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UC Davis Special Collections

D-030 Kleiber, Max (1893-1976) Papers.

BOX 1:

American Civil Liberties Union pamphlet, 1963-1966

Correspondence containing remarks Re Physiological Measurements of Metabolic Functions in Man by Conzolozio, Johnson, and Pecora, 1963.

Topographic map, Big Trees Quadrangle, California

German pamphlets (3)

Christmas letters, 1942-1975

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- Harold D. Johnson, University of Missouri

Miscellaneous Reprints

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BOX 2:

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BOX 3:

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"The Caloric Content of Feeds," speech given at the Fifth Annual Feed Conference, University of
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"Calories and Isotopes in Metabolic Research," speech given at the NSF Summer Program, Davis,
August 13, 1959

"Merits and Limitations of Energy Contents of Feeds," speech given at the American Dairy
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"Intermediary Metabolism in Milk Formation," speech given at Conference on Radioactive
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Talk for Hanover, Germany, August, 1958
Biographical material
Letter file, November, 1970- November, 1973
Black, A.L. Borden Award (2 files)
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Pregnant Rats 1958-59
Free Energy
Dick Dickman
Age and Metabolic Rate in Rats (Original Tables)
Time Integrals of Specific Activity in Milk Constituents
Material for Factors Affecting Metabolic Rate for Handbook of Biologic Data
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and C. F. Baxter
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BOX 4:

"From Bioenergetics to Biokinetics," seminar in Veterinary Medicine, October 8-15, 1952.

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BOX 5:

Metabolism The Fire of Life

- Correspondence to John Wiley Publishing Company
- Answers to editor's questions
- Bibliography
- Permission to use figures, tables, etc.
- Comments from Terry Rogers
- Earlier correspondence with the University of Chicago
- Practice problems Chapters 2-18
- Preface and Introduction corrected
- Chapter II, A, B, and C corrected
- Chapter II D & E
- Indexes
- List of people to whom to send copied
- Comments
- Additions
- Energy Metabolism
- Preface
- Preface and Introduction
- Introduction
- Biosynthesis

- Section III
- Section IV
- Section V
- Section VI
- MS Section I
- Section II
- Basal Metabolism
- Biographical
- Work
- Methods, Apparatus
- Food Supply
- Teleology, Adaptations
- Sulfates, Sources of energy, biosynthesis
- Bioenergetics III A-4-5 Metabolization, Net availability, coloniferic effect
- Bioenergetics III Utilization of food energy C Maintenance requirement
- Bioenergetics III Food Utilization D Total efficiency
- Bioenergetics III E Utilization of sun energy
- Biokinetics I Metabolic Paths
- Biokinetics II Metabolic Pool and Transfer rates
- Turnover

Correspondence January 1967- October 1975

Graduate Groups: Nutrition, Physiology

Activities after retirement 1962-

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Personal File

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Correspondence at Minnesota 1968

Visitors

Societies and meetings

Correspondence with H.C.K. Nehring

Meeting of the American Physiological Society, Fall 1969, Davis

Publications

Recommendations of People and Evaluations of Projects

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Factors Effecting energy exchange for handbook

Miscellaneous

BOX 6:

"Effect of Pregnancy on Energy Metabolism of Normal and Precocious Rats," M. Kleiber and H.H. Cole for Basal Metabolism, Chapter 3 "Age and Metabolic Rate."

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BOX 11

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Reprints. Kleiber, et al., 1967-1973
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Reprints. Kleiber, et al., 1936-40
Reprints. Kleiber, et al., 1941-45
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"Are Scientists Responsible?" speech presented at Davis Unitarian Fellowship, May 28, 1961.

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Davis Peace Group, 1962.

Social Responsibility in Science, 1962.

"Carbon Transfer from Precursors to Milk Components Use of C¹⁴ as a Tracer," Washington State University, February 21-23, 1962.

Edward Teller- Max Kleiber debate on atmospheric testing of nuclear weapons, Davis, April 10, 1962.

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"Regulation of Metabolic Rate," San Francisco School of Medicine, May 23, 1962.

"Effects of Chronic Cold Exposure on Organ Function," Conference on Temperature Adaptation, Leiden, The Netherlands, September 5-7, 1962.

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"The Fire of Life," speech given at the First Unitarian Church, Honolulu, Hawaii, August 18, 1963.

"Conscience of the Agnostic," speech given at Michigan State University, April, 1963.

"Synthesis of Amino Acids Labeled by Pumen Microorganisms and Tissues of Lactating Dairy Cows from Carbon-14 Labeled Short Chain Fatty Acids and Glucose," Pacific Slope Biochemical conference, Honolulu, Hawaii, August 21-23, 1963.

"Application of C¹⁴ in Studies of Precursor-Product Relationships," given at Conference on Metabolic Studies Using C¹⁴ Labeled Synthesis, University of Chicago, November 25-26, 1963.

Isotopes and Labeled Material, 1963-64.

Other correspondence, research project, appraisal of proposals, etc. 1963-64.

Recommendations 1963-64

J.R. Luick 1963-64 Index File (2 folders)

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American Association for the United Nations, 1964.

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1964.

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"Isometric Build and Isokinetic Behavior," NASA seminar Moffet Field, April 2, 1964.

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"Animal Food for Astronauts," speech given at NASA Working Conference of Space Nutrition, Tampa, Florida, April 29, 1964, correspondence & programs (2 folders).

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"Energy Expenditure in Fat and Lean Persons," speech given at AMA Nutrition and Diet Conference, San Francisco, June 23, 1964.

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Speeches given in Ohio, Purdue, and Illinois, November 1964.

"Fuel for the Fire of Life," speech for Agricultural Engineering Seminar, November 12, 1964.

"Should Starvation Limit Human Population?" UC Berkeley, December 2, 1964

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"Our Production Potential: People and Food," given at Nutrition seminars, San Francisco, March 21-April 25, 1966.

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Societies 1966

Honors 1966

"Freedom and Truth" speech given at Fresno Unitarian Fellowship, May 1, 1966.

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"Functions of Energy in the Animal," preliminary draft for Madrid, May 26, 1966 (2 folders).

Correspondence on talks and articles 1967

Energiehaushalt 1967 (2 folders)

Conscientious Objector 1967

Ecology, Air Pollution 1967

"Conservation of Energy," presented in class titled Revolutions in Physics, May 19, 1967.

"Evolution of Ideas," seminar presented at UCLA, January 1968

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"Life Against the Degradation of Energy," speech given at San Diego State college, Nutrition Seminar, October 28, 1968.

Alaska Trip correspondence 1968

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"What You Should Take With You from your University," speech given for Hammarskjold House, February 1, 1968.

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Energy Requirements in Space, notes, 1969

Miscellaneous correspondence, correspondence from Clara Wegman, correspondence re: meeting at Tennessee, September 1969-74

Notes for Nutrition 298 (1971) first quarter

"Are Scientists Human?" Sigma Xi dinner talk Fairbanks, Alaska April 30, 1969.

"Must We Let Them Starve?" speech given at American Physiological Association meeting, August 25-29, 1969.

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BOX 14:

Ruman Gas ca. 1945

Gas analysis, from 11-18-47 to ----, KO_2 , Y_2 , Y_3

Muriel D.D. Boelter Thesis 1940

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Pacific Coast Branch, Society for Experimental Biology and Medicine, membership lists, annual reports, correspondence, 1944-1949.

"A Simplified Method for the Cartesian Diver Technique," Ph.D. thesis by Arthur H. Smith 1948.

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"Body Size and Energy Metabolism Experiments on Growth Hormone Rats," M. Kleiber and H.H. Cole, laboratory data.

"Die Energitik in der Lehre von der Tierishcen Ernahrung" seminar given at the Eidg. Technischen Hochschule, Zurich, October 1928.

Papers used in presentation for Tierernahrung, Hamburg, 1956.

"Ernahrungsforschung on Intaden Kuhen Mit Hilfe von Istopen Als Tacern," speech given at the University of Gottingen Germany, 1956.

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February 1952.

"Precursor- Product Relationship for Milk Formation in the Intact Dairy cow" presented at Symposium on Lactation, University of Montreal, September 2, 1953.

"Isotopes in Research an Animal Nutrition and Metabolism," given at Atoms for Peace Conference, Geneva, August 8-20, 1955.

"Meaning of Turnover in Biochemistry," published in Nature, 1955

"C14 Studies on Ketogenicity of Metabolites in Lactating Dairy Cows" by Cornelius, Small, and Kleiber, 1957, typescript.

Correspondence related to energy metabolism chapter for Annual Review of Physiology, Vol. 17, 1955.

Metabolic rates of rats with tumor (fibroma), 1950, notes, data.

Philosophy of Research lecture, "Urge, Search, and Research," USAFR, Sacramento, December 1, 1959.

Propinoate, 1953

Michigan State, 1955

Ruckwärts oder vorwärts von Starkewert? November 1955.

"Energy Transformation in Relationship to the Efficiency to Milk Production," Symposium on the Nutritional and Economic Aspects of Feed Utilization of Dairy cows, Michigan State University, May 23-25, 1957.

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Progress Report, UC Davis Tracer Team, 1958.

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Isotope Correspondence prior to 1948

BOX 15:

Journals 1922-1970

Proceedings of the Symposium on Energy Metabolism Principles, Methods and General Aspects 1958.

Proceedings of the Symposium on Energy Metabolism Methods and Results of Experiments
with Animals 1961.

Proceedings of the Symposium sur La Physiologie di la Lactation Montreal, 1953.

Influence of Cold on Host-Parasite Interactions 1963.

Proceedings of the Symposia on Arctic Biology and Medicine Part VI 1966.

BOX 16:

24th International Congress of Physiological Science, Washington, D.C., August 25-31, 1968.

Biographical Material

Dr. Kleiber Index File 1965

Applications and Recommendations

Editorial

Correspondence about publications

Publications 163-184, 1960-1962 (Reprints)

Reprints 125-162, 1957-1960

Publications 1-17, 1932-1938

"Do Calories Count in Cattle Feeding?" speech given at Feeder Day, Imperial Valley, May 17, 1973.

Tables and figures for Animal Husbandry 120

Sixth Symposium on Energy Metabolism, Stuttgart, Germany, September 9-15, 1973.

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Notes from Irrigation Class, UCD, early.

Labor Journal 19, October 5, 1932

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Labor Journal 15, December 7, 1929- October 1930

Labor Journal 14, July 23, 1930

Labor Journal 13, May 6, 1930
Labor Journal 12, May 11, 1929
Labor Journal 11, January 29, 1927
Labor Journal 10, December 1926-September 1927
Labor Journal 9, February - December 1926
Labor Journal 8, February 1925- February 1926
Labor Journal 7, December 21, 1923
Labor Journal 6, April 1923-December 1923

BOX 17:

"Age and Metabolism in Rats," Doty 1942, 199 Special Study
F. Bronner: "The Specific Dynamic Action," Spring 1941, 199 Special Study
Henry Lucas, Jr.: "Metabolism of Newborn Rabbits," May 1936, 199 Special Study
Ben York, Jr.: "The Protein Requirements for Normal Growth and Development of Beef Bulls,"
199 Special Study, 1951
John King: "The Isolation of Casein," Fall 1951, 199 Special Study
Reports on Students
Reports on manuscript by Faps and Carlyle
Report to Dean Hutchinson on manuscript by R.W. Swift, 1941
Seminar series correspondence, noted re the energy transmission in organisms
"Food Value and Net Energy," seminar, April 9, 1930
Notes of Seminar, November 2, 1932
"Indirect Calorimetry in Nutrition," address before the Sacramento Group of the American
Chemical Society, March 21, 1931.
Animal Husbandry Seminar, March 25, 1931.
"Food Value," evening seminar, April 29, 1931.
Animal Husbandry Seminar, December 2, 1931.

"Energy in Swine Feeding," Swine Day, February 4, 1932.
Seminar, November 2, 1932
Seminar, April 6, 1932
Report for CREA meeting at Fresno, seminar, 1932.
Seminar, March 8, 1932
"Environmental Temperature and Energy Transformations in Baby Chicks," lecture in the Society of Experimental Biology and Medicine, June 5, 1933.
Animal Husbandry Seminar, October 18, 1933.
"Efficiency of Energy Transformation in Various Organisms" for seminar in Plant Nutrition at Berkeley, November 18, 1933.
"Efficiency of Food Utilization and Body Size," A. H. Seminar, February 21, 1934.
"Potassium Deficiency in Animal Nutrition," A.H. 120 Research Project, Walter A Krell, January 18 and 19, 1948.
Seminar in Poultry Research Lab, Berkeley, February 24, 1934.
Animal Husbandry Seminar, March 14, 1934
Animal Husbandry Seminar, October 17, 1934
Animal Husbandry Seminar, March 20, 1935.
Seminar, January 22, 1936.
"My Trip to Russia," Golden Hoof Club, April 21, 1936.
"Body Size and Metabolism in Rabbits," May 20, 1936.
Animal Husbandry Seminar, August 26, 1936.
"Body Size and Metabolism," Stanford, May 6, 1937.
"Food Value and Efficiency of Food Utilization,," Meeting of the Animal Husbandry, Corvallis, California, May 1937.
Seminar on Food Utilization, Poultry Division, Berkeley, April 2, 1938
"Food Value and Metabolic Unit of Bodysize," used for proceedings, July 11, 1938
"Energy Metabolism," Home Economics Seminar, Berkeley, July 10 and 11, 1939.
"100 Years of Cell Physiology," Botany, November 30, 1938.
Animal Husbandry Seminar, April 19, 1939

Animal Husbandry Seminar, November 22, 1939

"Body Size and Food Utilization," seminar on animal production, April 24, 1939.

Graduate seminar on energy metabolism, Division of Home Economics, Berkeley, July 10 and 11, 1939.

"Food Value and Its Measurement," for Feeds and Feeding, September 13, 1939.

"A Place in the Sun," address at meeting of Davis Forum Club and 4H Club, November 7, 1939.

Animal Husbandry Seminar, March 13, 1940

Sacramento Chamber of Commerce luncheon, May 8, 1940.

Feed dealers conference, May 23, 1940

"The Fire of Life," talk to Chemical Society at Reno, Nevada, September 14, 1940.

"Energy Supply and Sterility," Animal Husbandry Seminar, Fall 1940, October 3, 1940.

Poultry seminar on feed values, April 6, 1940.

Seattle meeting, AAAS, June 17-22, 1940.

Further studies on food value, American Society for Animal Producers, June 27-28, 1940

"The Measurement of Partial Nutritive Equivalent," meeting of American Society for Animal Production, Chicago, November 30, 1940.

"Metabolic Rate and Structure," Biology Seminar at Stanford, January 8, 1941.

Speech given at farmers meeting at Clarksburg, January 9, 1941.

"Fight Against Hunger," talk for Plainfield Farm Center, March 27, 1941

Animal Husbandry Seminar, January 29, 1941

Speech given at opening of Davis Forum Club for International Relations, February 4, 1941.

"Measurement of Replacement Equivalent of Feeds by Production Trials," AH Seminar on Methods of Research in Animal Husbandry, April 3, 1941.

Seminar in Animal Husbandry, Spring 1941

Book Review Forum Club, February 10, 1942

"Food as Fuel," 1942

Animal Husbandry Seminar, February 18, 1942.

"The Caloric Requirements in Nutrition" for National Nutrition Conference, Berkeley, June 1942.

"Food as Fuel," lecture at UCD Nutrition Conference, May 3, 1941

Animal Husbandry Seminar, January 18, 1944

"Food Evaluation and calculation of Ratios," for Farm Advisors, Berkeley, February 6, 1945.

Animal Husbandry Seminar, May 1, 1945

"Our Daily Food," talk to Mother's Day Luncheon, Luncheon Club, Sacramento, May 11, 1945.

"What is Life?" lecture to Dr. Cole's class, Animal Husbandry 110, October 31, 1945

Animal Husbandry Journal Club, November 21, 1945

"Metabolic Rate In Vivo and In Vitro, " seminar for the Society of Biochemistry and Physiology, Chicago, May 7, 1946.

"Use of Isotopes in Animal Nutrition," Animal Husbandry Graduate seminar, November 5, 1946.

Animal Husbandry Journal Club, January 15, 1947.

Papers on starvation (2 folders)

Use of Isotopes 1953 (2 folders)

"Metabolism The Fire of Life," Charter Day Research Lecture, March 21, 1945.

Biographical Sketch

"The Meaning of Ph.D." Plant Pathology Graduate Study Seminar, 1953.

BOX 18:

Workbook 1949-1950 (Lab Chemistry)

Workbook February 25, 1950-February 1951

Reprints 1950-1960 from the National Institute to research in Dairying, University of Reading, Britain.

Proceedings of the Symposium on Environmental Requirements for Laboratory Animals, KSU, Manhattan, Kansas, May 3-4, 1971

Symposium on Energy Balance (Proceedings). the American Journal of Clinical Nutrition, September 29, 1959, Augusta, Michigan.

Second Inter-American Symposium on the Peaceful Application of Nuclear Energy- Radioisotopes and Radiation in the Life Sciences, Buenos Aires, Argentina, 1959.

Oklahoma Conference-Radioisotopes in Agriculture, proceedings, Oklahoma State University, Stillwater, April 2-3, 1959.

Proceedings of the Conference on Nutrition in Space and Related Waste Problems, University of South Florida, Tampa, April 27-30, 1964.

Proceedings of the European Association for Animal Production, Warsaw, Poland, September 24, 1967.

Reports on Academic activity 1938-48

Agricultural Chemistry Graduate Group minutes, reports, etc. ca. 1938-48

Critiques of papers 1937-49

Reports on promotions 1947-51

"Metabolic Rate and Enzyme Concentration," Stanford University seminar, March 12, 1947.

Animal Husbandry Journal Club, May 14, 1947.

Animal Husbandry Journal Club, December 3, 1947.

Animal Husbandry Journal Club, October 7, 1947

Trip to Europe, Forum Club October 7, 1947.

Animal Husbandry Journal Club, November 3, 1948.

Animal Husbandry Graduate Seminar " Use of P³² in Study of Cow's Metabolism," March 4, 1948.

Seminar on Biological Tracers Animal Science Building, February 24, 1948

Seminar on Radioactive Tracers Spring 1948

Seminar on Physical Chemistry of Cells and Tissues January 19, 1948

"Calories, Vitamins and Isotopes," address before American Academy of Applied Nutrition, San Francisco, April 17, 1948.

"Isotopes as Tracers in Biochemical Research," Poultry Husbandry March 5, 1949

Animal Husbandry Journal Club, October 19, 1949

Project 1303

Ph.D. examinations 1949

Ph.D. examinations 1945

Ph.D. examinations up to 1938

Ph.D. examinations 1938, 1939, 1941

Ph.D. examinations 1943

Information for annual report 1929-30, 1930-31

Class notes, Robert H. Hudson January 23, 1948

"A Summary of Vitamin E Deficiencies," paper by Maurice E. Hamader, n.d. [ca. late 1940's].

"Nicotinic Acid: A Report on Its Function in Nutritional Deficiencies in Animals and in Men," paper by Manley Mandel, January 1949.

Class notes of H. Melendy for Animal Husbandry 120, January 23, 1948.

Reports and recommendations of colleagues.

"Separation of the constituents of Lactose," paper by Paul Abbott for Animal Husbandry 199, June 4, 1952.

Problems for 199 students

"Flemish, Polish Rabbit Feeding Experiment," paper by Alan Watson, Animal Husbandry 199, December 16, 1936

"Measurement of Heat Flow," paper by Haim Barki Animal Husbandry 199, January-May 1940

"A Study of the Different Methods of Evaluation Feeds," paper by Robert L. Squibb, Animal Husbandry 199, ca. 1938.

"The Insensible Loss in Body Weight of Cattle," paper by H. Morgan Animal Husbandry 199, 1945

"Comparison of the Feed Values of Fish Meal and Cottonseed Meal Based on the Utilization of Dry Matter, Protein, and Energy by Chick with a Reference Diet of Casein Glucose," by P.A. McGowan Animal Husbandry 199, 1939.

"Respiration of Liver Samples In Vitro," by Leonard M. Linde, Animal Husbandry 199, January 27, 1947.

"Effect of Low Energy Diet on Metabolism," by Russ Guernsey, Animal Husbandry 199, 1943

"Starvation Experiments on Rats," James H. Flint, Animal Husbandry 120, 1944.

"Closed-Space Respiration Apparatus for Dairy Cows" by Mel Edick, Animal Husbandry 199, n.d.

"Food as Fuel," talk before the War Institute in Home Economics, UCD, June 29, 1942

BOX 19:

"Conscience of an Agnostic," speech given at First Unitarian Church, August 18, 1963

"The Fire of Life," Michigan State University, East Lansing, Michigan, April 23, 1963

"World Food Problems," Michigan State University, East Lansing, Michigan, April 24, 1963

"Carbon Transfer from Precursors to Milk Components Use of C14 as a Tracer," University of Washington, Pullman, Washington, February 21-23, 1962.

"Atmospheric Testing" debate with Edward Teller, Davis, April 10, 1962.

"Endeavor," speech given at California Scholarship Federation, Vacaville High School, November 14, 1968.

"Are Scientists Responsible?" Davis Unitarian Fellowship, May 28, 1961.

"Freedom, Academic and Otherwise," given at Gamma Alpha Fraternity, Davis, February 24, 1961.

"Scientists are Human," speech at Science and Human Values Forum, UCD, April 20, 1961.

"The Conscience of an Agnostic," given for the Fresno Liberal Church, March 1960.

"What Education Means to Me," National Education Society, Davis, May 4, 1960.

"Philosophy of Research Urge, Search and Research," given for the US Airforce Reserve Unit, Sacramento, December 1, 1959.

"Efficiency of Energy Utilization in Farm Animals," Brook Lodge Symposium, Kalamazoo, Michigan, September 29, 1959.

"Food and Population," Farm and Home Conference, UCD, January 29, 1959.

"Science and Religion, Gamma Alpha Society, Davis, Spring 1958.

"What You Should Take With You," Last Lecture Series, Davis, March 20, 1958.

Law and Conscience, subject file, 1957

"Law and Conscience," Davis Unitarian Fellowship, Davis, November 24, 1957.

"How Sure is Science," Gamma Alpha, Graduate Student Club, Davis, November 30, 1956.

"What Science Means to Me," Sigma Xi initiations lecture, June 2, 1955, Davis.

"What Religion Means to a Scientist," Unitarian Church in Los Gatos and Davis, October 23 and November 27, 1955.

"Scientific Philosophy of Life," Carpenter and Wolmo Club, Davis, October 20, 1955.

"Biochemische Forschung in Zeitalter der Atomspaltung," Bern, Switzerland, Naturforschenden Gesellschaft, May 1954.

"Isotope als Neue Hilfsmittel in den Ernährungsforschung," Schweiz Ver. Ernährungsforschung, Bern, Switzerland, May 1954.

"Tagged Atoms in Nutritional Research," Fourth California Animal Industry Conference, Sacramento, November 15 and 16, 1951.

"Metabolism- The Fire of Life," Davis Charter Day, Sigma Xi Research Lecture, March 21, 1945.

Various Lectures on Use of Isotopes 1950-53

Publications of Max Kleiber and the Davis Tracer Team, 1932-68, No. 1 to 203.

BOX 20:

Nutrition 298 I Students

Recent papers ca. 1971-75

Fortran

Statistics

Animal Husbandry 120 1963-64 I

Animal Husbandry 120 1963-64 II

Energy Transformations in Animals, University of Alaska, Feb. 5-May 14, 1969 I

Energy Transformations in Animals, University of Alaska, Feb. 5-May 14, 1969 II

"Energy in Nutrition," Berkeley Seminar, October-December 1962

Lectures in Minnesota, March-June 1968

Joules vs. Calories in Nutrition

Daily body Weight of Max Kleiber

Manuscripts, data from Switzerland, 1927

"Regulation of Feed Intake," paper by D.T. Cappucci Jr., Paper for Vet Med 298, Spring 1966.

Vet Med Physiology Science 298, Spring 1966, Basic Concepts of Bioenergetics
"Studien über Futterbewertung und Futterwirkung" by M. in Switzerland
Publications 1963-69

BOX 21:

"Metabolic Rate of Mammary Gland Tissue in Vitro," Kleiber, Smith, and Levy submitted for
June 1943 issue of Society of Experimental Biology and Medicine.

Outlines of past lectures and reprints

Detections and Assay of Radioactivity Lecture 7 and 8, March 1955, AP 143

Course of Use of Isotopes in Biological Research 1951

SDA of Amino Acids, n.d.

BOX 22:

Biology Data Book 1971

Correspondence with UCD library 1973

Manuscript from Henry Swan, February 1970

"Some Special Features of the California Apparatus for Respiration Trials with Large
Animals," First Energy Conference, Copenhagen, September 15-19, 1958.

"Use of Isotopes in Research with Livestock," UC Extension, Berkeley, February 3, 1949.

Annual Progress report, AEC Contract at 11-1-34, Project No. 1, 1956

Pending correspondence 1957-59

Lactose data

Sigma Xi Meeting, Colorado State University, January 30, 1970

Subject file on aging, includes P.E. Dept. tests on lung capacity

AIN Committee on Nomenclature 1972

Kirvin Knox correspondence

J.J. Kaneko Recommendations

Miscellaneous visitors 1973

Retired physiology activities 1966-72

Colorado State University January 26-31, 1970.

Publications 1971-73

Lectures, teaching, travel 1971-73

Lectures 1956-64

Bibliography

Evaluation of food energy manuscript n.d.

Annual Review: Calorigenic effect of food (man) n.d.

Temperature regulation manuscript n.d.

American Society of Animal Production, special committee on the evaluation of fields 1939-1940

Reprints on food value 1951-62

"The Unit of Measuring Feed Energy," excerpts, data.

"Die energetische Beuteilung der Futtermittel" by Friedrich voen Gruningen, Zurich, 1933.

"Jahrbuch der Arbeitsgemeinschaft Fur Futterungsberatung" Drs. Columbus and Werner, 1957-58.

"Respiratory Exchange and Metabolic Rate," ca. June 1961, manuscript

Class handouts, 1934

Analog computer project for NIH, ca. 1961

Analog computer and tracer calculations 1951-52

"ABM Point of No Return?" Council for a Liveable World, 1967

"That Man in the White House," Frank Kingdon, 1944

"Stevenson Speeches," 1952

"Man's Fire of Life," speech given at Hogan Memorial Lecture, University of Missouri, Columbia, February 18, 1970.

BOX 23:

Photographs (early) ca. 1920's research project

Science general card file A-Q

Science general card file politics, philosophy, ethics, inc. A-Z.

Fire of Life reference cards- authors

Tapes:

- "Food and Population," speech at Farm and Home Conference, UCD, January 29, 1959.

Available online at: https://archive.org/details/cua_000019

- "How Sure is science," speech for Sigma Xi initiates, May 8, 1958.

- "Law and Conscience," Davis Unitarian Fellowship, Davis, May 1960.

- "Scientists are Human," Science and Human Values Lecture Series, UCD, April 20, 1961.

- "Endeavor" California Scholarship Federation Initiation Dinner Talk, Vacaville, November 14, 1961.

- I.F. Stones' talks at Teach-In in Berkeley, May 1965.

- The Investigator, Deborah Madison, February 3, 1960.

- "Science and Religion," speech at Gamma Alpha, UCD, Spring 1958.

- "Are Scientists Responsible?" Davis Unitarian Fellowship, May 29, 1961.

- "Conscience of an Agnostic" 2 tapes, n.d.

- "Fire of Life," March 19, 1963 (tape and cd). Available online:
http://digital.lib.ucdavis.edu/FoL/Fire_of_Life.mp3

- "Last Lecture: What You Should Take With You From Your University," speech to Blue Key and Prytanean, UCD, March 20, 1958. Available online at: https://archive.org/details/cua_000018

- "Freedom, Academic and Otherwise" Gamma Alpha, UCD, February 24, 1961.

BOX 24:

Davis Academic Senate minutes related to Vietnam War, Weapons Labs, etc. early 70's

Kleiber funeral service 1976

Miscellaneous reprints

Clippings, articles on political issues 1960's 3 folders

Clippings on radical fringe politics
Freedom, notes and articles
Davis Peace Group 1961
Notes on conscience, responsibility,, Unitarian Church, January 1964
Cuba 1960-61
Russia, esp. in US news
Communism
Endeavor and Thermonuclear War 1961
Lecture on "What You Should Take With You" and clippings about science and human values
Education, 2 folders
Clippings on atom bomb, population (2 folders)

BOX 25:

Clipping file with freedom theme (perhaps used in Preparation of speech "Freedom, Academic and Otherwise)
Clipping file, Watergate, R. Nixon
Program, minutes, notes from "Science Reshaping World Politics," conference at Pasadena, December 8-11, 1957
Oppenheimer-Teller
Responsibility and conscience
Cooperation USA and USSR
Bomb Testing debate, MK and E. Teller, April 10, 1962
Clippings, rebuttals used in E. Teller debate
Clippings, nuclear arms race, science and conscience, etc.
Vietnam, articles, clippings
Miscellaneous clippings on philosophical issues
Personal correspondence
Plans with isotopes 1947-1955

Research projects with graduate students

BOX 26:

Fifteenth Physiological Congress, Russia

"V, W" file, famous people in science

Clippings, re: faculty members, 1965

Travel 1937-39

"Computer Model of Thermoregulatory System of the Premature Infant," paper by J.E. Woods, given at Physiological Seminar, October 7, 1970

Reprints 1926-27 M. Duggeli, A. Frey-Wyssling, Edgar Crasesmnn, F. Zwicky

Miscellaneous announcements (awards, death notices, press releases) 1938-73

Personal correspondence A-Y

Reprints M. Duggeli 1929-1955

Reprints A. Frey-Wyssling 1929-1951

Reprints Pietro Bramante 1968

Personal interest files (clippings, reprints) ca. 1930-1965

Reprints Sven Oden 1930-32

Personal interest file "P" 1935-1971

Personal interest file "R" and "S" 1935-1971

George McGovern Campaign

Political issues 1970-73 (clippings) 2 folders

BOX 27:

Letters from Marta 1961-63

Letters from Marta 1946-52

Letters from Marta 1953-58

Letters from Marta 1959-60

Personal correspondence 1938-39, 2 folders
Personal correspondence 1940
Personal correspondence 1935
Personal correspondence 1942-43, 2 folders
Personal correspondence 1941
Personal correspondence before 1940
Personal correspondence 1947, 1948, 1949
Personal correspondence 1944, 1945, 1946
Business correspondence 1954, 2 folders
Business correspondence 1948

BOX 28:

Personal correspondence 1913-14
Personal correspondence 1974-75
Personal correspondence (80th birthday) January 4, 1973
Retirement 1973
Political topics 1972 (e.g. election of George McGovern)
Biographical material 1970
Personal correspondence 1974-75; information about lecture duties
Correspondence 1968
Trip to Europe 1969
Personal Correspondence 1950
Davis Tracer Team assistants Ruth Hochman 1949
U.S. Army 1943
Correspondence with Marta 1938-40
Personal correspondence 1940
Personal correspondence 1939-40
Correspondence with Marianna 1938-40

Personal correspondence 1938
Personal correspondence 1937 2 folders
Personal correspondence 1936
Personal and business correspondence 1935
International Physiology Congress, Russia, 1935 (diary, brochures, souvenirs)
Personal correspondence 1935
Personal correspondence 1931-34
Personal correspondence 1931
Personal correspondence 1929
Personal correspondence 1930
Personal correspondence 1931

BOX 29:

Travel material Switzerland, Germany, Denmark, Fall 1969
Correspondence Chicago, Illinois November 19-23, 1969
Alaska sabbatical Institute for Arctic Biology, 1969 photos, memorabilia
Trip to Europe, Fall 1969, transparencies for lectures
American Physiological Society meeting at Davis, August 25-30, 1969

BOX 30:

September 29, 1975 - December 15, 1975 Workbook and Journal
January 1975 - September 28, 1975 Workbook and Journal
May 1974 - December 1974 Workbook and Journal
Nov. 1971 - April 1972 Workbook and Journal
1968-1969 Workbook and Journal
June 1967 - January 1968 Workbook and Journal
September 1973 - April 1974 Workbook and Journal

February 1973 - September 1973 Workbook and Journal
September 1973 - February 1973 Workbook and Journal
April 1972- August 1972 Workbook and Journal
June - August 1966 Workbook and Journal
May 1943 - October 1943 Workbook and Journal
Bergmann warme-Okonomie der Thiere 1847
Miscellaneous reprints
Additions to Fire of Life, second edition
Travel file, Sixth Symposium on Energy Metabolism of the European Association for Animal
Production, Stuttgart, September 9-15, 1973
Fire of Life Revision, 1973-75 correspondence
E. Mach: Grundlinien der Lehre von den Beuegungsempfindungen, Leipzig, 1875
Travel File, Energy Conference, Warsaw, Sept. 17-24, 1967
"Further Consideration of the Relation between Metabolic Rate and Body Size," manuscript
for Warsaw Energy Conference Warsaw September 17- 24, 1967
Lectures is Hawaii 1962-63

BOX 31:

Personal Work of Max Kleiber 1932-1950 Vol. 1 Bound
Publications of Max Kleiber and His Coworkers 1951-57 vol. 2 bound
Publications of Max Kleiber and His Coworkers 1958-63 Vol. 3 Bound
The Fire of Life An Introduction of Animal Energetics Unbound
Ogien Zycia Zarys Bioenergetyki Zwierzat (Polish version of Fire of Life)
Reprints, Miscellaneous 1945-74

BOX 32:

Diary 1917-1918

Very miscellaneous letters, certificates, licenses, photographs 1910-1975 Biographical

BOX 33:

Daybooks (relating to scientific work at the University) and Diaries (personal) from 1916- 1965

BOX 34:

University of California In Memoriam, May 1977, Kleiber obituary, p. 145

Galley proof copy, The Fire of Life

Photo album "A Century of Progress," 1933 Chicago World's Fair

High School Yearbook, 1925, belonging to Margaret Maxwell Kleiber

Letters of Condolence, 1975-76, to Margaret Kleiber

Letters from organizations and UC re Klieber's death 1975-76

Personal correspondence 1962-74

Miscellaneous biographical material

"Science, Threat or Hope?" lecture at Colorado State University, Fory Collins, January 30, 1970

"Conductivity, Conductance and Transfer Constant of Animal Heat," Federation Meeting,
Atlantic City, April 1970

Christmas letters, Kleiber family 1941-73

"Energy Transformation in Man," speech given in Kansas City, February 1971

"Isotopes at Tracers," speech given in Kansas City, 1971

"Science, Threat or Hope for Mankind," speech given in Kansas City, February 1971

"Body Size and Energy Metabolism in Growth Hormone Rats," KSU, Manhattan, May 1971

"Measuring Nutrient Utilization of Farm Animals," Texas Christian University, Lubbock, March
1971

"Must We Let Them Starve?" Symposium on Energy Metabolism, Vitzman, Switzerland,
September 17, 1970

"Man's Fire of Life" Hogan Memorial Lecture, University of Missouri at Columbia, February

1970

"Social Responsibility of Scientists," Sigma Xi Meeting, Davis, November 1970 (2 folders)

Letters from Marta Rippman (Max's sister) 1964-76

Nutrition Emphasis Week, Columbia, Missouri, February 1970, memorabilia

"Nathan the Wise," reading for Bat Mitzvah dinner for Mangalite Matham, May 1971

"Environmental Temperature and Metabolic Rate," KSU, Manhattan, Kansas, May 4, 1971

"Is Famine in 1975 Unavoidable?" University of Wisconsin, Madison, December 1970

BOX 35 (Publications/Awards)

Book 1: Tagbuch J.Ch. Brodbeck (Max Kleiber's Uncle) – German 1948

Envelope 1: Award to Max Kleiber

Envelope 2: Award to Max Kleiber from the Soviet Union 1935

Envelope 3: Scroll with report written on it

Folder 1: Awards – Max Kleiber 1952

Folder 2: Awards – Max Kleiber 1937 and 1953

Folder 3: Math Books – Algebra and Trig (Swiss, German?) (n.d.)

Folder 4: Passports – Max Kleiber 1911-1967

Folder 5: Max Kleiber - Publications on Animal Energetics 1961, 1974

Folder 6: Collected (Other) Publications I 1913 –1954 (Swiss (German))

Folder 7: Collected (Other) Publications II 1922 – 1948 (Swiss (German))

Folder 8: Collected (Other) Publications III 1913 – 1927 (Swiss (German), English)

Folder 9: Collected (Other) Publications IV 1921 – 1928 (Swiss (German))

Folder 10: Publications of Hans Jenny 1925 – 1938 (German, English)

Folder 11: Letter from Adolf Renold (n.d.)

Folder 12: The San Francisco News – Aug. 18, 1937

Folder 13: Letter from M. Kleiber 1939

Folder 14: Original Letter – Wiegner 1933

Folder 15 – G. Wiegner Obituary 1936

Folder 16 – Lists of Publications of G. Wiegner - no date

Folder 17 – Publications of G. Wiegner I – 1919 – 1934
Folder 18 – Publications of G. Weigner II – 1921 – 1936
Folder 19 – Publications of G. Wiegner III – 1925 – 1936

BOX 36 (Correspondence/Papers)

Folder 1: Photos – Max Kleiber, Emma Lee Reid Maxwell (1932-n.d.)
Folder 2: Correspondence - Personal – V (1946)
Folder 3: Correspondence – Personal – IV (1948-53)
Folder 4: Correspondence – Personal – III (1946-58)
Folder 5: Correspondence – Personal – II (1958-63)
Folder 6: Correspondence – Personal – I (1963-71)
Folder 7: Margaret Kleiber – Diplomas and Awards (1925 – 1937)
Folder 8: Kleiber Correspondence – Business (1948-71)
Folder 9: Margaret Kleiber Correspondence (1941-69)
Folder 10: Max Kleiber – Papers I (1966 – 1969)
Folder 11: Max Kleiber – Papers II (1963 – 1972)
Folder 12: Max Kleiber – Papers III (1963 – 1966)
Folder 13: Max Kleiber – Papers IV (1961 – 1970)
Folder 14: Max Kleiber – Papers V (1969)
Folder 15: Max Kleiber – Papers VI (1917 –1967)
Folder 16: Max Kleiber – Trip to Europe (1938)
Folder 17: Max Kleiber – Odds and Ends; Books, Newspaper Clippings, Writings
(1931-66)
Folder 18: Max Kleiber – Overheads (n.d.)
Folder 19: Published, Literary, and Photographic Material (1941-48)
Folder 20: Photos and Ephemera (1936-40)
Folder 21: Photos and Cartographic Material (n.d.)
Folder 22: Photos and Graphic Material (1890's – 1978)
Folder 23: Photos – Kleiber Family (n.d.)

Folder 24: Photographic Material, Passport, Legal Documents (n.d.- 1981)

Folder 25: Correspondence (1935-41)

Folder 26: Correspondence – John Kleiber (1962)

Folder 27: Correspondence and Literary Productions (1941)

Folder 28: Literary Productions (1927-68)

Folder 29: Published Material and Correspondence (1931-41)

Folder 30: Photo Album and Correspondence (1913-14)

Folder 31: Photo Album (n.d.)

Folder 32: Literary Productions and Correspondence (1958-99)

Folder 33: Literary Productions (1961-63)

Box 37

Photocopies of the transcription of Kleiber's oral history, 1975

Reprint of Prefatory Chapter: An Old Professor Ruminates..., 1967

Photographs of Kleiber, 1907; 1919

Box 38-42

Lantern slides of Kleiber's lectures