

Kansas State Teachers College of Emporia
Bulletin of Information

AN ANNOTATED BIBLIOGRAPHY OF THESES ACCEPTED
FOR THE MASTER OF SCIENCE DEGREE, KANSAS
STATE TEACHERS COLLEGE OF EMPORIA (1939-1944)

JOHN BREUKELMAN, (Editor)

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EDITOR'S INTRODUCTION

This is, in a special sense, an introduction. For the first time since its establishment in 1929, *Studies in Education* appears under a new editorship. It is hoped that the publication may be maintained at the high level it has enjoyed in the past. No changes in form or policy are contemplated. The incoming editor takes this opportunity to commend on behalf of the Graduate Council and *Studies in Education*, the constructive work of the former editor, Edwin J. Brown, in presenting to a varied and complicated educational world, from the rural schools of Kansas to the universities of the nation, subjects of timely appeal. Doctor Brown's present address is: Dean, University College, St. Louis University, St. Louis, 3, Missouri.

Five years have elapsed since the publication of *An Annotated Bibliography of Dissertations Accepted for the Master of Science Degree, Kansas State Teachers College of Emporia (1929-1939)* by Brown, Schrammel, and Niles. During these five years, 105 more theses have been accepted. As stated by Schrammel in the introduction to the 1939 bibliography: "Many of the studies completed by the graduate students have been of a high quality; some have been outstanding contributions; all present some interesting and valuable findings.

"In order that those interested in studies of this type may more readily determine the subjects on which studies have been made, this publication has been prepared. . . .

"Bound copies of all of these theses are on file in the Kellogg Library of the Kansas State Teachers College. A number of them have been published as 'Studies in Education' and distributed to a large number of persons on the permanent mailing list.

"It is hoped that this issue of 'Studies in Education' will prove valuable to a large number of research workers, students, educators, and others interested in compiling bibliographies and in making studies of similar types."

The abstracts presented in this bulletin are listed alphabetically, by authors, for each department. Because of the fact that Psychology courses are often counted toward majors in Education and Psychology, theses in these two departments have been listed together. The abstracts were prepared by V. A. Davis, Ray C. Maul, Minnie M. Miller, O. J. Peterson, H. M. Priest, M. W. Roper, H. E. Schrammel and the editor.

A complete list of *Studies in Education* appears on page 31. It will be noted that several of these are now out of print; those still available may be obtained from the Dean of the Graduate School, Kansas State Teachers College, Emporia, Kansas.

JOHN BREUKELMAN, *Editor*.

Bibliography of Theses Accepted for the Master of Science Degree

DEPARTMENT OF COMMERCE

Endly, Merle. *A Follow-up Study of All Graduates of the Kansas State Teachers College of Emporia with the B. S. Degree in Commerce.* 1942. 44 pp. (Pickett.)*

Study, based on questionnaires answered by 300 graduates of the Kansas State Teachers College with degree B.S. in Commerce, includes data on scholastic preparation, marital status, present location, occupation, income, and graduate work.

Gould, Ernest B. *An Analysis of the Status and Trends of Business Education in Kansas Secondary Schools for 1942-'43.* 1944. 154 pp. (Turille.)

A detailed study, based largely on principals' reports on file in the office of the State Superintendent of Public Instruction, of business courses offered, enrollments, length of periods, grade levels, teacher preparation, experience, tenure, and salaries.

DEPARTMENT OF EDUCATION AND PSYCHOLOGY

Arnold, Stottlar. *A Laboratory Manual in General High School Agriculture.* 1939. 107 pp. (Brown.)

Presents 50 laboratory exercises for a course in general non-vocational agriculture, in four groups as follows: Plant Production, Soils and Fertilizers, Livestock Production, Farm Business. Subject matter taken from textbooks, manuals, farm journals, state and government publications and commercial pamphlet material.

Barker, Clarence Jr., *A Comparative Study of the Social Comprehension of Selected Groups of College Freshmen.* 1941. 31 pp. (Schrammel.)

Analyzes the scores made by a group of Kansas State Teachers College freshmen to determine what relationship exists between one's knowledge of social and cultural rules, and certain selected criteria. Social comprehension was measured by the Furbay-Schrammel Social Comprehension test. The other criteria were: Size of the high school attended, occupation of father, size of family, and decile rank on college entrance tests.

* The name in parentheses is that of the adviser.

Barker, Paul Mitchell. *Suggested Techniques for Pastoral Counseling*. 1942. 94 pp. (Gray.)

An exploration of the interrelation of psychology and religion as they confront a pastoral counselor. Pastoral counseling has been treated largely as an art—here an attempt is made to treat it as a science.

Bishop, Helen. *An Investigation of Home Economics Education in the Junior High School*. 1940. 64 pp. (Schrammel.)

Attempts to determine nature and extent of home economics education in junior high schools with special emphasis upon subject matter and activities taught in Kansas junior high schools. Includes amount and kind of home economics offered in seventh, eighth, and ninth grades; names applied to courses offered in representative junior high schools; present emphasis and trends in junior high home economics; length and number of periods of home economics per week; amount and kind of home economics courses offered for boys; activities and number of home economics clubs; and use of available textbooks for junior high school.

Bradford, David. *An Inquiry into the Influences of the Philosophies of DuBois and Washington upon Modern Educational Thought and Procedure*. 1942. 102 pp. (Lull.)

Historical survey of Negro education, critical study of the two philosophies, present status of vocational education and a classified list of 150 present-day Negro leaders.

Brandley, Gorman D. *Growth and Development of the Natural Science Division of the Kansas State Teachers College of Emporia (A Brief Survey from 1865 to 1940)*. 1941. 76 pp. (Brown.)

Data relating to all branches of science taught, including changes and growth of the different departments. Appendix lists all science teachers, their periods of tenure, and their teaching fields or departments.

Bruning, Herbert. *A Study of Personality Compared with Personal, Family, and Education Factors*. 1942. 30 pp. (Schrammel.)

Attempts to determine what relationship exists between neurotic adjustment of Kansas State Teachers College freshmen as measured by the Thurstone Personality Schedule, and some other factors. Attempts to determine whether the same findings prevail with a second group. The factors with which comparisons were made were intelligence, sex, race, occupation of father, size of high school attended, failure in high school subjects, high school honors, vocational choice, number of semesters of college completed, and college grades.

Butler, Robert E. *A Manual in Guidance for Rural High School Principals*. 1942. 128 pp. (Brown.)

A detailed study, based on personal interviews with the principals of the guidance program as it existed in the following Kansas high schools: Admire, Allen, Americus, Bushong, Dunlap, Hartford, Harveyville, Miller, Neosho Rapids, Reading, Roosevelt (laboratory high school of Kansas State Teachers College).

Carnine, Margaret E. *Trends in Primary Arithmetic from 1920 to 1940 as Indicated by Representative Textbooks, Courses of Study, and Professional Literature.* 1940. 102 pp. (Brown.)

An analysis of (1) arithmetic textbooks for the first three grades of the elementary school, for the periods 1910-1920, 1920-1930, and 1930-1940, (2) courses of study from representative cities and states, and (3) various magazine articles and other publications dealing with primary arithmetic—special emphasis on changes in educational theory and practice. Extensive bibliography, also appendix, including aims and objectives and subject matter lists for each of the three grades.

Cassidy, Noan A. *Education Development in Marion county, Kansas—A Historical Study.* 1941. 82 pp. (Brown.)

A brief history of Marion County, with accounts of early settlements, and a more detailed account of the development of rural, city, consolidated, and parochial schools; secondary schools of various classes; Tabor College. Separate chapters on school problems and elementary school statistics.

Chartier, Thora. *A Study of the Progressive Education Movement in the United States.* 1941. 124 pp. (Brown.)

Presents, from the historical viewpoint, the theories, trends, and issues of the Progressive Education movement in the United States, including a discussion of the opposing viewpoints within the movement. Data from encyclopedias and textbooks, periodicals, and official reports of various educational organizations.

Colvin, Ronald P. *A Proposed Plan of Campus Consolidation for the Ransom, Utica, Arnold, Brownell Rural High Schools in Northern Ness County, Kansas.* 1940. 56 pp. (Dewey.)

Gives historical sketches of the high schools involved, and discusses the legal, economic, architectural and educational problems involved in the proposed plan of consolidation.

Craig, Bernard A. *A Survey of Juvenile Delinquency in Emporia, Kansas—1928 to 1938, Inclusive.* 1942. 70 pp. (Brown.)

An analysis (based on files of the Lyon County Probate Court, information furnished by the probation officer, and personal interviews) of 51 cases of juvenile delinquency which occurred in Emporia during the period 1928-1938 and which were handled through the juvenile court.

Davis, Don E. *An Investigation of the Governmental Agencies of the State of Kansas.* 1943. 160 pp. (Brown.)

A handbook of the administrative officials, boards, commissions, and societies identified with the government of Kansas (85 in all) including for each agency the legal basis, date of creation, authorization, organization, method of financing, duties, and present status. Published: *Studies in Education*, Kan. St.achr. Coll. Bull. of Inf., Vol. 23, No. 11, Nov. 1943.

Davis, Floyd Ebey. *What Becomes of Rural High School Graduates: A Study of the 1931-1935 Graduates of the Six Rural High Schools of Jewell County, Kansas.* 1942. 88 pp. (Schrammel.)

Seeks to answer certain questions in regard to graduates of the six rural high schools of Jewell County, Kansas, for five-year period 1931-1935. Based on data as of summer, 1939. Data concerning graduates are in answer to four questions: What are they doing? Where are they? What further education have they pursued? What is their marital status?

Davis, Glenn M. *A Comparison of the Drawing and Retentive Powers of the Different Types of Kansas High Schools.* 1940. 81 pp. (Schrammel.)

Attempts to determine whether (1) there is a difference between types of schools, such as first-class city, second-class city, third-class city, etc. within each 8-4 group, 6-2-4 group, and 6-3-3 group; in percent of average daily attendance; percent of students entering high school who graduate in the proper number of years; and percent of school census enrolled; (2) there is a difference between schools of different types; (3) there is a difference between schools with and without transportation.

Denny, Leo M. *A High School Building Survey for Atchison, Kansas.* 1941. 98 pp. (Brown.)

A survey of the building needs of the high school and the financial condition of the city, together with certain recommendations for a future building program.

Dittemore, Donald Poe. *The Development of Certain Fundamental Skills in Children of Various Ages.* 1942. 53 pp. (Nagge.)

One hundred eighty children, most of them attending the Kansas State Teachers College Elementary Laboratory School, were tested to determine the rate at which certain fundamental mental operations develop with age, recognition, time telling, color naming, perceptions of quantity, and susceptibility to illusion.

Douglass, Jenny Porter. *A Brief History of the Development of the Curriculum of Emporia High School.* 1942. 100 pp. (Dewey.)

Covers the period from the first mention of a "tuition" high school in 1859 to May, 1940; including early curriculum development, transition and current trends. Subjects or groups of subjects discussed separately as are out-of-class activities.

Dunham, Ralph E. *An Investigation of the Background, Commitment Data, and Recidivism of Inmates of the Kansas State Industrial Reformatory.* 1942. 120 pp. (Roper and Brown.)

A study made at the Hutchinson Reformatory while the author was an officer-teacher there. A statistical analysis of background of selected inmates showing their intelligence, achievement, marital status, parental status, previous record, commitment data, also physical condition of the inmate, main

assignments in the institution, punishment record, and manner of release. Recidivism in reference to I. Q., race, siblings, type of offender, previous record, age on release, time served, first crime committed after release, punishment record, and employment on parole. Summary, conclusions, and recommendations.

Eastman, Dorothy M. *A Comparison of Gains Made on Achievement Tests by Ninth-Grade Pupils of Different Mental Ability Levels.* 1939. 48 pp. (Schrammel.)

Makes comparison of achievement of junior high school pupils of different intelligence levels during a one-year period.

Eberhardt, Ira. *An Analysis of the Teacher-Training Duties of the Elementary Principal in a School Which is Used by a College for Teacher-Training Purposes.* 1941. 86 pp. (Brown.)

A general analysis based on educational literature of the teacher-training college, together with an investigation of the teacher-training activities of the Fort Hays Kansas State College.

Edwards, Ralph Morgan. *The County Superintendent and Rural School Supervision.* 1940. 133 pp. (Brown.)

A detailed report of the author's supervision program during his tenure of office as County Superintendent of Stafford County, Kansas. Published: *Studies in Education*, Kan. St. Tch. Coll. Bull. of Inf., Vol. 20, No. 7, July, 1940.

Eggleston, Glenn O. *A Study of Practices Regarding Pay for Absentee Teachers in the State of Kansas.* 1940. 47 pp. (Schrammel.)

Presents six leading plans used in schools of first-, second-, and third-class cities in Kansas. Makes recommendations for a suitable sick-leave plan in first-, second-, and third-class cities.

Fankhauser, George W. *A Comparative Study of the Rural and Town Students of Anderson County in Their First Year of High School.* 1941. 37 pp. (Schrammel.)

Compares rural school and graded school pupils in their first year of high school. Previous preparation is given consideration, as well as progress during the first year of high school.

Friesen, Edwin J. *A Handbook of Supervision for a Teaching Elementary School Principal.* 1943. 118 pp. (Brown.)

A discussion of administrative practices, classroom organization practices, community relations and the supervisory program as applied to elementary schools in which the principal spends fifty percent or more of his time teaching, with specific suggestions and recommendations for the improvement of supervision.

Geyer, Don F. *A Study of the Administrative and Supervisory Duties of the Teaching Principal in the Small Elementary School.* 1941. 66 pp. (Brown.)

A detailed analysis, based on personal interviews, of the administrative and supervisory duties of a group of 46 principals of small elementary schools, most of them with less than eight teachers. All of the principals interviewed taught some classes; 80 percent of them were teaching full time. Published: *Studies in Education*, Kan. St. Tchr. Coll. Bull. of Inf., Vol. 22, No. 7, July, 1942. Supply exhausted.

Gordon, Clarence A. *Consumer Education in Advertising.* 1940. 67 pp. (Lull.)

A study of the media of modern advertising, the psychological appeals used in the various types of advertising, language interpretation, fraudulent, misleading, irrelevant and genuinely informational advertising, agencies for the protection of the consumer, conclusions, and bibliography.

Gossage, Alene. *A Study of the Status of Public Kindergartens in Kansas in the School Year of 1939-1940.* 1940. 65 pp. (Brown.)

Presents data concerning kindergartens in Kansas; location, enrollment, costs, teachers, relations with nursery school, age requirements, housing equipment, and the like. Recommends that Kansas should require official reports of all kindergartens, these to be available at the office of the State Superintendent of Public Instruction.

Grinnell, Harold C. *Descriptions of the Common Mussels of Kansas.* 1942. 137 pp. (Breukelman and Brown.)

Provides means of identification of 30 common species of mussels (clams) of Kansas including a description and photograph of each species, together with a map of distribution records within the state.

Haring, E. L. *The History of District Seven, Butler County, Kansas.* 1941. 157 pp. (Brown.)

An historical survey of District Seven, Butler County, including early settlement, its first school, organization of the district, its financial history, the teachers, the school boards, the pupils, social events, the building (built in 1880) and its equipment, and suggestions for the future.

Harris, Wylie Vernon. *A Suggested Guidance Program for an Elementary School.* 1941. 78 pp. (Maul.)

A consideration of the basic factors underlying the development of a guidance program for the average elementary school of Kansas. Specific factors emphasized are the physical health program, mental health, training for democratic citizenship, and the physical education program. The problem is approached by the author in a realistic manner based on actual experience as an elementary school principal.

Harrison, Beverly D. *An Educational and Mental Survey of Cleveland School, Coffeyville, Kansas (Colored)*. 1940. 47 pp. (Schrammel.)

An historical, educational, and mental survey of Cleveland Elementary school, Coffeyville, Kansas. Gives mental and achievement rating of pupils and suggests remedial instruction which would aid teachers and pupils.

Haworth, Ruth V. *The Status of Negro Parochial Education in the United States*. 1943. 89 pp. (Brown.)

A study of various phases, enrollment, and teacher preparation of parochial elementary and high schools maintained by the following denominations: Catholic, Congregational, Episcopal, Lutheran, Presbyterian, Seventh-Day Adventists.

Hiebert, Noble. *A Course in Safety for the Elementary Curriculum Based on a Partial Survey of Safety Education Practices in the United States*. 1942. 75 pp. (Lull.)

History of the safety movement, state relations and attitudes in relation to safety education, safety practices in representative cities, safety education objectives, a course of study for safety education from kindergarten to grade six, summary and bibliography.

Hopper, Chalmer J. *A Survey of Emporia Youth (Personal Interviews)*. 1941. 157 pp. (Arnett and Brown.)

Presents data, based on interviews with 307 young people of Emporia, between the ages of 18 and 25, on school, home life, employment, health, recreation, church affiliation, and attitudes and opinions. Includes 24 interviews with Negroes and 17 with Mexicans. The entire group represents a 22% sample of the youth population of Emporia.

Howland, Paul L. *An Annotated Bibliography of Popular Sociological Literature*. 1943. 37 pp. (Brown and Roper.)

An analysis and classification of 84 books of popular literature, chiefly novels. The purpose is to select books which are entertaining and at the same time illustrate some of the fundamental principles of sociology. Various books are classified under six headings: Culture, social institutions, social change, human nature, collective behavior, communities. The indexes contain books suitable for high school use as well as for adults. The two indexes are organized in reference to author as well as title.

Joerg, Adrienne, and Shroyer, Lana A. *A Survey of the Certification, Preparation, Experience, Salary, and Employment Status of Elementary and High School Teachers in Kansas for the Year 1939-1940*. 1940. 154 pp. (Brown and Maul.)

The joint authors present comprehensive data concerning the certification, preparation, and employment status of both elementary and high school teachers in Kansas during the year 1939-1940. The data supply excellent bases for comparison of conditions in Kansas with those of other states. Diversity of practice among the counties and different school organ-

izations within the state is revealed. Constructive suggestions for systematic approach to the solution of the state problem are presented. Published: *Studies in Education*, Kan. St. Tchr. Coll. Bull. of Inf., Vol. 20, No. 9, Sept., 1940.

Jones, Harold E. *A History of Haven Rural High School, District No. 9, Reno County, Kansas*. 1943. 148 pp. (Brown.)

Presents data concerning the growth of Haven Rural High School, including organization, buildings and equipment, administration and finance, curriculum, pupils, teachers, and out-of-class activities.

Kerr, Edwin Orville. *A Study of the Effect of Automatic Lighting on Pupil Achievement*. 1940. 36 pp. (Schrammel.)

Attempts to determine, first, what may be called adequate school lighting; second, whether any definite or tangible relationship exists between adequate school lighting by the standards used in this experiment and pupil achievement; and third, the true role of lighting in the educational process. Attempts also to find whether improved lighting conditions might tend to improve daily attendance, and the general school attitude of the pupils involved.

Kirkpatrick, E. L. *A Standardized Test in Chemistry*. 1941. 65 pp. (Schrammel.)

Provides a serviceable and up-to-date standardized test for high school chemistry. A number of textbooks were thoroughly analyzed in regard to the subject matter content. Test items were constructed and tried out; finally the preliminary tests were tried out before given a final place in the test. It consists of two divisions, *I* for the first semester, *II* for the second semester or the entire year. Two forms of each division are available. Published: *Bureau of Educational Measurements*, Kan. St. Tchr. Coll., 1941.

Klotz, Virgil R. *A Critical Analysis of the Organization and Function of the Kansas Private Business Schools, 1941*. 1942. 45 pp. (Brown.)

A survey of twenty-five Kansas private business schools, including historical notes, administration, sources of income, scholarships, enrollment, courses of study, faculty and personnel, extra-curricular activities, property and equipment.

Kolzow, Virden J. *An Outline History and Source Book of McPherson College*. 1940. 210 pp. (Brown.)

Part I: An outline of the growth of the college from its establishment by the Church of the Brethren in 1887 to 1940. Part II: A source book of 306 supplemental readings cited in Part I.

Krehbiel, Lawrence C. *An Analytical Survey of Selected Municipal and Privately Owned Swimming Pools in Kansas*. 1940. 131 pp. (Brown.)

Discusses movement and trends in regard to health standards, equipment, design, operation, regulations and the like, and surveys 24 pools in first-class cities, 10 in second-class cities, and 5 in third-class cities.

Leatherman, Flora. *An Evaluation of the Effectiveness of the Pre-Primary Classification Plan in Use in the Tulsa Public Schools.* 1941. 75 pp. (Schrammel.)

Attempts to determine the effectiveness of the pre-primary classification in curriculum for the immature first-year entrants to the primary grades of the elementary school as administered in the Tulsa Public School System.

Lessig, E. Paul. *Facts and Conditions Involved in the Teaching of Biology in Kansas High Schools.* 1942. 91 pp. (Breukelman and Brown.)

A detailed survey of the status of high-school biology teaching in Kansas, based largely on questionnaire returns from two hundred biology teachers. Includes 39 tables of data on preparation and growth of teachers, teaching methods, and conditions, textbooks, laboratories, field trips, equipment, and library facilities. Data classified according to both type of school and size of school.

Lewis, Robert W. *A Historical Outline of the State Superintendency in the State of Kansas.* 1940. 189 pp. (Brown.)

Traces the evolution of the office of state superintendent, deals with all territorial and state superintendents from J. H. Noteware, who was commissioned in 1858 to W. T. Markham (1932-1938), including a brief biography of each superintendent as the introduction to the discussion of his administration.

Lumb, Mark Robert. *A Handbook for Elementary School Principals.* 1943. 122 pp. (Brown.)

A bird's-eye view of the main responsibilities of the elementary school principal, involving such matters as: Conferences, records, teacher relationships, classroom procedure, health activities, playgrounds, visual education, testing, the custodian, professional organizations, self-rating scales.

McDaniel, Paul T. *An Investigation of the Economic Status of the Dickinson County Teachers Located in One-Teacher Rural Schools 1940 and 1941.* 1941. 58 pp. (Brown.)

Presentation and discussion of data received from 60 of the 85 one-room rural school teachers of the county, including certification, preparation and experience of teachers, salaries, savings, property and indebtedness, attitudes of teachers toward the profession. Mean salary for this group in 1940-1941 was \$522.32, with only one salary above \$800, and 23 salaries below \$500.

Mann, Gordon C. *An Outline History and Source Book of The Kansas Wesleyan University.* 1940. Part I, 66 pp. Part II, 114 pp. (Brown.)

Part I: An outline of the growth of the institution from its establishment by the Methodist Episcopal Church in 1885 (date of charter from the state) to 1940. Part II: A source book of 177 supplemental readings cited in Part I.

Meeker, Frohman. *Defense, War, and Post-War Programs and the Schools as Indicated by a Study of Several Current Magazines*. 1943. 77 pp. (Brown.)

Study of the relation of schools to the defense program, the war program and the postwar program, as revealed by articles appearing in the following periodicals between May, 1937, and May, 1942: *Harpers*; *Saturday Evening Post*; *School Review*; *School and Society*; *Journal of the National Education Association*; *Education*; *Elementary School Journal*; *Kansas Teacher*; *American School Board Journal*; *School Life (Education for Victory)*; *Educational Administration and Supervision*; *Colliers*.

Mentzer, Loren W. *Wildlife Conservation (Information Concerning and Helps for Teaching)*. 1941. 131 pp. (Breukelman.)

Traces the natural history, background, present conditions, discusses the general principles of wildlife management, describes the production and management activities of the Kansas Forestry, Fish, and Game Commission and makes suggestions for teaching wildlife conservation in Kansas schools. Published: *Studies in Education*, Kan. St. Tchr. Coll. Bull. of Inf., Vol. 21, No. 6, June, 1941.

Miller, George. *Trends in Kansas Public Junior Colleges since 1935*. 1942. 188 pp. (Brown.)

Traces briefly the origin and development of junior colleges in Kansas, then describes and discusses problems of financing; curriculum trends; faculty training; teaching loads, salaries, standards, and the like; the student body; such other topics as grades used; library, housing, alleged advantages and disadvantages. Kansas in 1942 had fourteen junior colleges which had existed over four years.

Milligan, Glenn E. *A Study of Personality (Neurotic Disposition) and Its Relation to Scholastic Achievement, Persistence in Attendance, and Extra Curricular Activities above the Freshman Year*. 1942. 26 pp. (Schrammel.)

Makes a comparison of the personality of Kansas State Teachers College students and its relation to scholastic achievement above the college freshman year. Other factors of the comparison were the relation of personality to persistence in attendance and to participation in extracurricular activities.

Mohler, John Henry. *A Follow-up Study of the Graduates of Yates Center (Kansas) High School Classes of 1933 to 1942 (inclusive)*. 1943. 76 pp. (Brown.)

An investigation of occupational distribution and scholastic success including all (488) students who graduated from Yates Center High School from 1933 to 1942, except a very few who transferred from schools with markedly different curricula. Over 350 of the graduates were personally interviewed by the author, who then was in his fourth year of service as a teacher in Yates Center High School.

Moline, Carl O. *A Study of Scholastic Achievement in College of Various Age Groups*. 1940. 42 pp. (Schrammel.)

Studies the relationship between Kansas State Teachers College students' ages at entry to college and their scholastic success.

Newman, Clarence F. *A Study of Mexican Immigration and Its Attendant Problems*. 1942. 92 pp. (Brown.)

A brief review of immigration laws and policies from 1910 to 1940. Investigation of extent and character of Mexican immigration into the United States; social, racial, and economic effects; the Mexican as a citizen; the Mexican in the labor situation; attitudes and needed legislation.

O'Bryant, Charles W. *A Comparative Study of the Status of Public School Administration in Kansas*. 1940. 77 pp. (Brown.)

A follow-up study of a previous investigation, showing a number of changes in a ten-year period, especially: 1. Increase in tenure and years of experience; 2. improvement in professional qualifications; 3. decrease in salaries. Published: *Studies in Education*, Kan. St. Tchr. Coll. Bull. of Inf., Vol. 21, No. 7, July, 1941.

O'Reilly, Virginia Marie. *A Self-Rating Scale for the Elementary Teacher*. 1943. 61 pp. (Brown.)

A scale covering personal and social qualities, methods, and principles of teaching, consisting of 200 items arranged in related groups. Published: *Studies in Education*, Kan. St. Tchr. Coll. Bull. of Inf., Vol. 24, No. 6, June, 1944.

Perrill, Ariel Smith. *An Investigation into the Humanitarian Attitude of Fiction Writers Toward Children as Reflected in Certain Outstanding Novels*. 1942. 166 pp. (Davis.)

Sources consulted for material which deals with the problems of childhood: Dickens' *Oliver Twist* and *Nicholas Nickleby*, and *Hard Times*; Kingsley's *Alton Locke*; H. G. Wells' *Joan and Peter*, and *The Goslings*; Edith Wharton's *The Custom of the Country* and *The Children*; and Dorothy Canfield Fisher's *The Home Maker*. The author also examined Poole's Index (1802-1881) and found that the articles listed there reflected the same problems of childhood that were treated in the novels of the corresponding periods.

Plummer, Lauren L. *A Survey of the Activities of the National Youth Administration in the State of Kansas from June, 1935, to June, 1940*. 1940. 98 pp. (Dewey.)

A study of the expenditures and accomplishments of the National Youth Administration in Kansas during the first five years of its operation, including a list of number of students aided and total expenditures for all high schools and colleges in the state.

Reid, James Mark. *Out-of-School Activities and Interests of Farm Children*. 1943. 66 pp. (Brown.)

Study based on farm children of grades five to eight in 28 schools in Pratt County, Kansas. Includes leisure-time activities, church attendance, reading interests, music and radio interests, age and sex differences tabulated.

Richards, Oscar C. *A Study of Football in Selected Kansas High Schools*. 1941. 70 pp. (Brown.)

A compilation of 30 questionnaires and the same number of personal interviews with football coaches. Thirty Kansas high schools, 10 with enrollments of 500 or more, 10 between 175 and 500, and 10 below 175, were used in the study. Data on equipment, training, injuries, handling games, trips, practice, and the like.

Rock, Clifford R. *The Kansas Legislative Council*. 1943. 105 pp. (Dewey.)

A brief historical sketch of the council and a detailed treatment of its operation and accomplishment in connection with each legislative session, starting in 1933 and including 1939.

Rothgeb, Clyde W. *A Brief History of Discipline and Punishments in American Public Schools*. 1940. 54 pp. (Brown.)

Historical treatment of discipline and punishments of the colonial period (1607-1787), the transition period, (1787-1890) and the modern period (1890-1940) also discipline as portrayed in six American novels.

Royer, Harold L. *An Experimental Study of the Value, if any, of Fluency in Rhythm in Teaching First-Year Typewriting*. 1940. 288 pp. (Brown.)

Results of 35 tests of 15 pairs of equated students apparently show that speed in typewriting is improved by using the typewriter and the Rational Rhythm Records, and that such improvement is greater in first-semester typing.

Seigle, William F. *Comparison of the Per-Pupil Cost of High School Education in Chase, Edwards, Cheyenne, and Trego Counties*. 1941. 47 pp. (Dewey.)

Analysis of costs, separately for each county involved, in the basis of average daily attendance, so as to arrive at the per-pupil cost per month. Study covers period from 1935 to 1940.

Shelley, Fred. *A Manual for the Teaching of American History in the Eleventh or Twelfth Grade of the Senior High School*. 1941. 285 pp. (Brown.)

Organization, trends, objectives, study outlines, worksheets, study questions, thought questions, and tests for the use of high school teachers of American history in seven major units: Latin America, the colonial period, early national history, the "middle period," and modern America, the post-war and pre-depression period, and contemporary America. Selected bibliography for the subject as a whole and for each unit.

Sloan, Clair M. *A Survey of the Practices in the Out-of-Class Activity Program of Thirty High Schools in Kansas with Enrollments of Varying Sizes.* 1940. 92 pp. (Brown.)

A study, based on check-lists and interviews with principals, of schools varying from 970 pupils to 19 pupils, including athletics, debate, dramatics, music, clubs, parties, class activities, parent-teacher associations, student council, assembly, honor societies, commencement, and other activities. Recommendation for the improvement of the activities program.

Sloan, Ralph J. *The National Youth Administration in Kansas.* 1941. 85 pp. (Brown.)

A description of the organization and administration of the National Youth Administration and its functioning in and out of the school; recommends closer supervision, more careful planning to eliminate "made work," a varying wage scale and closer investigation of needs.

Smith, Lloyd C. *A Historical Outline of the Territorial Common Schools in the State of Kansas.* 1940. 103 pp. (Brown.)

Treats briefly the pre-territorial developments of schools, and covers in detail, by counties, the period from 1854 (when Kansas Territory was organized) to 1861, when Kansas became a state. Published: *Studies in Education*, Kan. St. Tch. Coll. Bull. of Inf., Vol. 22, No. 2, Feb., 1942.

Statler, Katherine C. *An Outline History of Rural Schools of Lyon County, Kansas.* 1944. 122 pp. (Brown.)

A brief survey of the history of Lyon (originally Breckenridge) County, and detailed treatment of each of its rural schools, beginning with "Old Store," District No. 1, organized in 1859, and closing with "up-to-date" District No. 118, organized in 1913.

Vance, Lewis M. *Reading Interests and Preferences of College Students.* 1942. 82 pp. (Brown.)

Study based on questionnaire answered by 128 students of the four college classes of Kansas State Teachers College, including number of books read, hours spent in reading, use of city library, course reading, magazine preferences and the like.

Van Osdol, Marvin. *A Brief History of the City of Abilene, Kansas, and A Survey of the Abilene Public School System.* 1941. 99 pp. (Brown.)

Covers period from 1867 to 1941. Details of elementary education, junior high school, senior high school, and building program, including tables of enrollment, teacher tenure, and the like.

Welch, Claude A. *A Course in Housing for Presentation in Secondary Social Studies Based on a Partial Investigation of Needs in Rice County, Kansas.* 1942. 108 pp. (Lull.)

History and present status of American housing conditions, account of a survey of housing conditions in Rice County, Kansas, a unit of study proposed for the high school curriculum, summary, conclusion, and bibliography.

Wellborn, Rankin P. *An Analysis of the School Janitor's Job in Kansas*. 1940. 67 pp. (Brown.)

A compilation of 210 questionnaires filled in at three Janitor-Engineering schools held in Kansas in 1940 by the custodians of 196 Kansas schools of six different classes. Analysis of custodians' interests in school, family, background and general community status.

Willits, Russell W. *A Comparative Study of the Major Course Selections of the Graduating Classes of The Kansas State Teachers College of Emporia for the Years 1936 to 1939*. 1940. 45 pp. (Brown.)

Includes statistical studies of comparative scholastic success of students of comparable ability in various departments. Based on grade records of 250 Kansas State Teachers College students in the classes of 1936, 1937, 1938, and 1939.

Wilson, Nellie A. *A Correlation of Supplementary Reading Materials with Three Selected Basic Texts for the Kindergarten-Primary Grades*. 1940. 97 pp. (Brown.)

Analysis of reading materials in correlation with *Easy Growth in Reading*, *New Work-Play Readers*, and *Curriculum Readers*; subject matter classified as follows: Home life, community helpers, animals, holidays, travel, seasons, and stories.

Young, Iona. *A Preliminary Survey of Interests and Preferences of Primary Children in Motion Pictures, Comic Strips, and Radio Programs as Related to Grade, Sex, and Intelligence Differences*. 1942. 90 pp. (Brown.)

Survey based on all children in the first, second, and third grades of the elementary Laboratory School of Kansas State Teachers College, including 68 boys and 49 girls. Published: *Studies in Education*, Kan. St. Tchr. Coll. Bull. of Inf., Vol. 22, No. 9, Sept. 1942. Supply exhausted.

Zimmerman, John J. *The Liberalism-Conservatism of a College Freshman Class and the Change in Attitude After a Year in College*. 1940. 54 pp. (Schrammel.)

Attempts to analyze a Kansas State Teachers College freshman class to determine the attitudes of liberalism-conservatism with respect to certain social, economic and religious tendencies; and to determine the effect of a year of college training upon the tendencies.

Zimmerman, Mary A. *A Study of the Changes in Personality During One Year in College as Shown by the Thurstone Personality Schedule*. 1943. 65 pp. (Schrammel.)

Studies changes in adjustment during one year in college of Kansas State Teachers College freshmen, and notes the consistency and incidence of change in item response.

DEPARTMENT OF ENGLISH

Brockway, Esther. *The Social Problems in Maxwell Anderson's Plays*. 1941. 220 pp. (Priest.)

Examines 16 plays of Maxwell Anderson as vehicles for the presentation of social problems; the specific problems introduced, the methods of treatment through the medium of drama, and the solutions proposed by the author.

Flook, Mildred. *Aspects of the Drama as Seen in a Study of Certain One-Act Plays*. 1943. 148 pp. (Priest.)

An analysis of representative one-act plays for the occurrence of the following: Realism, romanticism, fantasy, symbolism, mysticism, and expressionism. The plays selected for examination were from the works of the most celebrated American and European dramatists of the past sixty years.

Herron, Bernice. *Religious and Moral Implications Found in Best-Selling Novels Selected at Random for the Period 1937-1942*. 1943. 59 pp. (Davis.)

Sources used: *Publishers Weekly*, *Harpers*, *World Almanac*, *New Republic*, *Library Journal*, and *Saturday Review of Literature*. Slips with the names of the best sellers for each of the years covered by the study were placed in envelopes. These slips were then drawn from the envelopes at random. The eighteen novels thus drawn were critically read and an effort made to point out those ideas which seemed to meet the general approval of the characters in the novel, and along with these, those which were presented as undesirable. Although this subject is one which tempts to subjective evaluation, the author worked with the danger ever in mind, and completed her task with a minimum of subjectivity.

Johnson, Avis L. *A High School Boys' Library of Fiction as Based upon a Study of Libraries in Larger Kansas High Schools*. 1944. 106 pp. (Davis.)

An attempt to determine which books of fiction, both classical and modern, are read most frequently by high school boys. From a preliminary list of 175 books, a final selection of 81 was made, as follows: Adventure, 20; Animal friends, 10; Aspects of living (careers, family, school, etc), 22; History, 16; Personalities, 13. The thesis includes a brief review and reference data for each book.

Major, Dorothy. *Trends and Developments in Five Selected Social Problems as Indicated by Articles in the Atlantic Monthly (Atlantic) from 1857 to 1940*. 1940. 83 pp. (Owen.)

Surveys those articles in the Atlantic Monthly from 1857 to 1940 which treat any of the following problems: Races and immigration, poverty and unemployment, crime and punishment, alcohol and social welfare, divorce. The study analyzes the trends, traces developments, explains related historical background, and shows reasons for shifting emphasis.

Mariott, Alice Carter. *Contribution of the Negro Creative Artist to American Literature*. 1944. 140 pp. (Davis.)

An attempt to evaluate the style, form of expression, and motive of those Negro writers who are generally regarded by critics as representative of the best that has been produced by their race; influence of the Negro's African heritage on his creative product; literary productions which give evidence of an awakened racial consciousness; certain writings of propaganda and protest; writings which are of a purely artistic non-racial character. It is concluded that: 1. The Negro has given to American literature an original, characteristic style. 2. This literature has expressed itself in poetic form more often than in prose form. 3. Negro writers, as a class, have not yet risen to the level of representative white writers.

Mershon, Ruth. *Sensory Reference in the Poetry of Shelley and Keats*. 1940. 89 pp. (Priest.)

An analysis and comparison of the references to the five senses in the poetry of Shelley and Keats; the frequency of their occurrence, the predominance of appeals to certain senses, the varying methods of introducing the sense references.

Poppino, Hattie. *The Attitude Toward War of British Prose Writers from 1919 to 1933*. 1943. 169 pp. (Priest.)

A chronological study of the most important British prose works from 1919 to 1933 which express a definite attitude toward war, showing the relative strength of the militaristic and pacifistic attitudes during the various phases of the period. One hundred and thirty-nine works are reviewed.

Selanders, Bonnie Mae. *The Observance of Certain Classical Practices in Modern Tragedy*. 1940. 122 pp. (Priest.)

Investigating the observance in the greatest of the modern tragedies, of the following classical principles: Unity of time, unity of place, employment of verse, the finality of the catastrophe, the nobility of the protagonist. Analysis of 40 tragedies of American and European authors are presented.

DEPARTMENT OF MATHEMATICS

Breneman, Frances. *Applications of Plane Geometry*. 1942. 57 pp. (Peterson.)

Presents the utilitarian aspects of a standard course in plane geometry by indicating practical applications of each theorem and corollary. The illustrative examples are all of general interest and are selected with the aim of providing direct and fitting applications of the theorems of geometry to everyday living.

Etter, Orville Eugene. *A Study of the Error of a Function Associated with a Specified Accuracy in the Independent Variable*. 1941. 127 pp. (Peterson.)

Investigates the error of a function due to a specified error in the independent variable. The problems investigated are those of most common occurrence in numerical applications of trigonometry. Of particular interest

is the determination of the relation of the number of significant digits in the independent variable and the number of dependable significant digits in the value of the function.

French, Loren L. *A Handbook of Nomograms for Formulas of Plane and Spherical Trigonometry*. 1941. 100 pp. (Peterson.)

Presents nomograms for the solution of all standard problems of plane and spherical trigonometry, with scales selected so as to provide greater accuracy than is generally available.

Hanna, James Ray. *A Handbook of Number Systems*. 1940. 139 pp. (Peterson.)

Presents the historical development and analyses of number notations, ancient and modern, with pictorial representations of the symbols of the Mayas, Egyptians, Babylonians, Chinese, and others. The stages of the development of early European symbols are indicated. A unique feature is the listing of the language equivalents of numbers in more than one hundred different languages, including many which are generally not readily accessible, such as those of the Indians of North and South America and those of native tribes of Africa, Australia and the islands of the South Pacific.

Hardy, Dwight B. *Some Metric Properties of Conics in Trilinear Coördinates*. 1940. 95 pp. (Peterson.)

Extends the use of trilinear coördinates to include the study of the metrical properties of conics, particularly those involving the axes, foci and directrices. Trilinear coördinates are generally poorly suited to the expression of such properties, and this study provides a source of reference when intentional or incidental interest necessitates the consideration of some metrical property of a conic in a projective setting.

Norris, Ruby Merle. *Historical and Recreational Material for a Course in General Mathematics in High School*. 1943. 232 pp. (Peterson.)

Assembles a fund of historical and recreational material for the enrichment of a course in general mathematics. The material is organized to fit the normal sequence of work in a high-school course.

Rasmussen, Otho Mills. *A Standardized Test in Plane Trigonometry, with a Brief Historical Introduction*. 1940. 58 pp. (Peterson.)

Presents a compact history of the development of trigonometry, outlining origins of the basic ideas, terminologies and formulas. It provides two forms of a standardized test covering the factual material of trigonometry and constructed in conformity with a topical analysis of a large number of text books in current use.

Wilch, Kyle L. *The Consistency and Accuracy of Nomographic Solutions*. 1942. 74 pp. (Peterson.)

Investigates the limitations on the accuracy of nomographic solutions under varying conditions of scale line interval and inclinations of index line. The study is based on computations by a select group using accurately constructed nomographs.

DEPARTMENT OF MODERN LANGUAGES

Aiken, Beulah. *Suggested Outline and Instructional Tests on Civilizations for Elementary College Spanish*. 1941. 174 pp. (Miller.)

Covers material on Spanish life and culture, as a background for a study of the Spanish language. An objective test follows each of four major divisions: (1) The country and people of Spain, (2) history of Spain, (3) Spanish literature and art, (4) Spanish America. In the last section the history, geography, and literature of Latin America are treated by countries. The outline is intended to be used with the first ten hours of College Spanish.

Montgomery, Evelyn. *A Word Study of the French Publication, L'Illustration, for the Year 1938*. 1941. 54 pp. (Miller.)

One feature article from each 1938 issue of this weekly periodical comparable to the American *Fortune* was studied for vocabulary content. Words not in the first two thousand of the Vander Beke Work Book were listed and their frequency noted.

Ramirez, Socorro M. *A Survey of the Mexicans in Emporia, Kansas*. 1942. 73 pp. (Miller.)

A questionnaire was given in Spanish to one member of each Mexican family living in Emporia. Topics covered were economic stability, recreation, home life, social ideas, change in attitudes since coming to the United States, etc. A questionnaire to 26 American citizens who had contact with Mexicans treated such topics as citizenship problems, racial prejudices, and business integrity. Prejudices were found to be based on economic and social reasons as much as race.

Simkins, Charles L. *Beaumarchais' Plays as a Mirror of Eighteenth Century French Life*. 1940. 79 pp. (Miller.)

Without being aware of the underlying causes producing them, Beaumarchais mirrored the feelings and attitudes of the French people in the days just preceding the Revolution. He reflects the popular liberal attitude of his time on such problems as social equality, slavery, women's rights, freedom of speech, buying of offices, etc.

Terrill, Dora Bratton. *A Study of the Religious Elements in the Works of Ignacio Altamirano*. 1942. 44 pp. (Miller.)

Altamirano, a full-blooded Mexican Indian, was connected with the movement of the Reform in the middle of the nineteenth century. However, in his description of native fiestas he is not anti-clerical. Although he criticizes the excesses of some of the religious festivals, he shows, in general, affection for the clergy and sympathy for popular religious customs.

LIST OF ADVISERS

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LIST OF STUDIES IN EDUCATION

1. MAUL, RAY C. *A Study of Administrative Practices in Correspondence-Study Departments of Teachers Colleges and Normal Schools*. Vol. 1, No. 1, Jan. 1930. 71 pp. Limited supply.
2. SLOAN, HERBERT L. *A Study of the Status of Public School Administrators in Kansas*. Vol. 1, No. 2, June 1930. 54 pp. Limited supply.
3. SCHRAMMEL, H. E., and WOOD, E. R. *Success and Failure of College Students (A Follow-up Study of the Freshmen Who Entered the Kansas State Teachers College of Emporia During the Years 1924 to 1929)*. No. 3, Jan. 1931. 103 pp. Supply exhausted.
4. BROWN, EDWIN J. *A Study of the Facts and Conditions Involved in the Problem of College Admissions*. No. 4, April 1931. 56 pp. Supply exhausted.
5. RIDGWAY, C. W. *A Comparative Study of the Training and Teaching Combinations of Kansas High School Teachers*. No. 5, Oct. 1931. 31 pp. Supply exhausted.
6. LITTLE, J. KENNETH. *A Critical Study of Public School Costs in Kansas from 1898 to 1928*. No. 6, March 1932. 58 pp. Limited supply.
7. ALTUS, WILLIAM D. *A Study of the Status of the County Superintendent in Kansas*. No. 7, June 1933. 52 pp. Limited supply.
8. WILLIAMS, MARY RACHEL. *A Critical Study of the Individual Reports Made by Kansas Administrators to Parents*. Kansas State Teachers College Bulletin of Information,* Vol. 14, No. 6, June 1934. 32 pp. Supply exhausted.
9. EWALD, HAROLD HUGO. *A Handbook of Facts Concerning Kansas Public Schools*. Vol. 14, No. 11, Nov. 1934. 48 pp. Limited supply.
10. GREEN, PAUL G. *An Annotated Bibliography of the History of Education in Kansas*. Vol. 15, No. 9, Sept. 1935. 33 pp. Limited supply.
11. PHARES, EARL E., and BROWN, EDWIN J. *A Self-Rating Scale for High School Principals*. Vol. 16, No. 6, June 1936. 34 pp. Supply exhausted.
12. BROWN, EDWIN J., and BYALL, RUSSELL D. *A "Consumer's Research" in School Supplies*. Vol. 16, No. 9, Sept. 1936. 44 pp. Supply exhausted.
13. LITTLE, MARTIN EBERT. *A Study of the Eighth Grade Diploma Situation in Kansas*. Vol. 17, No. 6, June 1937. 37 pp. Limited supply.
14. THIESSEN, N. J. *An Annotated Bibliography of American Historical Fiction*. Vol. 18, No. 5, May 1938. 65 pp.
15. IRWIN, FRANK L. *A Comparative Study of the College Preparation, Teaching Combinations, and Salaries of Kansas High School Teachers (1938)*. Vol. 18, No. 9, Sept. 1938. 38 pp.
16. HILBERT, LYLE WARREN. *A Study of the Status of the Rural High School Principal in Kansas*. Vol. 18, No. 10, Oct. 1938. 27 pp.

* Beginning with number 8, Studies in Education have been published as numbers of the Kansas State Teachers College Bulletin of Information.

17. BROWN, E. J., SCHRAMMEL, H. E., and NILES, IRENE. *An Annotated Bibliography of Dissertations Accepted for the Master of Science Degree, Kansas State Teachers College of Emporia, (1929-1939)*. Vol. 19, No. 9, Sept. 1939. 61 pp.
18. MASE, WAYNE E. *A Self-Rating Scale for School Custodians*. Vol. 19, No. 10, Oct. 1939. 24 pp.
19. ALLEN, PAUL. *Kansas Mammals*. Vol. 20, No. 5, May 1940. 62 pp. Supply exhausted.
20. EDWARDS, RALPH M. *The County Superintendent and Rural School Supervision*. Vol. 20, No. 7, July 1940. 67 pp.
21. JOERG, ADRIENNE, and SHROYER, LANA A. *A Survey of the Certification, Preparation, Experience, Salary, and Employment Status of Elementary and High School Teachers in Kansas for the Year 1939-1940*. Vol. 20, No. 9, Sept. 1940. 50 pp.
22. MENTZER, LOREN W. *Wildlife Conservation (Information Concerning and Helps for Teaching)*. Vol. 21, No. 6, June 1941. 63 pp.
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