, A. H., 27.
 Snyder, C. E., 40, 41.
 Snyder, J. L., 37.
 Snyder, W. P., 47.
 Somers, C. L., 39.
 Sommers, S. L., 4.
 Sorley, L. S., 32.
 Sorrell, E. W., 33.
 Soule, A. M., 6, 19.
 Southall, J. P. C., 7.
 Southwick, E. F., 66.
 Spangler, S. M., 70.
 Sparks, D. A., 18.
 Sparks, E. E., 6, 63.
 Sparks, H. W., 78.
 Spaulding, M. H., 45.
 Spear, A. E., 76.
 Spears, H. D., 30, 31.
 Spence, C. E., 61.
 Spence, D. W., 70.
 Spence, T. H., 35.
 Spencer, A. P., 18.
 Spencer, J., 40, 41.
 Spencer, J. W., 53.
 Spencer, W. S., 66.
 Spennie, E. H., 76.
 Spillman, P. H., 63.
 Spinney, L. B., 26.
 Spitzer, G., 25.
 Sponsler, A. L., 27.
 Sponsler, O. L., 46.
 Sprague, F. A., 39.
 Sprague, R. J., 34.
 Spriggs, W. A., 79.
 Spring, S. N., 15, 16.
 Springer, C. W., 79.
 Spurway, C. H., 38.
 Squires, J. H., 51.
 Stabler, A. L., 35.
 Stadtmueller, F. H., 15.
 Stafford, E. W., 40.
 Stahl, H. G., 66.
 Stahl, H. S., 75.
 Stahl, J. T., 11.
 Stakman, E. C., 40.
 Stallworth, E., 9.
 Stanford, J. F., 11.
 Stange, C. H., 26, 27.
 Stanley, C. H., 35.
 Stanley, L., 43.
 Stansel, T. B., 55.
 Stanton, E. W., 26.
 Stanton, P. A., 11.
 Stanton, T. R., 35.
 Stark, C. R., 41.
 Stathers, M., 79.
 Stayer, E. S., 16.
 Stebbins, C. A., 12.
 Stecker, H. F., 64.
 Stedman, J. M., 5.
 Steeb, C. E., 58.
 Steele, B. L., 77.
 Steele, M., 43, 44.
 Steenbock, H., 80, 81.
 Steiner, C. D., 59.
 Stene, A. E., 66.
 Stephens, J. V., 18.
 Stephens, L., 26.
 Stephens, R. P., 19.
 Stephens, S. M., 29.
 Stephenson, S. A., jr., 50.
 Stetson, C. B., 74.
 Stevens, A. T., 16.
 Stevens, D., 38.
 Stevens, F. C., 52.
 Stevens, F. D., 8.
 Stevens, F. L., 54, 55.
 Stevens, G. E., 38.
 Stevens, H. E., 11.
 Stevens, J. S., 34.
 Stevens, L. A., 73.
 Stevens, W. H., 16.
 Stevenson, W. H., 26, 27.
 Stewart, C., 73.
 Stewart, E. D., 57.
 Stewart, F. C., 52.
 Stewart, H. W., 23.
 Stewart, J. H., 79.
 Stewart, J. P., 64, 65.
 Stewart, J. S. (Ga.), 19.
 Stewart, J. S. (W. Va.), 78.
 Stewart, J. T., 5, 39, 40, 41.
 Stewart, L. F., 60.
 Stewart, M. A., 79.
 Stewart, O. M., 43.
 Stewart, R., 72, 73.
 Stickley, M. B., 54.
 Stocker, G. P., 51.
 Stockham, W. L., 57.
 Stocking, W. A., jr., 53, 54.
 Stockly, J. C., 16.
 Stockton, F., 51.
 Stoddard, E. M., 15.
 Stoddard, C. W., 63.
 Stohl, L. N., 72.
 Stokes, M. B., 67.
 Stokes, W. B., 7.
 Stoll, R. C., 30.
 Stoltenberg, F. C., 69.
 Stone, A. L., 80, 81.
 Stone, C. W., 49.
 Stone, D. O., 28.
 Stone, E. A., 82.
 Stone, G. E., 36, 37.
 Stone, I. V., 35.
 Stone, J. F., 58.
 Stone, J. L., 53, 54.
 Stone, W. E., 6, 24.
 Stoneburn, F. H., 15, 16.
 Stoneking, J. B., 51.
 Storm, A. Van., 27.
 Storms, L. B., 29.
 Storrs, L. J., 15.
 Story, G. F. E., 59.
 Stouder, K. W., 28.
 Stout, O. V. P., 5, 47.
 Stover, A. P., 5.
 Stover, M. E., 12, 13.
 Strahan, C. M., 19.
 Stratton, W. T., 29.
 Straus, I. L., 35.
 Strausbaugh, E. J., 27.
 Straw, O. W., 49.
 Street, J. P., 15.
 Streeter, F. C., 44.
 Strother, H. D., 60.
 Strowd, W. H., 55.
 Stryke, A. C., 53.
 Stuart, E. S., 63.
 Stubbs, J. E., 47, 48.
 Stuckey, H. P., 19.
 Stumberg, C. H., 32.
 Stump, G., 28.
 Sturdevant, L. B., 46, 47.
 Sudro, W. F., 57.
 Suggs, D. C., 20.
 Sullivan, J. J., 47.
 Sulloway, R. W., 48.
 Summers, H. E., 26, 27.
 Summers, J., 34.
 Summers, J. C., 15.
 Summers, L. W., 23, 24.
 Summey, G., jr., 54.
 Sunderland, J., jr., 47.
 Surface, F. M., 34.
 Sutherland, W. A., 51.
 Sutphen, D. D., 49.
 Swanger, J. E., 44.
 Swanson, C. O., 29.
 Swanzy, F. M., 21.
 Swartwout, A. M., 44.
 Sweeney, F. R., 67.
 Sweeney, M. P., 52.
 Sweet, B., 22.
 Sweet, E. S., 21.
 Swenk, M. H., 46, 47.
 Swenson, M., 79.
 Swezey, O. H., 21.
 Swingle, D. B., 45, 46.
 Swire, R. P., 31, 33.
 Sykes, G. F., 62, 63.
 Sylvester, D. W., 27.
 Symons, T. B., 35.
 Sypherd, W. O., 16.
 Taff, P. C., 27.
 Taft, L. R., 37.
 Taft, W. H., 76.
 Taggart, L. M., 26.
 Taggart, W. G., 32.
 Tailby, G. W., 53.
 Tailby, G. W., jr., 53.
 Taisne, T., 49.
 Tait, C. E., 5.
 Taliaferro, T. H., 35.
 Taliaferro, W. T. L., 35.
 Tallant, J. G., 43.
 Tallman, W. D., 45.
 Tanner, H. T., 43.
 Tanner, J. T., 33.
 Tarbox, F. G., 67.
 Tartar, H. V., 62.
 Tartar, N., 62.
 Tate, D. L., 74.
 Tate, W. A., 9.
 Tatum, C. S., 71.
 Taubenhause, J. J., 17.
 Taussig, R. J., 11.
 Tayloe, W. H., 8.
 Taylor, E., 27.
 Taylor, F. K., 67.
 Taylor, F. W., 48, 49.
 Taylor, G. H., 47.
 Taylor, H. C., 80, 81.
 Taylor, H. L., 52.
 Taylor, J. R., 58.
 Taylor, L. L., 49.
 Taylor, L. M., 13, 14.
 Taylor, O. M., 52.
 Taylor, R. G., 28.
 Taylor, R. M., 38.
 Taylor, S. S., 36.
 Taylor, W. J., 45, 46.
 Teele, R. P., 5.
 Teeter, H. W., 53.
 Teetzel, C. T., 72.
 Telfer, W., 17.
 Temple, J. C., 19.
 Ten Eyck, A. M., 28, 30.
 Tenney, E. D., 21.
 Terrell, C. B., 30.
 Terrell, R. C., 30.
 Terrill, B. M., 74.
 Terrill, W. P., 72.
 Terry, F. W., 21.
 Terry, O. P., 24.
 Terry, W. K., 7.
 Tessman, W. M. O., 76.
 Thach, C. C., 7.

- Thackston, J. A., 17.
 Thatcher, G. W., 72.
 Thatcher, R. W., 77, 78.
 Theophile, E. M., 33.
 Thom, C., 16.
 Thom, C. C., 77, 78.
 Thomas, A. L., 7.
 Thomas, A. T., 15.
 Thomas, B. P., 38.
 Thomas, E. E., 12, 13.
 Thomas, E. K., 66.
 Thomas, G., 72.
 Thomas, M. (Ohio), 58.
 Thomas, M. (Utah), 72.
 Thomas, P. E., 64.
 Thomas, S. F., 69.
 Thomas, W., 65.
 Thomas, W. A., 67.
 Thomas, W. H., 71.
 Thomas, W. R., 14.
 Thompson, A. R., 4, 21.
 Thompson, A. S., 26.
 Thompson, B. E., 38.
 Thompson, B. L., 68.
 Thompson, C. A., 49.
 Thompson, Mrs. C. D., 26.
 Thompson, D. O., 25.
 Thompson, E., 54.
 Thompson, E. J., 57.
 Thompson, F., 17.
 Thompson, F. F., 50.
 Thompson, G., 38.
 Thompson, G. A., 34.
 Thompson, G. W., 34.
 Thompson, H. B., 66.
 Thompson, H. C., 66.
 Thompson, J., 57.
 Thompson, J. B., 5, 20.
 Thompson, J. I., 12.
 Thompson, L., 48.
 Thompson, L. B., 20.
 Thompson, N., 57.
 Thompson, O. A., 57.
 Thompson, R., 51.
 Thompson, R. C., 11.
 Thompson, R. E., 32.
 Thompson, T. T., 72.
 Thompson, W. O., 6, 58.
 Thornber, J. J., 10.
 Thornber, W. S., 77, 78.
 Thornburg, M. G., 27.
 Thorne, C. E., 6, 59.
 Thornton, E. W., 55.
 Thornton, J. R., 31.
 Thorpe, J. L., 45.
 Thrasher, G. B., 50.
 Thwaits, F. C., 79.
 Tibert, G. L., 57.
 Tidball, V. J., 82.
 Tidd, C., 44.
 Tiebout, G., 33.
 Tierney, D. P., 40, 41.
 Tiffany, H. E., 16.
 Tilden, W., 27.
 Tillec, J. B., 71.
 Tillery, R. G., 33.
 Tillman, B. R., 66.
 Tillman, B. W., 4.
 Tillman, J. N., 11.
 Tillman, O. I., 55.
 Timblin, C., 77.
 Tinkey, K., 28.
 Titlow, C. R., 59.
 Titsworth, A. A., 49.
 Titsworth, J., 58.
 Titus, C. M., 12.
 Titus, E. G., 72, 73.
 Tobin, H. H., 62.
 Todd, P., 50.
 Tomhave, W. H., 40.
 Tompkins, D. A., 54.
 Tompkins, D. G., 26.
 Tonkin, J. C., 49.
 Toombs, D., 61.
 Toomer, J. E., 67.
 Tormey, J. L., 80, 81.
 Torrey, J. L., 44.
 Totttingham, W. E., 80, 81.
 Tough, M., 68.
 Tourgee, C. H., 11.
 Tourtellot, I. A., 76.
 Tower, M. L., 38.
 Tower, W. V., 5, 65.
 Townsend, J. A., 76.
 Townsend, M., 49.
 Tracy, N., 25.
 Trammell, P. W., 18.
 Trash, J. A., 19.
 Trask, R. P., 53.
 Treman, C. E., 52.
 Treman, R. H., 52.
 Trescott, K. B., 67.
 Trewin, J. E., 25.
 Trimble, R. E., 14.
 Trimble, W. J., 56.
 Tripp, W. E., 64, 65.
 Troop, J., 24, 25.
 Trotman, J. F., 79.
 Trout, E. D., 10.
 Trowbridge, E. A., 43, 44.
 Trowbridge, P. F., 43, 44.
 Troy, D. S., 77.
 Troy, H. C., 53.
 True, A. C., 4, 6, 9, 20, 21, 65.
 True, G. H., 5, 47, 48.
 Trueblood, R. B., 24.
 Trueman, J. M., 15, 16.
 Trumbull, F., 8.
 Trumbull, R. S., 46, 47.
 Truog, E., 81.
 Truscott, F. W., 79.
 Tuck, C. H., 53.
 Tucker, H., 55.
 Tucker, H. McK., 55.
 Tucker, J. R., 11.
 Tudor, J. H., 64.
 Tulane, V. H., 8.
 Tull, C. C., 22.
 Tullis, R. L., 32.
 Tulloss, J. O., 27.
 Tune, I. S., 27.
 Tungeln, G. H. von, 38.
 Tunnell, E. W., 17.
 Tupper, F., jr., 74.
 Turner, A. A., 9.
 Turner, F. J., 30.
 Turner, H. B., 76.
 Turner, J. D., 31.
 Turner, J. W., 30.
 Turner, M. M., 36.
 Turner, W. D., 54.
 Turner, W. F. (Ala.), 7, 8.
 Turner, W. F. (N. C.), 55.
 Turney, S., 27.
 Turpeau, L. A., 36.
 Turpin, G. M., 73.
 Turrell, C. A., 10.
 Tuthill, J. E., 30.
 Tuttle, F. E., 30.
 Twilight, E. H., 78.
 Twiss, W. B., 50.
 Twitchell, M. W., 76.
 Tyler, M. H., 66.
 Ulio, J., 56.
 Ulmann, K. A., 46.
 Ulsamer, M., 76.
 Umberger, H. J., 63.
 Underwood, E. E., 31.
 Upson, Mrs. C. A., 14.
 Upson, I. S., 49, 50.
 Upson, W. L., 74.
 Urbahns, T. D., 41.
 Urquhart, J., 76.
 Usher, S., 23.
 Utt, C. A. A., 29.
 Vail, C. E., 14.
 Valentine, J. A., 81.
 Valley, O., 28.
 Van Alstine, E., 23.
 Vanatta, E. S., 44.
 Vanatter, P. O., 19.
 Van Auker, C. H., 53.
 Vance, J. I., 49.
 Van Cleef, M., 52.
 Van Darthard, M., 9.
 Vanderpoel, S. O., 49.
 Van Deusen, M. C., 62.
 Vandiver, M., 35.
 Van Dyck, F. C., 49.
 Van Es, L., 56, 57.
 Van Hise, C. R., 6, 79, 80.
 Van Leenhoff, J. W., 5, 65.
 Van Liew, M. S., 62.
 Van Meter, A. R., 23.
 Van Norman, H. E., 63, 64.
 Van Rensselaer, M., 53.
 Van Sickle, I., 59.
 Van Slyke, L. L., 52.
 Van Steenbergh, W. H., 49.
 Van Storm, A., 27.
 Vanstory, C. M., 56.
 Van Zile, Mrs. M. P., 28.
 Vaplon, W. E., 15.
 Varnum, C. A., 34.
 Vaughan, G. E., 76.
 Vaughan, H. E., 77.
 Vaughan, H. W., 59.
 Vaughan, J. H., 51.
 Vaughn, E. C., 31.
 Vaulx, J. R., 26.
 Vawter, C. E., 75.
 Vedder, H. K., 37.
 Vennum, Mrs. V. C., 47.
 Vernon, J. J., 17.
 Viall, G. M., 26.
 Vincent, C. C., 21, 22.
 Vinson, A. E., 10.
 Vivian, A., 58.
 Vivian, C. A., 9.
 Vogt, P. L., 77.
 Volck, W. H., 12, 13.
 Von Ende, C. L., 22.
 Von Tungeln, G. H., 38.
 Voorhees, E. B., 6, 50.
 Voorhees, F. M., 49.
 Voorhees, J. F., 70.
 Voorhees, W. P., 49.
 Votey, J. W., 74.
 Vredenburg, W. H., 49.
 Vroom, G. D. W., 49.
 Wachter, H. M., 60.
 Wade, C. I., 74, 75.
 Wade, N. B., 5.
 Wade, T. H., 16.
 Waggener, R. L., 9.
 Waggoner, E. W., 78.
 Waid, E. D., 58.
 Wainwright, T. L., 41, 42.
 Wait, C. E., 69.
 Waite, R. H., 35.
 Walcott, W. H., 9.
 Walden, B. H., 15.
 Waldo, Mrs. C. H., 61.
 Waldron, C. B., 56, 57.
 Waldron, J. W., 21.
 Waldron, L. R., 57.
 Waldron, R. A., 64.
 Wale, J. H., 21.
 Walker, Mrs. A. T., 45.
 Walker, E., 11.
 Walker, E. S., 18.
 Walker, G. B., 42.
 Walker, G. W., 47.
 Walker, H. B., 29.
 Walker, I., 14.
 Walker, J. A., 7.
 Walker, L. L., 30.
 Walker, L. S., 37.
 Walker, W. H., 63.
 Walker, W. L., 73.
 Wallace, A. R., 33.
 Wallace, J. S., 42.
 Wallace, R. C. E., 60.
 Wallace, W. H., 37.
 Waller, C. H., 72.
 Waller, O. L., 77, 78.

- Walsh, H., 35.
 Walster, H. L., 80, 81.
 Walter, S. J., 77.
 Walters, E. H., 73.
 Walters, J. D., 28.
 Wanamaker, O. D., 11.
 Wannamaker, J. E., 66.
 Ward, C. E., 36.
 Ward, E. A., 61.
 Ward, H. B., 23.
 Ward, J. B., 50.
 Ward, W. R., 7.
 Wardall, R. A., 58.
 Ware, E. E., 57.
 Waring, B. E., 77.
 Warner, F., 28.
 Warren, G. F., 53, 54.
 Warren, G. M., 5.
 Warren, J. W., 20.
 Warren, L. J., 21.
 Warren, W. E., 77.
 Wartmann, E. L., 17, 18.
 Washburn, F. L., 39, 40, 41.
 Washburn, R. M., 74.
 Washington, A. W., 77.
 Washington, B. T., 8, 9.
 Washington, Mrs. B. T., 9.
 Wason, E. H., 48.
 Waterbury, I. R., 37.
 Waterbury, L. A., 10.
 Watermann, C. E., 68.
 Waters, H. J., 6, 27, 28.
 Wathen, R. N., 30.
 Watkins, B. H., 24.
 Watkins, L. J., 9.
 Watkins, O. S., 24.
 Watson, E. H., 73.
 Watson, E. J., 33.
 Watson, I., 33.
 Watson, J., 60.
 Watson, J. P., 27.
 Watson, J. V., 65.
 Watt, A., 38.
 Watters, C., 26.
 Watts, C. F., 60.
 Watts, R. J., 37.
 Watts, R. L., 63, 64.
 Waugh, F. A., 36, 37.
 Weakley, C. E., jr., 79.
 Weatherford, J. K., 61.
 Weaver, B. A., 41, 42.
 Weaver, F. P., 64, 65.
 Weaver, L. A., 43, 44.
 Webb, G. A., 13.
 Webb, J. H., 15.
 Webb, R. D., 7.
 Webb, W. S. (Ky.), 30.
 Webb, W. S. (Vt.), 73.
 Webber, H. J., 6, 53, 54.
 Webber, W. P., 60.
 Weber, H. A., 58.
 Webster, E. H., 28, 29.
 Webster, R. L., 27.
 Webster, S. H., 66.
 Webster, W. A., 77.
 Weddell, F. J., 41.
 Weeks, A. D., 56.
 Weeks, E., 28.
 Weeks, F. B., 15.
 Weeks, W. S., 78.
 Wegner, E. E., 77.
 Weifenbach, F., 81.
 Weir, W. W. (U. S. D. A.), 5.
 Weir, W. W. (Wis.), 81.
 Welch, C. H., 40.
 Welch, J. F., 32.
 Welch, J. L., 71.
 Weldon, G. P., 15.
 Wellington, C., 36.
 Wellington, J. W., 25.
 Wellington, R., 52.
 Wells, A. A., 27.
 Wells, B. J., 67.
 Wells, R. W., 35.
 Welton, F. A., 59.
 Wendt, W. B., 38.
 Weniger, W., 62.
 Wentling, J. P., 40, 41.
 Wentworth, E. N., 26.
 Wentworth, W. A., 39.
 Wergeland, A. M., 82.
 Werthmueller, F. R., 21.
 West, C., 59.
 West, F. L., 72.
 West, R. M., 40, 41.
 Westbrook, E. J., 60.
 Westergaard, C., 78.
 Westgate, V. V., 46.
 Westinghouse, H. H., 52.
 Weston, C. P., 34.
 Weyman, J., 9.
 Whedon, G. D., 64.
 Wheeler, B. I., 11, 12.
 Wheeler, C. A., 15.
 Wheeler, F. A., 53.
 Wheeler, G. C., 29.
 Wheeler, H. C., 23.
 Wheeler, H. J., 6, 66.
 Wheeler, R. H., 53.
 Wheeler, W., 36.
 Wheeler, W. P., 52.
 Wheeler, X., 69.
 Whelan, J. B., 28.
 Whetzel, H. H., 53, 54.
 Whipple, F. R., 79.
 Whipple, L. F., 66.
 Whipple, O. B., 45, 46.
 Whitechurch, J. E., 23.
 White, A. D., 52.
 White, A. E., 28.
 White, B., 77.
 White, C. H., 37.
 White, D. S., 58.
 White, E., 60.
 White, E. A. (Ill.), 22.
 White, E. A. (Mass.), 36.
 White, E. N., 58.
 White, F., 81.
 White, G. B., 67.
 White, G. C., 43, 44.
 White, H. B., 40.
 White, H. C., 6, 19.
 White, H. L., 57.
 White, H. V., 63.
 White, J. G. (Ky.), 30.
 White, J. G. (Pa.), 63.
 White, J. W., 64, 65.
 White, O. E., 69.
 White, O. K., 38.
 White, P. J., 53, 54.
 White, S., 77.
 White, T. H., 35.
 White, W., 68, 69.
 White, W. J., 78.
 Whitecotton, J. W. N., 72.
 Whitehill, A. R., 78.
 Whiteman, J. H., 16.
 Whitmarsh, R. D., 59.
 Whitmore, W. G., 46.
 Whitney, E. M., 16.
 Whitridge, G. B., 40.
 Whitsett, A. T., 56.
 Whitson, A. R., 80, 81.
 Whittemore, G. A., 64.
 Whitten, J. C., 43, 44.
 Whittier, A. C., 59.
 Whoriskey, R., 48.
 Wiancko, A. T., 24, 25.
 Wiatt, J. E., 7.
 Wicks, W. H., 21, 22.
 Wickson, E. J., 12, 13.
 Widtsoe, J. A., 72.
 Wiechardt, A. J., 18.
 Wignall, C. L., 71.
 Wilborn, A. J., 8.
 Wilbur, W. E., 34.
 Wilcox, E. M., 46, 47.
 Wilcox, E. V., 4, 21.
 Wilcox, R. M., 51.
 Wiley, R. C., 29.
 Wilkinson, J. A., 8.
 Wilkinson, R. S., 68.
 Wilkus, A. J., 4, 9.
 Willard, H. R., 34.
 Willard, J. M., 63.
 Willard, J. T., 28, 29.
 Willard, R. E., 51.
 Wilcox, W. G., 8.
 Williams, C. B., 55.
 Williams, C. G., 59.
 Williams, E. L., 52.
 Williams, F., 47.
 Williams, J. E., 75.
 Williams, J. O., 14.
 Williams, L. F., 55.
 Williams, M. B., 5.
 Williams, M. M., 39.
 Williams, P. F., 7, 8.
 Williams, R. B., 52.
 Williams, W. M., 62.
 Williamson, C. S., jr., 7.
 Williamson, J. T., 7.
 Williamson, L. H., 50.
 Willis, C., 68, 69.
 Willis, L. G., 65.
 Willson, A. E., 30.
 Willson, C. A., 69, 70.
 Wilmore, J. J., 7.
 Wilson, A. D., 40, 41.
 Wilson, B. D., 31.
 Wilson, B. S., 29.
 Wilson, C. S., 53, 54.
 Wilson, E., 49.
 Wilson, E. E., 61.
 Wilson, E. M., 20.
 Wilson, F. B., 60.
 Wilson, F. D., 75.
 Wilson, F. T., 18.
 Wilson, F. W., 10.
 Wilson, G. W., 55.
 Wilson, H. F., 62.
 Wilson, H. S., 36.
 Wilson, J., 26, 35.
 Wilson, J. A., 61.
 Wilson, J. K., 52.
 Wilson, J. M., 11.
 Wilson, J. W., 68, 69.
 Wilson, L. B., 36.
 Wilson, R. F., 60.
 Wilson, T. B., 52.
 Wilson, V. T., 38.
 Wilson, W. M. (Conn.), 16.
 Wilson, W. M. (N. Y.), 53.
 Wilson, Mrs. W. W., 31.
 Wing, H. H., 52, 54.
 Wing, L. W., 53.
 Wingert, H. S., 59.
 Winslow, E. B., 33.
 Winter, Mrs. M. K., 45.
 Winters, O. B., 39.
 Winters, R. Y., 18.
 Withers, W. A., 54, 55.
 Withycombe, J., 62.
 Withycombe, R., 63.
 Witman, C. H., 50.
 Wodehouse, E. H., 21.
 Wolff, W. H., 49.
 Woll, F. W., 80, 81.
 Wood, C. W., 9.
 Wood, E. P., 55.
 Woodard, C. S., 45.
 Woodbury, C. G., 24, 25.
 Woode, J. E. D., 43.
 Woodford, S. L., 52.
 Woodman, L. E., 34.
 Woodruff, O., 50.
 Woodruff, W. B., 72.
 Woods, A. F., 39, 40, 41.
 Woods, C. D., 6, 34.
 Woods, M. (Ala.), 9.
 Woods, M. (Va.), 74.
 Woods, N., 59.
 Woodward, G. H., 25.

- | | | | |
|---------------------------|------------------------|-------------------------|------------------------|
| Woodward, J. A., 63. | Worthen, E. L., 55. | Wyman, A. P., 32. | Young, F. L., 71. |
| Woodward, S. M., 5. | Wray, J. D., 9. | | Young, G. S., 68. |
| Woodworth, C. M., 68, 69. | Wright, A. H., 60, 61. | Yancey, G. L., 19. | Young, Mrs. H. B., 53. |
| Woodworth, C. W., 12, 13 | Wright, A. L., 64. | Yarnell, D. L., 5. | Young, J. M., 20. |
| Woofter, T. J., 19. | Wright, J. C., 18. | Yates, H. E., 46. | Young, N. B., 18. |
| Woosley, H. C., 31. | Wright, L. L., 37. | Yates, Mrs. J. S., 45. | Youngburg, G. E., 69. |
| Wooton, E. O., 51. | Wright, R. G., 50. | Yates, R. E. L., 54. | Yowell, J., 11. |
| Wootton, L. L., 11. | Wright, R. J., 9. | Yeater, C. E., 43. | |
| Work, P., 53, 54. | Wright, R. R., 20. | Yeaw, F. L., 12, 13. | Zeigler, P. T., 61. |
| Working, D. W., 79. | Wright, S. J., 16. | Yoder, M. M., 20. | Zeiniger, D., 28. |
| Wornall, T. J., 43. | Wright, T. R. H., 29. | Yoder, W. A., 56, 57. | Zembrod, A. C., 30. |
| Worsham, E. L., 19. | Wright, W. H., 81. | Yonge, P. K., 17, 18. | Ziefle, A., 57. |
| Worsham, W. A., jr. 19 | Wright, W. J., 64, 65. | York, I. S., 71. | Zimmer, M. V., 47. |
| Worst, J. H., 56, 57. | Wright, W. R., 25. | Yorke, P. C., 11. | Zimmerman, E. F., 60. |
| Worth, P. S., 64. | Wright, W. T., 71. | Yothers, M. A., 77, 78. | Zook, G. F., 64. |



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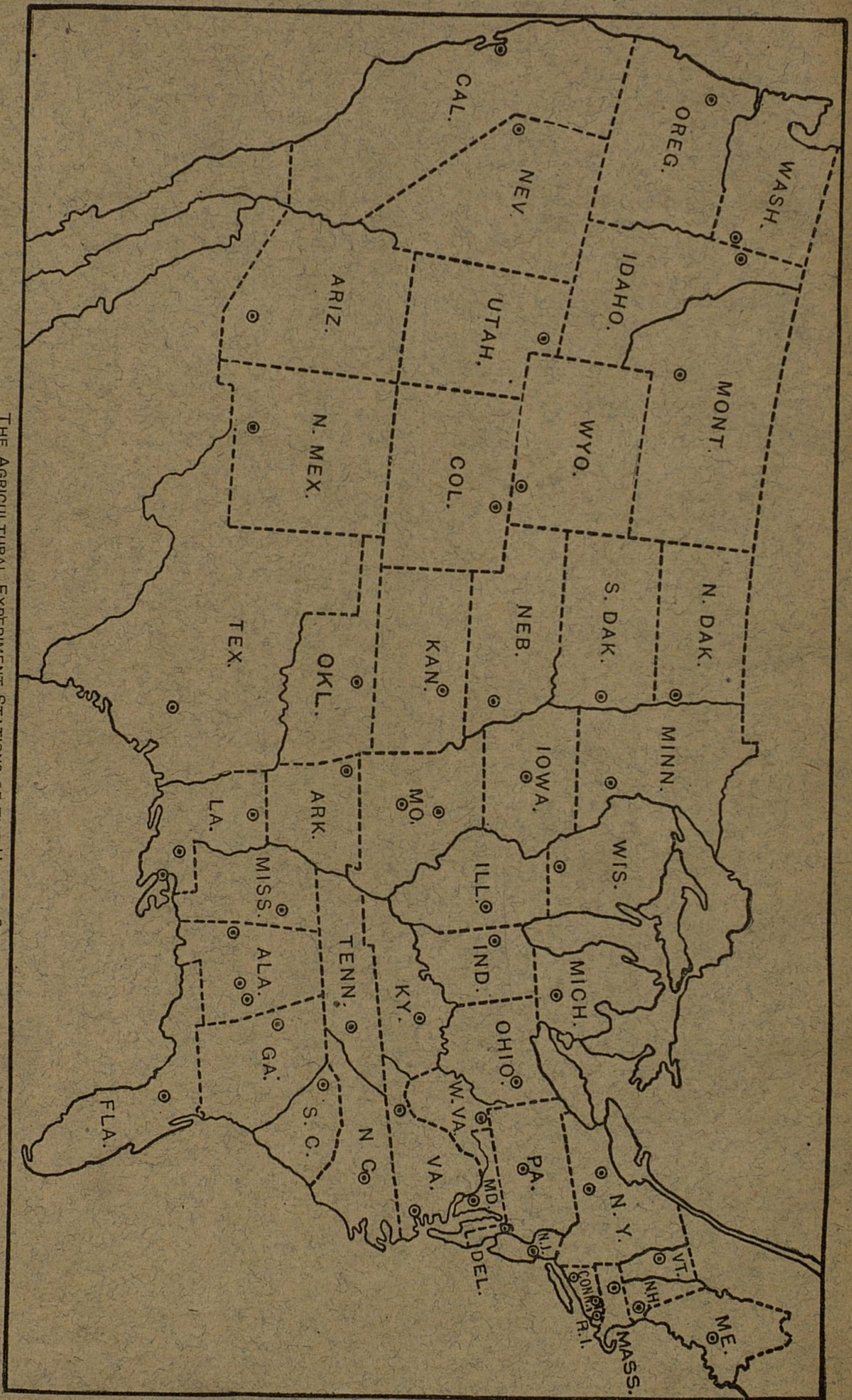
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