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Collection Summary
Collection Title: William Zev Hassid Papers,
Date (inclusive): 1915-1974
Collection Number: BANC MSS 79/32 c
Creator: Hassid, William Zev, 1897-1974
Extent: Number of containers: 5 boxes and 2 oversize foldersLinear feet: 2.25
Repository: The Bancroft Library
Berkeley, California 94720-6000
Physical Location: For current information on the location of these materials, please consult the Library's online catalog.
Abstract: Letters written to Hassid and copies of letters by him; manuscripts of speeches and papers; and reprints of articles documenting his career as a professor in the College of Agriculture and the Department of Biochemistry at the University of California, Berkeley and his research on carbohydrate chemistry.
Languages Represented: English

Access
Collection is open for research.

Publication Rights
Guide to the William Zev Hassid
Papers, 1915-1974
BANC MSS 79/32 c

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Preferred Citation
[Identification of item], William Zev Hassid Papers, BANC MSS 79/32 c, The Bancroft Library, University of California, Berkeley.

Biography
William Zev Hassid was born on October 1, 1897 in Jaffa, Palestine to Mordecai and Esperanza (Hassid) Hassid. He attended secondary school in Palestine and during World War 1 was part of the First Judeans regiment of the British army. In 1920 he came to the United States, and attended the University of California, Berkeley receiving his A. B. in 1925, his M.S. in 1930 and his Ph.D. in 1934. He joined the staff of the University in 1927 serving successively as assistant in the Plant Nutrition Division, junior chemist and assistant at the Agricultural Experiment Station, until 1947 when he was appointed professor of plant nutrition and chemist and, in 1950, professor of biochemistry and biochemist. From 1965 until just before his death in 1974 he was professor emeritus and biochemist at the Agricultural Experiment Station.

His research included studies of structural carbohydrate chemistry, carbohydrate biochemistry of plants, and pioneering use of radioactive carbon tracers.

Scope and Content
The Hassid collection came to The Bancroft Library on October 4, 1978 as a gift of Professor Horace A. Barker. Consisting of one box of correspondence and four boxes of related materials, it includes letters addressed to Hassid; copies of letters written by him; MSS of speeches and papers; reprints; and personal materials. Photographs have been removed to the Library's Pictorial Collection. The Papers cover for the most part his research work in carbohydrate chemistry emphasizing his research on the chemistry of starch, the mechanism through which it is formed and broken down, with special emphasis on the conversion of starch to sugars and the formation of cellulose in plants. Only a small amount of published material concerns his biological research using radioactive carbon.

Box 1

Letters written to Hassid
Scope and Content Note
Include letters, mostly from colleagues, relating to his research in carbohydrate chemistry, especially his research on the chemistry of starch and the mechanisms through which it is formed and broken down; publications; professional activities; and personal matters. Arranged alphabetically. A partial list of correspondents follows the Key to Arrangement. Unlisted letters are arranged alphabetically in miscellanies preceding each letter of the alphabet. Unidentified letters are at the end.

Letters written by Hassid, 1940-76
Scope and Content Note
Primarily carbon copies with occasional drafts. No letters for the years 1949, 1958 and 1969. Arranged chronologically, with undated letters at the end.

Box 2

MSS of his speeches, arranged chronologically
Acceptance of Sugar Research Award, 1945
Transformation of Sugars in Plants, Spring 1953
For American Chemical Society meeting, September 1953
Re Berkeley Chapter, Friends of the Hebrew University, 1955
Metabolism of Carbohydrates in Plants, October and November 1955
Sugar Nucleotides in the Biosynthesis of Oligo- and Polysaccharides, April 13-17, 1958
One Step Xylan Transfer, November 1958
Sugar Nucleotides in the Interconversion of Carbohydrates in Higher Plants, April 1959
Glucuronic Acid Kinase in Phaseolus aureus seedlings (Abstract) with D. S. Feingold and E. F. Neufeld, April 1959
Role of Sugar Nucleotides in the Interconversion of Carbohydrates in Plants, ca. 1959
Biosynthesis of Polysaccharides, March 1961
Biosynthesis of Polysaccharides from Sugar Nucleotides, March, 1961
The Role of Sugar Nucleotides and the Biosynthesis of Complex Sugars, 1962
Sugar Nucleotide Pathways in Higher Plants, 1962
Biosynthesis of Polysaccharides, February 21, 1963
Transformation of Carbohydrates in Plants, April 1961
Biosynthesis of Polysaccharides from Sugar Nucleotides, September 1961
Biosynthesis of Cellulose, September 1965
Biosynthesis of Cellulose, 1965
Synthesis of Cellulose, 1965
Biosynthesis of Cell-Wall Polysaccharides, December 8, 1966 (UCLA)
Biosynthesis of Cell-Wall Polysaccharides, ca. 1966 (San Antonio, Texas)
Biosynthesis of Cell-Wall Polysaccharides, ca. 1966
Enzymatic Formation of Cell Wall Polysaccharides of Higher Plants, Sept. 13, 1967
Biosynthesis of Polysaccharides from Sugar Nucleotides in Plants, November 1971
β Linkage Formation in Complex Saccharides, n.d.
Biosynthesis of Cell-Wall Polysaccharides, n.d.
Biosynthesis of Lactose, n.d.
Biosynthesis of Lactose with a Soluble Bovine Milk Transferase, n.d.
The Cell Wall, n.d.
Control of the Synthesis and Growth of the Cell Wall, n.d.
Enzymatic Formation of Uridine Diphosphate Glucuronic Acid and Uridine
Diphosphate Galacturonic Acid in Mung Bean Seedlings, n.d.
Enzymatic Synthesis of Sugars, n.d.
For Corn Industries Research Foundation, Estes Park, n.d.
Introduction for Dr. Carl Cori, n.d.
Introduction of Dr. Koshland, n.d.
Lecture notes, n.d.
Metabolism of D-xylose and L-arabinose in wheat plants, n.d
Phosphorylation of D-Galacturonic Acid by Extracts from Germinating Seeds of
Phaseolus aureus (Abstract) with E. F. Neufeld, D. S. Feingold, G. A. Kessler and S.
M. Ilves, n.d.
Phosphorylation of L-Arabinose and D-Galactose by Mitochondrial Preparations from
Phaseolus aureus Seedlings, n.d.
The Role of Nucleotide Diphosphate Sugars in the Biosynthesis of Complex Sugars,
n.d.
The Role of Sugar Nucleotides in Carbohydrate Metabolism with D. S. Feingold and E.
F. Neufeld, n.d.
The Role of Sugar Nucleotides in Carbohydrate Metabolism, n.d.
The Role of Sugar Phosphate in Biosynthesis of Complex Saccharides, n.d.
Sugar Conformations, n.d.
Sugar Nucleotides in Carbohydrate Metabolism of Plants, n.d.
Synthesis of sucrose with Pea preparations, n.d.
Transformation of monosaccharides, n.d.
Untitled

Box 3

MSS of his papers, arranged chronologically...

The Study of the Structure of the Four Isomers of Galactose Pentacetate, ca. 1930
The Isolation of a Sodium Sulfuric Acid Ester of Galactan from Irideae Laminarioides
(Rhodophyceae), 1933
A Study of the Carbohydrates in the Plant Irideae laminarioides with Particular
Reference to Galactan, 1934
Review: Die neuere Entwicklung der Kolloidchemie der Starke, by M. Samec and M.
Blinc, 1941
Review: Cellulose Chemistry, by Mark Plunguian, 1943
Review: Advances in Carbohydrate Chemistry, volumes II-IV, VII-XI and XIII-XV,
1946-1960
Review: Radioactive Tracers in Biology, by M. Kamen, 1947
Review: Chemistry of the Carbohydrates, by William Ward Pigman and Rudolph Maximilian Goepp, Jr., 1948
Review: Isotopic Carbon, Techniques in Measurement and Chemical Manipulation, by Melvin Calvin, Charles Heidelberger, James C. Reid, Bert M. Tolbert and Peter E. Yankwich, 1949
Review: Pathologie des Kohlenhydratstoffwechsels, by Prof. Dr. E. Frank, 1949
Review: Chemistry and Industry of Starch, edited by R. W. Kerr, 1950
Starch, ca. 1950
Review: Polysaccharide Chemistry, by Roy Whistler and Charles L. Smart, 1953
Review: Methods in Medical Research, vol. 6, edited by J. Murry Steel, 1954
Review: Dextran and Its Use in Colloidal Solutions, by Andrea Gronwall, 1957
Preparation of UDP-D-Xylose and UDP-L-Arabinose with D. S. Feingold and E. F. Neufeld, ca. 1959
Hermann Otto Laurenz Fischer, 1888-1960, obituary, with C. E. Ballou and Wendell M. Stanley, April 1961
Biosynthesis of Cellulose, 1965
The Incorporation of Glucose14-C into Alkali-Insoluble Polymer (Cellulose) from Guanosine- and Uridine Diphosphate by Phaseolus aureus Particles, with R. W. Bailey, ca. 1966
Biosynthesis of Sugars and Polysaccharides, ca. 1967
Occurrence of a Uridine Diphosphate D-Glucose Alcohol β-Glucosyl transferase in Phaseolus aureus, ca. 1970
The Role of Sugar Phosphate in Biosynthesis of Complex Saccharides, ca. 1971
Biosynthesis of Polysaccharides from Sugar Nucleotides in Plants, 1972
One Step Purification of D-galactose and L-arabinose Kinases from Phaseolus aureus Seedlings by ATP-Sepharose Affinity Chromatography, with Pak Hoo Chan, March 29, 1974
Partial Purification and Properties of a β-D-Glucosyl transferase Occurring in Germinating Phaseolus aureus Seeds, with David L. Storm, 1974
Contribution to the Knowledge of the Mechanism of Cellulose and Callose Synthesis (Abstract), n.d.
Enzymatic Conversion of Uridine Diphosphate D-Glucuronic Acid to Uridine Diphosphate Galacturonic Acid, Uridine Diphosphate Pentose and Xylose Polysaccharide, with D. S. Feingold and E. F. Neufeld (Abstract), Nov. 1958
Metabolism of D-Glucuronic Acid and D-Galacturonic Acid by Phaseolus aureus Seedlings (Abstract), n.d.
Reprints
Occurrence of Dulcitol in Irideae Laminarioides (Rhodophyceae), 1933
The Structure of Sodium Sulfuric Acid Ester of Galactan from Irideae Laminarioides (Rhodophyceae), 1935
Determination of Reducing Sugars and Sucrose in Plant Materials, March 15, 1936
Carbohydrates in Irideae Laminarioides (Rhodophyceae), 1936
Comparison of the Total Nitrogen in Wheat Seeds by the Gunning (Modified Kjeldahl) and the Dumas Combustion Methods, 1936
The Isolation of a New Polysaccharide Synthesized by a Soil Microorganism, with W. L. Chandler, January 1937
Determination of Sugars in Plants, by Oxidation with Ferricyanide and Ceric Sulfate Titration, May 15, 1937
The Molecular Structure of Canna Starch, with W. H. Dore, 1937
The Molecular Structure of Liver Glycogen of the Dog, with I. L. Chaikoff, May 1938
Isolation of a Hexosemonophosphate from Pea Leaves, 1938
Photosynthesis with Radio-Carbon, December 15, 1939
Radioactive Carbon in the Study of Photosynthesis, with M. D. Kamen and S. Ruben, 1939
A Water-Soluble Glucosan from Barley Roots, 1939
Determination of Starch in Plants, with R. M. McCready and R. S. Rosenfels, March 15, 1940
Radioactive Nitrogen in the Study of N 2 Fixation by Non-Leguminous Plants, with S. Ruben and M. D. Kamen, June 14, 1940
The Structure of Dextran Synthesized from Sucrose by Betacoccus Arabinosaceus, Orla-Jensen, with H. A. Barker, June 1940
Photosynthesis with Radioactive Carbon. II. Chemical Properties of the Intermediates, with S. Ruben and M. D. Kamen, 1940
The Molecular Constitution of Glycogen and Starch from the Seed of Sweet Corn (Zea Mays), with R. M. McCready, 1941
The Molecular Constitution of an Insoluble Polysaccharide from Yeast, Saccharomyces cerevisiae, with R. M. McCready, 1941
Transformation of Sugars in Excised Barley Shoots, with R. M. McCready, 1941
The Molecular Constitution of Enzymatically Synthesized Starch, with R. M. McCready, 1941
Recent Work on the Structure of Plant Polysaccharides, May 1942
Semimicrodetermination of Carbon, Using the Van Slyke-Foch Oxidation Mixture, with R. M. McCready, June 15, 1942
Identification of Sugars, by Microscopic Appearance of Crystalline Osazones, with R. M. McCready, August 15, 1942
Phosphorolysis and Synthesis of Sucrose with a Bacterial Preparation, with M. Doudoroff and N. Kaplan, April 1943
An Immunologically Active Polysaccharide Produced by Coccidioides Immitis Rixford and Gilchrist, with E. E. Baker and R. M. McCready, August 1943
The Molecular Constitution of Amylose and Amulopectin of Potato Starch, with R. M. McCready, 1943
Review: Annual Review of Biochemistry, edited by James Murray Luck and James H. C. Smith, 1943 and 1944
Synthesis of Two New Carbohydrates with Bacterial Phosphorylase, with H. A. Barker and M. Doudoroff, October 6, 1944
Review: Annual Review of Biochemistry, edited by James Murray Luck and James H. C. Smith, 1945
Review: The Chemistry of the Polysaccharides, by Robert J. McAlroy, 1948
Synthesis of Disaccharides with Pea Preparations, with R. C. Bean, 1955
The Structure of D-Glucosyl-D-xylose Synthesized by Maltose Phosphorylase, with E. W. Putnam and Charlotte Fitting Litt, 1955
Carbohydrate Oxidase from a Red alga Iridophycus Flaccidum, with R. C. Bean, January 1956
Enzymatic Synthesis of Uridine Diphosphate Xylose and Uridine Diphosphate Arabinose, with V. Ginsburg and E. F. Neufeld, June 1956
Enzymatic Oxidation of Glucose to Glucosone in Red Alga, with R. C. Bean, July 27, 1956
Pentose Metabolism in Wheat Seedlings, with V. Ginsburg, November 1956
The Isolation of Uridine Diphosphate Derivatives of D-Glucose, D-Galactose, D-Xylose and L-Arabinose from Mung Bean Seedlings, with V. Ginsburg and P. K. Stumpf, December 1956
Hydrolysis of Amylose by β-Amylase and Z Enzyme, with E. F. Neufeld, December 1955
Metabolism of Galactose in Canna Leaves and Wheat Seedlings with E. W. Putnam and V. Ginsburg, 1956
Formation and Interconversion of Sugar Nucleotides by Plant Extracts, with E. F. Neufeld, V. Ginsburg, E. W. Putnam and D. Fanshier, June 1957
Isolation of Uridine Diphosphate N-Acetylglucosamine and Uridine Diphosphate Glucuronic Acid from Mung Bean Seedlings, with J. Solms, September 1957
Anomeric 1-Dicyclohexylammonium Phosphate Esters of D-Glucopyranose, D-Xylopyranose and L-Arabinopyranose, with E. W. Putnam, 1957
Uridine Diphosphate N-Acetylglucosamine and Uridine Diphosphate Glucuronic Acid in Mung Bean Seedlings, with J. Solms and D. S. Feingold, 1957
Synthesis of a β-l, 3-Linked Glucan by Extracts of Phaseolus aureus Seedlings, with D. S. Feingold and E. F. Neufeld, October 1958
Enzymic Synthesis of Uridine Diphosphate Glucuronic Acid and Uridine Diphosphate Galacturonic Acid with Extracts from Phaseolus aureus Seedlings, with D. S. Feingold and E. F. Neufeld
Enzymatic Conversion of Uridine Diphosphate D-Glucuronic Acid to Uridine Diphosphate Galacturonic Acid, Uridine Diphosphate Xylose and Uridine Diphosphate Arabinose, with E. F. Neufeld and D. S. Feingold, 1958
Sugar Nucleotides in the Interconversion of Carbohydrates in Higher Plants, with E. F. Neufeld and D. S. Feingold, July 1959
Enzymic Phosphorylation of D-Glucuronic Acid by Extracts from Seedlings of Phaseolus aureus, with Elizabeth F. Neufeld and David S. Feingold, July 1959
Xylosyl Transfer Catalyzed by an Asparagus Extract, with David S. Feingold and Elizabeth F. Neufeld, 1959
The 4-Epimerization and Decarboxylation of Uridine Diphosphate D-Glucuronic Acid by Extracts from Phaseolus aureus Seedlings, with D. S. Feingold and E. F. Neufeld, April 1960
Utilization of Exogenous Sugars for Biosynthesis of Carbohydrates in Germinating Pollen, with Gian Kessler and David S. Feingold, July 1960
Phosphorylation of D-Galactose and L-Arabinose by Extracts from Phaseolus aureus Seedlings, with E. F. Neufeld and D. S. Feingold, April 1960
Introduction to the Eighth Session on Transglycosylations, 1960
Monosaccharide, 1960
Carbohydrate, 1960
Metabolism of D-Glucaronic Acid and D-Galacturonic Acid by Phaseolus aureus Seedlings, with Gian Kessler, E. F. Neufeld and D. S. Feingold, February 1961
Phosphorylation of D-Galacturonic Acid by Extracts from Germinating seeds of Phaseolus aureus, with E. F. Neufeld, D. S. Feingold, Sirje M. Ilves and Gian Kessler, December 1961
Glycosidic Bond Exchange (Survey), with E. F. Neufeld, 1961
The Biosynthesis of Polysaccharides from Nucleoside Diphosphate Sugars, ca. 1961
The Synthesis by Particulate Enzyme Preparations from Guinea Pig and Bovine Mammary Glands, with Winifred M. Watkins, May 1962
Carbohydrates and Nucleotides in the Red Alga Porphyra perforata, I. Isolation and Identification of Carbohydrates, with Jong-Ching Su, 1962
Carbohydrates and Nucleotides in the Red Alga Porphyra perforata, II. Separation and Identification of Nucleotides, with Jong-Ching Su, 1962
Biosynthesis of Sucrose with Sugar Cane Leaf Preparations, with Rosalia B. Frydman, July 27, 1963
In Vivo Oxidation of L-Rhamnose and L-Glucose by Higher Plants, with G. A. Barber, 1963
Biosynthesis of Saccharides from Glycopyranosyl Esters of Nucleotides (Sugar Nucleotides), with Elizabeth F. Neufeld, 1963
Thymidine diphosphate D-galactose pyrophosphorylase of Phaseolus aureus, with Rosalia B. Frydman and Elizabeth F. Neufeld, 1963
Synthesis of 4-Keto-Sugar Phosphates, ca. 1963
Isolation of Guanosine Diphosphate D-Mannuronic Acid from the Marine Brown Alga, Fucus gardneri Silva, with TsauYen Lin, March 1964
A Soluble Lactose-synthesizing Enzyme from Bovine Milk, with Helene Babad, March 1964
The Synthesis of Cellulose by Enzyme Systems from Higher Plants, with George A. Barber and A. D. Elbein, December 1964
Modern Methods of Plant Analysis (Enzymes of Carbohydrate Synthesis), with D. S. Feingold and E. F. Neufeld, 1964
Synthesis of Cellulose by an Enzyme System from a Higher Plant, with G. A. Barber and A. D. Elbein, 1964
The formation of guanosine diphosphate D-glucose by enzymes of higher plants, with G. A. Barber, 1964
The Synthesis of Cellulose by an Enzyme System from a Higher Plant, with A. D. Elbein and G. A. Barber, 1964
Carbohydrates, 1964
The Enzymatic Synthesis of a (β-I, 2-) Linked Glucan by an Extract of Rhizobium Japonicum, with R. A. Dedonder, 1964
Enzymes of Carbohydrate Synthesis, with D. S. Feingold and E. F. Neufeld, 1964
Properties of Uridine Diphosphate D-Glucuronic Acid Decarboxylase from Wheat Germ, with Ester G. Castanera, June 1965
Synthesis of Cellulose by Enzyme Preparations from the Developing Cotton Boll, with G. A. Barber, July 17, 1965
Biosynthesis of Sucrose Phosphate with Sugar Cane Leaf Chloroplasts, with S. Haq, July 1965
Biosynthesis of the Polygalacturonic Acid Chain of Pectin by a Particulate Enzyme Preparation from Phaseolus aureus Seedlings, with C. L. Villemez and Tsau-Yen Lin, October 11, 1965
Biosynthese von Cellulose, November 1, 1965
Biosynthesis of Raffinose, with J. B. Pridham, November 1965
The Enzymatic Synthesis of a Glucomannan, with Alan D. Elbein, April 1, 1966
Soluble Uridine Diphosphate D-Galactose: D-Glucose β-4-D-Galactosyltransferase from Bovine Milk, with Helene Babad, June 10, 1966
A Preliminary Study on the Biosynthesis of Hemmicelluloses, with J. B. Pridham, June 17, 1966
Isolation of Guanosine Diphosphate Uronic Acids from a Marine Brown Alga, Fucus gardneri Silva, with Tsau-Yen Lin, July 25, 1966
Properties of a Polygalacturonic Acid-Synthesizing Enzyme System from Phaseolus aureus Seedlings, with C. L. Villemez and A. L. Swanson, September 1966
Xylan Synthesis from Uridine-Diphosphate-D-Xylose by Particulate Preparations from Immature Corncobs, with R. W. Bailey, November 1966
Some Aspects of Sugar Nucleotide Metabolism, 1966
Biosynthesis of the 4-O-Methyl-D-glucoronic Acid Unit of Hemicellulose B by Transmethylation from S-Adenosyl-L-methionine, with H. Kauss, April 25, 1967
Carbohydrate Composition of Particulate Preparations from Mung Bean (Phaseolus aureus) Shoots, with R. W. Bailey and S. Haq, 1967
Biosynthesis of Digitoxose and Glucose in the Purpurea Glycosides of Digitalis Purpurea, with G. Franz, 1967
Transformation of Sugars in Plants, 1967
Biosynthesis of Complex Saccharides, 1967
Enzymic Introduction of the Methyl Ester Groups of Pectin, with H. Kauss, 1967
Biosynthesis of Alkali Insoluble Polysaccharide from UDP-D-Glucose with Particulate Enzyme Preparations from Phaseolus aureus, with C. L. Villmez and G. Franz, 1967
Biosynthesis of the Methyl Ester Groups of Pectin by Transmethylation from S-Adenosyl-L-Methionine, with H. Kauss and A. L. Swanson, 1967
Transformation of Sugars in Plants, 1967
Biosynthesis of Insoluble Glucans from Uridine-Diphosphate-D-Glucose with Enzyme Preparations from Phaseolus aureus, with H. M. Flowers, K. K. Batra and Jennifer Kemp, 1968
Encyclopedia of Science and Technology, articles, 1968
Biosynthesis of Oligosaccharides and Polysaccharides in Plants, 1969
Determination of Linkages in β-D-Glucans from Phaseolus aureus by exo-β-(1->3)-D-Glucanase, with K. K. Batra, 1969
Biosynthesis of Cellulose in Vitro from Guanosine Diphosphate D-Glucose with Enzymic Preparations from Phaseolus aureus and Lupinus albus, with Harold M. Flowers, K. K. Batra and Jennifer Kemp, 1969
Arnold Kent Balls, 1891-1966, A Biographical Memoir, 1970
Inulin in Guayule, Parthenium argentatum Gray, with W. L. McRary, W. H. Dore and R. M. McCready, 1970
Determination of Linkages of β-D-Glucans from Lupinus albus and Avena sativa by exo-β-(1->3)-D-Glucanase, with K. K. Batra, 1970
Solubilization and Partial Purification of Cellulose Synthetase from Phaseolus aureus, with Tin-Yin Liu, 1970
Solubilization and Separation of Uridine Diphospho-D-glucose: β- (1->4) Glucan and Uridine Diphospho-D-glucose: β-(1->3) Glucan Glucosyl transferases from Coleoptiles of Avena sativa, with C. M. Tsai, 1971
Partial Purification and Properties of L-Glutamine D-Fructose 6-Phosphate Amidotransferase from Phaseolus aureus, with Mahmood Vessal, 1972
The Role of a D-Mannosyl-Lipid as an Intermediate in the Synthesis of Polysaccharide in Phaseolus aureus Seedlings with David L. Storm, 1972
The Role of Sugar Phosphate in the Biosynthesis of Complex Saccharides, 1973
Enzymatic Glucosylation of Dithiothreitol by Uridine Diphosphate D-Glucose and Particulate Preparations From Germinating Seeds of Phaseolus aureus and Pisum sativum, with David L. Storm and Rudolph C. Buri, 1973
Partial Purification and Properties of D-Glucosamine 6-Phosphate N-Acetyltransferase from Phaseolus aureus, with Mahmood Vessal, 1973
Substrate Activation of β (1->3) Glucan Synthetase and Its Effect on the Structure of β-Glucan Obtained from UDP-D-glucose and Particulate Enzyme of Oat Coleoptiles, with C. M. Tsai, 1973
The Role of Sugar Phosphate in the Biosynthesis of Complex Saccharides, 1973
Biosynthesis of Complex Saccharides, n.d.
Oligosaccharides, with C. E. Ballou, n.d.
Enzymatic Synthesis (Including Brief Review of Formation in Photosynthesis) and Interconversion of the Monosaccharides, n.d.
The Synthesis and Transformation of the Oligosaccharides in Plants, Including their Hydrolysis, n.d.
The Biosynthesis of Polysaccharides, n.d.

**Personalia**

Awards and diplomas

**Biographical materials**

Guggenheim Foundation applications, 1944-62

**Memorabilia**

Miscellaneous

**News clippings about Hassid's work**

Personal

**Progress reports**

Reports and applications for sabbatical leaves

Research proposals

School reports

Daddiley, James, 1918-

Letter, May 19, 1966

Balls, Arnold Kent, 1891-1966

2 letters, 1954-55.

**Additional Note**

Included also, letter from Mrs. A. K. Balls, n.d.

Barker, Horace Albert, 1907-

10 letters, 1974-75 and n.d., addressed to Rivka Ashbel, Pak-hoo Chan, Alvin Nason and others.

**Additional Note**

Included also: letters to Barker from Rivka Ashbel and Pak-hoo Chan.

Brown, David Henry, 1921-

Letter, November 23, 1957

California. University. Regents

27 letters, 1936-58.

**Additional Note**

Some from Robert M. Underhill.

California. University, Berkeley

5 letters, 1937-43

Cohen, Harry, 1916-

Letter, March 8, 1956

Consolazio, William Venerando, 1910-

Letter, April 22, 1955

Constance, Lincoln, 1909-

Letter, May 24, 1965

Cooil, Bruce James, 1914-

Letter, January 13, 1959

Cori, Carl Ferdinand, 1896-

17 letters, 1945-64

See also Cori, Gerty T. R.

Cori, Gerty Theresa Radnitz, 1920-1957

44 letters, 1942-56.

**Additional Note**

Including one written jointly with Carl F. Cori.

Cotton, Robert Henry, 1914-

Letter, December 29, 1960

Davis, Watson, 1896-1967

Letter, June 24, 1946
Deutsch, Monroe Emanuel, 1879-1955
Letter, January 10, 1947

Edsall, John Tileston, 1902-
Additional Note
No incoming letters; copy of a letter, February 5, 1962, addressed to him in Hassid's outgoing letters.

Fudenberg, H. Hugh, 1928-
Additional Note

Ganguli, Nripendra Chandra, 1927-
Additional Note
No incoming letters; copy of a letter, Apr. 20, 1959, addressed to him in Hassid's outgoing letters.

Gehman, Harry, 1905-
Memo, n.d., addressed to him from Ralph Kerr.

Goodwin, John Thomas, 1914-
Additional Note
No incoming letters; copy of a letter, July 8, 1960, addressed to him in Hassid's outgoing letters.

Gordy, Edward Lee, 1904-
Letter, November 10, 1947

Hassid, Lila Berlin Fenigston, 1896-1971 [Mrs. William Zev Hassid]
Additional Note
Included also certificates of naturalization, death, and poetry translations.

Horecker, Bernard Leonard, 1914-
Letter, Aug. 25, 1966

Hudson, Claude Silbert, 1881-1952
11 letters, 1946-50.
Additional Note
Included also, letter addressed to him from Walter H. Dore.

Card, Feb. 5, 1951.

Karnovsky, Manfred, 1918-
Letter, May 10, 1962

Kennedy, Norman Fullerton, 1896-
7 letters, 1941-55, addressed to Hassid and Howard K. Schachman.
See also Schachman, Howard K.

Kerr, Clark, 1911-
Additional Note
Copy of a letter, May 7, 1957, to him and H. R. Wellman from Barker and others in Horace A. Barker correspondence.

Kornberg, Arthur, 1918-
Letter, n.d.

Koshland, Daniel Edward, 1892-
Letter, Feb. 27, 1974

Lardy, Henry Arnold, 1917-
Partial List of Correspondents

Letter, March 22, 1961
Link, Karl Paul, 1901-
  3 letters, 1944-54.

  Additional Note
  One addressed to Henry Allen Moe.
  See also More, Henry Allen

Lipmann, Fritz Albert, 1899-
  Letter, n.d.
Luck, James Murray, 1899-
  Letter, Dec. 8, 1958
Moe, Henry Allen, 1894-
  6 letters, 1943-63.

  Additional Note
  One addressed to Karl Paul Link.
  See also Link, Karl P.

Moore, Stanford, 1913-
  2 letters, 1971 and 1972
Nachmansohn, David, 1899-
  No incoming letters; copy of a letter, Feb. 22, 1972, addressed to him in Hassid's outgoing letters.
Nason, Alvin, 1919-
  Letter, June 26, 1974, addressed to him from Pak Hoo Chan.
  See also Barker, Horace A.
Neufeld, Elizabeth Fondal, 1928-
  Letter, Feb. 12, 1973
Osman, Elizabeth Mary, 1915-
  2 letters, 1967
Schachman, Howard Kapnek, 1918-
  See also Kennedy, Norman F.
Stowe, Bruce Bernot, 1927-
  Letter, Aug. 31, 1964
Stumpf, Paul Karl, 1919-
  Additional Note
  No incoming letters; copy of letter, May 7, 1957, to Clark Kerr and H. R. Wellman from him, Hassid and Barker in Horace A. Barker correspondence.
  See also copy of a letter, Nov. 23, 1960, in Hassid's outgoing letters.

Sumner, James Batcheller, 1887-1955
  Letter, March 14, 1949
Swanson, Marjorie Angelea, 1919-
  Letter, June 25, 1946
Tchen, Tche Tsing, 1924-
  Additional Note
  No incoming letters; copy of letter, Nov. 17, 1967 addressed to him in Hassid's outgoing letters.

Underhill, Robert Mackenzie, 1893-
  See California. University. Regents
Welch, Arnold De Merritt, 1908-
  2 letters, 1956
Wellman, Harry Richard, 1899-
Additional Note
No incoming letters; copy of a letter, May 7, 1957, to him and Clark Kerr from Barker and others in Horace A. Barker correspondence.

Whistler, Roy Lester, 1912-
2 letters, 1967 and 1972

Wolfle, Dael Lee, 1906-
Letter, Dec. 3, 1965