

DOCUMENT RESUME

ED 171 462

EC 011 376

AUTHOR Swan, Malcolm D., Comp.; And Others
 TITLE Dissertations in ECO Education. Taft Campus
 Occasional Paper No. XV.
 INSTITUTION Northern Illinois Univ., Oregon; Lorado Taft Field
 Campus.
 PUB DATE Dec 75
 NOTE 29p.; Not available in hard copy due to poor print
 quality of original document

EDRS PRICE MF01 Plus Postage. PC Not Available from EDRS.
 DESCRIPTORS Camping; *Conservation Education; Curriculum
 Development; *Doctoral Theses; Educational
 Philosophy; *Elementary Secondary Education;
 *Environmental Education; Exceptional Child
 Education; *Higher Education; Models; *Outdoor
 Education; Political Influences; Recreation; Resident
 Camp Programs; Self Concept; Student Attitudes;
 Teaching Methods

ABSTRACT Dissertations in the fields of environmental,
 conservation, and outdoor education are listed in this document. Many
 of the titles were taken from "Dissertation Abstracts" through
 November, 1975 with the remainder of the titles coming to the
 editors' attention from other sources. Each listing gives the
 author's name, title of work, university and date of publication.
 University Microfilm order numbers are also provided to assist in
 ordering copies of dissertations available from this source. Three
 hundred-eighty titles are listed, the majority of which were
 presented in the early 1970's. One paper, however, was written in
 1929, four papers in the 1930's, and 17 in the 1940's. Approximately
 67 papers come from the 1950's and 77 from the 1960's. (DS)

 * Reproductions supplied by EDRS are the best that can be made *
 * from the original document. *

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

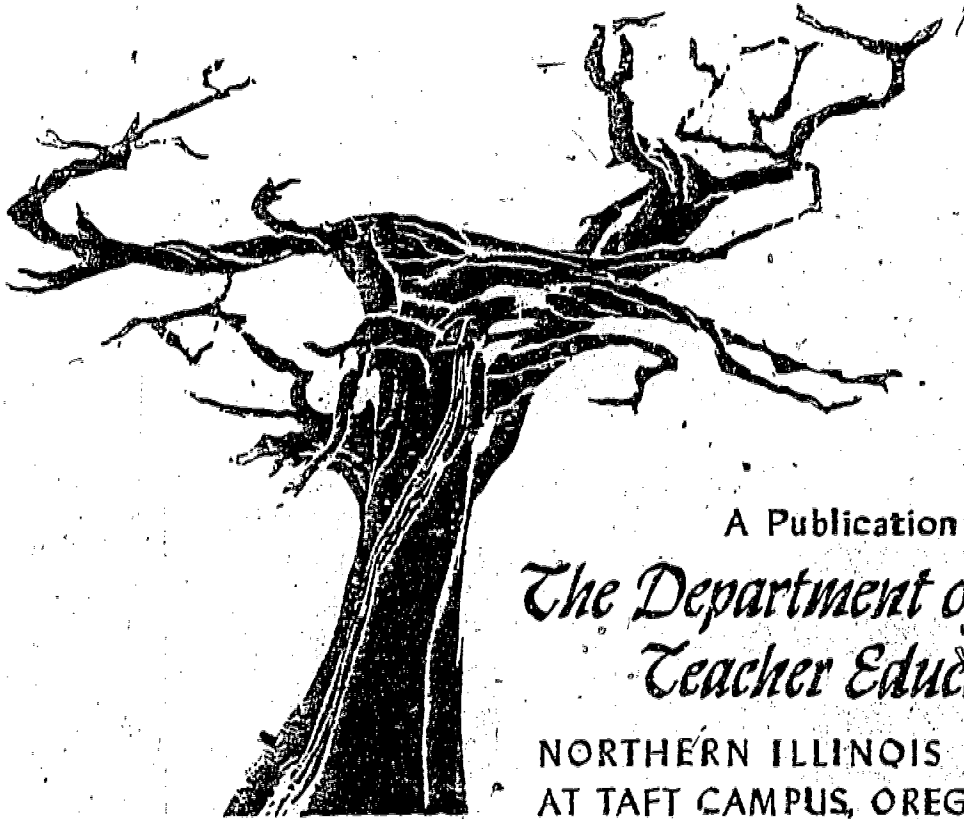
Ronald L. Hemminger

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY.

TO THE EDUCATIONAL RESOURCES
INFORMATION CENTER (ERIC)."

ED171462



A Publication of

*The Department of Outdoor
Teacher Education*

NORTHERN ILLINOIS UNIVERSITY
AT TAFT CAMPUS, OREGON, ILLINOIS

011376

TAFT CAMPUS OCCASIONAL PAPER NO. XV

DISSERTATIONS IN ECO EDUCATION

Environmental - /
Conservation - Education
Outdoor
Compiled by: Malcolm D. Swan
Donald R. Hammerman
William D. Stark

DECEMBER 1975

Included here are those doctoral dissertations that pertain to "Eco-Education" listed in Dissertation Abstracts through November 1975 and those coming to our attention from other sources. University Microfilm's order number is provided to assist users in obtaining copies of the dissertations they wish to purchase (The cost runs about \$11.00 per microfilmed dissertation).

Copies of the dissertations that are obtainable through University Microfilms can be used at the Research Room, Lorado Taft Field Campus Northern Illinois University. It would be appreciated if readers would bring any additional pertinent dissertations that they know about to the attention of the compilers.

Taft Campus Occasional Papers provide a means of sharing professional documents prepared primarily in connection with the on-going program in the Department of Outdoor Teacher Education, Northern Illinois University, but which may be more useful if given a wider distribution. Unless otherwise noted, they are not copyrighted.

DISSERTATIONS IN ECO EDUCATION

Environmental Education
Conservation Education
Outdoor Education

1. ASCHE, Wayne Edward --- The Development and Testing of an Environmental
* Attitude Scale. Purdue University, 1972. #73-15, 765.
2. ALEXANDER, Albert Andria --- The Effect of a Residential Camping Experience
* on the Self Concept of Boys from Low Income Families. Boston Uni-
versity, 1969. #70-12, 149.
3. AMBRY, Edward J. --- An Investigation of the Administrative Problems Related
* to Resident Outdoor Education Programs in Certain Public Elementary
and Secondary Schools. Southern Illinois University, 1965. #65-1317.
4. ANDREWS, Richard N. L. --- Environmental Policy and Administrative Change;
* The National Environmental Policy Act of 1969, 1971. University
of North Carolina, 1972. #73-4796.
5. ARCHARD, Merrill H. --- Recommendations for the Administration of the
* New Paltz State Teachers College School Camp. New York University,
1956. #19979.
6. ARONSTEIN, Laurence William --- A Study of Attitudinal Change in College
* Students as a result of Constructive Participation in an Environmental
Community Service Project. State University of New York, Buffalo,
1972. #72-23,846.
7. BAILEY, John Herbert. --- Conservation Projects by Community Organizations
* in Tennessee and Other Southeastern States. Cornell University,
1960. #60-00884.
8. BAIN, Charles M. --- Camping Education for the Public Schools of Jefferson
* County, Kentucky. Columbia University, 1956.
9. BAKE, William Albert --- The Visual Tradition in American Environmentalism.
University of Georgia, 1973. #74-4747.
10. BALDRIDGE, Kenneth Wayne --- Nine Years of Achievement: The Civilian
* Conservation Corps in Utah. Brigham Young University, 1971.
#7-24,265.
11. BANNER, Gilbert --- Some Factors Which Effect Change in Natural Resource
* Conservation Education a Study of the Program of the Education
Division, Michigan Department of Conservation. University of
Michigan, 1955. #00-11238.
12. BEKER, Jerome --- The Relationship Between School Camping Social Climate and
Change in Children's Self-Concepts and Patterns of Social Relation-
ship. Columbia University, 1959.

13. BELLISARIO, Joseph --- E. Laurence Palmer: His Contributions to Nature,
* Conservation and Science Education. Pennsylvania State University,
1969. #70-19, 386.
14. BENNETT, Dean Birchard --- The Development of a Model to Evaluate the
* Attitudinal and Behavioral Goals of K-12 Environmental Education.
University of Michigan, 1972. #73-6, 791.
15. BERGER, Harriet J. --- A plan for Developing Competencies for Leadership
* in School Camping and Outdoor Education for Elementary Education
Students. New York University, 1958. #58-5,650.
16. BERNARDO, Jose Raul --- Museum Environments For Communications: A Study
* of Environmental Parameters in the Design of Museum Experiences.
Columbia University, 1974. # 75-12,302
17. BLAKE, Orlando W. --- A Guide for Initiating School Camping with Special
Reference to Bronxville, New York. TC Columbia, 1959. 1959-p.74
18. BLINN, Richard Joseph --- Analysis of Urban Aesthetics Components of
* Existing Environmental Education Curricula. University of Southern
California, 1974. #73-18,797.
19. BLOCK, Daniel Garth --- The Selection of State School Lands for Development
* into Outdoor Teaching Laboratories, University of Montana, 1973.
#73-25,175.
20. BLUMM, Louis Herbert --- Some Pollution-Related Attitudes of High School
* Youth in the United States and Brazil, University of Illinois, 1973
#74-11950.
21. BOONE, Janice Rae --- Simulations, Concern Level, Grade Level and Sex as
* Factors Influencing the Assignment of Importance to Environmental
Concepts. Texas A & M University, 1972. # 72-24,288.
22. BOWER, Dick Harry --- Conservation of Natural Resources: A Study of
* Government and Educational Activity in Santa Clara County, Cali-
fornia, 1950-1964. Stanford University, 1965. #66-2,509.
23. BRADY, Eugene Ralph --- The Effectiveness of Field Trips Compared to
* Media in Teaching Selected Environmental Concepts. Iowa State
University, 1972. #73-3,860.
24. BRENNAN, Andrew --- Development of an Objective Knowledge Test Instrument
* In The Field of Environmental Health. University of Wisconsin, 1975.
#75-18,164. 225 pages.
25. BRICE, Richard Alpha III --- A Procedural Model for Developing Environ-
* mental Education Programs for Teachers of Young Children. University
of Georgia, 1973. # 73--31859
26. BRIGHAM, Arthur Jeff --- The Frequency and Significance of Environmental
* Concepts as Found in Literature for Primary Grade Children. Uni-
versity of Wyoming, 1972. p.147.

27. BRINN, R. P. --- A Study of Certain Problems in the Organization and Administration of School Camps. University of Missouri, 1948. W 1949 p.118
28. BRISTOR, James Lloyd --- An Analysis of the Attitudes of Resident Camp Administrators Regarding Critical Problems in Residential Camping. Indiana University, 1971. #71-18,144.
29. BROWN, June Shelander --- The Impact of the Publications and Action Programs of the State Committee on Conservation Education of the Michigan Cooperative Curriculum Program. University of Michigan, 1967. #68-7756.
30. BRUNCKHORST, William Louis --- The Development of the Theoretical Model Based on the Six Realms of Meaning for the Purpose of Developing an Interdisciplinary Environmental Studies Program. University of Mississippi, 1971. #72-8,916.
31. BUNDY, Joseph Newton --- An Analysis of Literature To Develop the Environmental Health content for School Curriculum. West Virginia University, 1974. #75-4969 331 pages.
32. BURCHETT, Betty Martela --- A Descriptive Study of Fourth, Fifth and Sixth Grade Students' Attitudes Relating to Environmental Problems. Indiana University, 1971. #72-6,670.
33. CAPPS, Forrest O. --- Survey of the Conservation Information Possessed by Pupils in Missouri High Schools, University of Missouri, 1939.
34. CARLS, Forest Glenn --- Analysis of Preferences for Outdoor Recreation. University of Illinois, 1971. #73-9,896.
35. CARRIER, Roger E. --- Energy Conservation Through Urban Transportation Planning. The Pennsylvania State University, 1974. #75-19,735. 184p
36. CARLSON, Marcia Karolina --- A Study of the Influence of a Resident Outdoor Education Experience on Intermediate-Level Children's Perceptions of Peers and Perceptions of the Out-of-Doors. Syracuse University, 1972. #73-19,791.
37. CARTER, Charles Bruce -- The Relationship Between Children's Drawings and Sensitivity to Environmental Sounds. Pennsylvania State University, 1958. #59-00752.
38. CARTER, Doris Marie --- Visual Environmental Education: The Use of Vision as the Primary Sensory Mode of Perception Employed in the Teaching of the Fundamentals of Environmental Education. University of Massachusetts, 1972. #72-22,023.
39. CAUDLE, Frederick L. --- A Program of Conservation Education for the Wisconsin State College of Ashkosh, Wisconsin. Ohio State University, 1952.
40. Cauley, M.J. --- Industrial Arts and Environmental Education: Environmental Concepts Judged Applicable to Industrial Arts Teaching Areas by Industrial Arts Teacher Educators. University of Northern Colorado 1972. #72-13,307.

41. CHASE, Craig Carleton --- Changes in Attitude Toward Outdoor Education
* by Teachers and Administrators After Participation in the Co-
operative Outdoor Education Project, Title III, ESEA. Southern
Illinois University, 1969. #70-7,267.
42. CHRISTIE, Robert M. --- An Examination of the Outdoor Teaching Practices
* of Outdoor Teachers in Selected School Camps Interpreted by Inter-
action Analysis. Southern Illinois University, 1972. # 72-28, 531.
43. CHRISTMAN, John H. --- The Administration of a Public Elementary School
* Camping and Outdoor Program. University of Buffalo, 1957.
44. CHROUSER, William Harvey --- A Comparison of the Use of Outdoor vs. In-
* door Laboratory Techniques in Teaching Biology To Perspective
Elementary Teachers, University of Northern Colorado, 1970.
#71-14, 522.
45. CIESLA, Kathryn Grace --- The Development and Evaluation of a Self In-
* structional Learning Guide for Use At an Outdoor Education Area
Ball State University, 1974. #75-3728.
46. CLAGG, Sam Edward --- The Status of Conservation Education in Selected
* Institutions of Higher Learning in the Southeastern United States.
University of Kentucky, 1955. #60-00639.
47. COLOW, Frank Edwin --- Establishment of an Outdoor Education Program for
* Unified School District #345, with Maximum Use of Federal or Private
Funds. University of Kansas, 1968. #68-17,369.
48. COLE, Roy --- An Evaluation Study of an Extramural School Camping Program
* for Adolescent Boys Identified as Potential School leavers. Wayne
University, 1957; #58-1175.
49. CONCEPTION, Medel Paz --- A Conceptual Framework for Environmental Ed-
* ucation Adapted to the Philippine Environment, Michigan State
University, 1974. #74-27452. P 242.
50. COONS, Ernest M) --- A Two-Week Resident Camp Offering the Primary Object-
* ive of Predetermined Attitude Change for Early Adolescents. Univ-
ersity of New Mexico, 1973. #73-27,790.
51. COREN, Benedict Emanuel --- A Comparison of Social, Personal and Physical
* Development of Males and Females Exposed to a Day Camp Environment.
University of New Mexico, 1970. #71-15458.
52. CRADDOCK, Arnold --- A Suggested School Camping Program for Kanawha County
* Sixth Grade. George Peabody College, 1955. # 15,464.
53. GRAGG, Nadine A. --- An Evaluation of the Year Round School Camp of Long
* Beach. University of Michigan, 1953. #5,025.
54. CROCIOCHIA, George Anthony --- Outdoor education: A Descriptive Survey
* of Programs and Trends for Elementary Schools in the State of
Maryland. George Washington University, 1971. #72-7,599.
55. CUMMINGS, Stanley Lincoln Jr. --- Environmental Education: A Market Survey
* Stanford University, 1975. #75-25,511. pp268.

56. CURL, Harrold Twain --- Environmentalism in a Small City. University of Oregon, 1972. #73-13,736.
57. CYPERS, Vincent A. --- A Study of Determine the Significant Outdoor Experiences for Elementary Teachers. Colorado State University 1961. #61-3,063.
58. DAVIDSON, Morris --- Changes in Self-Concepts and Sociometric Statue of Fifth and Sixth Grade Children as a Result of Two Different School Camp Curricula. University of California, 1965. #65-13,419.
59. DAVIS, George T. --- On Teaching Natural Resource Conservation Through Biology in Massachusetts High Schools. Harvard University, 1950.
60. DAVIS, Magdalene L. Adams --- An Evaluation of the Duties of the Community-School Camp Directors in Michigan. Indiana University, 1958.
61. DAVIS, Richard Miles --- Development and Application of an Economic Environmental Trade-off Model for Land Use Planning, Ohio State University, 1974. #75-3045. 247 p.
62. DAVIS, Tom Lloyd --- Environmental Education Programs of Selected Cooperative Extension Service Personnel. Texas A.&M. University, 1973. #74-13057.
63. DEBLANC, Jefferson Joseph --- A Comparative Study of Science Academic Achievement of Senior High School Participants, and Non-Participants in an Outdoor Educational Center - St. Martin Parish. McNeese State Univeristy, 1973. #73-30,233.
64. DERRYBERRY, Bobby R. --- Senator Robert S. Kerr's Conservation Rhetoric. University of Missouri - Columbia, 1973. #74-18511.
65. DIBNER, Susan Schmidt --- Social Interaction of Physically Handicapped Children in Integrated and Segregated Summer Camps, Brandies University, 1973. #73-15,436.
66. DICE, Eugene Frederick --- The Influence of an Educational Awareness Experience on Components of Psychological Position Toward an issue in Consvrrvation and Methodological Study. University of Michigan, 1964. #65-109.
67. DICKINSON, Joel Ray --- The Creation of Redwood National Park: A Case Study in the Politics of Conserwtion, University of Missouri-Columbia, 1974. #75-15,985. 729 pp.
68. DIMENTO, Joseph Frank --- Administrative Agency Response To Innovative Environmental Legislation. University of Michigan, 1974. # 75-667. 460 pp.
69. DONNELLY, Rose --- A Study of the Conservation Ideas of 282 Children. TC Columbia, 1957.
70. DORSEY, Albert H. --- A Survey Study of the Comparative Status of Understanding and Reasoning in Conservation Concepts by Ninth Grade Students in the Public Schools of South Carolina. University of Virginia, 1972. #27-22,643.

71. DRAKE, Harold Lee --- Alfred Korzybski and Bunkminster Fuller: A Study
* in Environmental Theories. Southern Illinois University, 1972.
#73-6200.
72. DUNLAP, Riley Eugene --- Legislative Voting on Environmental Issues and
* Analysis of the Impact of Party Members. University of Oregon,
1973. #73-20200.
73. EAST, Dennis II --- Water Power and Forestry in Wisconsin: Issues and
* Conservation. University of Wisconsin, 1971. #71-23,299.
74. EASTMAN, Thomas Walton --- The Development and Validation of an Environ-
* mental Attitude Measure With Predictive Validity. University of
Maryland, 1973. #74-17039.
75. EATON, John Lawrence --- Environmental Attitude and Health Knowledge
of Tenth Grade High School Students. Pennsylvania State University,
1972. #71-28,684.
76. ECKERT, Theodore E. --- A Survey of Conservation Education in the Public
Schools and Teachers Colleges of New York State With Recommendations
For The Development of an Adequate State Program. Cornell University
1951.
77. ELLIOTT, J.E. --- Guides for the Development of Multi-Use Camp Facilities.
* Indiana University, 1965. #65-14,948.
78. ELLIS, Theodore John --- The Potential Role of Oil Shale in the U.S.
* Energy Mix: Questions of Development and Policy Formation in an
Environmental Age. Colorado State University, 1972. #73-13,030.
79. ENGLAND, Richard William --- Capital, Economic Growth, and Environmental
Pollution. The university of Michigan, 1974. #75-10163. 223pp.
80. ESPARO, John --- Assessment of Student Attitudes and Involvement in the
Environmental Quality Program of the Mott Institute - Okemos
Secondary School Project, Michigan State University, 1971.
#71-23,181.
81. EVANS, Forrest F. --- The Effects of a Summer Camp Arithmetic Enrichment
* Program. George Peabody College, 1957. #24,466.
82. FELDMAN, Robert Larry --- Effectiveness of Audio-Visual Media for
Environmental Interpretation to Recreating Motorists. Cornell
University, 1975. #75-24, 180, 223 pp.
83. FENDERSON, Carol Nathaniel --- Maine Parks and Their Role in Conservation
* Education Programs. Columbia University, 1969. #70-12,550.
84. FERRIS, David Louis --- A Desirable Outdoor Education Program for Adult
* Centers. Indiana State University, 1968. #68-17,263.
85. FLINN, Terence Thomas --- Conflict and Compromise: Congress Makes a Law,
* The Passage of the National Environmental Policy Act. Georgetown
University, 1973. #73-16,874.

86. FISCHER, William Alan --- Fiscal and Environmental Considerations in
* Location of Firms in Suburban Communities. Princeton University
1973. #74-8682.
87. FISH, Alphoretta Southworth --- The Effect of a Selected Teaching Pro-
* cedure Upon the Ability of Sixth Grade Pupils To explain Environ-
mental Phenomena. University of Maryland, 1964. #65-09872.
88. FITZPATRICK, Clinton M. --- Philosophy and Goals for Outdoor Education.
* Colorado State University, 1968. #68-2,839.
89. FLETCHER, Ann --- A Comparison of Affective Changes Between Economical
Disadvantaged and Advantaged Sixth Graders at a Resident Outdoor
Education Program. Indiana University, 1973. #74-9717.
90. FLEMING, Glenn A. --- A Examination of the Relationship Between the
* Intents and Outcomes of a Resident Outdoor Education Experience.
Northern Illinois University, 1973. #74-2793.
91. FOGARTY, Jerry J. --- A Study of State and Regional Programs of Conservation
Education in the United States. University of Washington. 1942
92. FREDETTE, Barbara Wagner --- An Organized Program Relating Art and the
* Environment through Color Slides and Accompanying Script. University
of Pittsburg, 1969. #69-19,661.
93. FLEETWOOD, Robert --- The Development of the Environmental Science Test.
* and The Environmental Attitude Inventory, University of North
Carolina, 1972. #73-16,472.
94. FREY, Robert H. --- A Job Analysis of School Camp Directors. Boston
* University School of Education, 1962. #62-4,801.
95. FREEBERG, William H. --- Law and Liability of Municipal Charitable and
* Private Corporations for conducting Recreation Camps. Indiana
University, 1949.
96. FUNDERBURK, Robert S. --- The History of Conservation Education in the
United States. George Peabody College for Teachers, 1948.
97. GAMBLE, John Clark --- Economic Evaluation of the Impact of Alternative
* Environmental Regulations and Waste Management Systems on Illinois
Hog Producers University of Illinois at Urbana, 1973. #74-5573.
98. GARDINER, Elizabeth Arne, --- An Economic Model of Outdoor Recreation
Behavior. University of Michigan, 1974. # 75-10,175.
99. GEORGE, Robert Worth --- A Comparative Analysis of the Conservation
* Attitudes in Situations Where Conservation Education is a Part
of the Educational Experience. Michigan State University, 1966.
#66-14, 123.
100. GIFFORD, Adam Jr. --- Environmental Issues and Economic Growth. University
* of California At San Diego, 1972. #72-24,630.

101. GILBERT, Marion Luhman --- The Natural Science Museum as a Teaching Resource for Biology. University of Nebraska, 1962. #6,315.
102. GILLETTE, James H. --- A Study of Attitude Changes as A Result of Outward Bound Ski School, "C-20." University of Northern Colorado, 1971. #72-3260.
103. GILLILAND, John W. --- A Study of Administrative Factors in Establishing A Program of School Camping. New York University, 1949. #1,488.
104. GILLESPIE, Virginia B. --- A Study of Establish Guidelines for Programs of Family Camping in Order That Patterns of Operation Can be Suggested That Are Based on Validated Principles. New York University 1971. #72-20,673.
105. GLIDDEN, Harley Fremon --- The Identification and Evaluation of Principles of Soil and Water Conservation for Inclusion in the Secondary School Curriculum. University of Nebraska, 1954. #54-882.
106. GONINO, Vincent John --- The History and Development of the Huntington Memorial Outdoor Education Center Raquette Lake, New York, State University of New York College at Cortland. Ohio State University, 1972. #73-18,896.
107. GOOD, Darrel Lane --- Potential Impact of Environmental Pollution Abatement Alternatives on the Michigan Dairy Farming Industry. Michigan State University, 1972. #73-12,718.
108. GOTTLIEB, Joel --- The Preservation of Wilderness Values: The Politics and Administration of Conservation Policy. University of California, 1972. #73-15,626.
109. GRAFF, George Portsmouth --- Conservation Understandings in the Intermediate Grades. Ohio State University, 1962. #6,352.
110. GRILLEY, Helen E. --- Development of an Instrument for Evaluating Resident Outdoor Education Laboratory School Programs, Colorado State University, 1966. #67-1,114.
111. GRINDER, Robert Dale --- The Anti-Smoke Crusades: Early Attempts to Reform the Urban Environment, 1893-1918. University of Missouri - Columbia 1973. #74-18539.
112. GROSSMAN, Arnold H. --- Problem Tendencies in Children and Types of Behavior Problems Manifested by Children Deemed Acceptable as Campers in Organized Resident Summer Camps as Reported by Camp Directors. New York University, 1970. # 70-26,420.
113. GUNN, Janet Scout Lee --- A Comparative Study of Selected Personality Traits in College Students And Their Participation in Selected Outdoor Recreational Activities. University of Georgia, 1972. #72-34,080.
114. GUNTER, John Duane --- The Environmental Effects and Spatial Characteristics of Promiscuous Solid Waste Disposal Sites, University of Oklahoma, 1974. #75-6521 132pp.

115. GUSTAFSON, John A. --- A Study of Those Extra-Curricular Activities Which
* Contribute to Nature and Conservation Education in Certain Liberal
Arts Colleges. Cornell University, 1954. #10,584.
116. HAFER, Paul Egan --- Short Field Units in Contrast to the Long Field Trip
as a Vehicle for Teaching Biology to Prospective Elementary Teachers.
Cornell University, 1962. #63-2,827.
117. HALL, William Woodward --- Some Explorations in the Theory and Measure-
* ment of the Demand for Environmental Quality. Clemson University,
1972. #73-19,258.
118. HAMILTON, Charles Edward --- The Growth of Conservation Concepts Among
Sixth, Seventh, and Eighth Grade Pupils Under Two Types of Inservice
Teacher Education. University of California, Berkeley, 1956.
119. HAMILTON, Harold J. --- Toward a Management Information System for
* Environmental Surveillance. University of Southern California
1971. #72-3,777.
120. HAMMENN, Julianna Molnar --- Analysis of Environmental Education in a
* Value-Oriented Framework. United States International University
1973. #73-1,240.
121. HAMMERMAN, Donald R. --- A Historical Analysis of the Socio-Cultural
* Factors That Influenced the Development of Camping Education.
Pennsylvania State University, 1961. #61-2,370.
122. HAMMERMAN, William M. --- An Investigation of the Effect an Outdoor Edu-
* cation has Upon Elementary Education Students' Understanding of
How Learning is Facilitated. University of Maryland, 1958. #59-1,906.
123. HANSELMAN, David Lee --- Interdepartmental Teaching of Conservation at The
* Ohio State University; Ohio State University, 1963. #64-1,262.
124. HANSON, James Austin --- The Civilian Conservation Corps in the Northern
* Rocky Mountains. University of Wyoming, 1973. #74-13289.
125. HANSON, Walter V. --- A Guide for the Administration of School Camping
* in California Public Elementary Schools. Columbia University, 1968.
#69-6,377.
126. HARKNESS, Marjorie L. --- Man's Use of His Resources in Colorado, Colorado
* State College, 1963. #64-4,189.
127. HART, Thomas A. --- The Establishment of Principles of Human Relations
* that May be Used in the Transition of All-White or All-Negro Camps
to Interracial Camps. New York University, 1958. #59-1045.
128. HARTSHORN, Marion --- Model for a Dual Programmed Summer Day Camp for
* Mentally Retarded Children. University of Georgia, 1971. #72-2,490.
129. HARTUNG, John Vernon --- An Evaluation of an Experimental Stress-Challenge
* Environmental Education College Course. Southern Illinois University
1973. #74-6206.
130. HAUSERMAN, Billy D. --- The Effect of an Orientation to the Outdoors on
* Teaching Behavior in the Classroom. State University of New York.

131. HEBEL, Everette Louis --- Camping in New Jersey: Suggested Organizational and Administrative Procedures for Conducting School Camping Programs New York University, 1957. #58-600.
132. HUNNINGS, George --- The Ecological Basis of Conservation (With an Analysis of Teaching Procedures) Columbia University, 1956.
133. HEPPEL, Ruth --- Determining Changes College Students Undergo in Selected Categories as a Result of the School Camping Experience. Wayne State University, 1964. #65-1,831.
134. Herlihy, John Gilbert --- A Comparison of the Educational Purposes of Two Federal Youth Programs The Civilian Conservation Corps and The Job Corps of the Economic Opportunity Act of 1964. #67-03881.
135. HERR, Robert Donald --- Effectiveness of a Program of Agriculture in Elementary Schools with Emphases on Safety, Sanitation, and Conservation. #72-19319.
136. HIBBS, Clyde W. --- An Analysis of the Development and Use of Outdoor Laboratories in Teaching Conservation in Public Schools, University of Michigan, 1957. #58-928.
137. HILNERBRAND, Ronald Wayne --- Emerging and Potential State Leadership Roles in Environmental Education. University of Colorado, 1973. #73-1,782.
138. HOLLENBECK, E. Irene --- A Report of an Oregon School Camp with Program Emphasis Upon Outdoor Science Experiences. University of Colorado, 1958. #19-2,513.
139. HOMAN, Paul Barringer --- Educational Specifications for the Outdoor School. University of Denver, 1965. # 66-1337.
140. HORNBACK, Kenneth Elmer --- Orbits of Opinion: The Role of Age in the Environmental Movement's Attentive Public 1968-1972. Michigan State University. #74-27,424. 280pp.
141. HORSLEY, Albert Doyne --- The Effects of a Brief "Change-Agent Role-Playing" Procedure in College Geography Students' Attitude and Behavior Toward Environmental Conservation. Southern Illinois University, 1974. #75-13,241.
142. HORVAT, Robert Emil --- Fifth and Eighth Grade Students' Orientations Toward the Environment and Environmental Problems. University of Wisconsin. 1974. #74-10248.
143. HOSLEY, Edward Wendell --- A Comparison of Two Methods of Instruction in Environmental Education. University of Maryland, 1974. #74-29,071.
144. HUNEYCUTT, Mary Jane S. --- Effects of Information Distortion, Personalized Opposition and Defensiveness Upon Decision Maker's Responses To Environmental Pressure. The University of N. Carolina at Chapel Hill, 1974. #75-15,652.
145. HOUCK, Warren J. Jr. --- A Study of Conservation Education on the Wildlife Refuges of the United States A Report and Recommendation. Cornell University, 1950.

146. HOWELL, David Lynn --- The Effect of a Student Manual on the Attitudes of High School Students Toward Environmental Protection. Ohio State University, 1973. #73-26,841.
147. HOWENSTINE, William L. --- An Evaluation of Conservation Education in Relation to the Total Program of Eight School Camps. University of Michigan, 1958. #59-2,133.
148. HOWIE, Thomas Richard --- The Effectiveness of Outdoor Experience Versus Classroom Experience in Learning the Cognitive Dimensions of Environmental Education. The George Washington University, 1972. #73-16,728.
149. HUBBELL, Josephine W. --- A Philosophical Analysis of the Spiritual and Moral Values in Camping. New York University, 1956. #19-992.
150. HUDSON, Donald Ray --- Environmental Management and Public Policy: An Analysis of the Environmental Impact Statement Process With Emphases on Procedures of the Environmental Protection Agency and Federal Agency Activities in the Southeastern United States. Georgia State University, 1974. #74-18293.
151. HUG, John W. --- Analysis of the Factors Which Influence Elementary Teachers in the Utilization of Outdoor Instructional Activities. Indiana University, 1964. #64-11,064.
152. HULETT, Florence M. --- A Quantitative and Qualitative Study of Facilities For School Camping and Outdoor Education on State-Owned Lands in Illinois. University of Oregon, 1960.
153. HULLEMAN, Harold Wayne --- Effects of In-Service Training on Elementary Teachers Pertaining to Science Achievement and Attitudes Toward Environmental Science. Iowa State University, 1972. #73-8896.
154. INGMANSON, Dale E. --- Use of Near Shore Marine Environments as a Field Laboratory by Science Teachers and Students. University of Florida, 1965. #70-20,633.
155. IRISH, Edward Eugene --- A Determination of Materials Dealing with Soil Conservation and Suitable for Integrating Into Courses of High School Science For General Education. University of Michigan, 1949. #00-01248.
156. ISABELL, Louis Orville --- Identification of Concepts That will Serve as a Basis for Development of Environmental Education Instructional Materials. Washington State University, 1972. #73-56.
157. IRWIN, Frank L. --- Camping Education - Outline for College Course in Camping Education. New York University, 1948.
158. IVERSTINE, Joe C. --- The Impact of Environmental Protection on Chemical Plant Management: A Descriptive and Exploratory Analysis. Louisiana State University and Agricultural and Mechanical College, 1973. #74-18099.

159. JACOBY, Louis R. --- Perceptions of Environmental Quality in the City of Detroit: Concern About Noise, Air and Water Pollution as a Function of Exposure to Pollutants. University of Michigan, 1971. #72-4907.
160. JACKSON, John Younger --- An Environmental Education Plan for Montana. University of Montana, 1974. #74-24,011.
161. JAMES, Pauline --- The Role of Radio in Conservation Education. Cornell University, 1949.
162. JANUS, Samuel --- Personality Factors and Their Relationship to Adjustment in a Camping Situation. New York University, 1967. #68-4,780.
163. JENCKS, William Robert --- Regional Variation in Outdoor Recreation Participation in the State of Indiana. Indiana State University 1974. #75-3689. 157 pp.
164. JENNINGS, Thomas Adrian --- A General Methodology for Analyzing Demand for Outdoor Recreation with An Application to Camping in Florida State Parks. Florida University, 1975. #75-23,897. 197 pp.
165. JENSEN, Barbara Ellen --- Development of Camper Attitude Scale To Evaluate Attitudinal Change Toward a Specific Camp Objective. University of Iowa, 1965.
166. JESSUP, Harvey Michael --- Jay Bryan Nash, His Contributions and Influences in the Field of Physical Health, Recreation, Camping and Outdoor Recreation. New York University, 1967. #67-11140.
167. JINKS, Jerry Lee --- A Theoretical Model for a Pandisciplinary Environmental Education Curriculum. Kansas State University, 1974. #75-5186.
168. JOHNSON, Carl S. --- Teacher Education for Conservation, Ohio State University, 1951.
169. JOHNSON, Franz Reed --- Income Distribution Effects of Environmental Policy: An Application To Sulphur Dioxide Pollution. State University of New York at Stony Brook, 1975. # 75-16,218.
170. JOHNSON, Glenn --- The Effectiveness of Vocational Agriculture in Bringing About the Application of Selected Soil Conservation Practices in Southwest Louisiana. University of Arkansas, 1967. #67-08701.
171. JOHNSON, Shepard S. --- Ethics and Ecology in the Conservation Movement in the United States of America. Boston University, 1970. #72-22,370.
172. JOHNSON, Tessa Mae --- A Evaluation of a Semi-Objective Method for Appraising selected Educational Outcomes of School Camping. University of California, 1957.
173. JOHNSTON, James Baker --- A Taxonomic And Statistical Analysis of Opinions, Attitudes, Scope and Selected Content Areas of Environmental Education in Mississippi. University of Southern Mississippi, 1973. #74-3938.

174. JORIS, Lawrence Fredrick --- An Evaluation of a United States Soil Conservation Service "In-Service" Training Center. University of Nebraska, Lincoln, 1973. #74-607.
175. JOYNT, Daniel Francis --- Repeated Obstacles - Participant Expectation (Rope) Project : Design and Implementation of an Outdoor Learning Experience. Boston College, 1974. #74-19,725.
176. KALLA, Joseph A. --- An Evaluation of an Interdisciplinary Program in an Elementary Teacher-Education Curriculum. University of Wyoming, 1972. #72-32,790.
177. KASLING, Robert William --- Cooperating With Nature: a Reference Book of the Conservation of Natural Resources Prepared for the Junior High School Level. New York University, 1954. #00-10669.
178. KEATING, William Thomas --- Politics, Technology, and the Environment: Technology Assessment and Nuclear Energy, Indiana University, 1974 #75-8948. 402 pages
179. KING, John M. Jr. --- A Comparison of Attitudes Toward Public Camping in State and Federal Outdoor Recreation Areas. Indiana University 1970. #70-19,813.
180. KENYON, Raymond G. --- A Nine Year Comparative Study of the Status of Conservation Education in Public Elementary Schools of New York State from 1955 to 1964. State University of New York, at Buffalo, 1965. #66-3,517.
181. KEOWN, Harold Duane --- The Development and Evaluation of a Curriculum for the Blue Mountain Environmental School. Ball State University, 1974. #74-20,875.
182. KIRK, John Joseph --- An Analysis of State Laws Affecting the Operations of Children's Summer Camps in the United States with a Suggested Universal Legislative Program. University of Michigan. 1963. #64-841.
183. KLEINDIEST, Viola K. --- A Study of the Experiences of Camping for the Purpose of Pointing Out Ways in Which a School Camping Program May Supplement the Elementary School at the Sixth Grade level. New York University, 1957. #25-469.
184. KRAMER, John Martin --- The Politics of Conservation and Pollution in the USSR. University of Virginia, 1973. #73-24985.
185. KRANZER, Herman C. --- Effects of School Camping on Selected Aspects of Pupil Behavior - An Experimental Study. University of California 1958.
186. KRAUS, Marcus --- Science Education in the National Parks of the United States: A Descriptive Study of the Development of Science Education Programs and Facilities by the National Park Service and the Relationship of These to the Advent of Nature Study and Conservation Education in America. New York University. 1973. #73-30086.
187. KUHNEN, Sybil Marie --- The Effectiveness of Field Trips in the Teaching of General Botany, New York University, 1960. #60-1,921.

188. LAKHANI, Hyder Ali Gulamhusein --- Some Static and Dynamic Relationships
* Between Economic Development and Environmental Quality: The Case
for Transfer of Environment-Intensive Industries to Less Developed
Countries/Regions. University of Maryland, 1972. #73-18736.
189. LANTZ, Everett D. --- A Prospectus for the Administration of College
and Univeristy Camps. University of California at Los Angeles, 1955.
190. LAUG, George Milton --- A Study of Expressed Attitudes of Prospective
* Teachers Taking Part in Practical Conservation Activities. Syracuse
University, 1960. #60-02609.
191. LEFEBVRE, Claudette B. --- The Comparative Effects of Three and Six Week
* Periods of Residential Camping on Physical Fitness and Adaptive
Behavior in Children and Youth With Brain Dysfunctions Syndromes.
New York University, 1972. #72-20,643.
192. LEITH, Sylvia Gillespie, ---The Development and Evaluation of an Elementary
* Environmental Attitudes Program. University of Texas at Austin,
1973. #74-5274.
193. LELAND, William MacGregor --- Structure, Environmental Issue And the Level
of Citizen Mobility For Environmental Quality. University of Ill-
inois, Urbana, 1973. #74-11954.
194. LEPISTO, Lawrence Roland --- An Empirical Study of the Effect of Environ-
mental Product Attribute, Convenience, And Price on Product Prefer-
ence and Socially Responsible Consumer Behavior. The Pennsylvania
State University, 1974. #75,19,799.
195. LEWIS, Charles Albert --- Factors Influencing the Development of Outdoor
* Education. New York University, 1968. #69-3,186.
196. LEWIS, Ralph Edwards --- Widening Views of Landscape Appreciation: A
Minnesota Case Study. University of Minnesota, 1974. #75-12,107.
197. LEYDEN, Michael ---A Laboratory Oriented College Course in Environmental
* Geology. University of Florida, 1970. #71-17186.
198. LITTELL, Rufess Phil --- An assessment of Factors Related to Developing
* an Environmental Curriculum in the Community Colleges of California.
U. S. International University, 1974. #74-20,527.
199. LITTLE, Warren Masters --- A Survey of Training Programs for Auxillary
* School Personnel in Environmental Education in New England and
with Emphasis on the Role of Environmental Aides. University
of Massachusetts, 1972. #72-18,108.
200. LITTLEFIELD, Daniel F. --- Twentieth Century American Nature Writing: A
Study of Themes and Techniques. Oklahoma State University, 1971.
#72-21927.
201. LOWELL, Richard --- Four Attitudes Important to Environmental Education:
A Study of Sub-Cultural and Socio-Economic Status Differences.
RUTGERS University - The State University of New Jersey, 1974.
#75-17,353.

202. LUCAS, Arthur Maurice --- Environment And Environmental Education
Conceptual Issues and Curriculum Implications. Ohio State Univer-
sity, 1972. #73-11,531.
203. LUNDIN, Sven Anders Goran --- A Conditional Logit Analysis of the Demand
For Outdoor Recreation. University of California, Berkeley, 1975.
#75-22,326.
204. LYNCH, Francis Peter --- University, of Connecticut, 1973. #74-22
205. LYONS, Kathleen --- A Descriptive Study of Prospective Elementary Teachers
Attitudes Relating to Environmental Problems. Indiana University,
1971. #72-6,674.
206. MACMILLAN, Dorothy Lou --- A Survey of the Duties and Responsibilities
of Professional School Camp Directors and Counselors in a Selected
Group of California Camps. University of Oregon, 1957.
207. MAHAFFEY, Benjamin Donald --- A Study of Professional Recommendations for
Curricular Guidelines Environmental Interpreters. Texas A & M Univ.
ersity, 1973, #73-3,552.
208. MANGUN, Thomas Emmett III --- A Survey of General Ecology Course and the
Preparation and Testing of Programmed Instruction on Contemporary
Environmental Problems. Ball State University, 1974. #74-19,449.
209. MARGULIS, J.D. --- A Study of Existing Public School Sponsored Camping
Programs in New York State and an Analysis of Factors Which Might
Encourage the Development of Additional Camping Programs in The Public
Elementary Schools of New York State. University of Buffalo, 1952.
210. MARKS, Reita Jean --- A Comparison of the Effectiveness of Group Camping
Experiences on Change of Self-Concept for Campers with Professional
and Non-Professional Group Leaders. University of West Virginia, 1971
#72-5,143.
211. MARLETT, Bob --- The Development and Field Test of an Instrument of
Measure Secondary Students Attitudes Toward Selected Environmental
Education Concepts. Texas Tech. University, 1972. #72-32056.
212. MASON, Bernard S. --- Camping and Education. Ohio State University, 1930
213. MASTERS, William D. --- The Nature And Scope of Instruction in the Conser-
vation of Natural Resources in Grades One Through Eight in Certain
Illinois Schools. Indiana University, 1954.
214. MCCALL, Marbarat Ann --- The Organization and Administration of Camps
Conducted by Departments of Physical Education in Colleges, Teacher
Training Institutions and Universities in the United States. New
York University, 1943.
215. MCCORMICK, Florence R. --- The Outdoor Laboratroy: In-Service Education
in the Processes of Science. University of Arkansas, 1967.
#67-12,883.
216. MCFARLAND, James Peter --- A Theoretical Guide For Planning Community
Outdoor Physical Education and Recreation Facilities, University of
Alabama, 1974. #75-9822.

217. MCKENNA, Harold James --- An Innovative Environmental Science Education Program for Secondary School Science Teachers. Columbia University, 1973. #73-25,162.
218. MCKNIGHT, Eloise --- Contributions and Potentialities of School Camping. Columbia University, 1952.
219. MCNAMARA, Eugene Stephen --- A Comparison of the Learning Behaviors of Eighth and Ninth Grade ESCP Earth Science Students: One-half Experiencing the Laboratory Investigations in the Indoor Environment, the Other Half Experiencing Laboratory Investigations in the Outdoor Environment. Pennsylvania State University, 1971. #72-13,895.
220. MECHLINE, Jerry Eugene --- The Policy Analyst, General Staff, and Change Agent: A Case Study of Program Innovation and Implementation in the New York City Environmental Protection Administration, 1968-71. Princeton University, 1974. #75-20,651.
221. MENKHAUS, Dale Joseph --- The Effects of Environmental Legislation on the Structure of the Pesticide Industry: A Simulation Study. Purdue University, 1973. #72-15208.
222. MESSNER, Clarence John --- The Development and Try out of a Set of Criteria For the Evaluation and Improvement of a Conservation Education Program in an Elementary School. University of Michigan, 1958. #58-07760.
223. MEWHA, Alan Parker --- The Brandywine- A Small Region Approach to Conservation. Columbia University, 1951. #00-03365.
224. MNES, William Raymond --- Environmental Conservation Education in Minnesota, Colleges and Universities. University of Minnesota, 1971. #71-22,229.
225. MILLER, Dorothy --- A Study of the Educational Situation in the Nature Woodcraft and Handicraft Programs in 123 Camps During the Summer of 1945. Cornell University, 1946.
226. MILLER, Lee Mathers --- Lutheran Church Camping - A Theological Perspective. Columbia University, 1972. # 72-19,323.
227. MILLWARD, Robert Edward --- The Influence of a Resident Outdoor Program on the Attitudes of Sixth Grade Students Toward Outdoor Concepts Using Two Teaching Methods. Pennsylvania State University, 1973. #74-16043.
228. MODISSETT, Sandra Ann --- A Pattern of Curricular Experiences in Outdoor Education. University of North Carolina, 1971. #72-13324.
229. MOORE, Harriett Brown --- A Plan for the Organization of Camps as an Integral Part of the Public School System of the City of New York. Columbia University, 1943.
230. MORRISON, Edward Bottom --- A Comparison of the Effects of Teaching a Twelfth Grade Government and Sociology Class in an Environment Saturated With Study Trips and Resource Speakers With the Effect of a Traditional Course of Government and Sociology When Both Are Offered in a Voluntary Summer School Program. University of Pacific 1971. #71-28,078.

231. NOORTHI, S. Krishna --- Long-Term Planning of Economic Growth, Pollution Control and Energy Conservation. University of Pittsburgh, 1974 #75-8489.
232. NORTENSEN, Charles Otto, Factors Involved in Determining Attitudes Toward The Environment and Its Manipulation. University of Wisconsin, 1972. #72-23 752.
233. MOUSER, Gilbert Warren --- A Study of Opportunities for Leadership Training in Outdoor Education. Cornell University, 1950.
234. MOYER, Richard H. --- The Development and Standardization of the Moyer Unobtrusive Survey of Environmental Attitudes, University of Northern Colorado, 1975. #75-23326
235. NAGADEVARA, Vishnuprasad Ssv. --- A Modeling Approach to the Economic Impacts of Local Environmental Controls in Iowa and the Rest of the Country. Iowa State University, 1974. #75,10,495.
236. NELSON, Arthur--- A Study of Conservation Education in the Junior Colleges of the United States. Cornell University, 1949.
237. NOESKE, Nancy Rae --- A Comparative Study of the Effects of Different Instructional Treatments on Elementary Pupils Attitudes Toward the Urban Environment. Maryland University, 1974. #75-1815.
238. O'CONNOR, Henry Arthur -- The Administration of Conservation Courses in Certain Secondary Schools in the United States, University of Missouri, 1956. #00-18589.
239. OKAY, John Louis -- An analysis of the Soil Conservation Service Erosion Control Program in Michigan, Michigan State University, 1974. #75-14,802. 180 Pages.
240. OLIVEIRA, Ronald Anthony --- Econometric Analysis of Wilderness Area and Campground Use. University of California, 1973. #74-16281.
241. OLNSTED, Richard R. --- The Nature-Study Movement in American Education. Indiana University, 1967. #68-4742.
242. ORTGIESEN, LeRoy --- The Relative Effectiveness of Selected Filmstrips and Sound Motion Pictures in Teaching Soil Conservation in Ninth Grade Social Studies Classes. University of Nebraska, 1954. #00-07922.
243. PAQUIN, Thomas Francis --- Documentation and Analysis of The Development of Camp Greenough Environmental Education Cnter, An Alternative Public School at Yarmouth, Massachusetts. University of Massachusetts. 1973. #73-22,808.
244. PARKER, Donald Charles --- An Analysis of environmental Attitudes as Measured by a Modified Sematic Differential Instrument. Syracuse University, 1974. #75-10,564.
245. PASVOLSKY, Richard Lloyd --- Developing Environmental Perceptivity in Early Childhood. Indiana University, 1972. #74-2308.

246. PATRIE, Lawrence A. --- Physics in Conservation an Analysis of the Physios Content of Certain Representative Textbooks in Soil and Wildlife Conservation With Recommendations for Curricula of Teaching Training Institutions and of General Education. Cornell University, 1952.
247. FEDEN, Kenneth --- Development and Testing of an Interdisciplinary Environ-
* mental Education Unit for Seventh Grade Students. University of Mississippi, 1972. #73-1,285.
248. PEPPER, Nathan Hale --- A Study of School Camping With Special Emphasis on
* Program Objectives, Curriculum, Administaation and Evaluation. University of Houston, 1952.
249. PERKES, Albert Cordell --- A Survey of Environmental Knowledge and
* Attitudes of Tenth and Twelth Grade Students from Five Great Lakes and Six Far Western States. Ohio State University, 1973. #74-3287.
250. PERRY, Bradford George --- A Study of Selected Factors Associated With
* Environemtnal Attitudes of Big Stone Lake Area Residents. South Dakota State University, 1972. #72-24,719.
251. PETERSON, Peter V. --- A Preliminary Study of the Opportunities Presented
by Fresh Water Streams as Laboratories of Pre-Collage Science and Conservation Programs. Cornell University, 1953.
252. PETTUS, Alvin Morris --- Measuring Teachers' Attitudes Concerning Certain
Environmental Issues With Implications for Environmental Education. Virginia Polytechnic Institute and State University, 1975.
#75-2685.
253. PFANNENSTIEL, Mary Lou Theresa --- Life-Experiences of the Young Child:
* Environmental Analysis and Comparison. Kansas State University, 1972. #72-13358
254. PHILPOTT, Frank Excell --- School Camping in Florida: A Guide for Local
* School Administrations in Planning, Establishing and Administration of School Camping Programs. New York University, 1958. #59-1,048.
255. PICK, Diane Carol --- College and University Outdoor Education Centers-
* Present Status and Recommendations for the Future. Indiana University, 1972. #73-4,323.
256. PIKE, Kenneth --- Natural Science Experiences Significant to Elementary
School Programs of Outdoor Education. University of California at Los Angeles, 1959.
257. POTTER, Barrett George --- The Civilian Conservation Corps in New York
* State: Its Social and Political Impact (1933 -). State University at New York at Buffalo, 1973. #73-19226.
258. PRESNELL, William --- The Developments and Evaluation of an Audio-Taped
* Program of Instruction in learning Concepts of Ecology and Con-
servation. Cornell University, 1971. #73-8,989.
259. PROVENZANO, George Peter --- The Economics of Environmental Quality Man-
agement: A General Systems Approach. University of Illinois, Urbana-
Champaign, 1974. #75-407.

260. PULLIAM, Mabel Gertrude --- An Analysis of Selected Outdoor Education Programs and Recommendations for Curriculum and In-Service Education for the Outdoor Education Program of the Jefferson County, Colorado Public Schools. Colorado State University, 1963. #64-6308.
261. QUAINANCE, Charles W. --- Survey of Conservation Education in the Schools and Colleges of the United States. Cornell University, 1939.
262. QUINN, Eugene --- Creation of a Technique for Clarifying Environmental Values with High School Sophomores. Texas A & M University, 1973. #74-1045.
263. RATZLAFF, John Ray --- Effects of Environmental Characteristics Upon Storm Runoff and Sediment Production in Selected Middle Atlantic Watersheds. University of Maryland, 1974. #74-29103.
264. REED, Alden Merle --- Utilization of Community Resources by Public Elementary School Teachers. University of Pittsburgh, 1969. #70-8,622.
265. REED, Floyd L. --- A Study of Public Lands and Policies in Colorado With Implications for Education and Conservation. Cornell University, 1950.
266. REGNELL, John Bernard --- Conflicting Intergovernmental Relations in Environmental Regulatory Policy Development: The National and Arizona's Air Pollution Control Administration, 1971-1974. Arizona State University, 1974. #75-8.
267. REIGER, John Franklin --- George Bird Grinnell and the Development of American Conservation. Northwestern University, 1970. #71-1,949.
268. RENTSCH, Walter Augustus --- An Instrument to Measure the Minimal Understanding and Knowledge Possession Levels in Ten Environmental Concept Categories of an Environmentally Literate Citizenry. University of Michigan, 1973. #74-15831.
269. REYNOLDS, Donald Chester --- The United States Aluminum Industry: History Structure, Environmental Impact. New York University, 1973. #73-23,166.
270. RHEAD, Raymond Elmo --- A Proposed Interdisciplinary Approach to an Outdoor Education Program in the Professional Teacher Preparation Curriculum at Weber State College. University of Utah, 1967. #67-11,687.
271. RHOADES, Lawrence, W. --- A Close View of the 1952-53 Camping Program of Verona School, Battle Creek, Michigan, as a Guide to Future Action. Columbia University, 1953.
272. RIBLET, Donald Campbell --- Environmental Knowledge and Opinion Scales: Need, Design and Use - A Factor Analytic Study of Test Construction. University of Florida, 1971. #72-16,649.
273. RILLO, Thomas J. --- A Preliminary Definition of the Role of the Outdoor Education Coordinator in Representative Public School Outdoor Education Programs. University of Florida, 1964. #65-1336.
274. RITCHIE, Paul Corman --- The Identification of Certain Outdoor Activities to be Included in a College Physical Education Program for Men. University of Missouri, 1958. #58-07433.

275. ROBERTS, Omer Lonnie, Jr. --- Cypress Land and Floodway: Environmental
* Change and the Development of Land Utilization in the Archafalaya Basin,
Louisiana. The University of Tennessee, 1974. #74-17732.
276. ROGERS, Martin Humann --- Principles and Functions of Outdoor Education,
* Southern Illinois University, 1955. #16,559.
277. RONFELDT, Leo Leonard --- A Determination of Basic Urban Environmental
* Understandings Important for Inclusion in the Elementary School
Curriculum. University of South Dakota, 1969. #70-5,314.
278. ROSEN, Elliott Joseph --- Tikvah: A Special Program of Integrated Summer
* Camping and Its Effects Upon Emotionally Disturbed Adolescents and
Their Normal Peers. Columbia University, 1974. # 74-15986.
279. ROSS, Helen B. --- A Study of Conservation Education in the Elementary
* Schools of the United States. Cornell University, 1950.
280. ROTH, Robert E. --- Fundamental Concepts for Environmental Management
* Education (K-16). University of Wisconsin, 1969. #69-22,468.
281. RUPFF, Paul Ernest --- A Comparison of Aspirations with Achievement in a
* Group of Selected Michigan Public School Camps. Michigan State
University, 1957. #21,385.
282. SAAM, Lauriana --- A Teaching Aid in the Area of Conservation. Cornell
* University, 1950.
283. SACHSMAN, David Bernard --- Public Relations Influence on Environmental
* Coverage (In the San Francisco Bay Area). Stanford University, 1973.
#73-20514.
284. SANDMAN, Peter Mark --- Eco - Pornography: Environmental Advertising and
* Advertising Acceptance in the San Francisco Bay Area. Stanford
University, 1972. #72-16,786.
285. SARNOWSKI, Alfred A. Jr. The Development of A Technique for the Measurement
* of Values as Applied to Environmental Problems. State University of
New York at Buffalo, 1975. #75-18,839.
286. SATO, Edward --- A Guide for the Organization and Administration of
* an Outdoor Education Program in a Camp Setting for a Metropolitan
Public School System. Indiana University, 1962. #62-6512.
287. SCHAFER, Frank Graff --- An Administrative Guide for Initiating Resident
* Outdoor Education in the Public Schools. Columbia University, 1965.
#66-2,665.
288. SCHELLENBERG, Herbert David --- Identification, Measurement and Incorporation
* of Environmental Quality Objectives in Natural Resource Development.
Iowa State University, 1973. #74-9153.
289. SCHMALTZ, Norman John --- Cutover Land Crusade: The Michigan Forest Con-
* servation Movement, 1899-1931. University of Michigan, 1972. #73-6910.
290. SCHUETTE, Fred Joseph --- Case Study of a Continuing Education Program in
* a Leisure Skill: The Archery Segment of the Outdoor Education Project
of the American Alliance for Health, Physical Education and Recreation.
Michigan State University, 1974. #74-27,479.

291. SCHULTZ, Herbert Louis --- A Study of the Curricula of Selected High School Summer Music Programs as Presented at Camps or College Campuses. Columbia University, 1970. #71-5,598.
292. SCOTT, David Logan --- The Economics of Environmental Pollution: The Case of the Electric Power Industry. University of Arkansas, 1973. #73-27,453.
293. SENIOR, Blondel E. --- Sociometric Study of Children of Different Socio-economic Levels in an Interracial Interreligious Camp. University of Georgia, 1971. #72-2,539.
294. SESCO, Jerry Anthony --- Economics of Pollution and the Effect of Environmental Concern on the Primary Forest Products Industry: An Integrative Synthesis. Southern Illinois University, 1974. #75-13,251.
295. SECTER, Jay Semour --- Adjustment of Educable mentally Retarded Children in Integrated and Segregated Residential Summer Camp Settings and Attitudes of Normal Children and Camp Staff members Toward Educable Mentally Retarded Children. Fordham University, 1972. #73-1,518.
296. SHAPIRO, Sylvia --- Preschool Ecology Selected Environmental Variables and Classroom Behavior, Columbia University, 1971. #72-04186.
297. SHARP, Lloyd B. --- Education and the Summer Camp- an Experiment. Columbia University, 1930.
298. SHARRON, Mark M. --- The Problems of Environmental Management: A Manual Designed for Group Discussion, Including a Preliminary Program of Evaluation. New York University, 1972. # 72-20,685.
299. SHAW, Merlin J. --- The Educational Effectiveness of the Traveling School Camp, University of California.
300. SHELAR, Eugene --- A Study of the Use that is Being Made of the Out-of-Doors in Teaching in the Public Schools and in the Teacher Training Schools. Cornell University, 1949.
301. SHELTON, Ronald Lee --- The Environmental Era: A Chronical Guide to Policy and Concepts. Cornell University, 1973. #74-6322.
302. SHIFFORD, Kent Drummond --- The Origins of Modern Environmental Thought: A Study of the Writings of Daniel Defoe, Denis Diderot and Karl Marx. Northern Illinois University, 1974. #74-24,632.
303. SHULSTAD, Robert Normal --- The Effects of Environmental Contaminants on the Value of Outdoor Recreation: Mercury and Pheasant Hunting In Oregon. Oregon State University, 1974. #74-13425.
304. SIBLEY, The Effect of Simulation Games on Attitudes of Six Graders Toward the Environment. University of Virginia, 1974. #74-23,251.
305. SIKES, William Nick --- A Study of the Nature and Effectiveness of the Teacher of Environmental Problems to Gifted Science Students in Texas Public Schools, University of Texas at Austin, 1972. #73-18,497.
306. SIM, Andrew L. Jr. --- Factors to Be Considered in Developing Resources for Resident Centers for Outdoor Environmental Education, Columbia University, 1975. #75-20,229.

307. SIMMONS, John Benson --- An Evaluation of Value Clarification Techniques With Respect to Ecological Achievement and Attitudes. University of Northern Colorado, 1974. #75-5438.
308. SKELTON, Marion A. --- A Programmed Guide to Selected Spring Wild Flowers * of North America. University of Georgia, 1968. #69-9522.
309. SKIPPER, Kent Carpenter --- A Comprehensive Evaluation of a Therapeutic * Camping Intervention for Emotionally Disturbed Boys. University of Texas at Austin, 1974. #74-24-936.
310. SLATER, Donald P. --- The Effect of an Outdoor Experience on Sixth Grade * Students' Cognitive Understanding of Ecological Concepts. University of New Mexico, 1973.
311. SMITH, George Francis --- An Evaluation of Environmental Quality: Opportunity costs of Channelization and Land use Change in the Floodplain of the Obion-Forked Deer River Basin in Tennessee. University of Tennessee, 1974. #74-27239.
312. SMITH, Lenore C. --- An Investigation of Personnel Practices and Program * Organization in Public School Camping and Outdoor Education. University of California, 1951.
313. SMITH, Wendell Lee --- Outdoor Recreational Resource Development Through * Vocational Agriculture and the Cooperative Extension Service. Ohio State University, 1969. #70-06887.
314. SOFFAR, Allan Jarrell --- Differing Views on the Gospel of Efficiency: Conservation Controversies between Agriculture and Interior, 1898-1938. Texas Tech University, 1974. #75-7430.
315. SOLID, Myron Lee --- The Use of Comparative Analysis as an Evaluation of a * Junior High School Conservation Education Program. University of Colorado, 1971. #72-3,706.
316. SPARKS, Patricia M. --- The Development and Field Testing at the Junior High School Level of an Environmental Education Guidebook. Temple University, 1974. #74-28207
317. SQUIRES, John L. --- Standards for School Camp Programs. University of * Utah, 1951
318. STACK, Genevieve C. --- An Evaluation of Attitudinal Outcomes of Fifth * and Sixth Grade Students Following A Period of School Camping. University of Oklahoma, 1960. #60-3,628.
319. STAGNER, Ishmael W. II --- School Laws Affecting Certain Aspects of Outdoor * Education in the United States. Brigham Young University, 1970 #70-19,815.
820. STAFF, William B. --- Developing a Conservation Education Program for the * Ann Arbor Public School System and Integrating It into the Existing Curriculum (K-12). University of Michigan, 1963. #64-892.
821. STEEL, David T. --- The Effects of Physical Skills and Academic Self * Concepts on General Self Concept and Academic Achievement in a Camp Environment. Michigan State University, 1969. #69-20,936.
822. STEELE, William C. --- Some Achievements in Conservation in the United

323. STEPHAN, Sheryl Jo --- Analysis of Recreation Activities in Resident Outdoor Schools With Inferences for the Objective of Education for Leisure. Indiana University, 1973. #73-28,376.
324. STERN, Myles Steven --- Accounting Information for Environmental Decisions. Michigan State University, 1974.
325. STEWERT, Ian R. --- Central Park 1851-1871: Urbanization and Environmental Planning of New York City. Cornell University, 1973. #74-10211.
326. STIER, Milton J. --- An Analysis of the Operating Costs of Resident Camps in the United States. New York University.
327. STRADER, Herman Lee --- A Program of Conservation Education: A Sourcebook for Teaching Conservation in Science Programs (with Special References to the Problems and Policies in the Area of Richmond, Virginia). Columbia University, 1965. #65-11,711.
328. SWEENEY, Robert Emmett --- World Environmental Concerns: A Social Studies Unit. Carnegie-Mellon University, 1974. #74-26,654.
329. SWITZER, Laura Mae --- A Comparison of the Effectiveness of Eight-Week Campus Sessions and One-Week Workshops in Teaching Outdoor Recreational Activities. University of Oklahoma, 1972. #72-29,915.
330. TANKARD, George G. Jr. --- Site Requirements for Outdoor Instruction for Virginia Elementary Schools. George Peabody College, 1956. #19,764.
331. THOMPSON, Donna Jean --- Selected Dimensions of Space as Criteria for the Selection of (Playground) Equipment for Children in an Outdoor Learning Environment. Ohio State University, 1974. #75-3208.
332. THOMPSON, Harry C. --- Basic Guides for the Establishment and Development of School Outdoor Education: Special Reference for Great Neck School District. Columbia University, 1955.
333. TIPPEY, Byron Luther --- an Investigation of Misconceptions Held by Selected Sixth Grade Children Relative to Terminology Used to Describe Their Natural Environment. Ball State University, 1965. #65-13,765.
334. TRUXAL, Andrew Gehr --- Outdoor Recreation Legislation and Its Effectiveness: A Summary of American Legislation For Public Outdoor Recreation 1915-1926, Together With A Study of the Association Between Recreation Areas and Juvenile Delinquency in Manhattan, 1920 - Columbia University, 1929.
335. TRZYNA, Thaddeus Charles --- The Environmental Impact Requirement: An Innovation in State and Local Decisionmaking. Claremont Graduate School, 1975. #75-25834.
336. TURNER, Walton G. --- Analysis to Determine Significant Administrative Procedures Used in the Establishment and Operation of Selected Resident Outdoor Laboratory School Programs. Colorado State University, 1967. #68-469.
337. ULANOFF, Stanley M. --- The Origin and Development of Organized Camping in The United States 1861-1961. New York University, 1968. #69-3,203.

338. ULREY, Gordon Le Roy --- Effects of an Outdoor Educational Experience of
* Children's Locus of Control and Performances on Physical Tasks.
Boston College, 1974. #74-19,732.
339. URLRICH, Harlis Carl --- An Analysis of the Value, Utilization and Incorporation of the Objectives for Environmental Education in the State of Washington, Washington State University, 1974. #74-16402.
340. ULRICH, Roger Steffen --- Scenery of the Shopping Trip: The Roadside
* Environment as a Factor in Route Choice. University of Michigan, 1973.
#74-15878.
341. VAN DUSEN, George --- Politics of "Partnership": The Eisenhower Administration and Conservation. Loyola University, of Chicago, 1973. #74-16973.
342. VESSEL, Matt Frank --- A Study of Conservation Education in the Rural Areas of the United States, Cornell University, 1941.
343. VIETOR, Richard Henry Kingsbury --- Environmental Politics of the Coal Industry. University of Pittsburgh, 1975. #75-21772.
344. VISHER, Harlene H. --- a Determination of Conservation Principles and
* Concepts Desirable for Use in the Secondary Schools. Indiana University, 1960. #60-312.
345. VOGAN, Charlene L. --- Criteria for Evaluating Conditions and Changes
* Affecting Teacher-Student Relationships in Outdoor Education.
Michigan State University, 1970. #71-2184.
346. VOGL, Robert Lee --- Selected Illinois High School Superintendents Assessments of Citizen Action Roles for Seniors Seeking Environmental Reforms. University of Michigan, 1973. #74-15887.
347. VOGL, Sonia Margaret Wolff --- Attitude Change in Inservice Teachers Toward the Great Lakes Region in Response to Lectures or Individualized Inquiry and Retrieval. University of Michigan, 1973. #74-15,888.
348. VOGT, Kenneth --- Vacant Lands and Emerging Educational Needs. Columbia University, 1954.
349. VOYDAT, Mitchell L. --- A Guide on School Camping for the Administration. Columbia University, 1954.
350. WADSWORTH, Steven D. --- A Critical Evaluation of Camp Tokhir: An Environmental Therapy Laboratory for Communicative Disordered Children. Brigham Young University, 1972. #72-29,326.
351. WALKOSZ, Vivian A. --- A Study of Environmental / Ecological Education
* Programs in the Elementary Grades in Selected Cities of Illinois.
Northern Illinois University, 1972. #72-29,326.
352. WALSER, Wesley Max --- Environmental Education, Kindergarten Through Grade
* Twelve: A Resource Guide for Teachers. Duke University, 1973. #74-7574.
353. WALTON, Thomas W --- A Study of the Administrative Practices Used in the
* Operation of Thirty Selected Part-Time School Camp Programs in Michigan, Michigan State University, 1955. #14-282.

354. WARNER, Claude Kent. --- A Survey of Conservation and Science Education in Teacher Training Institutions in the United States. Cornell University, 1949.
355. WEATHERLY, Mark --- The Opinion of Parents Regarding the Range of
* Attitudes, Concepts and Personal Adjustment of their Sons Through Personal Counseling at Summer Camps. University of Virginia, 1971 #72-7,180.
356. WEAVER, Richard --- Conservation Education in some Federal and National Agencies in the United States. Cornell University, 1939.
357. WEDUL, Melvin --- Conservation Education in Selected Minnesota Elementary Schools and State Teachers Colleges; 1954.
358. WEISS, Iris Roshfeld --- The Development and Evaluation of a Self-Instructional Environmental Education Program for Elementary Teachers. The University of North Carolina at Chapel Hill, 1974. #75-15,717.
359. WEISS, Irving J. --- Enriching Science Through Outdoor Education, New
* York University, 1961. #61-2,5801
360. WENRICH, Esther M. --- The Staffing of Public Elementary School Camps.
* TC Columbia University. 1955.
361. WEST, Robert Z --- Cross-Media Instructional Resource Kit for Secondary
* School Seniors Preparing to Visit Independence National Historical Park, University of Pennsylvania, 1968. #68-14,467.
362. WESTCOTT, Cale Carlton --- A Comparison of Two Methods of Teaching Environmental Education. University of Maryland, 1974. #75-17,916.
363. WESTMORELAND, Stephen Clark --- Outdoor Activity Group Experience and Group Counseling With Institutionalized Children and Adults. North Texas State University, 1974. #75-7072.
364. WESTWATER, James Newcomb --- A Wide-Screen Multi-Image Presentation Using
* A Multidimensional Resource for Environmental Education: A Study of Teacher User Perceptions. Ohio State University, 1972. #72-215.
365. WETTAN, Richard G. --- The Life and Contributions of George Louis Meylan
* M.D. To Physical Education & Camping. Ohio State University, 1970. #70-19,377.
366. WHITE, Christopher --- The Effects of Conservation Workshops on Teachers.
* Cornell University, 1973. #73-19,518.
367. WHITE, Paul A. --- Conservation Education in Oklahoma Problems of Resource Use. Oklahoma State University, 1951.
368. WHITE, Roy C. --- A Study Associating Selected Conservation Understandings
* With Available Community Resources for Grades Four Through Twelve. University of Montana, 1967. #67-13,474.
369. WIENER, Morris --- Developing A Rational for Outdoor Education, Michigan
* State University, 1965. #65-14,290.
370. WIEVEL, Bernard F. --- Attitude Toward and Knowledge of Conservation
* Possessed by Students in Iowa High Schools. Iowa State University

371. WILEN, Issues in Environmental Decision Analysis: Uncertainty, Irreversibilities, and Option Value University of California, Riverside 1973. #74-13584.
372. WILES, Charles I. Jr. --- A Survey of Teacher Readiness as Determined by Attitudes and Academic Training for Outdoor Education in the Elementary Public Schools of Montgomery County, Maryland. George Washington University, 1969. #69-15,738.
373. WILL, Emery L. --- A Study of Conservation Education in the Secondary Schools of the United States. Cornell University, 1949.
374. WILLIAMS, John D. --- a Study of Curriculum Enrichment Through School Camping. University of Tennessee, 1954.
375. WINSTON, Barbara J. --- The Relationship of Awareness to Concern for Environmental Quality Among Selected High School Students. Northwestern University, 1974. #74-28,782.
376. WISE, Ronald C. --- Outdoor Versus Indoor Learning in Elementary School Science. Pennsylvania State University, 1970. #71-16,686.
377. WRIGHT, Francis Milton --- The Politics of an Environmental Interest Group: A Case Study of the Scenic Hudson Preservation Conference. University of Colorado, 1973. #73-23,311.
378. WRIGHT, James Henry --- The Effect of a Television Oriented Inservice Program on the Elementary Teachers Attitude Toward Some Components of Environmental Education. University of Denver, 1971. #72-12661.
379. YAMBERT, Paul --- A Principle and Concept Perspective of Conservation. University of Michigan, 1961. #61-1817.
380. ZACHER, Lawrence J. --- A Study of Factors Affecting the Environmental Knowledge of Eleventh Grade Students in Montana. University of Montana, 1974. #75-96.

MDS/rhm
1/76