



University of Wyoming-
American Heritage Center

Guide to the

Inez & Walter Lowdermilk
Collection

Accession # 3049

June 9, 1969

INEZ AND WALTER LOWDERMILK COLLECTION

RECEIPT for gift of Dr. and Mrs. Walter C. Lowdermilk:

BOOKS:

Catalog
Hebard THE FOUNDATIONS OF CONSERVATION EDUCATION, edited by Henry B. Ward.
Includes "Conservation Of Soil As A Natural Resource" by
W.C. Lowdermilk, pages 13-36.

Box 4 PALESTINE, LAND OF PROMISE, by Walter Clay Lowdermilk; Harper &
Brothers Publishers, 1944. In twelve or more editions; this is
a later edition with the Jordan Engineering features added.
This book was also published in England and in France, and in
Spanish, Portuguese, Yiddish, and Hebrew.

Catalog
Hebard THE REPORT OF THE PRESIDENT'S WATER RESOURCES POLICY COMMISSION,
three (3) volumes. A WATER POLICY FOR THE AMERICAN PEOPLE;
Volume I; TEN RIVERS IN AMERICA'S FUTURE, Volume II; WATER
RESOURCES LAW, Volume III. United States Government Printing
Office, Washington; 1950. On this year-long project, Walter C.
Lowdermilk was the Chairman of the Basic Data Committee which
gathered together the material for these large volumes.

Box 5 SHORT EXPOSURE PHOTOGRAPHS OF WATER-DROPS STRIKING SOIL, arranged
and edited by J. Otis Laws. A large picture book of studies of
the dynamics of the raindrop; done under the direction of
Lowdermilk when he was chief of research of the Soil Conservation
Service.

MAGAZINES: (all articles listed are written by W.C. Lowdermilk)

THE AMERICAN ENGINEER

February-March, 1940. "Soil Erosion And Flood Control",
Part I, pages 17-18.

April-May, 1940. "Soil Erosion And Flood Control", Part II,
Pages 18-21.

AMERICAN FORESTS

August 1927. "Torrent And Erosion Control In Japan", pages 474-479.
August 1939. "Footprints Of Roman Agriculture", pages 407-409,
428-429.

MAGAZINES: continued

AMERICAN FORESTS (continued)

- February 1940. "Holland Builds A Masterpiece Of Land Reclamation," pages 60-62, 78, 91-92.
January 1940. "The Cedars Of Lebanon--Then And Now", pages 16-20, 34.
August 1941. "Written In The Syrian Desert", pages 358-363, 386.
November 1943. "Living Waters For The Ages", pages 530-533, 546, 556-557. The Li Bing Irrigation in China.

CIVIL ENGINEERING

- September 1938. "Use Of Aerial Mapping In Soil Conservation", pages 605-607. By Lowdermilk when chief of research in the Soil Conservation Service.

FOREST AND OUTDOORS

- April 1932. "A Forester Looks At China", pages 120-123, 126.
March 1941. "The Hidden Story Of Broken Empires", pages 68-70, 84.
August 1944. "Wasted Empires", pages 139-190.
November 1944. "The Hundred Dead Cities Of Syria", pages 273-274, 284.
March 1945. "Erosion--Blight Of All 'Promised Lands'", page 71.
January 1947. "Vanished Glory Of A Hundred Cities", pages 15-16.

THE LAND

- Autumn 1945. "Other Lands--African Wildlife", pages 405-407.
Autumn 1949. "Other Lands--Travel Notes From 'The Hot House'", pages 370-380.
Spring 1950. "Down Under To Swaziland", pages 119-122.
Spring 1953. "Foreign Correspondence--Aaronsohn's Wild Wheat", pages 82-86.
Summer 1953. "Foreign Correspondence--The Waters Of Jordan", pages 206-212.

THE MENNONITE COMMUNITY

- March 1948. "The Eleventh Commandment", page 4; "Palestine, Land Of Promise", a book review of this book by Lowdermilk, pages 22-23.

THE NATIONAL GEOGRAPHIC

- June 1945. "China Fights Erosion With U.S. Aid", pages 641-679, two (2) copies. Leading article with many pictures.

THE SCIENTIFIC MONTHLY

- July 1935. "Accelerated Erosion: Its Effects On Soil And Water Resources", pages 19-28.
September 1942. "Ancient Irrigation In China Brought Up To Date", pages 209-225.

SOIL CONSERVATION

- September 1937. "Ecological Principles", pages 54, 59.
October 1939. "Strip Cropping By Inheritance In France", pages 85-86.
November 1939. "Fish Ponds And Fields In Rotation", pages 123-126.
December 1939. "Erosion At Its Worst, And A Hundred Dead Cities", pages 157-162.
January 1940. "Precedents In The Control Of Waters", pages 191-194, two (2) copies.
March 1940. "The Lost Agriculture Of Trans-Jordan", pages 228-231.
December 1943. "China's Farms Fight", pages 128-135.

TECHNION

- February 1966. "Population, Food And Land", pages 4-6.

THE WOMAN'S PRESS

- June 1941. "Soil Erosion And Civilization", pages 274-275.

WRITINGS: (written by Lowdermilk unless otherwise indicated)

Box 1

- "Accelerated Erosion: Its Effects On Soil And Water Resources"; reprinted from THE SCIENTIFIC MONTHLY, June 1935.
- "Acceleration Of Erosion Above Geologic Norms"; reprinted from Transactions of the American Geophysical Union, Fifteenth Annual Meeting, 1934.
- "Aerial Mapping In Soil Conservation"; Lowdermilk was the first to secure an appropriation for aerial mapping of lands for the Soil Conservation Service; 1938.
- "Agricultural And Industrial Possibilities Of Palestine"; a proposal for a Jordan Valley power and irrigation project, a T.V.A. for the Jordan River as a constructive approach; May 5, 1947.
- "The Aia"; a historical summary of the Upper Gila telling the story of conditions and history of the area where Lowdermilk initiated some of his first projects for the Soil Conservation Service. This work for the Gila was urged on by Senator Hayden and Congresswoman Isabella Selmes Greenway.
- "America, The Land Of Promise--Provided...".
- "American Help To Greece Through Rural-Reconstruction Projects"; April 24, 1947.
- "An Analysis Of Factors Affecting The Yield Of Water From Watersheds In Southern California"; written while Lowdermilk was Senior Silviculturist at California Experiment Station, Forestry Department; September 20, 1930.
- "An Ancient Engineering Miracle In A Modern Age"; a Chinese engineering project still in use after 2,300 years.
- "Ancient Irrigation In China Brought Up To Date"; reprinted from THE SCIENTIFIC MONTHLY, September 1942.
- "Assignment In Israel"; reprinted from the book ASSIGNMENT IN ISRAEL, this chapter "The Land" was written by Lowdermilk for this book dedicated to Israel's Bar Mitzvah (13 years of statehood). The book was edited by Bernard Mandelbaum and published by Harper & Brothers, New York.
- "Basic Principles Of Soil Conservation"; March 27, 1946.
- "The Big Missouri: Hope Of Our West"; report number two; June 1948. This report was done by Lowdermilk when he was Chairman of Basic Data on the Truman Water Policy Commission.
- Book Reviews: (1) "Behind The Silken Curtain" by Bartley C. Crum, April 9, 1947. (2) "Food Or Famine: The Challenge Of Erosion" by Ward Shepard, and "Pay Dirt: Farming And Gardening With Composts", by J.I. Rodale. (3) "Palestine Mission" by Richard Crossman, April 11, 1947. (4) "Pleasant Valley" by Louis Bromfield, April 18, 1945. (5) "Promised Land" by Ellen Thorbecke, April 17, 1947. (6) "The River Jordan" by Nelson Glueck, October 8, 1946. (7) "Technology And Economic Development" published by Alfred A. Knoff of New York; two (2) copies, one being for Gerard Piel. These reviews were written by Lowdermilk for various magazines.
- "China And America Against Soil Erosion"; reprinted from THE SCIENTIFIC MONTHLY, May and June 1943; the fate of conservation in northern Shansi province, losses and gains.
- "Civilization And Soil Erosion"; reprinted from JOURNAL OF FORESTRY, June 1935; two (2) copies, one also containing "Accumulation And Rate Of Melting Snow As Influenced By Vegetation" by C.A. Connaughton.

WRITINGS: continued

- Bot 1
- "Civilization Without Planning For Management Of Soils And Waters"; this paper was presented to a seminar at State College of South Dakota, July 17, 1962.
- "Collaboration With Farmers Of Forty Centuries Of China"; this paper was presented before the Canadian Forestry Association, Montreal, Quebec, January 5, 1945.
- "Conquest Of The Land Through 7,000 Years"; Agricultural Information Bulletin No. 99; this bulletin was very widely asked for and distributed.
- "Conservation--Past Tense"; written for the Conservation Conference in Los Angeles.
- "Coordinated Uses Of Land On Erosion Control Demonstration Projects"; written during Lowdermilk's period with Soil Erosion Service in the Department of the Interior; April 30, 1934.
- "Discussion: Agricultural Conservation"; reprinted from JOURNAL OF FARM ECONOMICS, February 1937; three (3) copies.
- "Down To Earth"; a Presidential address delivered by Lowdermilk when he was President of the American Geophysical Union National Research Council for three years; June 2, 1944.
- "Eastward To China"; clipped from AMERICAN FORESTS; March 1943; Lowdermilk's only copy.
- "The Eleventh Commandment"; two (2) copies, one reprinted from AMERICAN FORESTS, January 1940; the other from the Proceedings of the Sixth Pacific Science Congress, August 1939.
- "Erosion Pavement: Its Formation And Significance"; reprinted from the American Geophysical Union, February 1950.
- "Ethics Of Soil Conservation"; November 23, 1937.
- "Evaluation Of Salt Water Conversion Into Fresh Water"; introduction.
- "Explorations Of A Forester In Central China"; written in 1925 or 1926 when Lowdermilk was working on a famine prevention program in connection with the University of Nanking, China.
- "Exporting American Know-How In Rural Reconstruction Projects On The Land"; February 18, 1949.
- "Extent And Distribution Of Erosion"; Washington, D.C.; 1936-1937.
- "Factors Affecting Superficial Run-Off Of Rainfall And Surface Erosion Of Soil Profiles"; written while Lowdermilk was senior Silviculturist with the U.S. Forest Service; two (2) copies.
- "The Flag Is On The Plow"; reprinted from SOIL CONSERVATION, June 1942.
- "Flood Control In Soil Conservation"; this paper was presented before the American Society of Agricultural Engineers, June 29, 1938; two (2) copies.
- "Flood Control On Alluvial Rivers"; reprinted from JOURNAL OF FORESTRY, January 1932. This book by Fred H. Tibbetts is here reviewed by Lowdermilk.
- "Floods In Deserts"; reprinted from DESERT RESEARCH, Proceedings of the International Symposium held in Jerusalem, May 7-14, 1952; Research Council of Israel in cooperation with UNESCO. This paper was given by Lowdermilk while he was Consultant of the Food and Agriculture Organization of the United Nations.
- Foreign Correspondence For THE LAND magazine: (1) "Foreign Correspondence--THE LAND Magazine"; (2) "Below The Bulge In British West Africa"; (3) "Foreign Correspondence Column--THE LAND Magazine", July 1950; (4) "Peoples, Politics, and Peanuts In Eastern Africa", December 1, 1950. These columns were originally written during Lowdermilk's studies south of the Sahara in Africa in 1949.

WRITINGS: continued

- Box 1
- "Forest And Agricultural Influences In Streamflow And Erosion Control"; this is a complete summary review of literature up to 1930 worked out by Lowdermilk. This was done in connection with getting his Ph.D. at the University of California; two (2) copies.
 - "Forestry In Denuded China"; reprinted from CHINA, Volume 152 of THE ANNALS OF THE AMERICAN ACADEMY OF POLITICAL AND SOCIAL SCIENCE, Philadelphia, November 1930. This was written while Lowdermilk was making his erosion studies in China; two (2) copies.
 - "Forestry Of Japan"; reprinted from JOURNAL OF FORESTRY, October 1927.
 - "Forests And Soil Conservation"; reprinted from JOURNAL OF FORESTRY, February 1937; two (2) copies.
 - "Forests And Streamflow: A Discussion Of The Hoyt-Troxell Report"; reprinted from JOURNAL OF FORESTRY, March 1933. Written when Lowdermilk was senior Silviculturist at the California Forest Experiment Station, Berkeley.
 - "From Eden To The Last Frontier"; a talk given by Lowdermilk, illustrated with 100 slides; two (2) copies.
 - "Fundamental Concepts Of Erosion: Normal Geologic Erosion And Man-Accelerated Erosion"; written when Lowdermilk was Vice-Director of the Soil Erosion Service, at the beginning of its work.
 - "General Aspect Of The Soil Erosion Problem"; this is the introductory chapter to the Agricultural Year Book, "Soils And Men".
 - "Gone With The Rain"; a radio talk for English-speaking Palestinians on Jerusalem Radio; June 16, 1939.
 - "Grass And Legumes As Tools In Soil And Water Conservation".
 - "Hardpan Soils"; one of Lowdermilk's first papers on this subject; the last pages are missing; April 18, 1928.
 - "A Hope For The Future"; a paper presented to the Annual Meeting of State Association of Soil Conservation District Supervisors in Huron, South Dakota; December 6, 1946.
 - "Implications Of Conservation In The Holy Land"; December 30, 1944.
 - "Industrialization, General Welfare, And Defense"; a summarized analysis; January 4, 1941.
 - "Influence Of Forest Litter On Run-Off, Percolation, And Erosion".
 - "Influence Of Vegetal Cover In Flood Control: A Panel Discussion"; May 31, 1937.
 - "Israel: A Pilot Project For Total Development Of Water Resources"; reprint from a chapter in the book YEARS OF HARVEST, dedicated to the seventieth birthday of Rabbi Hillel Silver.
 - "Itinerary Of A Conservationist In The Holy Land"; written on May 15, 1939 while in Jerusalem at the American School of Oriental Research; two (2) copies.
 - "Jobs For War Workers After The War"; Washington, D.C.; January 22, 1941.
 - "King Solomon's Mines"; 1950.
 - "The Land Base In Community And National Development"; published in TECHNION, Haifa Year Book; November 1, 1955.
 - "Land Use And Flood Flows"; written when Lowdermilk was Chief of Research of the Soil Conservation Service, November 1, 1937. Three copies, one of which was presented at Cambridge, Ohio in November 1937; another was presented at the American Geophysical Union Meeting on April 29, 1938.
- Box 2

WRITINGS: continued

- Box 2
- "Land Use Patterns In Erosion And Flood Control"; reprinted from JOURNAL OF FORESTRY, November 1937; "Watershed Management Symposium; pages 1040-1055.
- "Land Use Patterns In Watershed Management For Erosion And Flood Control"; introduction.
- "Lessons From The Old World To The Americas In Land Use"; from the Smithsonian Report for 1943, pages 413-428.
- "Magic Wrought By Flood Waters"; Lowdermilk's first field work after being called to Washington, D.C., to help start the Soil and Water Conservation work for the United States was in New Mexico and Arizona among the Navaho Indian lands and on the Gila River.
- "Man-Made Deserts"; two (2) copies, one published in PACIFIC AFFAIRS and presented as a paper in Washington, D.C., May 30, 1935; the other has the last page missing.
- "Man's Moral Obligation To The Earth"; presented on March 15, 1935, before the 17th annual meeting of the International Association of Agricultural Missions; two (2) copies.
- "A Modern Oasis"; published in THE SOUTHERN ISRAELITE MAGAZINE.
- "A New Agriculture In An Old Land"; Published in THE ATLANTIC MONTHLY.
- "Our Migrating Soils"; a speech given by Lowdermilk to a Washington, D.C. audience after the dust storms shocked the nation.
- "OSTI--Proposal For Peace Corps In Bechuanaland"; Lowdermilk was a consultant for this and wrote Appendix C "Spreading Know-How In Technical Assistance To Less Developed Countries", C-1 to C-7.
- "The Pack Of Wolves In China"; published in THE LAND magazine; written after Lowdermilk was driven out of China by the Communists in 1927; the last page is missing.
- "Palestine: A Promise For The Middle East"; a bulletin published in 1946.
- "Palestine: A Venture In Conservation And Full Use Of Natural Resources For Human Welfare"; submitted to the Anglo-American Committee of Inquiry on January 12, 1946.
- "Paricutin Volcano, Mexico"; Lowdermilk's reports of an extensive study of the volcano that burst out of a corn field in Mexico; this was the first time that scientists had ever had the opportunity to study a volcano from its birth to maturity; includes a complete set of pictures showing the action of the volcano and the erosion in the volcanic ash. No one besides Wyoming has this complete study, unless it would be scientists in Mexico and the National Research Council. Includes two (2) copies of "Certain Effects Of Ash On Hydrology Of The Paricutin Volcano".
- Box 3 {
- "A Permanent Agriculture In The Nile Valley".
- "Physiographic Engineering: Land-Erosion Controls"; reprinted from Transactions of the American Geophysical Union Proceedings, 1941; two (2) copies.
- Piel, Gerard; manuscript of "For The Living Generation"; at the award of The Kalinga Prize, New Delhi, India; February 1964.
- "Population, Food, And Land"; a speech first given in Washington, D.C., on May 7, 1947, and then given many times afterward, with variations.

WRITINGS: continued

Box 3

- "Power And Food"; Washington, D.C.; April 7, 1947.
- "Preliminary Report On The Beneficial Uses Of Water Resources Principal Streams Of United States"; written by H.H. Bennett, director, and W.C. Lowdermilk, vice-director; The Soil Erosion Service, Department of the Interior; March 19, 1934.
- "Raindrop And River" Series: (1) "Follow The Raindrop", October 7, 1950; (2) "Raindrop And River", two copies, one dated October 9, 1950, the other presented at the Energy Resources Conference in Denver, Colorado on October 16, 1958; (3) "The River", August 25, 1950; two copies. These were written while Lowdermilk was Chairman of the Basic Data Committee of President Truman's Water Policy for the American People.
- "The Reclamation Of A Man-Made Desert"; from SCIENTIFIC AMERICAN; March 1960.
- "A Report To The Save The Redwoods League On Critical Problems In The Bull Creek Basin"; Lowdermilk acted as consultant; October 20, 1961.
- "The Role Of Research In Soil Conservation"; presented at Pennsylvania State College before the student body on February 2, 1938.
- "The Role Of Vegetation In Erosion Control And Water Conservation"; reprinted from JOURNAL OF FORESTRY, May 1934; two (2) copies.
- "The San Dimas Experimental Forest"; established by Lowdermilk, this experimental forest in southern California was the largest of its kind up to this triple watershed study. When it was almost completed, Lowdermilk was called to Washington by President Franklin D. Roosevelt to start the Soil Conservation work for the United States.
- "The Scientific Aspects Of Flood Control"; symposium sponsored by the Ecological Society of America and American Association for the Advancement of Science. Lowdermilk's article "Agricultural Land Use And Flood Control", pages 17-39; June 18, 1936.
- "Service Of Science To Land Developments With Conservation Of Soils And Waters"; this paper was presented to the International Conference on Role of Science in the Advancement of New States; August 1960.
- "Soil And Water In Israel"; published in TECHNIQUE.
- "Soil Conservation And Public Welfare"; three (3) copies, one in Washington, D.C., June 30, 1938; the other two are copies of the paper presented before the Farm & Home Convention in Lexington, Kentucky on January 25, 1938.
- "Soil Conservation In National Economy"; May 27, 1934.
- "Soil Erosion"; written while Lowdermilk was Chief of Research of the Soil Conservation Service; the significance of the problem and its attempted control; the last page is missing.
- "Soil Erosion And Irrigation Storage In North Africa"; a paper for the International Conference on Soils of the Mediterranean.
- "Soil Erosion And Its Control In The United States"; two (2) copies, one of which was presented to The Plenary Session of The Third International Congress of Soil Science.
- "Soil Erosion And Its Effect On Culture"; two (2) copies, one of which was presented before the National Catholic Rural Life Conference, Atchison, Kansas; July 1941.
- "Soil Science In Wildland Management"; reprinted from JOURNAL OF FORESTRY, November 1946.
- "The Spell Of Arizona: A Challenge Of The Desert"; a paper presented to students at the University of Arizona. Lowdermilk was once President of the Student Body and editor of the first

WRITINGS: continued

- Box 3
- "Stewardship Of The Earth In The Western Hemisphere"; a paper presented before the Annual Convention of Municipalities of the Province of Alberta, Calgary, Canada; November 23, 1945; two (2) copies.
 - "Still Further Studies On Absorption Of Rainfall In Its Relations To Sufficial Runoff And Erosion"; reprinted from Transactions of the American Geophysical Union, Fifteenth Annual Meeting, 1934.
 - "Studies In Forest Influences And Land Use Planning"; three (3) copies, one of which was presented to the Conference on Land Use Planning, Berkeley, California, June 19, 1934.
 - "Studies In The Role Of Forest Vegetation In Erosion Control And Water Conservation"; presented before the Fifth Pacific Science Congress, Vancouver, Canada, 1933.
 - "Tracing Land Use Across Ancient Boundaries"; letters sent back to the Soil Conservation Service and H.H. Bennett, chief of the Service, while on the long trip of 1938-1939.
 - "The Untriad Approach To The Palestine Problem"; a bulletin issued by the American Christian Palestine Committee, New York.
 - "Water Cycles"; October 10, 1929.
 - "Watershed And Water Conservation Study In The Chaparral Region Of California"; June 30, 1932.
 - "Watershed Management In Multi-Purpose Basin Development"; Land and Water Use Branch, Agricultural Division, FAO, United Nations, 1952.
 - Box 4
 - "Watershed Management In The Redwood Forests"; Lowdermilk was consultant to the "Save The Redwoods League"; August 5, 1966.
 - "Who Is My Neighbor?"; a chapter from the book THE PEASANT FARMER, edited by Esther Pike Lowdermilk; August 26, 1959.
 - "The Work Of The Soil Conservation Service"; presented at the Association of State Geologists, February 1937.
 - "World-Wide Needs Of Woods As A Land Conservation Crop"; presented to the Symposium on Forestry and the Public Welfare; November 17, 1944.
 - "Written In The Syrian Desert"; reprinted from AMERICAN FORESTS, August 1941.

NOTE: These writings are collateral information to go with the two volumes done by the Bancroft Library on the Life and Works of Walter Clay Lowdermilk.

(Signed)

Gene M. Gressley
Director

GMC:lrc

#3049

W H

Copy

July 7, 1972

THE INEZ AND WALTER LOWDERMILK COLLECTION

RECEIPT for the gift of Dr. and Mrs. Walter C. Lowdermilk:

ARTICLES

- Box #1
- "The Agriculture Of Ancient Peru", by D.R. Wickes and W.C. Lowdermilk, 26 pages.
 - "Collaboration With Foreign Countries In Agriculture & Rural Reconstruction With Special Reference To Soil & Water Conservation", by W.C. Lowdermilk, 20 pages.
 - "Ethics Of Soil Conservation", by W.C. Lowdermilk, 17 pages, December 18, 1937.
 - "History Of The Colca Valley", by W.C. Lowdermilk, A Study In Terracing Land & It's Beginning With Pictures.
 - "A Hope for The Future", by W.C. Lowdermilk, 12 pages, November 29, 1946.
 - "Influence Of Vegetal Cover In Flood Control, by W.C. Lowdermilk, A Panel Discussion, 17 pages, May 31, 1937.
 - "King Solomon's Copper Mines & Ezian Geber The Pittsburg Of The Red Sea", 12 pages.
 - "Capricorn Africa-Englands Opportunity", by W.C. Lowdermilk, A Statement Prepared For The Carnegie Corporation, 4 pages.
 - "Land Use & Flood Flows, by W.C. Lowdermilk, 13 pages, April 29, 1938.
 - "Man's Moral Obligation To The Earth", by W.C. Lowdermilk, 7 pages, March 15, 1935, 2 copies.

ARTICLES CONTINUED

"Mission To Morocco On Soil & Water Conservation", by W.C. Lowdermilk, 48 pages, 1948, 2 copies.

"Raindrop & River", by W.C. Lowdermilk, September 20, 1958, 25 pages.

"The River", by W.C. Lowdermilk, Written When Chairman Of Basic Data Working Under Truman's Water Policy For The American People, 13 pages, August 25, 1950.

"Salt Water Conversion Into Fresh Water Morongo Valley", by W.C. Lowdermilk, 45 pages, May 22, 1961, 2 copies.

"Soil Conservation In Ancient Peru, by D.R. Wickes & W.C. Lowdermilk, 9 pages, June 6, 1938.

"Soil & Water In Israel, by W.C. Lowdermilk, 7 pages.

"Study Of Paricutin Volcano, Mexico", by W.C. Lowdermilk & Reed W. Bailey, Ing. Jose Navarro y Samano and Ing. David Llerena Lanzogorta, Observations Of Erosion & Floods Connected With The Volcano Paricutin, 48 pages with Photos.

Two Volumes Which Contain A Years Work In Survey Of Land-Use In Europe & The Near East, All Articles & Reports are by W.C. Lowdermilk.

Volume Number 1

Ethics Of Soil Conservation, Read before Annual Meeting Of The Christian Rural Fellowship, December 18, 1937, 12 pages.

"A Masterpiece Of Land Reclamation, The Reclamation Of The Ocean Floor By Holand Into Productive Agricultural Lands, 20 pages with Photos, Written At Chambery, France, November 5, 1938.

"The Sea Moves Out As Holland Farmers Move In", 10 pages. March 23, 1940.

"France Transforms Vast Mobile Sand Dunes Into Rich Productive Areas", 23 pages with Photos.

"Fish Ponds And Fields In Rotation", The Rotation Of Fish Culture with Field Crops In Many Parts Of France", 13 pages with Photos.

"Strip Cropping By Inheritance In France", 9 pages with Photos, Grenoble, France, October 31, 1938.

"Conservation Studies Become The Newest Thrill For French Alpine Climbers", 6 pages.

"Torrent Control", 56 pages with Photos.

ARTICLES CONTINUED

Volume Number 1a Continued

"The Romance Of Field Boundaries In Rural England", 14 pages, with Photos, Written In Holland, September 1938, Revised In Beirut, September 1939.

"Control Of Waters In England", 11 pages, Paris, France, October, 1938.

"Reclamation Of Pontine Marshes, Italy", 15 pages with Photos.

"Colonization De Luxe In Italian North Africa", 24 pages with Photos, Beirut, Lebanon, Syria, April 15, 1939.

Beir #1
"A Skeleton Roman City And It's Lands", 17 pages with Photos, On Board S.S. Excambion, October, 1939.

"A Post-Mortem On Timgad, North Africa", 17 pages with Photos, Tunis, Tunisia, January, 1939.

"Footprints Of Roman Agriculture In North Africa", 44 pages with Photos.

"Control Of Little Waters In North Africa During Roman Times", 13 pages, Beirut, Syria, March 31, 1939.

Volume Number 2

"Conservation In The Holy Land", 29 pages, October 4, 1944.

Beir #2
"Jewish Colonization In Palestine", 78 pages, with Photos, Rewritten March 8, 1940.

"The Eleventh Commandment", This Article is About The Sins Of Civilization Against Mother Earth.

"The Lost Agriculture Of Trans-Jordan", 30 pages with Photos, Written June 24, 1939, Jerusalem, Palestine.

"The Cedars Of Lebanon-Past And Present", 24 pages with Photos, Written At Beyrouth, Liban, Syrie, September 1939.

"Erosion At It's Worst And A Hundred Dead Cities", 21 pages with Photos, Written at Beirut, Lebanon, Syria, August 29, 1939.

"Cyprus! The Epitomy Of Land-Use In The Mediterranean", 59 pages with Photos, Beyrouth, Syrie On Board S.S. Excambion, October, 1939.

"Written In The Syrian Desert", Reflections in A Graveyard Of Civilizations, 11 pages with Photos.

Conclusion Of One Years Survey Work In Europe & The Near East, 12 pages.

ARTICLES CONTINUED

All Notes And Impressions by Inez Marks Lowdermilk, while Traveling With Her Husband W.C. Lowdermilk On His Year Survey In Europe And The Near East.

Notes & Impressions Of England, 14 pages.

First-Hand Impressions And Experiences In Europe During Crisis, 10 pages.

Notes & Impressions Of France, 13 pages.

Notes & Impressions Of Holland, 11 pages.

Victory And Sacrifice Twenty Years After On American Battle Fields In France, 5 pages.

Notes & Impressions Of Italy, 16 pages.

Re-Living Bible Stories In The Twentieth Century, 16 pages, Jerusalem, June 30, 1939.

BOOKS

THE FOUNDATIONS OF CONSERVATION EDUCATION, National Wildlife Federation, 1941.

Johnson, George R., PERU FROM THE AIR, American Geographical Society, New York, 1930.

MAGAZINES (all articles listed are written by W.C. Lowdermilk)

AMERICAN FORESTS, "Control Of Little Waters In North Africa, September 1939, pages 453-455.

AMERICAN FORESTS, "Across North Africa With A Soil Conservationist", July 1939, pages 343-345, 384.

FOREST HISTORY, "Forests And Erosion In China, 1922-1927", April 19/2, pages 4-15.

FOREST & OUTDOORS, "The Cedars Of Lebanon", October 1941, pages 323-324, 327.

NATIONAL GEOGRAPHIC, "China Fights Erosion With U.S. Aid, June 1945, pages 641-680.

SCIENTIFIC AMERICAN, "The Reclamation Of A Man-Made Desert", March 1960, pages 55-63.

MAGAZINES CONTINUED

SOIL CONSERVATION, "III. Erosion At Its Worst, And A Hundred Dead Cities", December 1939, pages 157-162.

SOIL CONSERVATION, "V. The Lost Agriculture Of Trans-Jordan", March 1940, pages 228-231.

SOIL CONSERVATION, "A Look At Paricutin", June-July 1946, pages 280-288.

SCIENTIFIC MONTHLY, "Ancient Irrigation In China Brought Up To Date", September 1942, pages 209-225.

PHOTOS

These Five Photos Were Taken During The Time That W.C. Lowdermilk Was In China To Find Where All The Silt Came From That Caused The Yellow River To Become "Chinas Sorrow".

These Air Views Of The Land Show That The Wind Laid Soils Erode Easily. Gullies Started And Over The Centuries Grew Sometimes 500 Deep.

PUBLICATIONS

PLANT AGRICULTURE, W.H. Freeman and Company, January 1970.

GUIDE TO SAN DIMAS EXPERIMENTAL FOREST, Sinclair, J.D., E.L. Hamilton, et al.,.

THE SOIL CONSERVATION WAY, Hull, William X., Soil Conservation Service, December 1946.

REPORTS

W.C. Lowdermilk, INFLUENCE OF LAND-USE PRACTICES AND VEGETAL COVER ON FLOODS, September 14, 1937, 66 pages.

W.C. Lowdermilk, THE SOLUTION TO PROBLEMS OF THE CETINA RIVER VALLEY, 1958, 27 pages.

W.C. Lowdermilk, PRELIMINARY REPORT TO THE EXECUTIVE YUAN, GOVERNMENT OF CHINA ON FINDINGS OF A SURVEY OF A PORTION OF THE NORTHWEST FOR A PROGRAM OF SOIL WATER AND FOREST CONSERVATION, November 26, 1943, 47 pages.

W.C. Lowdermilk, A Survey of Land Use in Certain Countries of Europe and the Near East

REPRINTS

- W.C. Lowdermilk, CIVILIZATION AND SOIL EROSION, Journal Of Forestry, Volume XXXIII, No. 6, June 1955, pages 554-560.
- W.C. Lowdermilk, THE ELEVENTH COMMANDMENT, American Forest, January, 1940.
- W.C. Lowdermilk and H.L. Snudling, EROSION PAVEMENT, ITS FORMATION AND SIGNIFICANCE, Transactions, American Geophysical Union, Volume 31, Number 1, February 1950, pages 96-100.
- W.C. Lowdermilk, FORESTRY OF JAPAN, The China Journal, Volume VIII, Number 4, April 1928, pages 183-190.
- Robert Shippee, THE GREAT WALL OF PERU, LOST VALLEYS OF PERU, The Geographical Review, Volume XXII, 1932, pages 1-29, pages 562-581.
- W.C. Lowdermilk, FORESTS AND SOIL CONSERVATION, Journal Of Forestry, Volume XXXV, Number 2, February, 1937, pages 198-204.
- W.C. Lowdermilk, ISRAEL A PILOT PROJECT FOR TOTAL DEVELOPMENT OF WATER RESOURCES, pages 215-226.
- W.C. Lowdermilk, LAND-EROSION CONTROLS, Transactions, American Geophysical Union, 1941, pages 316-320, 2 copies.
- W.C. Lowdermilk, LESSONS FROM THE OLD WORLD TO THE AMERICAS IN LAND USE, Proceedings Of The Eighth American Scientific Congress, Volume 5, 1942, pages 413-427.
- W.C. Lowdermilk, PRESIDENTIAL ADDRESS DOWN TO EARTH, Transactions, American Geophysical Union, June 1944, pages 195-213, 3 copies.
- W.C. Lowdermilk, THE ROLE OF VEGETATION IN EROSION CONTROL AND WATER CONSERVATION, Journal Of Forestry, Volume XXXII, Number 5, May, 1934, pages 529-536.
- W.C. Lowdermilk, SOIL SCIENCE IN WILDLAND MANAGEMENT, Journal Of Forestry, Volume 44, Number 11, November 1946, pages 783-798.
- W.C. Lowdermilk, THE THIRD PAN-PACIFIC SCIENCE CONGRESS UNDER THE AUSPICES OF THE NATIONAL RESEARCH COUNCIL OF JAPAN, Journal Of Forestry, Volume XXV, Number 7, November 1927, pages 873-884.
- W.C. Lowdermilk, USE OF AERIAL MAPPING IN SOIL CONSERVATION, Civil Engineering, September 1938, pages 605-607.
- W.C. Lowdermilk, WORLD-WIDE NEEDS OF WOODS AS A LAND CONSERVATION CROP, Proceedings of the American Philosophical Society, Volume 89, Number 2, 1945, pages 408-417.

Set # 4

REPRINTS CONTINUED

W.C. Lowdermilk, THE FLAG IS ON THE PLOW, Soil Conservation, Volume VII, No. 12, June 1942.

W.C. Lowdermilk, WRITTEN IN THE SYRIAN DESERT, American Forests, August 1941,

MISCELLANEOUS

TRACING LAND USE ACROSS ANCIENT BOUNDARIES, W.C. Lowdermilk, Letters On The Use Of Land In The Old World To: H.H. Bennett, Chief, Soil Conservation Service.

TRIBULATIONS OF AN AMERICAN LEARNING THE CHINESE LANGUAGE, Inez M. Lowdermilk.

THE HEAVENS COOPERATE, Inez M. Lowdermilk.

Signed _____

Gene M. Gressley, Director

GMG/js

Acc # 3046

W H

copy

July 31, 1974

THE INEZ AND WALTER LOWDERMILK COLLECTION

RECEIPT for the gift received of Inez
Lowdermilk:

BIOGRAPHY

(B-4951 uc) Five pages of the life of Walter Clay
Lowdermilk 1888-1974 with picture
attached.

Gene M. Gressley
Director

GMG/jd