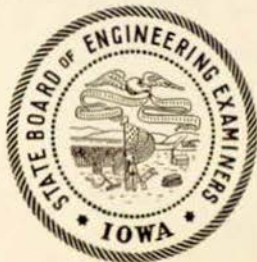


State of Iowa
1924

Annual Report of the

**State Board of Engineering
Examiners**

For the Year Ending June 30, 1924



STATE BOARD OF ENGINEERING
Annual Report to the
GOVERNOR OF IOWA
1924

STATE BOARD OF ENGINEERING

LETTER OF TRANSMITTAL

Des Moines, Iowa, July 1, 1924.

TO HIS EXCELLENCY, HON. N. E. KENDALL,
Governor of Iowa,
Des Moines, Iowa.

SIR: I have the honor to transmit herewith the annual report of the State Board of Engineering Examiners, in accordance with Chapter 392, Acts of the Thirty-eighth General Assembly.

Very respectfully,

(Signed) SETH DEAN, *Chairman,*
State Board of Engineering Examiners.



**STATE BOARD OF EXAMINERS FOR PROFESSIONAL
ENGINEERS AND LAND SURVEYORS**

- SETH DEAN, Glenwood, Iowa.....Chairman
Drainage and Land Surveying.
Commission expires July 1, 1927.
- L. M. MARTIN, Atlantic, Iowa.....
....Vice Chairman, and Representative to National Council
Highway and Railway Engineering.
Commission expires July 1, 1927.
- B. P. FLEMING, Iowa City, Iowa.
Electrical and Mechanical Engineering.
Commission expires July 1, 1925.
- C. S. NICHOLS, Ames, Iowa.....
Municipal and Sanitary Engineering.
Commission expires July 1, 1927.
- H. W. HARTUPEE, Des Moines, Iowa.
Structural Engineering.
(Filling unexpired term of Alvin LeVan.)
Commission expires July 1, 1925.
- R. E. JOHNSON, Des Moines, Iowa.....Secretary
- W. C. MERCKENS, Des Moines, Iowa.....Assistant Secretary

State of Iowa

1924

REPORT OF THE

Board of Dental Examiners

FOR THE

Biennial Period Ending June 30, 1924

WITH LIST OF

PRACTICING DENTISTS OF IOWA

AS SHOWN BY THE BIENNIAL
RENEWAL OF LICENSES

REPORT OF BOARD OF ENGINEERING EXAMINERS

At a special meeting of the State Board of Engineering Examiners on July 2, 1923, Mr. Seth Dean was elected chairman for the ensuing year.

At a meeting of the board on July 27, 1923, the following assignments were made to the different members of the board pertaining to the various branches of engineering:

Land Surveying and Drainage.....	Seth Dean
Highway and Railroads.....	L. M. Martin
Structural Engineering.....	Alvin LeVan
Electrical and Mechanical.....	B. P. Fleming
Municipal and Sanitary.....	C. S. Nichols

Six other meetings of the board were held during the year ending June 30, 1924, and examinations were held and other routine business disposed of as required by law.

FINANCIAL STATEMENT

For the Year Ending June 30, 1924.

Receipts:

Interest on deposit in bank.....	\$ 7.58
Registration fees received.....	615.00
Total.....	\$ 622.58
Previous balance.....	13,375.20
Total.....	\$13,997.78
Disbursements.....	998.70
Balance.....	\$13,009.08

DEPARTMENT OF HEALTH

REPORT OF THE

Board of Dental Examiners

FOR THE

Biennial Period Ending June 30, 1924

DEPARTMENT OF HEALTH

STATE OF IOWA

REPORT OF THE BOARD OF DENTAL EXAMINERS

LETTER OF TRANSMITTAL

HONORABLE N. E. KENDALL, *Governor*:

Sir: In accordance with the provisions of the law I herewith submit the ninth biennial report of the Board of Dental Examiners, and the financial statement covering the period ending June 30, 1924.

CARL B. MILLER, *Sec'y Treas.*

Des Moines, Iowa, October 20, 1924.

OFFICERS AND MEMBERS OF THE DENTAL BOARD
1924

H. P. WHITE, D. D. S., PresidentSioux City
Term expires 1925

Examiner in Operative Dentistry, Pathology and Therapeutics

H. J. ALTFILLISCH, D. D. S., Vice-President.....Dubuque
Term expires 1923

Examiner in Chemistry, Metallurgy, Bacteriology and Materia Medica

C. M. WORK, D. D. S.....Ottumwa
Term expires 1924

Examiner in Prosthetic Dentistry, Histology and Oral Surgery

L. V. FEIKE, D. D. S.....Des Moines
Term expires 1926

Examiner in Anatomy, Physiology and Hygiene

CARL B. MILLER, D. D. S., Sec'y-Treas.....Des Moines
Term expires 1927

Examiner in Orthodontia, Anesthetics and Jurisprudence

Report of the Board of Dental Examiners

1923

The annual meeting for 1923 was held in Des Moines, May 1, 2 and 3, 1923. All members were in attendance. Dr. F. W. Conover, President; Dr. L. V. Feike, Vice-President; Dr. H. P. White, Dr. C. M. Work and Dr. Carl B. Miller, Secretary-Treasurer. After the transaction of other business, an election of officers resulted as follows: Dr. L. V. Feike, President; Dr. C. M. Work, Vice-President; Dr. Carl B. Miller, Secretary-Treasurer.

To succeed Dr. F. W. Conover, whose term of office terminated July 31, 1923, the Governor appointed Dr. H. J. Altfillisch of Dubuque.

A meeting for the examination of candidates for a license to practice in Iowa, was held in Iowa City, May 28, 29, 30 and 31. Of the 117 applicants taking the examination, 110 were successful.

The annual meeting of 1924 was held in Des Moines, May 5, 6, 7 and 8. All members present, Dr. L. V. Feike, President, presiding, Dr. C. M. Work, Vice-President; Dr. H. P. White, Dr. H. J. Altfillisch and Dr. Carl B. Miller, Secretary-Treasurer. After the business of the session was transacted, the officers elected were as follows: Dr. C. M. Work, President; Dr. H. J. Altfillisch, Vice-President; Dr. Carl B. Miller, Secretary-Treasurer.

At a meeting held July 7, a reconsideration of the election resulted in electing Dr. H. P. White President. This action made necessary due to the appointment of Dr. H. D. Coy of Hamburg to succeed Dr. C. M. Work whose term of office terminated July 31, 1924.

A meeting for the examination of candidates for a license to practice in Iowa was held in Iowa City, May 26, 27, 28 and 29. At this meeting we had 87 applicants, of whom 72 were successful. Six candidates were examined for license as Dental Hygienists, all of whom were successful. We now have 15 Dental Hygienists in the state.

As shown by the financial report submitted herewith, we have examined since our last report 200 regular or senior students

and eight by interchange of license or reciprocity practitioners. We have issued eleven certificates testifying as to legal standing and twelve certificates of reciprocity, two renewals and seven duplicate licenses. Nine dental hygienists have been examined. Eighty-eight partial or sophomore examination. During this period biennial renewals were received from sixteen hundred and fifty-seven dentists licensed in this state six of whom paid penalties of \$5.00 each and sixteen paid dues for which they were back.

RECIPROCITY

We have reciprocal relations on the basis of practical examination with the following states: Missouri, District of Columbia, Tennessee, Ohio, Illinois, Nebraska, Kansas and Vermont.

FINANCIAL STATEMENT

RECEIPTS

Balance on hand June 30, 1922.....	\$ 5.42
Regular examinations—45 @ \$20.00.....	900.00
Regular examinations—152 @ \$10.00.....	1,520.00
Sophomore examinations—53 @ \$10.00.....	530.00
Hygienists examinations—9 @ \$10.00.....	90.00
Interchange licenses—8 @ \$25.00.....	200.00
Certificates—11 @ \$5.00.....	55.00
Renewals—2 @ \$25.00.....	50.00
Reciprocity Cert.—12 @ \$5.00.....	60.00
Duplicate licenses—7 @ \$2.00.....	14.00
Back dues collected—16 @ \$1.00.....	16.00
Penalties collected—6 @ \$5.00.....	30.00
Biennial renewals—period, 1922-23—75 @ \$1.00.....	75.00
Biennial renewals for period, 1924-25 up to June 30—1,582 @ \$1.00.....	1,582.00
Exchange received.....	.15
	\$5,541.78
On hand June 30.....	\$2,976.10
Fees paid State Treasurer as per receipts.....	2,471.62
	\$5,541.78

MINIMUM REQUIREMENTS FOR CLASS "A" DENTAL SCHOOLS. ADOPTED BY IOWA DENTAL BOARD, AUGUST 26, 1918.

ADMINISTRATIVE POLICY

Section 1. (a) The administrative policy of the schools must be satisfactory to this Board. The Dean or other executive officer must hold and have authority to carry out fair ideals of dental education.

(b) The value of the building and equipment (grounds excluded) must be equal to at least \$300.00 for every student enrolled.

(c) The school must have facilities and equipment for at least twenty-five students in each class.

ENTRANCE REQUIREMENTS

Section 2. (a) The requirements for entrance shall consist of graduation from an accredited high school or academy which requires for graduation not less than fifteen units of high school work obtained in a four-year course. No conditions on the foregoing entrance requirement shall be allowed.

(b) An accredited high school is defined as one which is accredited as a four-year high school by the United States Bureau of Education, or by a university which is a member of the Association of American Universities or by the State University of the state in which the high school is located.

(c) In the case of an applicant who is not a graduate from a high school or academy, as defined above, the full equivalent of such education in each individual case must be established and attested to by the highest public educational officer of the state in which is located the dental school which the applicant seeks to enter, or by the authorized examiner of a standard college or university which has been approved by the Dental Educational Council of America.

(d) The entrance credentials of each student enrolled must be kept on file and open to general inspection until after graduation. Not later than sixty days after the opening of school the Dean shall send to the Secretary of the Dental Educational Council and to the Secretary of the local State Board of Dental Examiners a complete list of the students enrolled, together with a sworn statement that each student is possessed of the entrance requirements outlined above.

(e) Students with two full year credit from Class "A" Medical Schools, approved by the American Medical Association, may be admitted to the sophomore class. No other advanced credit in time may be given in any other case as above specified. No special students shall be accepted unless they are in possession of the entrance requirements specified above.

(f) The foregoing regulations apply to all students including those from foreign countries, and regardless of where the applicant expects to practice his profession.

COURSE OF STUDY

Section 3. (a) Beginning with the session 1917-18 the course must be four years in length, each year to consist of thirty-two weeks and six days in each week. No degrees other than Doctor of Dental Surgery, Doctor of Dental Medicine, or Doctor of Dental Science may be given. Dental subjects must be taught throughout the entire four years. Schools that offer a three-year course with one year of college work as a prerequisite shall not be regarded as satisfactory.

(b) The school must offer a course of at least 4,400 hours laboratory and didactic instruction.

(c) The minimum hours devoted to each branch shall be as follows:

Operative and clinical dentistry.....	1,300
Prosthetic techniques.....	384
Crown and bridge techniques.....	320
Operative techniques.....	160
Oral hygiene.....	22
Dental anatomy.....	96
Orthodontia.....	96
Oral surgery.....	96
Physics, biology, or both.....	192
Physics, biology, or both.....	192
Chemistry (inorganic—organic—physiological— metallurgy).....	320
Technical drawing.....	48
Anatomy.....	320
Histology.....	128
Pathology (general and dental).....	128
Materia medica.....	64
Bacteriology.....	128
Physiology.....	128
Dental rhetoric.....	96
Physical diagnosis, anesthesia.....	32
Radiology.....	32
Jurisprudence, dental history, ethics, economics.....	32
Additions to above, or other subjects.....	268
Total.....	4,400

TEACHING FACILITIES

Section 4. (a) The classes in dentistry must be taught separately from the classes in any of the other departments, if the dental school in question is part of a university.

(b) The patronage of the infirmary clinic must be such as to give each student at least 150 operations in fillings (gold, inlay, amalgam, cement, root fillings, etc.), prosthetic work, and orthodontia. Treatments preparatory to the above, and cases of exodontia must not be included in the number stated above.

(c) In the anatomical laboratory not more than eight students, working in pairs, may be assigned to one cadaver for a complete dissection.

(d) Every twenty students working in the infirmary at any given time must have the undivided services of at least one demonstrator.

(e) Every thirty students working in the scientific laboratories must have the undivided services of at least one instructor.

(f) Every forty students working in the technic laboratories must have the undivided services of at least one instructor.

(g) No persons except those holding the D. D. S., M. D., or bachelor degree or equivalent, or who hold a license to practice dentistry, shall be employed as instructors.

LABORATORIES AND OTHER FACILITIES

Section 5. (a) The school must be possessed of the following number of laboratories and class rooms, equipped in the following manner:

(b) One chemical laboratory equipped to adequately teach qualitative, quantitative, general inorganic and organic chemistry and physiological chemistry.

(c) One microscopical laboratory equipped with sufficient high power microscopes so that each student may be possessed of the use of a microscope when he is working in the laboratory.

(d) Sufficient class rooms—at least one of which must be equipped with a lantern for projection.

(e) Sufficient technic laboratories, so that each student in attendance is provided with an individual place for laboratory work.

(f) A dental infirmary, equipped with a sufficient number of dental chairs to adequately serve the senior class. An efficient equipment for sterilizing students' instruments must be provided.

(g) An X-ray outfit for use in conjunction with the dental infirmary.

(h) A dental library constantly available to the students, which shall have at least twice the number of volumes as there are students enrolled in the school.

STATE BOARD RECORD

Section 6. The school must have more than twenty-five per cent failures before the various State boards more than two years in succession.

ATTENDANCE

Section 7. The record of attendance required of students must not be less than eighty-five per cent for each year. Attendance shall be counted from close of registration.

PROMOTION OF STUDENTS

Section 8. (a) A student who has incomplete courses, or failures, in 40% of his course for any semester shall be dropped from his class.

(b) A student may not be promoted if he has conditions or failures in more than 20% of the course of any year.

(c) A student who fails to remove a condition or failure within twelve months from the time it was incurred shall automatically be dropped from the school.

(d) An incomplete course is one that has not been completed because of illness or other personal emergency.

PASSING MARK, CONDITIONS AND FAILURES

Section 9. (a) The passing mark shall be 75%.

(b) A grade between 50 and 74% is defined as a condition.

(c) A grade below 60% is defined as a failure.

(d) A condition may be removed by examination.

(e) A failure may not be removed except by repetition of the course in part or entirely, i. e., by additional work under instruction approved by the dean or the professor in charge of the subject.

(f) A condition which is not removed within thirty days of the opening of the next year, automatically becomes a failure and can then only be removed by a repetition of the course.

(g) If a school grades by letters it shall state (publish) definitely the percentage value of each letter used in designation of standings.

CLASS "B" DENTAL SCHOOL DEFINED

Schools which in certain particulars do not meet the requirements for Class "A," but may become eligible for Class "A" without complete reorganization.

CLASS "C" DENTAL SCHOOL DEFINED

Schools which could not meet the requirements for Class "A" without very extensive improvements and a complete reorganization. Class "C" schools shall be considered "not well recognized dental schools."

TRANSFER OF DENTAL SCHOOLS

Students of dental schools which have been well recognized but lost this recognition, may transfer to well recognized dental schools, if acceptable to these schools. Such students may be accepted as far as entrance requirements are concerned on the requirements of the school in which the student began the study of dentistry.

The following is the classification of Dental schools as adopted by Dental Educational Council of America, September 1, 1924:

CLASS A

University of California, Dental Department, San Francisco, Cal.
University of Southern California, College of Dentistry, Los Angeles, Calif.

Chicago College of Dental Surgery, Dental Department of Loyola University, Chicago, Ill.

Northwestern University Dental School, Chicago, Ill.

University of Illinois, College of Dentistry, Chicago, Ill.

State University of Iowa, College of Dentistry, Iowa City, Iowa.

University of Louisville, College of Dentistry, Louisville, Ky.

Harvard University Dental School, Boston, Mass.

Tufts College, Dental School, Boston Mass.

University of Michigan, College of Dental Surgery, Ann Arbor, Mich.

University of Minnesota, College of Dentistry, Minneapolis, Minn.

St. Louis University School of Dentistry, St. Louis, Mo.

Washington University School of Dentistry, St. Louis, Mo.
Creighton University, College of Dentistry, Omaha, Neb.
University of Buffalo, College of Dentistry, Buffalo, N. Y.
Western Reserve University Dental School, Cleveland, Ohio.
North Pacific College of Oregon, Portland, Oregon.
Thomas W. Evans Museum and Dental Institute, School of Dentistry, University of Pennsylvania, Philadelphia, Pa.
University of Pittsburgh, School of Dentistry, Pittsburgh, Pa.
University of Tennessee College of Dentistry, Memphis, Tenn.
Vanderbilt University, School of Dentistry, Nashville, Tenn.
Baylor University, College of Dentistry, Dallas, Texas.
Marquette University, College of Dentistry, Milwaukee, Wis.

CLASS B

College of Physicians and Surgeons of San Francisco, San Francisco, Calif.

University of Denver, School of Dentistry, Denver, Colo.

(Formerly Colorado College of Dental Surgery)

Georgetown University, Dental Department, Washington, D. C.

Howard University Dental College, Washington, D. C.

Atlanta-Southern Dental College, Atlanta, Ga.

Loyola University, School of Dentistry, New Orleans, La.

Tulane University of Louisiana, School of Dentistry, New Orleans, La.

University of Maryland, School of Dentistry, Baltimore, Md.

(Baltimore College of Dental Surgery was merged with it June 15, '23)

Kansas City-Western Dental College, Kansas City, Mo.

University of Nebraska, College of Dentistry, Lincoln, Neb.

Ohio State University, College of Dentistry, Columbus, Ohio.

Temple University Dental School, Philadelphia, Pa.

(Formerly Philadelphia Dental College)

Meharry Dental College, Nashville, Tenn.

Medical College of Virginia, School of Dentistry, Richmond, Va.

CLASS C

Cincinnati College of Dental Surgery, Cincinnati, Ohio.

Texas Dental College, Houston, Texas.

CLASSIFICATION POSTPONED

Indiana Dental College, Indianapolis, Ind.

(Classification postponed until the next meeting of the Council)

Columbia University School of Dentistry, New York, N. Y.

(Incorporated with the College of Dental and Oral Surgery of New York. Classification postponed until reorganization has been completed)

New York College of Dentistry, New York, N. Y.

(Classification postponed until the next meeting of the Council)

Ohio College of Dental Surgery, Cincinnati, Ohio.

(Affiliated with the University of Cincinnati on July 1, 1923; early complete merger in prospect. Classification postponed until the next meeting of the Council)

President

THOMAS J. BARRETT

507 Main St., Worcester, Mass.

Vice-President

MARCUS L. WARD

1308 Cambridge Road, Ann Arbor, Mich.

Secretary-Treasurer

ALBERT L. MIDGLEY

315 Butler Exchange, Providence, R. I.

JOHN H. BALDWIN

540 Atherton Bldg., Louisville, Ky.

HENRY L. BANZHAF

140 Sixteenth St., Milwaukee, Wis.

FRANK T. BREENE

Johnson County Bank Bldg., Iowa City, Iowa

THOMAS A. BROADBENT

25 E. Washington St., Chicago, Ill.

WILLIAM T. CHAMBERS

716 Metropolitan Bldg., Denver, Colo.

JOHN V. CONZETT

116 West Thirteenth St., Dubuque, Iowa

AUGUSTUS R. COOKE

815 University Bldg., Syracuse, N. Y.

SHEPPARD W. FOSTER

100 Butler St., Atlanta, Ga.

H. EDMUND FRIESELL

1206 Highland Bldg., Pittsburgh, Pa.

WILLIAM E. HOCKING

Devil's Lake, N. D.

WILLIAM H. G. LOGAN

Wood and Harrison Sts., Chicago, Ill.

LOUIS MEISBURGER

85 N. Pearl St., Buffalo, N. Y.

ALEXANDER H. REYNOLDS

4630 Chester Ave., Philadelphia, Pa.

CHARLES R. TURNER

40th and Spruce Sts., Philadelphia, Pa.

C. VICTOR VIGNES

830 Canal St., New Orleans, La.

RULES AND REGULATIONS

Rule I. Colleges shall each year issue announcements containing lists of their students classified in the grades of freshman, sophomore, junior and senior; designating absentees, irregulars and specials, and giving a list of graduates of the preceding sessions.

Rule II. No dental college shall confer any degree as honorary which is usually granted in due course of study and after examinations.

Rule III. No credit for the time of study pursued in any dental college not recognized as reputable by this board shall be allowed by any dental school.

Rule IV. There shall be graded courses of instruction, each course to be followed by examination thereon.

Rule V. A graduate of a recognized dental college, who applies to another college for its degree, shall complete one full year course or more of instruction in said college, and comply with the requirements of the senior class or its equivalent.

Rule VI. The president of Board of Dental Examiners may appoint a committee or committees to investigate any complaints or charges against a recognized dental college, or any other matter that may in any way come to his or her knowledge which, in his or her opinion, may require investigation.

Rule VII. Colleges will be recognized or recommended only when there has been actually secured by purchase or lease and fitted up with all required equipment, a sufficiently commodious and convenient building or part of building entirely adequate to the needs of reputable dental college. Such equipment shall include laboratories, etc., with proper chairs, benches and all other apparatus necessary for the proper teaching of Bacteriology, Histology, Microscopy, Chemistry, and such other scientific studies as should form a part of an advanced dental curriculum of study and as are required by these rules.

The character and attainments of its faculty, which must already have been named with the respective positions they are to occupy, must be such as to give assurance that the school will be conducted in a manner to insure complete and adequate instruction in all branches of a good dental curriculum.

Rule VIII. Credit shall not be given colleges recognized by this board for courses of instruction which do not commence in the morning and continue through the day.

Rule IX. In the publication of names of students in the annual announcements of colleges recognized by this board, those students who have been transferred during the session shall be indicated. All certificates of preliminary educational qualifications of such students before being accepted shall be verified by correspondence with the authorities issuing said certificates.

Rule X. A careful arrangement of the curriculum is recommended. Proper records shall be kept of the attendance, examinations, marking

and standing of each student for references for at least one year after graduation.

Rule XI. Although a college may have been recognized by this board as reputable, the board reserves the right to withdraw such recognition at any time, when it may deem it for the best interests of the public to do so. The failure of any college to live up to its profession and published announcements may involve such withdrawal or recognition. The president and secretary of the board are authorized to suspend such recognition pending an investigation, when any charge or facts come under their observation affecting the standing of such colleges. In addition to the minimum requirements established by the board, colleges will be held to a strict compliance with all their own published requirements, and to the observance of all rules which they profess to observe, and any material deviation therefrom coming to the knowledge of the board may be held sufficient ground for suspension of recognition, as above stated.

Rule XII. No college shall be, or continue to be, recognized by this board if said college is conducted or managed in whole or in part by any person or persons who do not practice dentistry in accordance with well recognized and generally accepted forms, usually known as dental ethics; or if owned in whole or in part by men or women who are engaged in disreputable dental practice, or having upon its list of trustees, in its faculties, among its demonstrators, or in any capacity, any one who does not practice dentistry in accordance with principles above mentioned. And no college shall be or continue to be recognized by this board which by itself or any of its officers, trustees, directors or agents shall be found guilty of the sale of a diploma or diplomas or any degree or certificate of merit in scholarship or standing which has not been earned in due course. The judgment and conclusion of the Board of Examiners upon all questions arising under these rules shall be absolutely final and conclusive as to all parties concerned, unless reversed by the decision of a court of competent jurisdiction.

Rule XIII. Any person desiring to practice dentistry in the State of Iowa, who is of good moral character, and a graduate of and has a diploma from the faculty of a reputable dental college, school or dental department of a reputable university, and whose preliminary education was graduation from a high school, four years' course or its equivalent, may come before the board at any of its regular meetings for examination in the several branches of dentistry, and if found proficient the board will issue to the said candidate a license to practice.

MISCELLANEOUS RULES EXAMINATION AND LICENSES

Rule XIV. Each candidate for examination for a license must present a diploma from a four-year course high school or its equivalent, and a diploma from a dental school recognized as reputable by this board, with a late photograph of applicant, and the fee of twenty dollars

(\$20) at least ten days before the examination (the fee in no case is returnable), and if found proficient a license will be issued. No license shall be issued to any candidate except after successful examination at a regular or special meeting.

Rule XV. There shall be one or more special meetings of the board each year for examination of candidates, time and place to be determined by president and secretary. Annual meeting may be held during the annual State Dental Society. Due notice of all special meetings shall be published in leading dental journals at least one month in advance of time, and notice mailed by secretary to each person who may apply for license.

Rule XVI. Examination shall be practical, oral or in writing or partly oral; or written, as prescribed by the board, or shall be in the English language.

Rule XVII. Theoretical examination in the following subjects: Anatomy, Physiology, Chemistry, Materia Medica, Pathology, Therapeutics, Bacteriology, Hygiene, Histology, Oral Surgery, Metallurgy, Prosthetic Dentistry, Operative Dentistry, Orthodontia, Jurisprudence and Anesthetics. An average of 80 per cent is required.

Sophomore dental students who present a clear card for two years' work and whose preliminary requirements are sufficient, may take the examination at the June meeting. In such subjects as are completed in junior year. (Board to designate the subject). Such examinations are not to be considered as accepting the candidate for examination for license.

No report of the result of such examination will be given until same is averaged with the final examination to be taken after finishing the dental course. The fee for sophomore examination will be ten dollars (\$10), which will be credited on final examination, when the final is taken.

Rule XVIII. Clinical demonstration will be required of each applicant, reciprocity candidates included, the nature to be determined by the board. Candidates must furnish all needed materials and operating instruments, engine included. Work must be prepared in presence of the board. An average of 80 per cent required.

Rule XIX. At the opening of the examination the applicant will be furnished with envelope containing numbered card. The applicant will write the name and address upon the card, seal the envelope and use this number on all examination papers. The sealed envelopes will, at conclusion of the written examination, be handed to the secretary and must not be opened until all papers are graded.

Rule XX. Any candidate detected trying to give or obtain aid from a fellow candidate shall be dismissed from examination and his or her paper for the entire examination rejected.

Rule XXI. Applicants are expected to be promptly on time at the place of examination. One subject at a time will be taken and com-

pleted by all the class before taking another subject. Read questions very carefully. Do not give information not asked for.

Rule XXII. An applicant failing to pass the required per cent may appear before the board at the next regular examination. A failure to pass second examination will disbar candidate from further examination by this board unless full fee is paid and complete examination taken.

Rule XXIII. The law does not permit board to issue temporary license, hence failure of an applicant to secure proper grade debars from practice. This rule will be strictly enforced.

Rule XXIV. An applicant for exchange certificate must be a member of the State Dental Society of Iowa as this requirement is demanded by other states having reciprocity laws.

Rule XXV. All licenses must be recorded in the office of the clerk of the court of the county in which holder is practicing within six months from the date of issue. A license is of no value unless properly recorded within specified time.

Roster of Practicing Dentists in Iowa, as Shown by Renewal Licenses—1924

Abbott, C. Ray	Des Moines	Baldwin, J. W.	Des Moines
Abbleiter, Emil Albert	Nashua	Bales, Francis R.	Earlham
Adair, Wm. S.	Kelllogg	Ball, Frank	State Center
Adams, Arlo D.	Algona	Ball, James Wm.	Battle Creek
Adams, Albert W.	Eldora	Balnot, William E.	Hawarden
Adams, C. F.	Des Moines	Baughman, Geo. P.	What Cheer
Adams, Frederick W.	Cedar Rapids	Bandy, Robert S.	Tipton
Addington, Earl	Marengo	Bare, Don Lester	Lenox
Alland, H. C.	Des Moines	Barker, Arthur D.	Birmingham
Akers, Loran P.	Des Moines	Barker, Samuel Geo.	Jefferson
Albright, Jos. Raymond .....	.....	Barnaby, Walter J.	Cedar Rapids
.....	Grundy Center	Barnes, F. A.	Cherokee
Allen, Edward H.	Cresco	Barnes, Van F.	Glenwood
Allen, Wm. S.	Jewell	Barry, Louis Cyril	Cassy
Allender, Lufe Carl	Atlantic	Barry, W. J.	Davenport
Allender, Roland B.	Boone	Barth, Paul M.	Boone
Altfillisch, Henry John	Dubuque	Bastron, Alexander	Ottumwa
Altllisch, John Wm.	Bellevue	Bateher, W. H.	Toledo
Amish, E. J.	Iowa City	Bates, Norman, Jr.	Bedford
Anderson, Chas. Everett	Madrid	Bauman, A. J.	Council Bluffs
Anderson, Carl I.	Manilla	Baumer, John B.	Des Moines
Anderson, Frank Ervin .....	.....	Baumgartner, Walter J.	Dubuque
.....	Sioux Rapids	Beach, Clayton Lyman	Hull
Anderson, Glenn C.	Avoca	Beam, Frank Newton	Ames
Anderson, Harvey A.	Des Moines	Beck, Albert A.	Panora
Anderson, John E.	Paton	Beck, Robert Frederick .....	.....
Anderson, L. D.	Monroe	.....	Webster City
Anderson, Maymie P.	Dayton	Beckman, Frits S.	Grundy Center
Anderson, Virgil R.	Manning	Beeman, Clarence E.	Cedar Rapids
Anderson, Walter Ira	Boone	Beemer, G. Noyes	Mason City
Andrews, Geo. Jay	New London	Beemer, Horace S.	Mason City
Andrews, Raymond James .....	.....	Belding, Herbert Hooker	Waucoma
.....	Marshalltown	Belding, Paul H.	Waucoma
Andrie, Pearl M.	Cedar Rapids	Bell, Stanley Curtis .....	.....
Anneberg, Robt. D.	Carroll	.....	Valley Junction
Arnold, Frederick J.	Keokuk	Bell, Robt. M.	Clinton
Arthur, S. W.	Nevada	Bellamy, Joseph D.	Shenandoah
Atkins, A. P.	Des Moines	Bender, Irwin T.	Ireton
Austin, Arthur Floyd	Des Moines	Benesh, Frank B.	Cedar Rapids
Avery, George Emery	Cherokee	Benn, Raymond M.	Dubuque
Axon, Donald W.	Hudson	Bentlage, Frank P.	Neola
.....	.....	Berg, Nelson C. A.	Webster City
Bailey, Lloyd F.	Laporte	Bergquist, Albert E.	Sioux City
Baird, Oliver E.	Blanchard	Berkey, Neal C.	Des Moines
Baker, Chas. R.	Davenport	Berner, H.	Council Bluffs
Baker, Lyle G.	Algona	Berry, Geo. M.	West Union
Baldridge, Edward W. ....	.....	Beshsars, Wm. H.	Cedar Rapids
.....	Valley Junction	Besore, C. F.	Ida Grove
Baldus, Chas. Clifford	Goldfield	Besore, J. H.	Ida Grove

Bettice, Daniel W.....	Spencer
Beyer, Christian P.....	Waverly
Biddleman, Loren F.....	Wehster City
Bidwell, E. E.....	Sioux City
Bigger, E. P.....	Lisbon
Bigger, Lew E.....	Collins
Bigard, L. L.....	Iowa City
Bixby, Raymond Lee.....	Union
Blachley, Carl Wentworth.....	Centerville
Black, A. T.....	Elston
Black, Hiram H.....	Davenport
Blackman, Jay Verne.....	Iowa City
Bliss, Cecil H.....	Iowa City
Bliss, John Alden.....	Sioux City
Blomberg, R. W.....	Pt. Dodge
Blue, Jerry J.....	Valley Junction
Boatman, C. A.....	Waterloo
Bock, Edwin C.....	Fairfield
Bogaard, Dave Bernard.....	Manchester
Boggs, Sidney R.....	Auburn
Bolke, H. G.....	Sioux City
Boller, F. J.....	Sioux City
Boller, Ora Frank.....	Washington
Bomke, Martin P.....	Muscatine
Bomke, John J.....	Muscatine
Bonfield, H. Jay.....	Knoxville
Boober, Robert P.....	Logan
Boober, Wallace James.....	Missouri Valley
Boone, W. C.....	Ottumwa
Booth, C. N.....	Cedar Rapids
Booth, John J.....	Marion
Booth, Roy Geo.....	Grimes
Borchers, F.....	Sioux City
Bowie, A. R.....	Oskaloosa
Bowles, A. H.....	Cedar Rapids
Bowles, H. J.....	Sioux City
Boyne, Harry N.....	Council Bluffs
Boysen, Harry Alvin.....	Waterloo
Bracewell, Fred.....	Allerton
Bradfield, Norwood S.....	Pt. Madison
Bradner, Fred Coe.....	Des Moines
Bradshaw, D. F.....	Bagley
Bradshaw, W. C.....	Ogden
Brady, Thomas Bernard.....	Dexter
Brager, Arthur Myron.....	Sioux City
Brale, Ernest Edward.....	Britt
Brandt, Carl R. M.....	Council Bluffs
Brandt, Raymond V.....	Dysart
Brandt, Wm. F.....	Walnut
Brann, C. T.....	Knoxville
Braun, Hugo Arthur.....	Davenport
Breene, Frank T.....	Iowa City
Brewer, C. R.....	Early
Bridges, F. C.....	Linn Grove
Brierly, Herbert H.....	Clermont
Brierly, Mark Robt.....	Independence
Brook, A. J.....	Grinnell
Brook, H. B.....	Grinnell
Bronson, I. C.....	Nora Springs
Brooks, George.....	Greenfield
Brooks, Harry V.....	St. Charles
Brooks, Lorenzo.....	Audubon
Bronson, A. F.....	Nora Springs
Bronson, J. L.....	Reinbeck
Brown, Albert Lew.....	Perry
Brown, B. E.....	Marshalltown
Brown, Curtis Henry.....	Traver
Brown, Daniel J.....	Ottumwa
Brown, Frederick J.....	Sheldon
Brown, G. G.....	Iowa City
Brown, Max Everette.....	Red Oak
Browning, Ernest W.....	Morning Sun
Brucher, Walter J.....	Le Mars
Bruner, Chas. W.....	Waterloo
Brunson, Edward T.....	Sioux City
Bryan, Alvin W.....	Iowa City
Bryan, Kenneth.....	Odebolt
Buck, Harold G.....	Ames
Bullock, Trevor W.....	Clarinda
Bunker, Fred T.....	Newton
Bunker, O. W.....	Newton
Buona, Fern W.....	Des Moines
Burgfried, Adolph E.....	Pt. Dodge
Burke, Raphael E.....	Marshalltown
Butterfield, A. R.....	Cedar Rapids
Butterfield, Louie W.....	Cedar Rapids
Byers, Harold C.....	Newton
Byers, Robt. E.....	Batavia
Byrnes, J. P.....	Fort Dodge
Bruce, G. R.....	Columbus Junction
Cain, W. P.....	Colfax
Calder, James Hubert.....	Cedar Rapids
Calhoun, Jos. A.....	Lake Mills
Calhoun, Joseph F.....	Eldon
Cameron, James Spencer.....	Waukon
Cameron, W. J.....	Des Moines
Cannon, Willis L.....	West Union
Carey, Marc Raymond.....	Missouri Valley
Carl, Cecil E.....	Waterloo
Carpenter, Lockwood D.....	Indianola
Carpenter, M. M.....	Keokuk
Carpenter, Sam V.....	Centerville
Carpenter, R. G.....	Des Moines
Carrick, Clyde Cecil.....	Mason City
Carroll, Ed. H.....	Davenport
Carroll, Robt. J.....	Waterloo
Carroll, W. D.....	Davenport
Carson, H. E.....	Clinton
Carter, Edwin Otis.....	Des Moines
Carter, L. J.....	Newton
Cartwright, Chas. H.....	Burlington

Casady, Craig W.....	Sibley
Cass, M. W.....	Davenport
Cass, Roy A.....	Davenport
Cassiday, James Edward.....	Waukon
Caywood, Harry E.....	Lake Park
Chamberlin, Lewis.....	Parkersturg
Chapman, Claude E.....	Des Moines
Chapman, Nathan S.....	Des Moines
Chapman, Wm. H.....	Burlington
Charters, W. J.....	Des Moines
Check, Frank James.....	Cedar Rapids
Chesbro, M. B.....	Shell Rock
Chitty, Clyde E.....	Correctionsville
Choate, Wm. M.....	Marshalltown
Christenson, O. A.....	Albert City
Christie, Bert Lee.....	Wapello
Clark, Floyd Chester.....	Iowa Falls
Clark, O. W.....	Pt. Dodge
Clark, Paul R.....	Knoxville
Clarke, Thomas Patrick.....	Cascade
Claus, Everett C.....	Tripoli
Clemmer, John J.....	Cresco
Clemmons, Guy Harvey.....	Storm Lake
Clifford, Leo, Francis.....	Marengo
Clifton, Ivan L.....	Doon
Clough, Hal Edward.....	Storm Lake
Clow, Lavender P.....	Bloomfield
Cobb, Harold O.....	Perry
Cochran, Harry R.....	Sheldon
Coder, Clarence J.....	Spencer
Colby, Frank J.....	Forest City
Colby, Jas. E.....	Lake Mills
Colby, Norman E.....	Fort Madison
Cole, Harry D.....	Postville
Coles, William Henry.....	Des Moines
Colgan, Chas. C.....	Clear Lake
Collins, Francis R.....	Belle Plaine
Collis, Clarence C.....	Glidden
Collis, K. L.....	Lohrville
Collis, Kenneth O.....	Rockford
Collison, D. A.....	Marshalltown
Colvig, J. W.....	Lake City
Conn, Frank A.....	Hartley
Connell, G. D.....	Davenport
Conner, Robert S.....	Des Moines
Conover, Cecil V.....	De Witt
Conover, Fred Walton.....	Decorah
Conzett, John V.....	Dubuque
Cook, J. W.....	Pella
Cook, O. I.....	Des Moines
Cook, W. L.....	Afton
Cook, Corlies D.....	Manson
Cook, Lester Rube.....	Newton
Cooper, Robert S.....	Winterset
Copeman, Archie B.....	Ottumwa
Coppersmith, Floyd C.....	Des Moines
Cornell, Ira A.....	Clinton
Cornish, Marshall S.....	Waterloo
Cory, Harry H.....	Des Moines
Cory, Francis M.....	Des Moines
Cotton, K. P.....	Sioux City
Courtright, E. H.....	Pt. Madison
Couser, Harry T.....	Belle Plaine
Covalt, Scott T.....	Council Bluffs
Cowan, W. A.....	Stater Center
Coy, Harry C.....	Hamburg
Coy, Herbert Dale.....	Hamburg
Crain, L. F.....	Missouri Valley
Craven, John G.....	Des Moines
Crawford, F. M.....	Tablor
Crawford, Guy.....	Dumont
Crawford, Mathew O.....	Mason City
Crawford, R. A.....	Sioux City
Crelighton, D. M.....	Mediapolis
Cress, G. H.....	Wheatland
Cress, Geo. Tilden.....	Sioux City
Cretors, Chas. R.....	Creston
Crisinger, Donald L.....	Lake City
Crooks, Wm. Bennett.....	Washington
Crouse, R. M.....	Waterloo
Crum, A. L.....	Boone
Cunningham, Cecil W.....	Russell
Cunningham, George W.....	Le Mars
Cunningham, H. E.....	Mason City
Cunningham, Thos. Stephens.....	Davenport
Curran, John James.....	Oakland
Currer, Geo. Robert.....	Sloan
Currie, Albert L.....	Monona
Curry, Paul J.....	Ida Grove
Cutter, Earle V.....	Oange
Cutter, W. A.....	Council Bluffs
Cypra, R. K.....	Cedar Rapids
Daley, Leo R.....	Fort Dodge
Damon, E. R.....	Cresco
Dana, A. W.....	Burlington
Dana, R. S.....	Manson
Danes, L. R.....	Des Moines
Danforth, Paul G.....	Iowa City
Darby, Wesley C.....	Des Moines
Darling, J. H.....	Ogden
Darling, Loren M.....	Des Moines
Darnell, G. W.....	Sumner
Daufenbach, Roger Williams.....	Sioux City
Daugherty, Thomas E.....	Guthrie Center
Damm, Leo A.....	Waterloo
Davis, Don D.....	Washington
Davis, Freeman.....	Centerville
Davis, Fred M.....	Creston
Davis, Geo. W.....	Moulton
Davis, H. R.....	Storm Lake
Davis, Harry Scott.....	Manchester
Davis, John Clarence.....	Oelwein
Davis, John D. C.....	Ottumwa

Davis, John H. Sioux City
 Davis, Lloyd Centerville
 Dealy, Dennis M. Sioux City
 Dean, Archie Lott Tipton
 Dearborn, H. T. West Oak
 Dearborn, Forrest W. Hubbard
 Debe, Fred R. E. Waterloo
 Debe, Wm. E. Waterloo
 Deighton, Jas. A. Sioux City
 De Loto, C. A. Cedar Rapids
 De Mota, Henry Sioux Center
 Denault, Eugene V. Walnut
 Derr, Mrs. J. W. Grinnell
 Dessaint, Louis R. Davenport
 Devereaux, Claude H. Humboldt
 Devereaux, Theodore E. Ft. Dodge
 Dewalt, John Edward Sioux City
 Dexter, Clement J. Davenport
 De Yarman, Lester Cedar Rapids
 Dice, Arthur S. Clear Lake
 Dice, Guy Kenneth Tipton
 Dick, Leo G. Oakland
 Dingwall, Andrew Clinton
 Dixon, Frank L. Rock Valley
 Dixon, Geo. Edward Sioux City
 Dodds, Logan Cedar Rapids
 Dolmage, Wm. T. De Witt
 Donaldson, John K. Audubon
 Donlon, J. P. Elkader
 Donnan, Harry Lane Lake Park
 Donohue, Walter A. Keystone
 Donohue, James C. Ft. Dodge
 Doran, O. D. Davenport
 Dorman, John Edward Fayette
 Dorman, J. M. Manchester
 Dorman, J. M. Fayette
 Dorr, Phillip P. Ft. Dodge
 Dow, Donald V. Grinnell
 Dow, Lewis Chas. Marion
 Dowden, E. H. Vinton
 Drain, C. L. Iowa City
 Drake, Don Delbert Des Moines
 Drummond, Chas. E. Marion
 Dubois, Ralph E. Pringarth
 Dubois, Wm. H. Royal
 Duffin, H. LeRoy Garnaville
 Duffy, M. H. Bussey
 Duffy, R. H. Davenport
 Duncan, Warren Winfield
 Dunkle, C. S. Gilman
 Dunning, Walter L. Ottumwa
 Dunneah, M. S. Council Bluffs
 Dwight, John F. Des Moines
 Iwight, J. H. Des Moines

Eickelberg, George C. Fairbank
 Eisenhart, Albert Verne Burlington
 Eldridge, Robt. B. Sioux City

Eller, C. L. Ottumwa
 Eller, Clyde B. Clarinda
 Eller, Lloyd Roscoe Fairfield
 Ellis, G. C. Maquoketa
 Ellis, G. H. Maxwell
 Ellis, Jacob B. Maquoketa
 Ellis, Paul G. Maquoketa
 Elmquist, H. A. Des Moines
 Emmons, E. Richard A. Clinton
 Engelbmann, Andrew U. What Cheer
 Engle, Howard Stanton Lineville
 Englund, Fritz Wm. Muscatine
 Entriken, Jos. B. Des Moines
 Erb, Benjamin F. Anamosa
 Erb, Benjamin H. Ft. Dodge
 Ericson, A. J. Pierson
 Ervin, Hadley H. Remsen
 Erwin, M. B. Remsen
 Esser, Joseph C. Sheffield
 Essinger, Orin William Sheffield
 Evans, L. J. Davenport
 Evans, Samuel J. Davenport
 Ewen, S. G. Estherville
 Failer, C. B. Dunlap
 Fairall, John A. Des Moines
 Fanton, L. D. Gilman
 Farnsworth, Frank W. Sanborn
 Fatland, Old S. Colfax
 Fear, Milo Francis Sigourney
 Feese, Martin B. Albia
 Feike, Lawrence V. Des Moines
 Feldman, R. D. Ames
 Fenling, J. C. Cresco
 Fenner, C. L. Iowa City
 Fenton, Melvin Geo. Cedar Rapids
 Fenton, Ralph A. Iowa City
 Ferguson, P. H. Laurens
 Ferguson, K. R. Ames
 Ferrobby, Thomas Geo. Humboldt
 Ferstenberg, Wm. P. Clinton
 Fickey, Ward Lorenza Sioux City
 Fielding, Frank P. Milo
 Fields, Wm. Harry Clarksville
 Figgs, John Walter Iowa City
 Fick, Robert Miles Le Mars
 Finlayworth, L. T. Stacyville
 Filigrat, C. A. Spencer
 Fisch, G. M. Rock Rapids
 Fish, Walter E. Anita
 Fisher, Archie Ray Paulina
 Fitzgerald, D. J. Mason City
 Fitzgerald, L. M. Dubuque
 Flanagan, W. L. Mallard
 Fleener, James E. Okaloosa
 Flynn, W. T. Sioux City
 Folbrecht, Wayne F. Iowa Falls
 Foley, John Joseph Ft. Dodge
 Foley, Thomas Joseph Maquoketa

Foltz, Homer A. Perry
 Fonda, Horace Ward Rockwell City
 Foono, J. P. Hedrick
 Foono, Lewis L. Richland
 Forbes, Lacey S. Nashua
 Ford, Earl Henry Des Moines
 Fordyce, Chester Fairfield
 Forney, J. Eston Keokuk
 Forney, John W. Osceola
 Foss, Simon A. Inwood
 Foster, Irving W. Des Moines
 Foster, John E. Henwick
 Foster, C. S. Newton
 Foster, Rex B. Reinbeck
 Fourn, Frank Fairfield
 Fowling, J. W. Albia
 Frampton, Harris B. Ft. Dodge
 Francis, T. P. Manson
 Frankson, Edward C. Lake View
 Frank, A. J. Okaloosa
 Frank, J. R. Mitchellville
 France, B. O. Marshalltown
 Frazier, Max C. Okaloosa
 Fresh, Raymond E. Des Moines
 Fredericksen, James Martin Estherville
 Freedland, Elmer W. Clarinda
 Freebirds, Frank N. Lime Springs
 Frisbie, W. H. Nora Spring
 Frush, Roy C. Adel
 Furman, Walter O. Pocahontas

Gable, John C. Council Bluffs
 Gabriel, Wm. M. Clinton
 Galbraith, Hugh Sioux City
 Gallagher, Frank J. Hospers
 Gallagher, O. H. Grinnell
 Galloway, Wm. P. Estherville
 Gamberlinger, G. C. Remsen
 Gammes, Oren E. Boone
 Ganta, Henry H. Albia
 Gardner, H. H. Williamsburg
 Garretson, W. R. Knoxville
 Garrison, Grayson G. Harlington
 Gary, Arthur Geo. Walker
 Gause, Arthur G. Livernore
 Gehlue, W. K. Stuart
 Genung, G. E. Osage
 Gerche, John Charles Clinton
 Gerlitz, W. R. West Branch
 Gibbs, Benjamin F. Council Bluffs
 Giffin, Paul Henry Williamsburg
 Gilbert, Geo. W. Vinton
 Gill, H. E. Osteen
 Gillett, Roy Chester Okaloosa
 Gladson, Robt. E. Burlington
 Glasier, Edwin S. Cedar Rapids

Gilmers, Clark J. Lamoni
 Goble, Melvin D. Dubuque
 Godlove, Geo. W. Riverside
 Godlove, Lester Wellman
 Godshall, Oliver Des Moines
 Gogerty, John Waterloo
 Goldthwait, Guy G. Sigourney
 Golly, C. E. Spencer
 Good, Ralph Lewis Marshalltown
 Goodsell, Edward H. Des Moines
 Gordon, Henrietta A. Tipton
 Gordon, W. R. Iowa City
 Gore, Frank Albert Sidney
 Gornly, Thomas A. Mt. Vernon
 Goss, Edwin Emery Muscatine
 Gould, C. Fred Sioux City
 Grady, Henry LeRoy Belmond
 Grady, C. W. Van Horn
 Graham, Alvah B. Mountzema
 Graham, L. P. Iowa City
 Grant, Geo. Arthur Indianola
 Graves, Craig E. Hillsboro
 Gray, Lewis R. Cedar Rapids
 Green, Gilbert J. Ft. Dodge
 Green, G. N. Newton
 Greenawalt, R. A. Cedar Rapids
 Greene, Arthur George Orient
 Greene, H. W. Cedar Rapids
 Greenfield, Chas. R. Tipton
 Greeno, J. Frederick Des Moines
 Greenwood, Glenn J. Iowa City
 Gregg, Robt. W. Lone Tree
 Gregg, Vernon M. Cedar Falls
 Greiner, Abram J. Muscatine
 Griffen, F. M. Manson
 Griffin, T. A. Cedar Rapids
 Griffin, T. R. Sioux City
 Grothaus, T. C. Buffalo Center
 Grove, Wm. Alfred Tipton
 Grunfeld, Julius Des Moines
 Guenther, H. J. Davenport
 Gustaf, Louis Eugene Burlington
 Gustafson, Council Bluffs
 Gustafson, Hiram R. Newton
 Haas, Alfred L. Des Moines
 Haffa, Frank Arthur Waterloo
 Hagerman, Gen. W. Clarence
 Hagerty, R. E. Dubuque
 Haines, Chas. Earl Coggon
 Haley, F. V. Cedar Falls
 Hall, Edward A. Reinbeck
 Hall, Lincoln Burlington
 Haller, Wm. E. Davenport
 Hallett, James A. Des Moines
 Hambley, Jos. T. Gilmore City
 Hamilton, Gail W. Council Bluffs
 Hamlin, Fred C. Perry

Hammer, W. H. Des Moines	Herbert, Vane H. Storm Lake
Hammer, W. U. Atlantic	Herrald, F. H. Eldora
Hancock, Robt. L. Belle Plaine	Herrick, P. W. Jefferson
Hannafin, T. F. New Albin	Herrry, Thomas H. Clinton
Hansen, A. J. Storms Lake	Herron, John G. Creston
Hansen, Raymond T. Vinton	Hess, John J. Creston
Hanson, H. E. Cedar Rapids	Hesselhus, John Lewis Klemme
Harding, Milton Wilton Junction	Heaton, Mayo D. Davenport
Harlan, Walter L. Knoxville	Heverly, Samuel F. Waterloo
Harmon, Chas. H. Des Moines	Heyen, Hans C. Emmetsburg
Harmon, James B. Des Moines	Heykens, Herman Knoxville
Harned, Walter Glenwood	Hiett, Will M. Malvern
Harned, C. W. Des Moines	Higbee, Mark L. Mechanicsville
Harper, Albert S. Oelwein	Higgins, Bert C. Mason City
Harrington, E. J. Sioux City	High, Delbert Montezuma
Harris, Cleo Stanley Lamotte	Hildebrand, Jos. A. Waterloo
Harris, Harvey L. Linville	Hildebrand, John G. Waterloo
Harris, J. B. Jewell	Hillman, Ralph L. Davenport
Harris, V. K. Muscatine	Hill, C. V. Dillsboro
Harrison, Edward R. Clarinda	Hill, Floyd S. Keokuk
Harrison, Rollins Zeairing	Hill, Harry S. Boone
Hartman, John Lane. Cedar Rapids	Hillemeier, Frank H. Carroll
Harvey, Geo. A. Iowa City	Hines, Edgar J. Grand River
Harvey, Henry James. Sibley	Hines, Hewitt W. Ft. Dodge
Harvey, Royal A. Cedar Rapids	Hinkley, C. B. Keokuk
Hasek, Alvis M. Cedar Rapids	Hinkley, H. D. Williamsburg
Hasek, Ivan S. Sioux City	Hirt, Oscar Elmer. Bloomfield
Hasek, V. O. Cedar Rapids	Hoag, C. E. Wapello
Haselton, Harvey, Barden. Des Moines	Hoag, E. E. Manchester
..... Des Moines	Hoag, Geo. W. Dubuque
Hasley, Mary Teresa Amama	Hobbs, John M. Ft. Madison
Hastings, Elmer W. Waukon	Hobson, F. N. Griawold
Hautsch, P. A. Sioux City	Hockabout, Wm. Gravity
Hatch, S. C. Sioux City	Hoffbubr, L. L. Marshalltown
Hathaway, J. Chas. Nevada	Hoffman, Karl R. Le Mars
Hathorn, J. B. Des Moines	Hoffman, Olin E. Des Moines
Hathorn, P. A. Des Moines	Hogan, Mark F. Monticello
Hayes, John B. Davenport	Hollenbeck, T. B. Des Moines
Hayes, Warren Lansing	Holliday, H. H. Moravia
Hayes, C. T. Red Oak	Hollingshead, Leo, A. Glenwood
Hazen, Edwin P. Ft. Madison	Hollowell, Leighton E. Clinton
Heacox, Francis E. Britt	Holm, M. L. Grand Junction
Heers, Walter C. Atlantic	Holiday, Stanley F. Stratford
Hefflin, Frank H. Elk Horn	Homan, Millard C. Corning
Heiny, Albin J. Northwood	Hoover, H. E. Hawkeyes
Heiny, Claude R. Northwood	Hopkins, Lyman O. Cranston
Heiny, Fred Wm. Marathon	Horton, G. L. Onaga
Helpis, Harold H. Waterloo	Horton, John P. Dubuque
Heisey, Davis J. Dubuque	Houghton, Gerrit H. Waterloo
Hemmlinger, Dave M. Prairie City	Houghton, Marvin J. Des Moines
Hemplingway, John D. Waverly	Houser, David G. Cambridge
Hemphill, W. T. Ruthven	Houser, H. P. Ft. Dodge
Hemsworth, Leroy C. Waterloo	Howard, E. W. Des Moines
Henderlinder, E. A. Onawa	Howd, John B. Waterloo
Henderson, Fred Council Bluffs	Howe, Ewart C. Boo City
Henkin, Mort Sioux City	Howe, Ewart C. Sioux City
Henle, M. F. Lyons	Howe, Geo. R. Muscatine
Henshaw, Chas. H. Des Moines	Howell, Frank W. Davenport

Howell, Harry Carl. Davenport	Johnson, John H. Waukon
Howes, R. N. Clinton	Johnson, H. L. Gorrie
Hoxie, Chas. R. Waterloo	Johnson, Leland R. Anita
Hruska, E. E. Cedar Rapids	Johnson, Oscar E. Rock Rapids
Hruska, W. F. Cedar Rapids	Johnson, T. W. Lake City
Hubbard, Boyd Adair	Johnson, R. C. Woodbine
Hubbard, Eugene T. Iowa City	Johnson, Walter Harold. Salem
Huber, Chas. F. Cedar Rapids	Johnson, Wm. M. Stanhope
Huber, Charles R. Logan	Johnston, Samuel P. Okaloussa
Hudlik, Joe J. Oxford Junction	Jones, Blanch A. Davenport
Hulse, Ray Ramsey. Keota	Jones, H. K. Mason City
Humiston, Albert N. Cedar Rapids	Jones, John M. Shelby
Hummel, Andrew T. Dyersville	Jones, Maurice A. Iowa City
Humphrey, C. Grand Junction	Jones, Thomas B. Rolfe
Humphrey, John Herbert. Creston	Jones, W. P. Charles City
..... Sioux City	Joslyn, A. A. Clear Lake
Humphrey, M. A. Logan	Joy, H. J. Newton
Humphrey, Glenn Herbert. Ames	Joynt, Robert James. Le Mars
Humphrey, Wm. Francis. Monona	Justice, Paul C. New Sharon
Hunsticker, G. L. Des Moines	Kadesky, Louis Ft. Dodge
Hunter, Altes Conger. Des Moines	Kadesky, Max Dubuque
Hupp, Edward F. Atlantic	Kaehr, A. M. Dubuque
Hurd, Harry A. Des Moines	Kaep, H. J. Dubuque
Hurley, M. C. Clinton	Kahley, Hobard M. Story City
Hurst, H. E. Centerville	Kain, Wm. Edward. Algona
Hurst, Thomas Henry. Ft. Dodge	Karsten, H. H. Sumner
Huston, Carl Fay Des Moines	Karsten, Herman M. Sumner
Hutchinson, Leo, S. Elgin	Kascht, Lawrence Bernard. Jessup
Hvistendahl, Nels J. Sioux City	Katz, A. L. Sioux City
Hynds, Jacob Mason City	Katz, Samuel Arthur. Des Moines
Iigenfrits, Hugh F. Dexter	Kaufner, J. A. Burlington
Imlay, Frank L. Clear Lake	Kauffman, G. W. Des Moines
Irish, Marion E. Ft. Dodge	Keeler, H. D. Des Moines
Irwin, J. N. Brighton	Keeton, A. P. Knoxville
Irwin, Ralph M. Richland	Keesey, L. Q. Fairfield
Ishell, Wm. O. Eldon	Kehee, H. D. Gladbrook
Ivey, Alexander Batherville	Kehee, Will D. Ryan
Jack, Evert D. Cedar Falls	Keller, H. W. Des Moines
Jackson, I. M. Lehigh	Kellogg, Arthur V. Dallas Center
Jacobsen, H. H. Iowa City	Kellogg, Howard H. Sioux City
Jacobson, Louis M. Jewell	Kellogg, L. F. Marshalltown
James, Frank B. Davenport	Kellogg, R. D. Sioux City
Jankawa, W. G. Ft. Dodge	Kelly, Chas. H. Davenport
Jauman, Robert Larchwood	Kelly, H. E. Vinton
Jayne, Wm. B. West Liberty	Kelly, John H. Cedar Rapids
Jeffers, Chas. H. Council Bluffs	Kelly, John Wm. Mason City
Jeffers, Wm. Jos. Elkader	Kelly, M. J. Davenport
Jensen, James Cedar Falls	Kelly, Richard D. Sigourney
Jensen, P. A. Mason City	Kelly, T. S. Sioux City
Jerrel, C. O. Mt. Pleasant	Kelsey, Francis M. Villisca
Jess, Fred H. Holstein	Kelsey, R. B. Belle Plaine
Johnson, C. V. Council Bluffs	Kelson, Walter J. New Hampton
Johnson, Henry E. Cedar Rapids	Kendall, Raymond D. Early
Johnson, H. G. Muscatine	Kenderline, Wm. H. Sioux City
Johnson, Harry G. Lakota	Kennedy, Claude M. Des Moines
.....	Kennedy, James Iowa City

Kennedy, Joseph B.....Des Moines	Larson, A. M.....Belmond
Kern, Fred J.....Burlington	Larson, Ture L. B.....Sioux City
Kern, Robert.....Iowa City	Latcham, Harry E.....Sioux City
Kerr, E. H.....Mechanicsville	Lattimer, Milo B.....Corning
Kerrian, James A.....Davenport	Laude, Peter Perry.....Des Moines
Kesler, Carl J.....Rock Valley	La Valette, L. F.....Oxford
Kessler, Lawrence A. B.....Cedar Rapids	Lawhead, Carlton C.....Mount Air
Kestler, Roy C.....Hampton	Lawson, L. G.....Des Moines
Kierson, L. A.....Alta Vista	Lawyer, L. E.....Iowa City
Kimbell, Will E.....Des Moines	Laftan, C. L.....Cedar Rapids
King, C. A.....Boone	Leach, Don S.....Dubuque
Kinney, Charles L.....Essex	Leake, Kaster S.....Burlington
Kinney, Guy B.....Ocheyedan	Lee, Francis Edward.....Des Moines
Kinseth, Floyd L.....West Bend	Leech, Chas. S.....Winterset
Kinsley, J. D.....Cedar Rapids	Leadham, Harry L.....Clinton
Kinzer, Walton R.....Grinnell	Leeds, Ben D.....Cherokee
Kirkpatrick, Ray.....Fairfield	Lehman, C. V.....Cedar Rapids
Klaefenbach, Arthur O.....Iowa City	Leidigh, Roy Elmer.....Marion
Kline, Loren Lee.....Primghar	Leish, Chas. L.....Davenport
Knapp, John M.....Boone	Lemley, L. M.....Ottumwa
Knapp, M. O.....Guthrie Center	Lemley, L. G.....Grinnell
Knarr, Welton.....Atlantic	Leonard, J. J.....Dubuque
Knight, N. P.....Vinton	Leonard, James P.....Davenport
Knodle, M. G.....Melbourne	Lewis, B. J.....Durant
Knoll, Oscar A.....Dubuque	Lewis, Chas. B.....Ottumwa
Knott, Herman A.....West Liberty	Lewis, Le Roy W.....Shenandoah
Knowles, A. C.....Jesup	Lewis, S. M.....Dubuque
Knowles, Abram H.....Des Moines	Lewis, Wm. A.....Des Moines
Koch, Arthur F.....Remsen	Llaho, C. E.....Center Point
Koch, Wm. Harold.....Waterloo	Linderholm, Martin Julius.....Farmington
Krats, Chas. Q.....De Witt	Lingo, Arthur M.....Muscatine
Krats, D. J.....Burlington	Link, Nicholas.....Dubuque
Krats, Wm. F.....Burlington	Lippold, John P.....Spencer
Kress, O. W.....Waterloo	Littig, Henry A.....Davenport
Kromer, E. H.....Waverly	Locher, E. E.....Dubuque
Kulander, Henry.....Swea City	Locher, J. J.....Dubuque
Kulp, D. E.....Titonka	Locher, Laurence R.....Farley
Kunz, Raymond F.....Mason City	Logan, Chas. R.....Keokuk
Kurth, J. E.....Waterloo	Logan, Gordon B.....Melcher
Kuster, Samuel W.....Correctionville	Long, J. E.....Eagle Grove
	Long, Ralph C.....Sioux City
	Long, W. H.....Renwick
Laird, James O.....Malvern	Longm, M. B.....Cedar Rapids
Lambert, Ana P.....Monticello	Lotts, E. G.....Dwars
Lambert, Jaa. Dewey.....Hampton	Loucks, H. W.....Peterson
Lane, J. B.....Clarence	Love, Dorace T.....Manson
Lanphers, Wm. Alfred.....Des Moines	Luce, G. R.....Deoraah
Lan, Ben.....Burlington	Lueke, Paul P.....Le Mars
Lan, Maurice.....Des Moines	Luehr, F. O.....Cresco
Landegren, J. W.....Burlington	Luglan, E. E.....Kenwood Park
Lange, Frank.....Dubuque	Luglan, H. D.....Davenport
Lange, Henry F.....Muscatine	Lundell, Henry W.....Webster City
Langland, Edwin E.....Story City	Lutz, M. Irving.....Des Moines
Langland, Oliver A.....Holstein	Lyon, David E.....Jefferson
Langland, R. F.....Madrid	Lyons, Geo. E.....Corning
Lankelma, G. H.....Pella	Lynch, F. L.....Marshalltown
Lankelma, J. V.....Pella	Lynch, Jay M.....Stuart
Lappin, M. R.....Riceville	

Lynn, Iola Bruce.....Marshalltown	McCoy, Thomas Rodger.....Waterloo
Lynn, A. A.....Marshalltown	McCrea, H. C.....Boone
	McCright, Glen H.....Greenfield
Maassen, Frank.....Harlan	McCrish, Martin A.....Osborne
Mac Gregor, Henry V.....Mason City	McDonald, Raymond P.....Marcus
Madison, Herbert.....Burlington	McDonaldell, Thos. J.....Perry
Magennis, Jos. Leonard.....Pt. Dodge	McElwain, Park W.....Sioux City
Maguire, James Q.....Dubuque	McEvoy, Jos. M.....Des Moines
Mahood, D. G.....Cedar Rapids	McEvoy, Martin L.....Des Moines
Mahood, Louis M.....Sioux City	McEvoy, R. D.....Missouri Valley
Maloney, John C.....Pt. Madison	McFate, R. A.....Corydon
Maloney, John Henry.....Des Moines	McGarvey, L. E.....Davenport
Maloney, J. J.....Rock Rapids	McGowan, John Stewart.....Cedar Rapids
Manker, G. F.....Bedford	McGrane, Henry P.....Sioux City
Maneely, D. W.....Lamoni	McGregory, Leo R.....Pocahontas
Mann, Anthony.....Hawarden	McGuigan, Vincent A.....Dubuque
Manish, R.....Cedar Rapids	McGuire, John H.....Des Moines
Marech, John A.....Washington	McGuire, James Wm.....Victor
Marioo John W.....Des Moines	McIntosh, Walter S.....Wellman
Markle, Grant E.....Des Moines	McKay, Alex M.....Osceola
Marsh, John W.....Keokuk	McKay, G. C.....Sheldon
Martin, John J.....Des Moines	McKay, N. Bruce.....Forrest City
Martin, Robert L.....Eagle Grove	McKeo, John W.....Davenport
Martin, Wayne C.....Cedar Falls	McKeoz, R. H.....Cedar Rapids
Martin, Wm. P.....Centerville	McKibbin, Geo. P.....Mt. Pleasant
Martin, Wm. W.....Iowa City	McKinn, James L.....New Hampton
Mason, Clarence J.....Manning	McLeod, Earle A.....Central City
Mason, Ward C.....Hopkinton	McLeod, Frank H.....Traer
Masson, Wm. John.....Washington	McLeran, Chas. S.....Audubon
Mather, Will J.....Des Moines	McMaster, Glenn A.....Essex
Mattheson, Geo. A.....Des Moines	McMeans, Van Horne.....Davenport
Mattheson, R. C.....Sioux City	McMiehael, M. D.....Mason City
Mauch, W. O.....Charles City	McParland, J. P.....Dubuque
Maurer, Alvin M.....Le Mars	McNinch, S. Wm.....Marble Rock
Maurice, A. M.....Monticello	McSwigin, J. P.....Victor
Maxwell, Wm. A.....Avoca	McWhirter, Ralph.....Allison
Maytum, B. J.....Pauullina	McWilliams, Harold A.....Farmington
McAllister, Glen J.....Dyersville	Meade, Chester L.....Mason City
McAllister, H. M.....Pella	Meahan, Geo. R.....Osigen
McAvoy, Mark J.....Cedar Rapids	Meier, Glen J.....Clarion
McCall, Stuart W.....Council Bluffs	Meler, Walter Rex.....Orange City
McCallum, Alfred E.....Des Moines	Mels, Herman James.....Sheldon
McCallman, Carl S.....Mapleton	Mels, Leonard F.....Sioux City
McCallness, Chas. R.....Davenport	Mels, W. A.....Dubuque
McCartney, Ernest F.....Sioux City	Mentzer, C. J.....Cedar Falls
McCarthy, C. B.....Story City	Merrick, Ralph E.....Corydon
McClanahan, Glen L.....Spencer	Meshinger, Jno. A.....Dubuque
McClanahan Freeman, Cedar Rapids	Messer, R. E.....Davenport
McClurg, Curtis.....Milton	Meswarb, A. K.....Cedar Falls
McClurg, Frank M.....Keosauqua	Metzelf, Earl S.....Hartley
McClure, E. C.....Milton	Metzelf, Clyde C.....Sioux City
McCluskey, Floyd M.....Glenwood	Meyer, Chas. E.....LeClaire
McConaughy, Edmond M.....Washington	Middleton, W. V.....Des Moines
McConaughy, R. O.....Denison	Miehe, Oscar C.....Arlington
McConard, A. L.....Randolph	Mikulas, G. W.....Cedar Rapids
McCorkle, H. L.....Algona	Miller, A. L.....Charles City
McCormack, Charles V.....Davenport	Miller, B. A.....Newton

Miller, Carl B.	Des Moines
Miller, F. E.	Cedar Rapids
Miller, G. C.	Guttenberg
Miller, Geo. R.	Des Moines
Miller, Glen W.	Marshalltown
Miller, H. E.	Sioux City
Miller, Julius John	Denison
Miller, Merril J.	Ossian
Miller, Ray G.	Des Moines
Miller, Robert E.	Sioux City
Miller, R. M.	Sioux City
Miller, Robert W.	Sioux City
Mills, Max M.	Marshalltown
Mills, Roy Truman	Grinnell
Minges, Herman	Dubuque
Minor, Joseph Leroy	Pt. Dodge
Mitchell, Geo. Herbert	Davenport
Mitchell, Samuel T.	Hamburg
Mitten, J. C.	Pella
Moak, Alvin F.	Dubuque
Moham, Jos. C.	Sioux City
Molsberry, Frank H.	Lytton
Molsberry, Frank R.	Sac City
Molsberry, Wm. I.	Sac City
Molished, Lewis E.	Vail
Molt, Theodore F.	Clinton
Molyneux, Leon Francis	Hawkeye
Moravec, Francis H.	Des Moines
Moravec, Edward L.	Cedar Rapids
Moravec, Wm. F.	Davenport
Moore, Harry O.	Leon
Moore, Holland B.	Wapello
Moore, Rollo H.	Iowa City
Morris, R. D.	Red Oak
Morrison, Jefferson C.	Garnet
Morrissey, David L.	Cedar Rapids
Morrow, Burton A.	Sioux City
Morrow, H. C.	Des Moines
Morrow, L. M.	Stanton
Morse, Robert L.	Elkader
Morton, Alexander	Laurens
Morton, C. E.	Kiron
Motts, Chas.	Des Moines
Moulton, Winfred	Aurelia
Mudgett, D. E.	Mason City
Mueller, Adam J.	Waterloo
Mull, Wm. W.	Norway
Mullean, L. A.	Indianola
Munger, F. E.	Bayard
Murphy, J. Milner	Sumner
Mueller, Henry C.	Marshalltown
Munger, Milo W.	West Branch
Murphy, Ira Earl	Monroe
Murphy, Joseph C.	Waterloo
Murray, Chas. A.	Davenport
Murray, H. H.	Lakota
Murray, John B.	Dubuque
Murrell, Everett	Pt. Madison
Myers, Fred	Lohrville
Nalgenaker, Ole Boe	Decorah
Nalbert, W. F.	Cedar Rapids
Naumann, Philip C.	Burlington
Noely, Walter L.	Des Moines
Neil, F. A.	Muscataine
Nelson, Frank W.	Sheldahl
Nelson, Hart F.	Newell
Nelson, Minnie M.	Newell
Nemmers, Julian G.	Dubuque
Neolar, Wm. M.	Dubuque
Nettleton, Thomas A.	Mason City
Neuman, Wellington W.	Des Moines
Nevins, Chas. Lester	Le Mars
Nevius, Carl W.	Neola
Newman, Dwight W.	Edgewood
Newton, Bert W.	Sac City
Nichols, Cleo	Baxter
Nichols, Glenn G.	Maquoketa
Nichols, Harold J.	Des Moines
Nickson, Harry E.	Humboldt
Nias, Geo. N.	LaPorte
Noland, Ray W.	Des Moines
Norman, Robert C.	Guthrie Center
Norris, Harry R.	Eagle Grove
Noris, Luke Leo	Pomeroy
Noft, R. G.	Slater
Nourse, Harry F.	Mapleton
Nugent, Lee C.	Algona
Nye, Albert L.	Des Moines
Nye, John A.	Ida Grove
Nye, Wm. E.	Onawa
Ockerman, Clara L.	Sioux City
Ockerman, Wm. Henry	Sioux City
Oberman, B. E.	Des Moines
O'Brien, M. L.	Osceola
O'Dell, H. R.	Waterloo
Olson, Orville H.	Webster City
O'Grady, J. E.	Mason City
O'Keefe, Emmett, M.	Des Moines
O'Laughlin, Leo	Winfield
Oldaker, Leroy J.	Exira
O'Malley, Martin	Des Moines
O'Neill, William	Anthony
Oppice, Harold W.	Marshalltown
Orr, Kinley T.	Ferrist City
Osborn, Richard L.	Harlan
Osher, B. T.	Estherville
Ostrem, C. T.	Ankeny
Ostrem, Geo.	Nevada
Ott, LeRoy Theo.	Albia
Overfield, M. S.	Harlan
Ozanne, Harold Henry	Des Moines
Paekard, J. E.	Sioux City
Palithorp, Arthur W.	Cedar Rapids

Palmer, Chas. M.	Charles City
Palmer, Vernon G.	Riceville
Palmer, Webber T.	Keota
Pangburn, Samuel A.	Northwood
Pape, Herman	Davenport
Parish, Jesse	Cedar Falls
Parish, John Thomas	Cedar Falls
Parish, Thornton W.	Thornton
Parker, Jewett C.	Rockwell City
Parrott, Otis R.	Sibley
Parry, Willard Harold	Chariton
Parsons, L. R.	Bedford
Paschal, K. B.	Bedford
Patterson, Samuel B.	Story City
Paul, Everett W.	Oscola
Paule, Walter H.	Burlington
Pauley, James L.	Mason City
Payne, Chas. B.	Des Moines
Pearce, R. M.	Davenport
Pease, Theron J.	Washington
Peck, Chester K.	Decorah
Peck, Percy Clemmer	Lawler
Peck, Levin S.	Fontanelle
Penn, Wm. A.	Council Bluffs
Perival, Chas. S.	Bonaparte
Perkins, E. R.	Des Moines
Perley, Edgar James	Griswold
Perry, Alden E.	Creston
Perry, P. T.	Lucas
Peters, Leonard A.	Boone
Peterson, A. L.	Sioux City
Peterson, C. J.	Ringsted
Peterson, Carl W.	Fonda
Peterson, C. W.	Shenandoah
Peterson, H. A.	Naukoo
Petry, John	Charles City
Petted, Earl V.	Des Moines
Phelps, Harrison B.	Harlan
Phelan, John B.	Harlan
Phibbrook, B. F.	Sioux City
Phillip, Edward A.	Maquoketa
Phillips, Orren F.	Villisca
Piercy, Harvey J.	Iowa City
Pileher, Harold Edmund	Davenport
Pinneo, Harry B.	Fort Dodge
Pinwell, Fred G.	Des Moines
Pittman, Harry A.	Cherokee
Plank, Frank T.	Independence
Ploog, A. J.	Lincoln
Plotts, Harold D.	Des Moines
Poole, Edward J.	Guttenberg
Pomeroy, L. M.	Council Bluffs
Pool, Hardy F.	Mason City
Porter, Chas. Franklin	Clinton
Porter, James T.	Mason City
Porterfield, Wm. R.	Oscola
Poston, Leon L.	Council Bluffs
Powell, Edwin F.	Winterset
Powers, Cambell M.	Dubuque
Powers, J. L.	Pocahontas
Probasco, R. L.	Ackley
Puckett, Bert C.	Jefferson
Qually, Peter Walter	Bode
Raetz, Edward Walter	Earlville
Ralston, G. A.	Ottumwa
Ralston, James Thomas	Atlantic
Ralston, Francis N.	Des Moines
Ralston, Samuel C.	Carson
Ralock, Cyrus Stanton	Davenport
Rasmussen, R. O.	Ackley
Rath, Robert C.	Ackley
Rawhouser, Chas. D.	New London
Raymond, Thos. C.	Storm Lake
Read, Chas. H.	Des Moines
Rector, Chas. E.	Spirit Lake
Reed, Arthur N.	Eldora
Reed, Glenn F.	Council Bluffs
Reed, Wm. A.	Marengo
Reed, Wm. M.	Centerville
Redding, Albert J.	Grundy Center
Redman, Benj. F.	Oskaloosa
Reichel, Walter Leroy	Dunlap
Reid, Geo. D.	Mt. Vernon
Reid, Leslie	Mapleton
Reidy, M. J.	Graettington
Reinke, D. J.	Spirit Lake
Reinking, Max E.	Sioux City
Reiser, R. W.	Spencer
Reiser, W. F.	Pt. Dodge
Reinhart, Carroll W.	Waterloo
Reynolds, Ted W.	Murray
Rice, Dow A.	Hampton
Rice, James K.	Cherokee
Rice, Samuel K.	Northwood
Rice, Thomas L.	Ames
Rice, W. J.	Oskaloosa
Richards, Walter H.	Danbury
Richardson, F. G.	Mason City
Richardson, Paul W.	Iowa City
Richey, Earl L.	Iowa City
Riegel, Harry J.	Sioux City
Ringnell, Ernest B.	Eagle Grove
Rinker, John L.	Sioux City
Ringnell, Ernest B.	Center Point
Riordan, Robt. E.	Holstein
Rist, Alfred L.	Algona
Ritennour, G. H.	Webster City
Rittler, Elmer Geo.	Wayland
Riversburg, Leon D.	Creston
Rivers, Everett C.	Mason City
Riser, G. E.	Burlington
Robb, G. L.	Algona
Robertson, Carl B.	Des Moines
Robertson, Clarence W.	Waterloo

Robertson, Robert Craig.....Alden
 Robinson, Frederick W.....Sioux City
 Robinson, Joseph C.....Denison
 Robinson, Manford A.....Maquoketa
 Robinson, Wm. Jos.....Des Moines
 Roe, Glauat, Ida M.....Burlington
 Roe, F. A. Burlington.....Burlington
 Roe, L. E.....Council Bluffs
 Rogers, Ernst Albert.....Iowa City
 Rogers, Frederick H.....Cumberland
 Rogers, Glenn J.....Sioux City
 Rogers, R. W.....St. Ansgar
 Rogers, Stanley H.....Sioux City
 Rollins, Earl L.....Des Moines
 Rollins, G. H.....Fredericksburg
 Roosevelt, Theo. T.....Clarion
 Rosche, H. W.....Clinton
 Rosheim, Elling L.....Roland
 Rosheim, Knut L.....Lake Mills
 Rosier, G. Lewis.....Independence
 Roth, Jay Arthur.....Rock Rapids
 Rotton, Jay A.....Clarinda
 Rotton, Wm. J.....Iowa City
 Roush, Clyde Melvin.....Des Moines
 Rowe, Kenneth W.....Leon
 Rowell, James W.....Creighton
 Rowland, Chas. W.....Belle Plaine
 Rueppel, Edward W.....Toledo
 Ruge, W. A.....Churdan
 Rugh, F. W.....Cedar Rapids
 Rule, J. S.....Hampton
 Russell, Harry J.....Des Moines
 Russell, R. Dale.....Clarinda
 Ruwe, George H.....Sutherland
 Ryan, Emmet J.....Dubuque
 Rychnovsky, J. L.....Benton

Saha, E. A.....Iowa City
 Sandell, Carl L.....Des Moines
 Sangston, Clarence F.....Alta
 Sanner, Chas. G.....Farley
 Savage, Robt. E.....Panora
 Sayre, Loren Dana.....Boone
 Schafer, Gerald H.....Manly
 Schadel, Frank S.....Red Oak
 Schenek, Walter L.....Iowa City
 Schalmpp, John Waldo.....Eldora
 Schlanbusch, Orville E.....Iowa City
 Schmidt, Alfred L.....Davenport
 Schmitz, Emery J.....Brooklyn
 Schmeberger, J. P.....Ossian
 Schneck, P. W.....Sioux Rapids
 Schneider, Geo. M.....Des Moines
 Schoen, Joseph E.....Blairtown
 Schoenthaler, Arnold.....North English
 Scholten, John.....Cedar Rapids
 Schott, John Lawrence.....Sioux City

Schrader, Elmer A.....Independence
 Schreiber, Cecil C.....Des Moines
 Schrup, Karl L.....Dubuque
 Schuck, Frank P.....Des Moines
 Schultz, A. F.....Webster City
 Schwartz, H. W.....Burlington
 Scott, Albert E.....Albia
 Scott, C. D.....Leon
 Scott, Jesse E.....Seymour
 Scott, Leslie C.....Kimetsburg
 Scott, Wm. D.....Schleswig
 Scott, Will L.....Volga
 Seovel, Robert Morris.....Pt. Madison
 Seroggs, Richard E.....Indianola
 Seabert, Chas. P.....Tama
 Sears, Ralph Augustus.....Des Moines
 Seholt, Wm. A.....Davenport
 Seeley, S. L.....Waverly
 Sexton, J. O.....Washington
 Seydel, Samuel J. K.....Des Moines
 Shane, Charles N.....Waterloo
 Sharpe, Harry Lee.....Maquoketa
 Sharp, Joseph.....Kingsley
 Sharp, Wm. A.....Des Moines
 Shaw, Frank W.....Des Moines
 Shelby, John A.....Cascade
 Sheldy, James E.....Milford
 Sheridan, Phillip Henry.....Dubuque
 Sherman, Geo. L.....Carroll
 Sherman, S. L.....Carroll
 Shipman, F. L.....Lamson
 Shortell, Louis W.....Dubuque
 Shrader, Chas. C.....Rockwell City
 Shrader, Harry C.....Gilmore City
 Shreve, Paul H.....Pt. Madison
 Shriver, Presley William.....Davenport
 Shunway, H. G.....Charter Oak
 Shurtleff, C. H.....Des Moines
 Shurtleff, L. L.....Charter Oak
 Siefkin, Chas. W.....Boffe
 Skien, J. S.....Pt. Dodge
 Silvernail, Phillip D.....Corydon
 Sinn, Jens J.....Manning
 Sinotte, Ralph G.....Keokuk
 Spie, Roy Clark.....Cherokee
 Sitzer, Chas.....Shenandoah
 Skidmore, W. G.....Mason City
 Skuttie, L. M.....Osage
 Slichter, Sherman U.....West Point
 Smead, H. H.....Davenport
 Smith, Chas. W.....Davenport
 Smith, Donald E.....Sioux City
 Smith, Earl B.....George
 Smith, Elmer Kaye.....Des Moines
 Smith, Earle S.....Iowa City
 Smith, Edward Wellington.....Burlington

Smith, Hazel Edna.....Oelwein
 Smith, J. M.....Ottumwa
 Smith, J. M.....Fonda
 Smith, Louis R.....Whittemore
 Smith, Lester M.....Schaller
 Smith, Mark C.....Waterloo
 Smith, O. P.....Dubuque
 Smith, Roy B.....Villisca
 Smith, Roy Marshall.....Iowa Falls
 Smith, Ray V.....Iowa City
 Sniepek, Leonard Louis.....Dyersville
 Snuggins, L. W.....Des Moines
 Snyder, Elmer S.....Burlington
 Snyder, Geo. J.....Ames
 Snyder, Harry W.....Whiting
 Snyder, Harry Witt.....Des Moines
 Sobolik, C. F.....Calmar
 Sohl, Orrin L.....Keokuk
 Solvberg, Arthur.....Sioux City
 Sommers, E. J.....Des Moines
 Sommers, Roy S.....Des Moines
 Soper, D. H.....Ames
 Sorenson, Otto Jerome.....Iowa City
 Soukup, Jos. Edward.....Cedar Rapids
 Sowers, James H.....Buffalo Center
 Spain, Francis J.....Kingsley
 Specht, R. W.....Garner
 Spieker, Mark L.....Chariton
 Spieker, Bertrand Franklin.....Red Oak
 Spieker, Geo. Porter.....Cedar Rapids
 Spooner, Harry A.....Oskaloosa
 Spressard, E. W.....Ainsworth
 Stafford, H. H.....Keokuk
 Stager, Walter B.....Greene
 Stainbrook, C. L.....Waterloo
 Stanton, E. M.....Chariton
 Stanton, J. C.....Cedar Rapids
 Stauffer, C. H.....Des Moines
 Staves, Fred D.....Des Moines
 Stealy, Elza R.....Shenandoah
 Steiner, Dewey N.....Pella
 Steichen, H. B.....Dubuque
 Steinbach, John D.....Elma
 Stempel, Herman F.....Pt. Madison
 Steninger, K. E.....Williamsburg
 Stephens, Chas. M.....Davenport
 Sterling, Arthur E.....Newton
 Steinerwald, Chas. A.....St. Ansgar
 Stevens, H. H.....Burlington
 Stevenson, H. B.....Ottumwa
 Spence, W. E.....Iowa City
 Staves, Howard.....Cedar Rapids
 Stever, M. F.....Creston
 Stewart, C. Herman.....Farragut
 Stiles, Leslie E.....Elliot
 Stillman, Arthur T.....Waukon
 Stinehart, J. E.....Mason City

Stocks, Walter L.....Nashua
 Stoddard, Freeman L.....Sioux City
 Stoffel, E. N.....Wyoming
 Stoffel, Clarence Edward.....Lowden
 Stonebrook, H. W.....Eldora
 Stookberry, John H.....Iowa Falls
 Storey, Wm. Marshall.....Storm Lake
 Strano, C. A.....Cedar Rapids
 Strano, Wm. J.....Eagle Grove
 Stribley, Lyle E.....Merrill
 Stringfellow, R. H.....Pleasantville
 Struck, H. C.....Kanawha
 Stryker, A. C.....Clinton
 Sugg, Rush.....Clinton
 Suthers, W. A.....Chariton
 Sutphin, Elmer E.....Davenport
 Sutton, Harry R.....Chariton
 Swain, Ada.....Marengo
 Swain, Stephen R.....Marengo
 Swan, Chas. J.....Clearfield
 Swank, E. R.....Mt. Airy
 Swanson, John R.....Des Moines
 Swartzendruber, J. R.....Kalona
 Sweeney, R. J.....Dubuque
 Syverud, A. L.....Davenport

Taber, Rodman E.....Marshalltown
 Tanner, Alfred J.....Cherokee
 Taylor, Charles A.....Cedar Rapids
 Taylor, Chas. Gordo.....Sioux City
 Taylor, E. A.....Graywood
 Taylor, Edwin R.....Nashua
 Taylor, Fred F.....Osage
 Teasdale, Delbert L.....Wilton Jet
 Teegan, W. G.....Davenport
 Teeter, M. Henry.....Monticello
 Teter, J. H.....Oskaloosa
 Temple, Raymond Dayton.....Burt
 Templeton, L. A.....Creston
 Thelle, Alvin Allen.....Emmetsburg
 Thill, Henry R.....Dubuque
 Thode, Guy E.....Burlington
 Thoen, E.....Iowa City
 Thomas, C. G.....Des Moines
 Thomas, Wm. John.....Lorimer
 Thompson, Arthur B.....Des Moines
 Thompson, James L.....Centerville
 Thompson, Paul L.....Forest City
 Thornley, Frederic R.....Clarion
 Thornton, Frank E. Valley Junction
 Tilden, Julius F.....Charles City
 Tinker, Francis E.....Spillville
 Todd, W. F.....McGregor
 Toibny, J. A.....Mason City
 Tomy, John L.....Oskaloosa
 Topf, R. F.....Pottsville
 Toys, W. R.....Decorah
 Topping, Donald L.....Clinton

Towne, Frank A. Perry
 Tubbs, Winifred E. Des Moines
 Tufts, Gerald Freeman. Ottumwa
 Tuomey, T. W. Muscatine
 Turner, C. John Denison
 Vana Edward Montour
 Vanden B. Walter. Orange City
 Vane, L. F. Cedar Rapids
 Van Voltinburg, R. L. Marengo
 Van Zele, Verlie Davenport
 Veach, Chas. Lee Bellevue
 Voegel, H. O. Alton
 Voiland, R. Henry Iowa City
 Von Berg, G. W. Charles City
 Von Berg, J. P. Charles City
 Von Berg, Leonard E. Charles City
 Voreck, John S. Davenport
 Voreck, W. E. Charles City
 Vorwald, T. F. Dubuque
 Voss, John Iowa City
 Vredenburg, Chas. E. Des Moines
 Wagner, Chas. C. Daws
 Walter, J. A. McGregor
 Walter, John Frederick, McGregor
 Walser, John Marshalltown
 Wandel, Geo. Herman, Mt. Vernon
 Ward, Alvin D. Garwin
 Ward, Gruffy G. Oelwein
 Ward, Jesse Iowa City
 Ward, Wm. Carl. Garden Grove
 Warden, Lloyd E. Corydon
 Wareham, H. B. Ottumwa
 Warner, Fay L. Davenport
 Warner, M. W. Parkersburg
 Warren, Forrest Eli Loville
 Wasson, A. S. Sioux City
 Watson, L. F. Lake Park
 Waterhouse, J. E. Sioux City
 Waterman, Glen B. Conrad
 Waters, F. H. Ames
 Watros, Roy A. Davenport
 Watts, Clarence Des Moines
 Webb, John E. McGregor
 Weber, Franklin P. Cherokee
 Weber, B. A. Des Moines
 Weber, Irving J. Council Bluffs
 Weeks, Lester Dale Indianola
 Weeks, U. W. Hampton
 Weikert, W. H. Ft. Dodge
 Weir, Chas. R. Cedar Rapids
 Weiker, David R. Marshalltown
 Welle, C. B. Sully
 Wells, Claude C. Springfield
 Wells, Frank M. Mechanicsville
 Wells, J. D. Iowa City
 Welsh, James D. New Hampton

Weidenba h, Ernest F. New Sharon
 Wenig, Benj. New Hampton
 West, Emery O. Des Moines
 West, H. S. Council Bluffs
 Westwood, C. E. Sioux City
 Weyman, Wm. A. Armstrong
 Wheat, Roy H. Marquette
 Wheeler, Tracy Gale. Des Moines
 Whelpley, C. B. Cedar Rapids
 Whinery, F. B. Iowa City
 Whinery, V. E. Sioux City
 Whisler, Geo. Raymond. Coon Rapids
 White, Elroy Ottumwa
 White, Earl Lee Odebolt
 White, Egbert S. Shenandoah
 White, Hugh Carl Redfield
 White, Harry F. Sioux City
 White, H. S. M. Sioux City
 Whitehill, Clarence W. Sioux City
 Whitehill, Geo. W. Ft. Dodge
 Whiteside, Merle Edmund. Galva
 Whitney, Otis G. Denison
 Whitney, W. G. Independence
 Wick, James H. Iowa City
 Wickham, Geo. C. Perry
 Wiess, Chas. Arthur. Lake City
 Wiess, Jesse C. Bancroft
 Wigdahl, A. E. Ruthven
 Willer, Wesley D. Cedar Falls
 Wilhelm, Samuel Edward. Sac City
 Wilkinson, Geo. R. Anamosa
 Will Roy T. Red Oak
 Williams, Edward E. Davenport
 Williams, Harry K. Atlantic
 Williams, John Dyke. Sioux City
 Williams, Kenneth F. Des Moines
 Williams, P. T. Anita
 Williams, Ray O. Council Bluffs
 Williams, Thomas Earl. Nevada
 Willis, Lanford R. Des Moines
 Williamson, Oliver L. Ames
 Willits, H. M. Dubuque
 Wilson, Charles Wm. Waterloo
 Wilson, Geo. Washington. Delmar
 Wilson, H. I. Mystic
 Wilson, H. R. Dyars
 Wilson, James M. Greene
 Wilson, L. C. Ames
 Wilson, Max U. Waterloo
 Wilson, Ralph Ellis. Williams
 Wilson, R. J. Oelwein
 Wilson, William D. Lamont
 Wirsig, Albert E. L. Moville
 Withers, W. H. Sioux City
 Witmer, E. Arthur. Adel
 Wittig, Davis A. Iowa City
 Wold, E. N. Ft. Dodge

Wold, Henry David. Webster City
 Wolfe, Maurice Vincent. Davenport
 Wonder, Harold D. Marshalltown
 Wood, C. E. B. Extra
 Woodard, C. M. Humboldt
 Woodard, D. E. Red Oak
 Woodard, Edwin M. Red Oak
 Woodbury, Chas. E. Council Bluffs
 Woodruff, L. G. Columbus Junction
 Wotten, Geo. H. Akron
 Work, C. M. Ottumwa
 Wormhoudt, G. H. O. Pella
 Worth, Earl Edward. Sioux City
 Wray, James Wm. Eddyville
 Wright, Darrel R. Woodard
 Wright, H. S. West Union
 Wright, James E. Ames
 Wyant, Arthur C. Hawarden
 Wurster, Geo. F. Clinton
 Wyekoff, C. D. College Springs
 Yast, R. V. Burlington
 Yenter, Norwood R. Des Moines
 Young, J. L. Muscatine
 Zellihofer, Chester Carl. Fairbank
 Ziegler, Winfield S. Clinton
 Zeithammel, Edward W.
 Zeran, Lewis H. Cedar Rapids
 Zeran, Lewis H. Rockford