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Forestry Bulletin No. 17: Films and Filmstrips on Forestry

Nelson T. Samson
Stephen F. Austin State College

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BULLETIN 17

APRIL 1969

**FILMS AND FILMSTRIPS
ON
FORESTRY**

NELSON T. SAMSON

Stephen F. Austin State College

SCHOOL OF FORESTRY

NACOGDOCHES, TEXAS

3362710
OCR

Stephen F. Austin State College

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*Part time
Bulletin No. 17

148750

BULLETIN 17

APRIL 1969

FILMS AND FILMSTRIPS ON FORESTRY

NELSON T. SAMSON

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Stephen F. Austin State College

SCHOOL OF FORESTRY

NACOGDOCHES, TEXAS

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FILMS AND FILMSTRIPS
ON
FORESTRY

Stephen F. Austin State College

1960

FILMS AND FILMSTRIPS ON FORESTRY¹

Nelson T. Samson, Ph.D.

Motion picture films and filmstrips in forestry and related fields are available from many sources in America. This publication is an attempt to provide for foresters and others interested in such aids a convenient means for selecting materials to meet their particular needs

The names and addresses of sources are found by reference to the indicated number in the source list. Thus, under "Forest Fires" is listed the film "Building The Fireline," which appears in the list of films followed by the notation "Source: 40, 132." Reference to these numbers in the source list indicates that the film may be obtained from Department of Resources and Economic Development, Concord, New Hampshire, or from the appropriate office of the U. S. Forest Service. "The following abbreviations are used in the descriptions of films: min. - minutes (running time of film); sd - sound; sil - silent col - color; B&W - black and white.

A number of U. S. Forest Service films are primarily for In-Service use and not available to the public, except for justifiable reasons. These are designated by an asterisk (*).

Since source agencies from which a film is available may have different lending policies, no information on costs or lending requirements is shown. All films are 16mm. Films which cannot be loaned, but must be purchased, are so designated. Some sources have geographic restrictions which limit the availability of their films. Wherever possible these have been noted. The listing of any film or company in this bibliography does not constitute any special endorsement by the School of Forestry or Stephen F. Austin State College. Likewise, listing in this publication does not obligate any of the sources listed to furnish films unless they so desire.

Additions, corrections, and suggestions will be appreciated. Send all material to the author.

¹This bulletin is a revision of Bulletin No. 7 published in April, 1965, entitled *Films and Filmstrips on Forestry*.

FILMS AND FILMSTRIPS ON FORESTRY

John T. Johnson, Editor

This book contains films and filmstrips on forestry and related subjects. The films are listed in the order in which they were prepared. The filmstrips are listed in the order in which they were prepared. The films and filmstrips are listed in the order in which they were prepared.

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TABLE OF CONTENTS

Sources of films and filmstrips	5
Film titles and descriptions	15
Filmstrip titles and description	63
Subject listing of films and filmstrips	71

This book contains films and filmstrips on forestry and related subjects. The films are listed in the order in which they were prepared. The filmstrips are listed in the order in which they were prepared. The films and filmstrips are listed in the order in which they were prepared.

- 1. AMERICAN FILM BOARD
2100 Avenue 4th
Washington, D.C. 20001
- 2. AMERICAN FILM BOARD
PRODUCERS INDUSTRIES
1200 K Street, N.W.
Washington, D.C.
- 3. AMERICAN INSTITUTE OF
FOREST CONSERVATION
1200 K Street, N.W.
Washington, D.C. 20001
- 4. AMERICAN PATHEFRONT
1714 A, South
Hollywood, California 91606
(1941)
- 5. AMERICAN FILM AND
ASSOCIATION
100 West 4th St.
New York, New York 10011
- 6. ARIZONA STATE
UNIVERSITY
1000 University Ave.
Tempe, Arizona 85281
- 7. ARIZONA STATE
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- 8. ARIZONA STATE
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- 39. ARIZONA STATE
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1000 University Ave.
Tempe, Arizona 85281
- 40. ARIZONA STATE
UNIVERSITY
1000 University Ave.
Tempe, Arizona 85281

SOURCES OF FORESTRY FILMS AND FILMSTRIPS

TABLE OF CONTENTS

SOURCES OF FORESTRY FILMS AND FILMSTRIPS 11

11

1. ACADEMY FILM SERVICE
2110 Payne Ave.
Cleveland, Ohio 44014
2. AMERICAN FOREST
PRODUCTS INDUSTRIES
1835 K Street, N. W.
Washington, D.C.
3. AMERICAN INSTITUTE OF
TIMBER CONSTRUCTION
1700 K Street, N.W.
Washington, D.C. 20006
4. AMERICAN PLYWOOD
1119 A. Street
Tacoma, Washington 98401
(Attention: Film Depart-
ment)
5. AMERICAN PULPWOOD
ASSOCIATION
605 Third Ave.
New York, New York 10016
6. ARIZONA STATE
UNIVERSITY
Audio Visual Center
Tempe, Arizona 85281
7. ARKANSAS STATE DEPT.
OF EDUCATION
Audio-Visual Service
Little Rock, Arkansas
(Available only to Arkansas
public schools, programs
related to public schools
and state colleges. Films
are available only by order
of the school audiovisual
coordinator or the admini-
strator.)
8. ARKANSAS STATE
TEACHERS COLLEGE
Conway, Arkansas
9. AUBURN UNIVERSITY
Visual Editor, Extension
Service
Auburn, Alabama 36830
10. BELOIT CORP.
Jones Division
Pittsfield, Mass. 01201
Att: Wm. Plouffe
Chief Photographer
11. BEMIS BRO. BAG CO.
4653 Humboldt Ave. N.
Minneapolis, Minnesota 55430
12. BIRD & SON, INC.
East Walpole, Mass. 02032
Also: Aero Drive
Shreveport, La. 71102
13. BOISE JUNIOR COLLEGE
1907 Campus Dr.
Boise, Idaho 83707
14. BOWATERS-SOUTHERN
PAPER CORP.
Calhoun, Tennessee
15. CALIFORNIA REDWOOD
ASSOC.
617 Montgomery St.
San Francisco, California
94111
Att: Miss Patricia A. Young
(Not sent out of U. S.)
16. CALIFORNIA STATE
COLLEGE
College A. V. Center
California, Pennsylvania
(Furnished free on request)
17. CANADIAN CAR FORT
WILLIAM
Box 67
Fort William, Canada
18. CANADIAN CONSULATE
Suite 1710
225 Baronne St.
New Orleans, Louisiana 70112
19. CANADIAN PULP AND
PAPER ASSOC.
2280 Sun Life Bldg.
Montreal, Canada
(Available on a loan basis
in Canada only)
20. CAPITAL FILM LABORA-
TORIES, INC.
470 E. Street S.W.
Washington, D.C.
(Films for sale only)
21. CARBORUNDUM
COMPANY
Lockport Felt Division
Newfane, N.Y. 14108
22. CATERPILLAR TRACTOR
CO.
100 N.E. Adams St.
Advertising Div. AB2C
Peoria, Illinois 61602
(Contact your nearest
caterpillar dealer.)
23. CENTRAL WASHINGTON
STATE COLLEGE
Audio Visual Library
Ellensburg, Washington
98926
24. CHICAGO TRIBUNE
Motion Picture Bureau
33 West Madison St.
Chicago, Ill. 60602

25. CLARK EQUIPMENT CO.
Construction Machinery
Division
Pipestone Plant, Box 599
Benton Harbor, Michigan
49002
(Loaned on a 10 day basis)
26. CLEMSON UNIVERSITY
Cooperative Extension Service
Clemson, South Carolina
29631
(Available only for S.C.)
27. COLONIAL FILM &
EQUIPMENT CO.
752 Spring St. N.W.
Atlanta, Georgia 30303
28. COLONIAL WILLIAMS-
BURG, INC.
Film Distribution Section
Box C
Williamsburg, Virginia 23185
29. CONNOR FOREST
INDUSTRIES
Box 810
Wausau, Wisconsin
30. CONSERVATION DEPART-
MENT STATE OF NEW
YORK
Film Loan Library
Albany, New York
31. CONSTRUCTION EQUIP-
MENT DIVISION
Westinghouse Air Brake Co.
Peoria, Ill. 61601
32. CONTEMPORARY FILMS
1211 Polk Street
San Francisco, Cal. 94109
33. CORLEY MFG. CO.
P.O. Box 471
Chattanooga, Tennessee
34. CORNELL UNIVERSITY
New York State College of
Agriculture
Film Library
Ithaca, New York
35. CORONET INSTRUCTION-
AL FILMS
65 E. S. Water St.
Chicago, Illinois
36. CURRICULUM MATERIAL
CORP.
1319 Vine St.
Philadelphia, Pa.
(For sale only)
Also: Curriculum of Texas,
Inc.
P.O. Box 2031
Austin, Texas 78767
37. DEMCO-GUNTER
Box 1488
Madison, Wisconsin 53701
(For sale only)
38. DEPT. OF NATURAL
RESOURCES
Film Library
State of Ohio
Columbus, Ohio 43212
39. DIERKS FOREST, INC.
P.O. Box 388
DeQueen, Ark. 71832
or: 810 Whittington Ave.
Hot Springs, Ark. 71901
40. DIVISION OF RESOURCES
DEVELOPMENT
Department of Resources and
Economic Dev.
State House Annex
Concord, New Hampshire
03301
41. DOW CHEMICAL CO.
Audio Visual Center
Abbott Road Bldg.
Midland, Michigan
42. EASTERN NEW MEXICO
UNIVERSITY
Film Library
Portales, New Mexico 88130
43. EIMCO CORP.
P.O. Box 300
Salt Lake City, Utah 84110
44. ENCYCLOPEDIA BRITAN-
NICA FILM LIBRARIES
4420 Oakton St.
Skokie, Illinois
Also: 2494 Teagarden St.
San Leandro, Calif.
94577
45. FILM ASSOCIATES
11559 Santa Monica Blvd.
Los Angeles, California
(Available for preview for
purchase consideration)
46. FILM CLASSIC EXCHANGE
8163 Santa Monica Blvd.
Hollywood, California
47. FINE HARDWOODS
ASSOC.
66 N. Lake Shore Dr.
Chicago, Illinois
48. FIRE-FIGHTING FILMS
74 President St.
New Rochelle, New York
(For sale only)

49. FLORIDA AGRICULTURAL
EXPERIMENT STATION
Florida Agricultural Extension Service
Gainesville, Florida
50. FLORIDA BOARD OF
FORESTRY
Florida Forest Service
Collins Building
Tallahassee, Fla. 32304
51. FLORIDA STATE
UNIVERSITY
Ed. Media Center
Tallahassee, Florida 32306
52. FORMEX COMPANY
1110 Snapps Ferry Rd.
Greenville, Tenn.
53. GARRETT ENUMCLAW
CO.
800 Stevenson Ave.
Enumclaw, Washington 98022
54. GEORGIA FORESTRY
COMMISSION
Box 819
Macon, Georgia 31202
55. GILBERT PAPER CO.
Menasha, Wisconsin
56. P. H. GLATFELTER CO.
Spring Grove, Pennsylvania
57. HAMMERMILL PAPER CO.
East Lake Rd.
Erie, Pennsylvania 16512
58. HIAB HYDRAULICS INC.
3410 Lancaster Pike
Wilmington, Delaware
(Copies are available for
appointed showings)
59. HOMELITE CORP.
167 Leslie Street
Dallas, Texas
or: Port Chester, New York
10574
60. HUYCK FELT CO.
Rensselaer, New York 12144
or: Aliceville, Alabama
61. HYSTER CO.
P.O. Box 289
Kewanee, Ill. 61443
62. IDEAL PICTURES
417 N. State St.
Chicago, Ill. 60610
or: 4431 We. North Ave.
Milwaukee, Wisconsin
53202
63. INDIANA STATE
COLLEGE
Indiana Film Service
Indiana, Pennsylvania
64. INDIANA UNIVERSITY
Audio-Visual Center
Bloomington, Indiana 47401
65. INDUSTRIAL FORESTRY
ASSOC.
1410 S. W. Morrison St.
Portland, Oregon 97205
66. INSULATION BOARD
INSTITUTE
111 West Washington St.
Chicago, Illinois
67. JAM HANDY ORGANI-
ZATION
2821 East Grand Blvd.
Detroit, Michigan 48211
(Branch offices in Chicago,
Dayton, Hollywood, Cali-
fornia, and New York)
68. KEEP OREGON GREEN
ASSOCIATION
2750 State Street
Salem, Oregon
69. KENT STATE UNIVERSITY
Audio-Visual Center
Kent, Ohio 44240
70. KNOWLEDGE BUILDERS
Visual Education Bldg.
Floral Park, New York
71. KOPPERS CO., INC.
Pittsburgh, Pa. 15219
72. LAKE CITY JUNIOR COL-
LEGE AND FOREST
RANGER SCHOOL
Lake City, Florida
73. R. G. LETOURNEAU, INC.
2399 South MacArthur
Longview, Texas
74. LOCKE FILMS, INC.
Division of Newman Visual
Education, Inc.
5922 So. Westnedge
Kalamazoo, Michigan
(Michigan and Indiana
only)
75. LOS ANGELES CITY FIRE
DEPARTMENT
217 South Hill Street
Los Angeles, California 90012
76. LOUISIANA STATE UNI-
VERSITY AND A&M
COLLEGE
Agricultural Extension
Service
Baton Rouge, Louisiana 70803

77. MACMILLIAN BLOEDEL PRODUCTS, INC.
Mr. E. L. Byess
Personnel Training
Coordinator
Pine Hill, Alabama 36769
or
Mr. J. S. Black
Corporate Communication
1199 W. Pender St.
Vancouver, British Columbia
78. MACWHYTE WIRE ROPE CO.
Public Relations Manager
Kenosha, Wisconsin 53140
79. MAINE DEPARTMENT OF AGRICULTURE
State House
Augusta, Maine
80. McCULLOCK CORP.
Public Relations Dept.
6101 West Century Blvd.
Los Angeles, California 90045
81. MICHIGAN DEPT. OF CONSERVATION
Lansing, Michigan
(Out-of-State loans are limited to June, July, August and Dec.)
82. MICHIGAN HISTORICAL COMMISSION
3405 N. Logan St.
Lansing, Michigan 48918
83. MICHIGAN STATE UNIVERSITY
Instructional Media Center
East Lansing, Michigan 48823
84. MINNESOTA FOUNDATION
305 Wilder Bldg.
St. Paul, Minnesota 55102
(Sale or Rent)
85. MISSISSIPPI FORESTRY COMMISSION
1106 Woolfolk Bldg.
Jackson, Mississippi 39201
86. MODERN LEARNING AIDS
1411 Slocum St.
Dallas, Texas
87. MODERN TALKING PICTURE SERVICE
1212 Avenue of the Americas
New York, N. Y. 10036
88. MONTANA STATE COLLEGE
Extension Service
Publications Department
Bozeman, Montana
89. MONTCLAIR STATE COLLEGE
Audio Visual Center
Film Library
Upper Montclair, New Jersey 07043
90. MURRAY MACHINERY, INC.
P.O. Box 960
Wausau, Wisconsin 54401
91. MUSTANG TRACTOR AND EQUIPMENT
P. O. Box 1371
7777 Washington Ave.
Houston, Texas
92. NATIONAL ASSOCIATION OF MFG.
Harry Ganjian
Supervisor of Film Dist.
277 Park Avenue
New York, N. Y. 10017
93. NATIONAL FILM BOARD OF CANADA
680 5th Ave., Suite 819
New York, New York 10019
94. NATIONAL FOREST PRODUCTS ASSOC.
1619 Mass. Ave., N. W.
Washington, D.C. 20036
95. NATIONAL WOMEN'S CHRISTIAN TEMPERANCE UNION PUBLISHING HOUSE
1730 Chicago Ave.
Evanston, Illinois 60201
96. NEKOOSA-EDWARDS PAPER CO.
Port Edwards, Wisconsin
97. NEW MEXICO STATE UNIVERSITY
Extension Film Library
Dept. of Ag. Information
Drawer 3 A1
Las Cruces, N. M. 88001
(New Mexico only)
98. NEW YORK UNIVERSITY
Film Library
26 Washington Place
New York, New York 10003
99. NORTH CAROLINA STATE UNIVERSITY
School of Forestry
Box 5488
Raleigh, N. C. 27607
100. ONTARIO PULP AND PAPER MAKER'S SAFETY ASSOC.
74 Victoria St.
Toronto, Ontario
(Films for sale, but not for rental outside Canada.)

101. OREGON STATE SYSTEM OF HIGHER EDUCATION
Dept. of Visual Instruction
Corvallis, Oregon
102. OSMOSE WOOD PRE-SERVING CO.
980 Ellicott St.
Buffalo, New York 14209
103. W. A. PALMER FILMS, INC.
611 Howard St.
San Francisco, California
(For sale only)
104. PANHANDLE A & M COLLEGE
Goodwell, Oklahoma 73939
(rental fee)
105. PENINSULAR PAPER COMPANY
Ypsilanti, Michigan 48197
106. PENNSALT CHEMICALS
Technical Services
P. O. Box 1297
Tacoma, Washington 98401
107. PETTIBONE-MULLIKEN CORP.
4700 W. Division St.
Chicago, Illinois
108. PHOTO LAB., INC.
3825 Georgia Avenue N. W.
Washington, D.C. 20011
109. POTLATCH FORESTS, INC.
Lewiston, Idaho 83501
110. PRINCETON TELEVISION CENTER
Box 431
Princeton, New Jersey
111. PURDUE UNIVERSITY
Film Library
Lafayette, Indiana
112. RARIG PRESENTATION SERVICES, INC.
2100 North 45th St.
Seattle, Washington 98103
113. RED CEDAR SHINGLE & HANDSPLIT SHAKE BUREAU
5510 White Bldg.
Seattle, Washington 98101
114. ROSEBURG LUMBER CO.
Box 1088
Roseburg, Oregon 97470
115. SHELL FILM LIBRARY
450 N. Meridian St.
Indianapolis, Indiana 45204
116. SOCIETY FOR VISUAL EDUCATION, INC.
1345 Diversey Parkway
Chicago, Illinois 60614
117. SODERHAMN MACHINE MFG. CO.
Talladega, Alabama 35160
118. SOUTHEAST MISSOURI STATE COLLEGE
Audio Visual Center
Cape Girardeau, Missouri 63701
119. SOUTHERN COLORADO STATE COLLEGE
Ed. Media Center
900 W. Orman Ave.
Pueblo, Colorado 81005
120. SOUTHERN FOREST EXPERIMENT STATION
10201 Federal Bldg.
701 Loyola Ave.
New Orleans, La. 70113
121. SOUTHERN ILLINOIS UNIVERSITY
Learning Resources Service
Carbondale, Illinois 62903
122. SOUTHERN PULPWOOD CONSERVATION ASSOCIATION
1365 Peachtree St., N. E.
Atlanta, Georgia 30309
123. SOUTHWESTERN STATE COLLEGE
Instructional Materials Center
Weatherford, Oklahoma 73096
(For rent only)
124. STATE DEPT. OF EDUCATION
Film Library
Dover, Delaware
(Delaware only)
125. STATE OF OREGON
Department of Forestry
Salem, Oregon 97310
126. STATE UNIVERSITY OF IOWA
Extension Division
Bureau of Audio-Visual Instruction
Iowa City, Iowa 52240

127. STATE UNIVERSITY OF
NEW YORK
College of Forestry
Office of Public Service &
Continuing Ed.
Syracuse, New York
Att: Mrs. Stella Kroft
(Films are available on a
free loan basis to users in
New York. Some films
may be rented for out-of-
state use and are so
marked.)
128. TAYLOR MACHINE
WORKS
Louisville, Miss.
129. TEXAS CHRISTIAN
UNIVERSITY
Audio-Visual Center
Fort Worth, Texas 76129
130. TEXAS FOREST SERVICE
Texas A & M University
College Station, Texas
(Addresses of District For-
esters and the counties
they serve:)
P.O. Box 469, Linden 75563
(Bowie, Camp, Cass,
Franklin, Harrison, Ma-
rion, Morris, Red River,
Titus Upshur)
Box 792, Henderson 75652
(Anderson, Cherokee,
Gregg, Panola, Rusk,
Smith, Wood)
P. O. Box 310, Lufkin 75901
(Angelina, Houston, Na-
cogdoches, San Augustine,
Shelby, Trinity)
P. O. Box 336, Woodville
75979
(Hardin, Jefferson, Polk,
Tyler)
Route 3, Box 81, Kirbyville
75956
(Jasper, Newton, Orange,
Sabine)
Route 1, Box 151, Conroe
77301
(Harris, Liberty, Mont-
gomery, San Jacinto,
Walker)
131. TIMBER STRUCTURES,
INC.
P. O. Box 3782
Portland, Oregon 97208
132. U. S. DEPT. OF AGRI-
CULTURE
Motion Picture Service
Washington, D.C. 20250
- (Applications should be
made to the regional office
the Forest Service serving
your state, as indicated
below:)
- A. U.S.F.S., Federal Bldg.
Missoula, Montana 59801
(Northern Idaho, N. Da-
kota, & Montana)
- B. U.S.F.S., New Federal
Bldg.
517 Gold St., SW
Albuquerque, New Mexi-
co 87101
(Arizona & New Mexico)
- C. U.S.F.C.
324-25th Street
Ogden, Utah 84401
(Utah, Nevada, Southern
Idaho, & Western Wy-
oming)
- D. U.S.F.S., 630 Sansome
St.
San Francisco, Calif.
94111
- E. U.S.F.S., P.O. Box 3623
Portland, Oregon 97208
(Oregon & Washington)
- F. U.S.F.S., 633 West
Wisconsin Ave.
Milwaukee, Wisconsin
53203
(Illinois, Indiana, Iowa,
Michigan, Minnesota,
Missouri, Ohio & Wisc.)
- G. U.S.F.S., P.O. Box 1631
Juneau, Alaska 99801
(Alaska)
- H. Colorado State Universi-
ty Visual Aids Section
Fort Collins, Colorado
80521
(Colorado, Kansas, Ne-
braska, South Dakota,
Wyoming)
- I. U.S.F.S., Center Bldg.
6816 Market St.
Upper Darby, Pa. 19082
(Connecticut, Delaware,
Kentucky, Maine, Mary-
land, Massachusetts, New
Hampshire, New Jersey,
New York, Pennsylvania,
Rhode Island, Vermont,
Virginia, & West Vir-
ginia)

- J. U.S.F.S., 50 Seventh St.
NE
Atlanta, Georgia 30323
(Alabama, Arkansas,
Florida, Georgia, Louisi-
ana, Mississippi, North
Carolina, Oklahoma,
South Carolina, Tennes-
see, & Texas)
133. U. S. DEPARTMENT OF
INTERIOR
Bureau of Land Management
Director
Washington, D.C. 20240
134. U.S. DEPARTMENT OF
INTERIOR
Geological Survey
(Addresses of regional of-
fices and the states served
are as follows:)
Pacific Region Engineer
U. S. Geological Survey
345 Middlefield Rd.
Menlo, California 94025
(Arizona, California, Ida-
ho, Nevada, Oregon, Utah,
Washington, Hawaii)
Rocky Mountain Region En-
gineer
U. S. Geological Survey
Federal Center Bldg. 25
Denver, Colorado 80225
(Alaska, Colorado, Mon-
tana, New Mexico, Wyo-
ming)
Central Region Engineer
U. S. Geological Survey
Box 133
Rolla, Missouri 65401
(Arkansas, Illinois, Iowa,
Kansas, Louisiana, Michi-
gan, Missouri, Nebraska,
North Dakota, Oklahoma,
South Dakota, Texas, Wis-
consin)
Chief Visual Services
U. S. Geological Survey
Washington, D.C. 20242
(Requests from all other
states)
135. UNITED STATES SENATE
Committee on Public Works
Washington, D.C. 20510
136. UNIVERSAL EDUCATION
AND VISUAL ARTS
221 Park Avenue, South
New York, N. Y. 10003
(For sale only)
137. UNIVERSITY OF ARIZONA
Visual Aids Bureau
Tucson, Arizona
138. UNIVERSITY OF
CALIFORNIA
Extension Media Center-
Distribution
2223 Fulton Street
Berkeley, California 94720
139. UNIVERSITY OF
COLORADO
Bureau of Audio-Visual
Instruction
Boulder, Colorado 80302
Att: Booking Clerk
140. UNIVERSITY OF GEORGIA
Center for Continuing
Education
Athens, Georgia 30601
(Rental)
141. UNIVERSITY OF IDAHO
Audio-Visual Center
Moscow, Idaho 83843
(Rental)
142. UNIVERSITY OF ILLINOIS
Visual Aids Service
704 South Sixth
Champaign, Illinois
143. UNIVERSITY OF MAINE
Audio-Visual Service
Ed. Building
Orono, Maine
(Available on a 3 day
rental basis)
144. UNIVERSITY OF MASSA-
CHUSETTS
Audio-Visual Center
Amherst, Massachusetts
01002
(Only for Massachusetts
organizations interested in
education)
145. UNIVERSITY OF
MINNESOTA
Agricultural Extension Film
Library
St. Paul Campus
St. Paul, Minnesota
(Available in Minnesota
only)
146. UNIVERSITY OF
MISSOURI
Adult Education and Exten-
sion Service
Visual Education Dept.
Columbia, Missouri 65201

147. UNIVERSITY OF NEBRASKA
University Extension Division
Instructional Media Center
Lincoln, Nebraska
148. UNIVERSITY OF NEW HAMPSHIRE
Audio-Visual Center
Durham, New Hampshire
149. UNIVERSITY OF NORTH CAROLINA
Bureau of Audio-Visual Education
Chapel Hill, North Carolina
(Service charge)
150. UNIVERSITY OF OKLAHOMA
Extension Division
Audio-Visual Education
Norman, Oklahoma 73069
151. UNIVERSITY OF TENNESSEE
Division of University Extension
Teaching Materials & Film Center
University Station
Knoxville, Tennessee 37916
152. UNIVERSITY OF TEXAS
Visual Instruction Bureau
Austin, Texas 78712
153. UNIVERSITY OF UTAH
Educational Media Center
207 Bennion Hall
Salt Lake City, Utah 84110
154. UNIVERSITY OF WASHINGTON
Audio Visual Service
Seattle, Washington
155. UNIVERSITY OF WYOMING
Audio Visual Services
Laramie, Wyoming 82071
156. VIRGINIA DEPT. OF EDUCATION
Film Production Service
523 East Main Street
Richmond, Virginia 23219
157. VIRGINIA POLYTECHNIC INSTITUTE
Agricultural Extension Service
Film Library
Blacksburg, Virginia 24061
158. VISUAL EDUCATION CONSULTANTS, INC.
2066 Helena St.
Madison, Wisconsin 53701
159. WASHINGTON IRON WORKS
1500 Sixth Ave.
South Seattle, Washington 98104
160. WASHINGTON STATE UNIVERSITY
Audio Visual Center
Pullman, Washington 99165
(Restricted to Pacific Northwest only, Rental Fee)
161. WEST VIRGINIA UNIVERSITY
Audio Visual Library
Morgantown, West Virginia 26506
162. WESTERN FORESTRY & CONSERVATION ASSOCIATION
American Bank Building
Portland, Oregon 97205
163. WHITTIER PUBLIC LIBRARY
336 South Washington Ave.
Whittier, California
164. WISCONSIN CONVERSION DEPT.
Visual Aid Library
Box 450
Madison, Wisconsin 53701
(Distribution restricted to Wisconsin)
165. WOODEN BOX INSTITUTE
55 New Montgomery St.
San Francisco, California 94105
(Restricted to adult use)
166. CONTINENTAL CAN CO., INC.
P. O. Box 160
Hodge, Louisiana 71247
167. WISCONSIN PAPER INDUSTRY INFORMATION SERVICE
104 N. Commercial St.
Neenah, Wisconsin 54956
168. INTERNATIONAL HARVESTER COMPANY
10400 West North Ave.
Melrose Park, Illinois 60160

ABC OF FORESTY

10 min-16 mm

These 10 minutes of foresty will provide you with the fundamentals of the forest and its uses. It will show the influence of the forest on the soil, the climate, the water, and the animals.

ABOVE THE HORIZON

22 min-16 mm

This interesting natural phenomenon of clouds and fog, a striking atmospheric condition, is shown in this film. It will show the clouds and fog in various parts of the world, and the effect of these clouds and fog on the climate and the life of the animals and plants. It will also show the effect of these clouds and fog on the human race.

AIRY THE TIMBERLINE

14 min-16 mm

The Airy Timberline is a film which shows the timberline in various parts of the world. It will show the timberline in the mountains, and the effect of the timberline on the climate and the life of the animals and plants.

ADVENTURES OF JIMMY HARRISON

9 min-16 mm

Jimmy Harrison is a young boy who has been exploring the world of the forest. He has been to the mountains, the rivers, and the lakes, and he has seen many things which are new to him.

**FORESTRY
FILMS**

AERIAL PHOTO INTERPRETATION FOR THE DISCOVERY AND EVALUATION OF WATER RESOURCES

22 min-16 mm

This film shows how the aerial photograph can be used to discover and evaluate water resources. It will show the effect of the water on the climate and the life of the animals and plants.

AERIAL PHOTO INTERPRETATION FOR THE DISCOVERY AND EVALUATION OF SOIL RESOURCES

22 min-16 mm

This film shows how the aerial photograph can be used to discover and evaluate soil resources. It will show the effect of the soil on the climate and the life of the animals and plants.

AERIAL PHOTO INTERPRETATION FOR THE DISCOVERY AND EVALUATION OF SOIL RESOURCES

22 min-16 mm

This film shows how the aerial photograph can be used to discover and evaluate soil resources. It will show the effect of the soil on the climate and the life of the animals and plants.

AERIAL PHOTO INTERPRETATION FOR THE DISCOVERY AND EVALUATION OF WATER RESOURCES

22 min-16 mm

This film shows how the aerial photograph can be used to discover and evaluate water resources. It will show the effect of the water on the climate and the life of the animals and plants.

AIR TANKER ATTACK

22 min-16 mm

This film shows how the air tanker can be used to attack forest fires. It will show the effect of the air tanker on the fire and the life of the animals and plants.

ALASKA: LAND TO GROW ON

22 min-16 mm

This film shows how Alaska is a land to grow on. It will show the effect of the land on the climate and the life of the animals and plants.

- 141. UNIVERSITY OF
MISSISSIPPI
Department of Extension
Division of
Instructional Media Center
Lumbago, Natchez
- 142. UNIVERSITY OF ALA.
- Birmingham
- Agricultural Center
- Auburn, New Montgomery
- 143. UNIVERSITY OF NORTH
CAROLINA
- Division of Adult-Vocational
- Education
- Chapel Hill, North Carolina
- (1977-1978)
- 144. UNIVERSITY OF
OKLAHOMA
- Extension Division
- Adult-Vocational Center
- Norman, Oklahoma 73069
- 145. UNIVERSITY OF
KENTUCKY
- Division of Extension
- Lexington, Kentucky
- 40506
- 146. UNIVERSITY OF TEXAS
- Visual Instruction Branch
- Austin, Texas 78712
- 147. UNIVERSITY OF UTAH
- Extension Media Center
- 201 Science Hall
- Salt Lake City, Utah 84142
- 148. UNIVERSITY OF
WYOMING
- Adult-Vocational Center
- Laramie, Wyoming 82031
- 149. VIRGINIA DEPT. OF
EDUCATION
- Film Production Service
- 600 East 5th Street
- Alexandria, Virginia 22304
- 150. VIRGINIA POLYTECHNIC
INSTITUTE
- Agricultural Extension
- Blacksburg, Virginia 24061

- 151. AGRICULTURAL EXTENSION
- COMMUNICATIONS UNIT
- 2000 G Street N.
- Madison, Wisconsin 53701
- 152. WASHINGTON STATE
UNIVERSITY
- 1800 Main Ave.
- Pullman, Washington 99164
- 153. WASHINGTON STATE
UNIVERSITY
- Adult-Vocational Center
- Pullman, Washington 99164
- (1977-1978)
- 154. WEST VIRGINIA
UNIVERSITY
- Adult-Vocational Center
- Morgantown, West Virginia
- 26506
- 155. WESTERN ILLINOIS
UNIVERSITY
- Adult-Vocational Center
- Macomb, Illinois 61455
- 156. WESTERN ILLINOIS
UNIVERSITY
- Adult-Vocational Center
- Macomb, Illinois 61455
- 157. WESTERN ILLINOIS
UNIVERSITY
- Adult-Vocational Center
- Macomb, Illinois 61455
- 158. WISCONSIN DEPT.
OF EDUCATION
- 1000 Walnut Street
- Madison, Wisconsin 53706
- 159. WOODROW WILSON
INSTITUTE
- 2500 Woodrow Wilson
- San Francisco, California
- 94118
- 160. CONTINENTAL VAN CO.
INC.
- P. O. Box 60
- Maple, Wisconsin 53402
- 161. WASHINGTON STATE
UNIVERSITY
- ADULT-VOCATIONAL
- CENTER SERVICE
- 1000 N. Commercial St.
- Pullman, Washington 99164
- 162. INTERNATIONAL
HARVESTER COMPANY
- 1840 West North Ave.
- Moline, Illinois 61704

FORESTRY
FILMS

- ABC OF FORESTRY** 10 min-sd-B&W
 Depicts improved forestry methods and practices. Treats the fundamentals of tree growth and structure. Stress is laid upon the utilization of the forest to produce wood products, recreation and economic stability.
 Source: 13
- ABOVE THE HORIZON** 21 min-col
 With outstanding natural photography of clouds and weather, a striking animation sequence concerned with the effects of solar radiation on the earth and its environment, and carefully selected photographic status reports of current research on the general circulation, numerical forecasting, hurricane reconnaissance, satellite meteorology and weather modification, this film features the fascinations, interrelationships, potentials and unsolved problems of the atmospheric sciences. Minimizing detailed explanations of any area, the film gives a birdseye view of the whole field of meteorology and is deliberately designed to initiate interest, stimulate curiosity and attract potential students.
 Source: 86
- ABOVE THE TIMBERLINE** 16 min-col
 (The Alpine Tundra Zone)
 Earth-rooted yet cloud-high, mountains excite our imagination and curiosity. Remote and baffling except to the most daring climbers, the high peaks are a world apart where only the most tenacious of living things endure. Forests give way to stunted vegetation; the only animals found here are the wild, tough ones. In true-life color this film presents an account of life at this specialized level, showing how plants and animals are specially adapted to the rigors of life above the timberline.
 Source: 32
- ADVENTURES OF JUNIOR RAINDROP** 8 min-sd-col
 Scenes of animated raindrops are supplemented by actual photography showing the contrasting results of poor and good watershed management.
 Released 1948.
 Source: 8-83-97-118-125-127-130-132-140-146-151-152-155
- AERIAL PHOTO INTERPRETATION FOR THE DISCOVERY AND EVALUATION OF FOREST RESOURCES** 34 min-sd-col
 This film illustrates how the techniques of photo interpretation are used to assist in the discovery and evaluation of the forest resources of a zone.
 Source: 20
- AERIAL PHOTO INTERPRETATION FOR THE DISCOVERY AND EVALUATION OF GEOLOGIC RESOURCES** 34 min-sd-col
 This film illustrates how the techniques of photo interpretation are used to assist the geologist in the discovery and evaluation of resources such as minerals, fuels, and construction material.
 Source: 20
- AERIAL PHOTO INTERPRETATION FOR THE DISCOVERY AND EVALUATION OF SOIL RESOURCES** 36 sd-col
 This film shows how soil surveys are expedited by the use of photo interpretation. It points out that proven techniques in this field combined with a limited amount of field work, make possible a general evaluation of the soil resources of a region quickly and economically.
 Source: 20
- AERIAL PHOTO INTERPRETATION FOR THE DISCOVERY AND EVALUATION OF WATER RESOURCES** 35 min-sd-col
 This film provides training in the techniques of photo interpretation in the discovery and evaluation of the hydrological resources of a country or region.
 Source: 20
- AIR TANKER ATTACK *** 20 min-sd-col
 An in-Service training film for supervisory and other forest management and fire suppression personnel. Shows how the air tanker, properly managed and coordinated according to established safety requirements, is used as an effective tool in control of forest fires.
- ALASKA, LAND TO GROW ON** 24 min-sd-col
 A pictorial account of natural resources, towns, industries, and people that make up the 49th state. The Bureau of Land Management administers over 90% of the public lands in Alaska and the film covers many of the resource management responsibilities of the Bureau.
 Source: 133

- ALL-NAILED TRUSS OF 60-FT. SPAN** 9 min-sd-B&W
 This film covers the research on testing of an all-nailed truss of 60-ft. span using nominal 2-in. lumber of standard lengths. The trusses have been used in Virginia and other parts of the U.S.A. with considerable success. One truss was exhibited during the annual meeting of the Forest Products Research Society in Minneapolis, Minnesota, during June, 1966
 Source: 157
- ALPINE SUMMER CAMP** 8 min-sd-B&W
 Activities of 4-H campers at a regular summer camp in the mountains of Southern Idaho. Regular activities include hiking, study of soils, plants of meadow and forest, timber cruising, and general conservation practices.
 Source: 141
- ALL POINTS OF THE COMPASS** 36 min-sd-col
 Around-the-world review of Bowater Organization activities during 1960 and 1961.
 Source: 14
- AMERICAN ELM FOR BEAUTY OR BEETLES** 22 min-sd-col
 Shows presence of many healthy elm trees in the lower Hudson Valley, where the disease has been present for about twenty years. Also, shows the elm bark beetle, the carrier of the disease.
 Source: 34-83
- AMERICAN SAWMILL, AN** 20 min-sd-col
 Is sequent to SAW TIMBER. Describes the lumber manufacturing process at the Boise Cascade Corporation's Emmett, Idaho mill.
 Source: 13-101-141
- AN ORDER FOR EXCELLENCE** 25 min-sd-col
 The film deals with manufacture and application of papermakers felts.
 Source: 60
- AROUND A GUM TREE** 16 min-sd-B&W
 Shows the importance of the hardwood gum tree to Australia. Describes the gum tree in detail and depicts its relationship to the mining, beekeeping, sheep raising, lumbering, and farming activities of the Australian economy.
 Source: 64
- ARTERIES OF LIFE** 10 min-sd-col
 Living Earth Series Part III
 Points out the importance of water in providing topsoil with necessary moisture, and of forests in storing and regulating the flow of water over large areas. Clearly explains the water cycle and the water table, and describes nature's method of distributing life-giving water for forested areas, through the soil, into streams and thence to drier areas miles away.
 Source: 6-7-64-74-83-104-118-138-140-145-146-151-153-154
- AT HOME WITH WOOD** 12 min-sd-col-B&W
 Second of two films showing research work at the Forest Products Laboratory in Madison, Wis., on ways of improving wood products and finding new uses for wood. This film deals mainly with house construction. The stressed skin panel and the structural sandwich construction of houses are explained. Also shows the research work with wood preservatives, paints, and outside finishing. (First film is A PIECE OF WOOD.)
 Source: 101-132-160
- AUTO-NAILED FURNITURE SKIDS** 7½ min-sd-col-B&W
 This film depicts the mass production of furniture skids at a rate of as many as 1500 skids per eight-hour shift. Much of the filming took place in the assembly plant of one of the largest furniture manufacturers. The remainder was filmed in the V.P.I. Wood Research Laboratory.
 Source: 157
- AVALANCHE CONTROL *** 38 min-sd-col
 An in-Service training picture shows the work of prediction and control of avalanches, conducted at the Alto, Utah, control center. It graphically shows the accomplishments of the Forest Service snow rangers. Narrated by Lowell Thomas. For In-Service use only. Released 1965
 Source: 132
- BAD DAY AT PLEASANT VALLEY** 18 min
 A community disregards fire prevention and emergency planning. A forest fire results in tragedy for the residents of the area. Released 1965.
 Source: 68

- BASEBALL BAT** 12 min-sd-B&W
The story of skilled workmanship behind the baseball bat. Shows how the tree is felled, cut into sections and split into billets in the woods and then shaped on lathes, seasoned, reshaped, sanded, finished, resanded and refinished to meet the exacting needs of professionals.
Source: 127
- BATTLE OF THE BEETLES** 15 min-sd-B&W
Documentary film of Englemann spruce bark beetle control project in western Colorado. Shows damage done by the beetles, and how the Forest Service, with technical assistance of other agencies has been working to stop the spread of this infestation. At stake are several million acres of healthy Englemann spruce on the National Forests and National Parks.
Source: 132-144
- BIG CITY PAPER** 16 min-sd-col
The film represents the full story of a great modern newspaper. You will see lumbering operations in the timber country of Quebec, and learn how progress has changed the old image of a lumberjack. You will see how logs are transported from timber limits to the mill, and how a modern mill turns pulpwood into newsprint.
Source: 24
- "THE BIG SKIDDER" YCA ARCH** 20 min-sd-col
Source: 73
- BIG WHEELS, THE** 8 min-sd-B&W
Source: 82
- BIRD BUILDING MATERIALS** 25 min-sd-col
Trip through Bird mills where dry felt and other wood products are manufactured into asphalt shingles, roofing and insulating siding.
Source: 12
- BIRTH OF A SOUTHERN PINE** 15 min-sd-col
Shows how seedlings are produced from fertilization of female flower, collection of mature cones, extraction of seed at state nursery, and first year in seed beds, to bundling of seedlings for shipment. Also stresses importance of good seed trees and fire protection.
Source: 76-122
- BLACK HARVEST** 25 min-B&W
This film features the large Donner Ridge forest fire which occurred in 1959 in Northern California.
Source: 68
- BLESSINGS OF GRASS** 19 min-sd-B&W
Story of grazing cattle on national forest land. Shows all related factors.
Source: 137
- BLOCK THAT TERMITE** 20 min-sd-B&W
Shows how to prevent termite infestation in new buildings and how to arrest further damage in termite-infested buildings. Released 1940.
Source: 7-64-76-97-101-140-146-151-161
- BLUEPRINT FOR BETTER SCHOOLS** 22 min-sd-col
Vividly shows use of wood in school design and construction with actual size sets of architectural details and wood products. Includes many colorful examples of modern wood schools throughout the country. Produced especially for school boards, architects, engineers and builders.
Source: 94
- BONUS ACRES** 14½ min-sd-col Cleared for TV
Traces the history of Wisconsin county forests from the submarginal farming years to the present day forest management program. Portrays these forests from their inception, rejuvenation, harvest and service to all Wisconsin citizens. The film shows how the land will be important in meeting the recreational demands of the future. Interesting facets of the film include scenic beauty, birds, animals, fishing, hunting and camping.
Source: 164
- BOREAL FOREST, THE** 19 min-col
The North American coniferous biome is shown as an ecological community with inter-related food chains, existing in a particular climatic zone in this film. Typical boreal insects, birds and mammals are seen in the coniferous forest with special attention given to their food habits.
Source: 138-153

- BOUNTY OF THE FOREST** 28 min-sd-col
Brief treatment of natural resources history. Describes modern tree farming and forest protection. Covers logging mills, and utilization.
Source: 23-69-127-157-160
- BUILDING THE FIRE LINE*** 27 min-sd-col
Typical fire problem and tactics required by fire boss, foreman and crews; including locating fire line, choice of control and suppression measures in Pennsylvania.
Source: 40-132
- BUILDING FOR TOMORROW** 21 min-sd-col
Shows how big, glued laminated timbers are "factory grown" for modern engineered timber construction. Depicts many building types using glued laminated wood arches, beams and other structural timbers.
Source: 131
- BULLDOZED AMERICA**
Dramatizes the need for conservation by showing the way the bulldozer is changing various phases of the landscape of our country. Discusses why the economic arguments for jobs and new markets usually win the conservation debate to the detriment of future generations. Shows large areas denuded of forests, marshes, and bays destroyed as they are filled in for housing developments and other major changes to the landscape in the name of economic progress.
Source: 64
- BURNING ISSUE, THE** 15 min
A fire prevention film that tells effect of forest fires on the present economy and future forest crops. Filmed in Southeastern United States.
Source: 125-130-132J
- CAMPAIGN FIRE** 28 min-sd-B&W
Shows the rapid development of fire headquarters when a fire becomes a campaign fire. Shows placement and organizations of the intelligence and service sections backing up the line sections all under the control of the fire boss.
Source: 40
- CANT GANG STORY, THE** 17 min-col-sd
Tells the story of a Georgia operator who formerly operated two mills and bought rough, green lumber from several other mills. He installed a small Linck gang saw and pre-cants with one of his circulars. Interesting first person commentary throughout the film.
Source: 33
- CARE AND MAINTENANCE OF FIRE HOSE** 21 min-sd-B&W
Nothing is more wasteful than injuries or death caused by hose failure. Unthinkable though it is to turn off the water supply of courageous firemen battling face-to-face with fire that is all too often the effect of improper care and maintenance of fire hose.
Source: 48
- CARE AND PRESERVATION OF TREES** 15 min-sd
A tree surgery picture showing the proper trimming and care of trees to make them healthy and vigorous.
Source: 126
- CARELESS CRIME, THE** 13 min-sd-B&W
The film deals with the individual's financial responsibility for causing forest fires through willful neglect, or intentional acts. An attempt was made to impress people with the fact that fires are investigated by modern investigative methods. The film is not available for loan to T.V. stations or other media outside of California.
Source: 126-131
- CHAIN SAW KNOW-HOW** 10 min-sd-col
Basics of handling chain saws safely. (Sale outside Canada only, rent in Canada).
Source: 100
- CHAIN SAW SAFETY** 12 min-136 frames-col-record+
Teaches safety to all chain saw users. Safety aspects include correct carrying, safe starting, refueling and fire prevention, safe use of the shoes and safety helmet and other preventive measures.
Source: 80
- CHAIN SAW SAFETY PAYS OFF** 25 min-sd-col
Shows advantages of the chain saw under actual forest conditions in felling, lumbering, and bucking trees of all sizes.
Source: 59

- CHAIN SAWS PAY OFF ON THE FARM** 27 min-sd-col
Points out that the farmers of today are increasing their income by cultivating trees as a cash crop. Photographed on location on farms and in forests and logging camps of Maine, Pennsylvania, New York, South Carolina and Georgia. Shows how the farmers use the chain saw and its various attachments to increase their earning power. Shows how the farmer fells, limbs, and bucks his trees into pulpwood lengths. Includes chain saw maintenance and safety portions made in cooperation with the American Pulpwood Association.
Source: 34-59
- CHAIN SAWS TURN TREES INTO MONEY** 30 min-sd-B&W
Shows how to use the sponsor's chain saw. Offers suggestions for making a woodlot profitable by selective cutting, thinning out weed trees, and replanting programs. Fine shots of tree felling. Instructive and revealing sidelights on forestry and safety practices.
Source: 9-34-59
- CHALLENGE OF FORESTRY IN NEW YORK STATE, THE** 22 min-sd-col
The nation's most highly industrialized State consumes wood products at a fantastic rate; yet it has seven million acres of idle land. This film tells the dramatic story of our need to put land to work. It shows the problems involved and illustrates how the State College of Forestry at Syracuse prepares its graduates to meet those problems. Scenes range from the Adirondack Highlands to the crowded New York City pavements, to the laboratories and classrooms of the Forestry College. Excellent for high school guidance purposes, for general showing to conservative groups, and as a general educational film.
Source: 127
- CHALLENGING CARY-LIFT** 30 min-sd-col
Depicts Pettibone Cary-Lift loader handling lumber, logs and pulpwood logs in saw mill yards and over tough terrain.
Source: 107
- CHANGING FOREST, THE** 19 min-sd-col
A study of a forest as a balanced community of living things; how a forest evolves in a series of stages; competition and cooperation in life forms; seasonal change in forest life. Numerous closeup studies of plant and animal species.
Source: 78-32-64-69-93-101-127-138-139-140-148-153-160
- CHANGING MAPLE COUNTRY** 23 min-sd-col
The newest and most economical techniques for gathering and processing maple sap are presented in this film which shows how an expanding industry is utilizing the resources of our maple forest.
Source: 34
- CHAPARRAL** 17 min-sd-col
The story of the plant community of dwarf trees adapted to the dry foothills of the western United States. Importance as a watershed, to prevent flood and devastation in the lower valleys.
Source: 37-138
- CLEARING THE WAY** 11 min-col
High-speed clearing—brush to timber—by tractors with cables and enormous steel "high balls."
Source: 62
- COACHING ON THE JOB*** 25 min-sd-col
Approximately 80% of Forest Service training is done on the job. This film explains the importance of this training in typical on-the-job sequences filmed in the field. Released 1964.
Source: 132
- COLLEGE OF THE OUTDOORS** 12½ min-sd-col
This film depicts the work-learn aspect of Wisconsin State University, Stevens Point, summer Conservation program. A six credit off-campus course for men, stresses geology, botany, game and fish management as well as forestry and soil conservation practices. Practical use of the tools of the trade, as well as philosophy of conservation is covered.
Source: 164
- COLOR MILL, THE** 18 min-sd-col
This is a brief tour of the manufacturing facilities of Peninsular Paper Company, along with a simple explanation of the manufacturing process.
Source: 105

- COLOUR OF LIFE, THE** 24 min-sd-col
Probes into the perennial miracle that lies behind the growth of a seedling, the seasonal upsurge of life in a forest giant, and the mysterious alchemy of a single leaf. Reveals the silent, methodical way in which nature clothes her woodlands in the verdant green of spring time and the flaming riot of autumn.
Source: 18-32-93-157
- COMMON ERRORS IN FIGHTING FOREST FIRES** 28 min-sd-B&W
A training film devoted to exposing many of the common errors in organization, training, and attack of a fire-fighting crew. Such errors can cause confusion and unnecessary loss of timber, and result in the fire reaching serious proportions when it might otherwise have been controlled and put out.
Source: 40
- COMPARATIVE FIRE TEST ON TIMBER AND STEEL BEAMS** 15 min-sd-col
Illustrates an actual test on the fire resistance of glue-laminated timber and steel "T" beams.
Source: 94
- COMPARATIVE FIRE TEST ON WOOD AND STEEL JOISTS** 10 min-sd-col
Provides building designers and owners with reliable information on the comparative behavior of unprotected wood and steel joists. Shows results of a fire test in which wood joists and steel joists were exposed simultaneously to identical fire conditions.
Source: 94
- CONDITION RED** 14 min-sd-col
Documentary on entomologist's effort to rid the Pacific Coast forest of the lodgepole needle miner, a microscopic insect which defoliates and kills the lodgepole pines.
Source: 160
- CONNOR COUNTRY** 12 min-sd-col
The history and diversification of this almost century old hardwood lumber manufacturer, from the forest to the merchantable product—lumber, flooring, furniture, cabinets, and trim and moulding.
Source: 29
- CONIFER TREES OF THE PACIFIC (NORTHWEST)** 16 min-sd-col
School boy and girl notice carefully the general shape of a douglas fir, grand fir, pacific silver fir, alpine fir, western hemlock, sitka spruce, western red cedar, lodgepole pine and ponderosa pine, bark and needles.
Source: 23-121-154-162
- CONSERVATION AND OUR FORESTS** 15 min
Intended for company use in telling the forest management story to employees and community audiences.
Source: 45
- CONSERVATION OF NATURAL RESOURCES** 11 min-sd-B&W
This film is especially useful in the state of Idaho, which is blessed with an abundance of natural resources. It shows the results of waste in the lumber industry and agriculture, and what is being done to check this waste.
Source: 13-51-153
- CONSERVATION ROAD** 19 min-sd-B&W
Shows the historic depletion of our mighty forest lands and stresses the great need for wise use of our natural resources. Released 1947.
Source: 64-127-147
- CONSERVATION VISTAS** 14 min-sd-col
This film is specifically designed for teachers, school administrators, and school boards. The film presents classroom and outdoor activities that add interest to the teaching of conservation. Teachers are introduced to a wide variety of conservation experiences, from those found in their everyday environment to the more ambitious programs of school forests and school conservation camps.
Source: 101-127-132-137
- CONSERVING A HERITAGE** 16½ min-col
Highlights efforts taken to preserve our wildlife and natural resources while bringing needed supplies of oil and gas from beneath the earth. Follows oil drillers and conservation officials to wildlife ranges, forests, and offshore waters.
Source: 161
- CONSERVING OUR FORESTS TODAY** 11 min-sd-B&W
Emphasizes the many recent advances in forest conservation—use of helicopters and plastic hose in fire fighting, new insecticides and chemicals for the control of disease, aerial seeding and mechanical transplanting. Shows values of forest for lumber, grazing, water and recreation, and how forest lands are being protected and renewed for the future. Released 1960.
Source: 23-34-51-64-69-83-101-121-127-137

- CONTROL OF LOW GRADE HARDWOODS** 11 min-col
Millions of acres of forest lands in the South are stocked with low grade hardwoods. These trees will have to be replaced with those that can be sold. Shows the type of conditions where low grade hardwood control work should be done and demonstrates the methods that have been proven successful by forest research, to make woodlands more productive.
Source: 26
- CONTROLLING THE SPRUCE BUDWORM** 20 min-sd-col
Uses of the airplane in spraying huge areas of Oregon's timbered lands in an effort to control this pest.
Source: 154
- COOPER'S CRAFT** 39 min-sd
Film depicts the fascinating steps in making of a cask . . . from the felling of a huge oak in Kingsmill woods nearby to the stamping of the cooper's mark on the finished product.
Source: 28
- CORLEY COST CUTTING TRIO, THE** 10 min-col
Tells about the Corley Manufacturing Company's automatic log deck equipment which includes the Corley hydraulic log turner, hydraulic stop and loader and the Corley electric live deck. Film originally made silent with explanatory titles. Commentary. May be shown silent or on a magnetic sound projector.
Source: 33
- CREW BOSS *** 35 min-sd-col
Film designed to assist in training forest crew bosses. It dramatizes a crew boss and a project work crew on their first shift on a fireline from which they emerge as a disciplined high-morale team. A good fire camp, fireline practice, and the characteristics of a good supervisor are covered. Discussion leader's guide available. Released 1962.
Source: 40-125-132
- CRIMES OF CARELESSNESS** 11 min-sd
Depicts the appalling loss of life and property which results from preventable fires. Illustrates unsafe practices which cause fires; safe ways of doing the same things.
Source: 40-126-147-155
- CROWN FIRE** 14 min-sd-col
Devastation of coniferous forests by crown fires. Plantations are particularly vulnerable to human carelessness. Immediate detection by the towerman and exact location starts the plan of action designed for control of the fire in the shortest possible time. Immediate control of a crown fire is not always possible and the best method is to prevent it from starting. Recreational and scenic scenes of picnicking, boating and beautiful streams can be enjoyed throughout.
Source: 164
- CUTTING CREW, THE** 15 min-sd-col
Stresses safety in the woods and emphasizes techniques for avoiding accidents.
Source: 59-112
- CUTTING THE TIMBER** 8 min-sd-B&W
Source: 82
- DANGER — FLAMMABLE** 27 min-sd-B&W
Documentary film on the watershed fire problems in Southern California.
Source: 75
- DAYLIGHT IN THE SWAMP**
In a series of flashbacks an old logger tells of his way of life and his work in the forests. He describes the many changes in logging during his long career.
Source: 77
- DAYS OF A TREE** 28 min-sd-col-B&W
A boy and his dad learn first-hand the effects of repeated forest fires on fishing streams. They visit a State Forest Service station and learn of the fire prevention and control measures constantly underway by state, private, and federal conservation agencies to keep fires out of America's forests. Released 1958. (For sale)
Source: 40-127-132
- DAYS OFF IN THE FOREST PRESERVE** 10 min-sd-col
Portrayal of the recreational facilities and possibilities in your State Forest Preserve throughout the year.
Source: 29

- DEBARKING** sd-col
Showing portable debarkers equipped with grapple loaders for feeding.
Source: 58
- DECIDUOUS FOREST, THE** 28 min-sd-col
Depicts the geographic location of deciduous forests in North America and describes adaptive limitations determining these geographic boundaries.
Source: 64-69-101-142
- DEEP ROOTS** 29 min
Depicts the struggle for survival of a Southern rural family. It shows small woodlot owners who are now selling their wood to paper manufacturers. Also illustrates conservation of timber through scientific farming and selective cutting.
Source: 121
- DEER LIVE WITH DANGER** 11 min
Shows the struggle for survival among animals of the north woods. Points out that man has upset the balance of nature by destroying the preying animals. Investigates particularly the effects of this change on the ever-increasing deer population which not only faces starvation but is annually ruining more of our woodlands.
Source: 121
- DESIGN FOR DISASTER** 27 min-sd-col
Documentary of Los Angeles' worst fire and the reasons behind it. The story of a conflagration which destroyed 484 homes under conditions unique in the annals of fire fighting.
Source: 75-125
- DESIGNED FOR LIVING** 13½ min-sd-col
Story of good architectural design and planning of homes for modern, convenient living with emphasis on the use of certain insulation board materials, particularly insulation sheathing in such homes.
Source: 66
- DEVELOPING PEDIGREE TREES** 18½ min-sd-col
Deals with forest tree research in its most basic phases and points out possibilities for development of better trees. Photography by Charlie Shotts in the I & E Department of Mississippi Forestry Commission.
Source: 85
- DIRECT SEEDING THE SOUTHERN PINES** 20 min-sd-col
Tells of the development of a new method of establishing pines on cut over land.
Source: 120-132J
- DO IT WITH E's** 27 min-sd-col
The three E's of safety—education, engineering, and enforcement—are demonstrated by practical examples. The Ranger solves typical Forest Service accident prevention problems as he applies the three E's to his work.
Source: 125-132
- EASIER WAYS OF LOGGING** 26 min-sd-col
Photographed in Eastern United States, this film encourages farmers and other small woodland owners and operators to log more safely and economically. Shows the sources of information on better logging available from the lumber industry, trade associations, forestry organizations, equipment manufacturers, and government. Attention is given to the use of proved fundamentals of logging for greater efficiency, and good forestry as an aid to better wood production. Released 1952.
Source: 26-34-111-132-142-146-157-161
- EASTERN WHITE PINE** 19 min-sd-col
White pine is important in the forest economy of eastern communities. It is a winner in the market, where it brings a higher price than other comparable softwoods. The film portrays the work of a "service" or "farm" forester, who gives technical advice to a private woodland owner on control of pests. Explains diagnosis.
Source: 127-132
- ECONOMIZE WITH ATTACHMENTS** 15 min-sd-col
Shows attachments for lift trucks in actions. Shows revolving clamps, slip-on arms, turn-a-fork, side-shift, load push and pull and clamps for paper rolls and cartons. Can be booked through Allis-Chalmers' Engine-Material Handling Division, Milwaukee, Wisc.
Source: 62
- EIMCO 106 IN FIRE FIGHTING, THE** 15 min-sd-col
Pictures taken of a 205hp Eimco 106 Bulldozer during an actual vast forest fire in the Clearwater Timber Area, near Lewiston, Idaho, during the late summer of 1959.
Source: 43

- ENCHANTED RIVER, THE** 10 min-sd-B&W
Simon, the honest woodsman, has his choice of a silver axe or a golden axe. Chose neither, and asked only for his own plain axe.
Source: 137-147
- ENDLESS FOREST, THE** col
The film was produced to show that the preservation of our forest resources is a perpetual process, involving a complex system of management that not only will maintain a continuous production of raw materials but also insure that the natural forest will always remain, both as a recreational area for man and a home for the wildlife which first inhabited these forest lands.
Source: 39-87
- ENEMY IS FIRE, THE** 25 min-sd-col
Shows methods of organizing a logging operation for the prevention and suppression of fire. Considers such factors as temperature and humidity.
Source: 112-125
- ENVIRONMENT FOR LEARNING** 13 min-sd
A film designed to interest the general public as well as architects and school planners in the advantages of modern wood school construction. Has many examples of successful wood school designs and wood products in use.
Source: 94
- EVERYMAN'S EMPIRE** 20 min-sd-col
Shows and explains the values and resources of the U. S. National Forests—lumber reserves, storehouses of water, grasslands for grazing, refuge for wildlife, and recreational facilities. Released 1948.
Source: 8-23-34-111-127-137-140-142-147-150-151-153-160-161
- EXTRA FOREST DOLLARS** 13 min-sd-col-B&W
Shows how wise use and protection of our forest resources, coupled with native American ingenuity and industry, can keep our forests growing their special products for extra dollars. Released 1952.
Source: 34-127-132
- FALLING AND BUCKING TIMBER** 15 min-sd-col
Describes the proper methods used in the Pacific Northwest to fell and buck timber in new timber, burned over areas, hillsides, and blasting snags. Excellent refresher for experienced loggers. Gives positive instruction to new workers.
Source: 112
- FAMILY FOREST, THE** 12¼ min
A documentary of the ceremonies honoring the first privately owned woodland in the Nation to be officially designated a "Family Forest." The good-management procedures used in the Maryland farm woodland have resulted in profit for the owners and helped the economy of the State and Nation by conserving natural resources. Released 1963.
Source: 132
- FARM BOYS FORESTRY CAMP** 11 min-sd-B&W
Record of the activities of forty boys at the Clark County State Forest receiving training to act as forestry leaders in their county farm program.
Source: 111
- FARM FORESTS PAY OFF** 10 min-col
How private owners may handle their woodlands to make them yield regular crops either in increased evaluation or actual income.
Source: 101
- FARMING THE WOODLANDS** 28 min-sd-col
Shows how a woodland owner can benefit through forest management. Proper management, home use of forest products, use of commercial products by various industries and recreational aspects of woodland management are depicted in an interesting, informative manner.
Source: 164
- 50,000 WINDOWS** 22 min-sd-col
Spinning and dyeing of paper into yarn and the manufacture of open mesh paper produce bags.
Source: 11
- FIGHTING LARGE FIRES IN BRUSH AND GRASS** 30 min-sd-col
Shows planning and execution of methods of attack, assignment of men and equipment, etc., in fighting large grass and brush fires in the western range country of Utah, and surrounding states. Released 1947.
Source: 40

- "FINGERS OF STEEL" SERIES FJ STACKER** 16 min-sd-col
Source: 73
- FIRE CALL** 14½ min-sd-col
Shows old and new methods of preventing and controlling forest fires. Encourages forest fire control. (For sale)
Source: 140
- FIRE CALL JEREMIAH** 33 min-col
A factual story about a raging forest fire and the struggle by ground and airborne firefighters to bring it under control. Disney 1960.
Source: 101-121-132-142
- FIRE CONTROL SIMULATOR** 11½ min-col
This film is intended to explain the use of the simulator and the various advantages of its many uses. It is not intended to train instructors in how to use the simulator. The fire training simulator places trainees in a real-life situation in learning to fight forest fires.
Source: 132
- FIRE HOSE** 20 min-sd
Laying, advancement and care of 2½" fire hose on building fires.
Source: 40
- FIRE IN THE FOREST** 22 min-sd-col
Shows the effect of wind, slope, fuel, moisture, natural and manmade features on the spread of a forest fire. Explains the use of instruments in a fire weather station and how the burning index is found. Shows the daily and seasonal changes that affect fire behavior.
Source: 40-83-132
- FIRE ON THE LAND** 27 min-col
Shows how wildfires destroy reproduction, plantations, and standing timber. Fire affects the protective cover of the soil, affects plant succession and can lead to weeds and erosion.
Source: 84-127-130
- FIRE PLOW PERFORMANCE AND USE *** 14½ min-sd-col
A fire control training film designed to show the advantages of mechanized fireline-building equipment over the use of handtools. Demonstrates the types of plows evolved through experimentation and experience, as well as the modern transports available to get them on the line quickly. The ways in which such equipment, when operated and managed by trained personnel, saves timber stands and reduces suppression costs are stressed.
Source: 132
- FIRE VS. FIRE *** 26 min-sd-col
To assist fire-control managers in developing abilities to know when and why fire control and the technical requirements of using fire in this way. For F.S. and cooperator personnel responsible for fire suppression, tactical decisions, and implementation. Released 1965.
Source: 132-137
- FIRE WEATHER** 20 min-sd-B&W
Explains how the U.S. Weather Bureau gathers forest fire weather data and distributes warnings of fire hazards.
Source: 76-125-137-146-148-151-155-161
- FIRE WEATHER** 25 min-sd-col
Filmed in the forests of Washington and Oregon showing how hunters, fishermen, campers, and picnickers can cooperate with forest operators in prevention of forest fires. Also, explains the influence of weather on fire conditions.
Source: 112-155
- FIRE WEATHER *** 27 min-col
An orientation film aimed at giving foresters and other managers of fire-suppression crews a specific knowledge of weather elements and processes important in planning fire-suppression strategy. For supervisory F.S. fire suppression managers in cooperating agencies. Released 1964.
Source: 132
- FIRE WEATHER OBSERVATIONS** 10 min-sd-col
Training film for the beginner. Shows how to make observations using the standard instruments found in a fire-weather shelter. Points out why accurate daily weather measurements are important and emphasizes the relation between fire weather and fire danger.
Source: 103

- FIRST IN THE FOREST** 10 min-sd-col
A demonstration of the Beloit Corp's system for tree harvesting through utilization of the L-166 Beloit-boom loader, the Beloit Skidder, and the Beloit Harvester.
Source: 160
- FLAMING GORGE** 28 min-sd-col
Construction of Flaming Gorge Dam on the Green River in Utah, a unit of the Upper Colorado River Storage Project, as seen through the eyes of an old resident.
Source: 134
- FLATBOATMEN OF THE FRONTIER** 10 min-B&W
Portrays an important phase of the American pioneer agricultural economy of early 19th century. Shows the Ohio Valley farmers as they fell trees, prepare the lumber, and build a flatboat which will carry their produce down the river to the market.
Source: 6-7-44-126-137-153-155-161
- FLORIDA'S FOREST RANGER SCHOOL** 15 min-col
Tells the story of the Forest Ranger School at Lake City, Florida. Involves the instructional program, both theoretical and field instruction, as well as the daily routine of the students. Involves the recreational aspects of a student's life wherein emphasis is given liberally to the many outdoor recreational facilities in and around Lake City.
Source: 72
- FOREST, THE** 28 min-sd-col
Film shows scenes of recreation, wildlife, water, range, and timber harvesting. Multiple use benefits of our National Forests. Included are scenes of trail riding in the wilderness, family picnics besides trout streams, skiing, and cattle grazing on the National Forests. Released 1960.
Source: 9-64-101-111-125-132-137-140-160
- FOREST AND CONSERVATION, A** 10 min-col-B&W
Shows forest conservation measures employed by a progressive lumber camp and by the government. Shows correct logging procedure with emphasis on reduction of waste. Gives a planned reforestation program of planting of seedlings to care of mature trees. Outlines methods of fire fighting and fire prevention.
Source: 51-121-126
- FOREST CONSERVATION** 11 min-sd-col
Calls attention to the many ways in which man has depleted the forest by greedy and ignorant exploitation for his own gain. Suggests what is being done and must continue to be done in order to save the forest and its vast resources. Produced by the Conservation Foundation in association with the New York Zoological Society.
Source: 7-44-64-69-83-101-121-137-138-142-147-150-151-153-154-160
- FOREST FIRE** 22 min sd-col
N.Y. Conservation Dept. picture showing forest fire fighters at work spotting fires, equipment used, and what to do in case of forest fires.
Source: 30
- FOREST FIRES AND YOU** 14½ minsd-B&W
Minimizing forest fire damage hinges largely on the cooperation of outdoor users during the critical spring and fall hazard periods. Conservation cartoonist examines some of the "Jekyll and Hyde" characteristics of fire.
Source: 81
- FOREST FOREVER** 25 min-sd-col
A plan for minimum management on private forest lands with local control.
Source: 40
- FOREST GROWS, THE** 11 min-sd-col
Presents the story of how our forests grow. Points out and describes the various elements that contribute to the mature forest emphasizing the unique contribution of each element. Explains forest zones in relation to temperature and rainfall. Defines the phrase "the climax forest." Produced by the Conservation Foundation in association with the New York Zoological Society.
Source: 7-44-46-64-69-83-101-126-137-138-139-142-145-146-147-151-153-154-160-161-121
- FOREST IN A MUSEUM** 11 min-sd-col
Features the 1¼ acre "Beaver National Forest" exposition at Ghost Ranch Museum in New Mexico. Tells the story of multiple use through small scale models of animals, people and fire towers with real trees, grass and water. Living animals and birds on exhibit at the museum are also shown.
Source: 132-161
- FOREST LOOKOUT, THE** 10 min-sd-col
The day's work of a U. S. Forest Service lookout in a national forest is shown. We follow her as she uses instruments to check the weather, scans the forest for signs of smoke, reports a fire, and we watch as an emergency helicopter and a truck crew control it.
Source: 64-121-137

- FOREST MANAGEMENT IN ACTION** 13 min-sd-col
Tells what kind of forests we have in New York, where they are, what they produce, and how the woodland owner can manage his woods better through assistance from the Conservation Department under the New York Forest Practice Act.
Source: 30
- FOREST PATTERNS—BEAUTY AND USE** 19 min-sd-col
A motion picture slide presentation by Chief Cliff presented at the 36th Annual Convention of the National Council of State Garden Clubs, Portland, Oregon, May 1965. This is a major policy speech, stating the position of the Forest Service regarding logging practices and our responsibilities in Natural Beauty Programs.
Source: 101-127-132-137-161
- FOREST PRODUCES, THE** 11 min-col
Portrays the development by the forest of the great life-giving resources which man exploits. Describes timber and how it grows. Explains the watershed's vast underground reservoir. Recalls the facilities of the forest for man's use in physical and spiritual recreation. Suggests how these forest resources are threatened by man. Produced by the Conservation Foundation in association with the New York Zoological Society.
Source: 7-8-14-51-64-69-83-121-126-137-142-145-146-147-150-151-153-154-160-161
- FOREST—PULP LOGGER** 20 min-B&W
The story of timber showing the original uses made of it and the current uses made of it and the current trend for men's suits, paper pulp, etc.
Source: 18
- FOREST RANGER** 12 min-sd-col
Tells the story of the forest ranger's work in water conservation, lumbering, and fire fighting. Illustrates the work of men who "spot" fires from fire towers, and portrays crews and equipment in action at an actual fire.
Source: 7-8-40-44-69-83-118-119-121-137-139-148-150-151
- FOREST ROAD MAINTENANCE** 27 min-sd-col
Training film for road maintenance personnel showing the results of common mistakes in road maintenance and, in contrast, the proper methods of such care. Released 1948.
Source: 132
- FOREST SERVICE ENGINEER** 24 min-sd-col-B&W
This is the story of the Forest Service engineers, men who share with forest rangers the responsibility of managing, protecting, and developing the resources of the national forests. They design and supervise the construction of all forest roads and trails. This picture tells the story of Joe Evans and Bill Drake, forest service engineers. It describes how they feel about the challenge of the job and the opportunity to work for their fellow Americans.
Source: 132
- FOREST SMOKECHASER** 28 min-sd-col
Training film for smokechasers and lookouts who handle one-man fires in Western United States. Putting out a small lightning fire from the time the smokechaser leaves the lookout, after spotting the fire, until final cleanup. Released 1948.
Source: 125-132-142
- FOREST TREASURES** 13 min-sd-B&W
Lumbering in a central province of Sweden. Scenes of lumbering, paper-making and manufacture of wood pulp paper.
Source: 83
- FORESTRY** 20 min
The learner is shown many ways in which forests of the world are being used: lumber for construction; woodpulp for making paper; rubber, cocoa and quinine for a variety of uses. The film makes clear the degree to which conservation methods employed by man determine the extent to which this important natural resource is preserved for future generations.
Source: 123
- FORESTRY AND FOREST INDUSTRIES** 11 min-sd-B&W
Shows how government has passed laws to protect forests. Also work of ranger, logger, lumber jack, mill operator, grader, kiln-dryer, trimmer.
Source: 7-8-64-83-126-139-146-147-148-151
- FORESTRY COLLEGE** 30 min-sd-col
State University, College of Forestry at Syracuse. Highlights the several facets of modern forestry and allied fields being explored by the College and its students. The everyday human importance of forest products, watershed protection, wildlife, and forest recreation is illustrated.
Source: 127

- FORESTRY SUMMER CAMP** 14½ min
Peter Fletcher, forester, says a professional forester is a technically trained man and his training does not all come from the classroom. He needs to experience and know the many problems of harvesting a timber crop. To gain this experience the School of Forestry (Missouri) maintains a summer camp. Fletcher shows the practical training that students receive.
Source: 146
- FORESTRY (WAY WE LIVE SERIES)** 20 min
One of mankind's oldest ways of making a living is shown as an industry of today, vastly affected by man's exploitation of timber lands in the past and the prevailing climatic conditions around the world. We see timber harvested for construction purposes and the making of furniture; for the manufacture of paper and plywoods, and trees cultivated for such products as rubber, cocoa and quinine.
Source: 121
- FORESTS AND CONSERVATION** 10 min-sd-col
Reforestation and fire protection essential to permanent supply of wood for ever-expanding paper industry. Role of research in utilization and conservation of forest resources.
Source: 7-8-35-62-63-69-83-127-139-147-153
- FORESTS AND RECREATION** 14½ min-sd-B&W
More of Michigan's forest lands are being managed for recreation rather than solely for timber production. The accent is on "elbow room" in exploring the greater recreational potential of our public forests.
Source: 81
- FORESTS AT WORK** 13min-sd-col
The lumber industry in the Douglas fir region, logging, manufacturing, uses of Pacific Northwest lumber, tree farming, and the economic aspect of the forest products industry. Released 1953.
Source: 23-101-154-160
- FORESTS FOREVER** 18 min-sd-col
Shows what can be done to stop destructive cutting practices, restore and maintain growing stock, and safeguard your production.
Source: 40
- FORESTS TO FURNITURE** 14½ min-sd-B&W
Follow a modern-day Paul Runyan as he starts a tree on its way to becoming a representative piece of Michigan's finest furniture. Learn why better management of our many small woodlots and forests is the key to supplying our growing lumber needs.
Source: 81
- FOREVER LIVING FORESTS, THE** 27 min-sd-col
The dramatic story of the age-old redwood forests and how proper forest management ensures a perpetual crop of timber. Shows how sound conservation methods result in complete utilization of the tree from felling through milling. Illustrates how redwood is milled for use in industry and for residential, school and church construction.
Source: 15-62
- FORMATION OF RAINDROPS** 26 min-col
Beginning with the condensation of water vapor on water soluble nuclei in the atmosphere to form cloud droplets, this film describes and develops the two mechanisms known to be responsible for the growth of cloud droplets to the size of raindrops, i.e., coalescence and glaciation. Current experimental techniques are employed to show that cloud droplets can never reach raindrop size by condensation alone, that larger cloud droplets can combine or coalesce with slower falling smaller ones when electrical forces of attraction are present, and that the transfer of water vapor from supercooled cloud droplets to ice nuclei can result in the formation of ice crystals and snow. Natural and lapse time photography of clouds is employed to illustrate the results of these processes.
Source: 86
- FORMEX FABRICS — A PROGRESS REPORT** 27 min-sd-col
On synthetic fabrics for paper machines. Narrates the development of these fabrics and shows the results obtained from recent installations. Several case histories are shown.
Source: 52
- FREE HORIZONS — THE STORY OF OUR NATIONAL PARKS AND FORESTS** 17 min-sd-B&W
The work of our National Park Service in conserving our National Parks. Shows much of the beauty and grandeur of the parks. Shows the history and growth of America as conserved in our national parks.
Source: 7-142-151

- FROM THESE FORESTS** 25 min-sd-col
Shows how recreational opportunities and good forestry practices are combined on woodlands owned by one large paper company. The story of good wildlife and forestry management is told with scenes of hunting and fishing that will appeal to all audiences as well as the sportsman.
Source: 26
- FROM TREE TO NEWSPAPER** 10 min-sil-B&W
Includes steps involved in felling a tree, getting out logs, floating them to market, making wood pulp, and making paper ready for printing.
Source: 64
- FROM TREE TO SUGAR (Maple Syrup in Vermont)**
Source: 46
- FROM TREES TO LUMBER** 14 min-sd-B&W
Story of modern lumbering from the tree to the consumer. Various scenes of portable sawmills appear to be located in different lumbering regions. The method of snaking logs from the woods by tractor. Scenes of the tractors building beds and hauling logs to the railroad terminals, where logs are picked up by trains and transported to the mill.
Source: 6-9-16-23-26-34-40-42-69-83-89-101-111-123-127-130-137-139-141-143-144-145-146-147-148-50-53-54-155-160-161
- FROM TREES TO PAPER** 12½ min-sd-B&W
Complete process in manufacturing paper, mechanical and chemical tests. It shows by dramatic photography and simple diagrams how paper is made from trees. It also tells how scientific forest management assures growth of repeated tree crops.
Source: 6-9-16-26-34-40-42-69-83-88-101-111-123-127-130-137-139-141-142-143-145-146-147-148-149-150-23-153-155-160
- FROM WOOD FIBERS TO PAPER** 21 min-sd-col
This film explains the composition of paper and how it is made; the mechanical and chemical separation of wood fibers and the rejoining of these fibers along with additives to produce paper. Featured are the students, faculty, and research chemists of State University, College of Forestry at Syracuse University who carry out the educational and research programs in pulp and paper technology. The educational program provides young men with promising careers leading to managerial positions in the paper industry, while the research chemists are working on the mysteries of the chemical behavior of wood, leading to stronger and brighter pulps for paper making.
Source: 127
- FRYING PAN AND THE FIRE, THE** 18 min-sd-col
Camping trip of two girls, and how their carelessness starts a forest fire. Hints on human carelessness causing forest fires.
Source: 23-34-101-111-130-151-155-157-161
- FUNGUS PLANTS** 11 min-sd-B&W
Shows the growth and reproduction of various mushrooms, molds, and other fungi. The economic importance of these plants as food. Their destruction of dead organic matter and their causing disease in plants.
Source: 7-8-64-123-126-137-146-147
- GEORGIA ON THE MOVE** 15 min-16mm-col
Former Governor Carl Sanders takes you on a trip through dynamic Georgia: a Georgia that is rapidly asserting its position as the number one state in the Southeast. Humming industries, busy air and sea ports, full employment, yet a state whose people retain their tradition of Southern Hospitality—this is Georgia.
Source: 54
- GEORGIA'S HARDWOOD COUNTRY** 13 min-sd-col
The film depicts Georgia's hardwood growing sites, and land availability, and the demand for high quality marketing and research is emphasized. The film is designed to encourage the landowner to develop his hardwood potential by growing quality timber on suitable hardwood sites.
Source: 54
- GIFT OF GREEN** 20 min-sd-col
A story of the green plant and what man owes it. Depicts the actual workings of the plant and its leaf by means of animation, microphotography, and time-lapse photography. Explains photosynthesis. Shows the more important plant products.
Source: 7-8-13-64-83-118-119-137-138-147
- GIFT OF TS'AI LUN: PAPER, THE** 33 min-partly col
Shows Fourdrinier paper-making machine, and the entire paper making process as employed at the Hammermill Paper Company.
Source: 6-146

- GOING TO SCHOOL ON A TROUT STREAM** 12 min-sd-col-cleared for T.V.
High school and college students are learning by doing. Fishery, forestry and game management are demonstrated in their natural surroundings.
Source: 164
- GOLDEN AXE** 8 min
Story of honest woodsman who refused to accept a silver or golden axe after losing his own. Shows that honesty is best policy when woodsman is rewarded.
Source: 7-64-83-126-127
- GRASS AND BRUSH FIRE FIGHTING** 26 min-sd-col
How volunteer crews are organized, and tools and tactics used in fighting grass and brush fires in west Utah.
Source: 132
- GRASS AND CATTLE** 15 min-sd-col
Forest Service developing the range resources of the National Forests for maximum permanent production and use for a stable, prosperous livestock industry, with full protection of the watershed. Setting: a typical western cow camp, working cowboys including a "range" philosophy and songs.
Source: 142
- GREAT DEAL MORE, A** 19 min-sd-col
Depicts the uses of TractoLoaders. Features on-the-spot scenes showing the TL 20-D TractoLoader and TL 16-TractoLoader in action.
Source: 62
- GREAT WHITE TRACKWAY** 27½ min-sd-col
Following the introduction, showing how "American Business Runs on Tracks of Printed Paper," viewers are taken on a detailed trip through Hammermill from the pulpwood dock to the wood yards, to the new million dollar wood room, and on through pulpmaking, pulp washing, bleaching, beating, papermaking, finishing, and warehousing.
Source: 57-161
- GREATEST GOOD, THE** 10 min-sd-col
How the principles of forest conservation came into being under Pinchot. Photographed in Pinchot National Forest.
Source: 101-111-127-132-153
- GREEN GOLD** 23 min-sd-B&W
Shows a small community of farmers who make their living not only from the land but also from the forest. Describes many of the complicated links in the chain that brings the products of the forest to the consumer, and the many uses of timber.
Source: 145-153
- GREEN HARVEST** 29 min-sd-col
Emphasizes conservation and shows how scientific management, planning and research can assure the nation of a supply of lumber and forest products.
Source: 13
- GREENBELT, U.S.A.** 29 min-sd-col
Dramatizes the increasing dangers of brush fires and their costly economic toll in heavily populated areas. The film shows how individuals and communities reduce insurance rates and "make it safe to live in the hills." It demonstrates how fire resistant plants and greenbelt planting can protect life and property.
Source: 113
- GUARDIANS OF THE FOREST**
Source: 46
- GUARDIANS OF THE WILD** 10 min-sd-B&W
National forest rangers at work from Maine to California. Benefits received from them.
Source: 121-151
- GYMNOSPERMS** 17 min-col
Describes alternation of generations of the pine. Discusses the coniferous forests, the *ginkgo* and the cycads.
Source: 69
- GYPSY MOTH** 28 min-sd-col
Shows how the gypsy moth, a foreign insect, threatens the forested regions of North America. Tells how Federal-State activity has limited this foliage-feeding pest to New England and eastern New York and is slowly but surely reducing its area of infestation.
Source: 34-132H

- HAPPY HOLIDAYS . . . CAMPING IN THE SMOKIES** 28 min-col
Here's the "fun" way to see America . . . camping trip Great Smokey Mountain National Park.
Source: 87
- HARVEST FROM THE FOREST** 14 min-sd-col-cleared for T.V.
A variety of products from baseball bats and salad bowls to plywood sheathing and laminated building beams is produced from Wisconsin's forests. This film gives us a look at processes involved in turning the raw wood into the finished product.
Source: 164
- HARVESTING OF TIMBER, THE** 10 min-sd-col
The tree farm harvest in a Lakes States operation becomes lumber, flooring, furniture, veneer and plywood.
Source: 29
- HAULING LOGS** 23 min-sd-col
A safety training film designed to instruct both new and experienced drivers in the proper methods of moving logs from the landing to the dump. Demonstrates proper methods of loading, travel on privately logging roads, safety on the public roads, and unloading at destination.
- HELICOPTERS IN FIRE CONTROL** 13½ min-sd-col
A training film for supervisory personnel and fire staffmen service-wide, and for other cooperating agencies. The small helicopter has demonstrated a wide utility in fire control. The film shows the various ways in which it has proved valuable and how its use must be wisely managed by trained personnel and coordinated with other air and ground equipment.
Source: 132
- HERITAGE RESTORED** 14 min-sd-col
Tells the story of early use and abuse of forest lands in Eastern United States. The passage of the Weeks Law in 1911 put the first National Forest Lands in the East under protection. Today these public lands, 20 million acres in all, are restored and productive.
Source: 132
- HITCHING THE LOGGING TEAM** 12 min-sd-B&W-for sale
Source: 82
- HOLD THAT FIRE** 5 min-sd-col
This film illustrates how easily and quickly a small, innocent looking trash or brush fire can become a raging, roaring monster destroying valuable timber, homes, and lives through careless and thoughtless handling.
Source: 50-130
- HOLD THAT LINE — WITH DIRT** 10 min-sd-col
With opening scenes of forest fire fighting, stresses prompt action with dirt and hand tools. Importance of clearing fire line down to mineral soil. Dirt-throwing demonstrations show proper balance and follow through using a slow-motion. Shows how to knock down snag fires. Convection and crowning fires explained, with hand demonstrations showing principle of control at source. Ends with recap of main points over picture of successful containment of fire by single fire-fighter using a shovel.
Source: 48
- HONEST WOODSMAN** 10 min-col-B&W
Puppets show reward of honesty and greed in old folk tale of two poor woodsmen. The first is rewarded by mercury, with gold and silver axe for honesty in face of temptation. The second, attempting to profit dishonestly by experience of first, loses his own axe, receives nothing from river god.
Source: 83-137-147-153
- HORSE SENSE** 23 min-sd-col-B&W
A training film designed for new Forest Service employees whose work puts them in the saddle. Safe handling and proper care of horses are stressed.
Source: 132-137
- HOUSE OF A LIFETIME** 13 min-sd-col-for sale
This film tells how wood construction can be improved as a result of research, how better construction methods can save material and labor, how more effective lumber assembly results in longer lasting structures with less upkeep cost.
Source: 157
- HOW LUMBER IS MEASURED** 3 min-sd-B&W
Shows how to measure lumber.
Source: 110

- HOW PINE TREES REPRODUCE—PINE CONE BIOLOGY** 11 min-col-B&W
Examines the processes involved in the reproduction of pine trees—the opening mechanism of pine cones, the fertilization of seed-producing cones by wind-borne pollen from male cones, the dissemination and germination of seeds.
Source: 44-127-137-138
- HOW RAYON IS MADE** 15 min-B&W
Details the steps in the manufacture of both viscose and acetate rayon. Scenes taken in the producer's plant at Nitro, West Virginia. Released 1945.
Source: 140-147-151-161
- HOW TREES HELP US** 10 min-col-B&W
Wally sees different kinds of trees and begins to learn of the many ways trees help us by supplying lumber, food, and material for things we make. In the story of a mighty, old oak, Wally realizes how very long it takes a tree to grow and how it is valuable throughout its life.
Source: 7-35-51-63-64-69-127-137-148
- HOW TREES LIVE** 16½ min-col
The subject of this film is the raw materials and energy required for growth from a seed to a mature tree: where these components come from and how they function. The effects of the presence or absence of water, carbon dioxide, the sunlight on rate of growth are demonstrated, as well as the presence or absence of chlorophyll in the synthesis of starch.
Source: 64-69-137-150
- HUMBLE SERVANT** 13 min-sd-col
Shows how wood has been used throughout the centuries and how it was used to construct our early forts and homes. Shown are many of the beautiful colonial mansions of the south as well as churches and old shrines in New England. Also stresses forest conservation and shows what is being done to expand our forest industry.
Source: 157
- "I'M NO FOOL WITH FIRE"** 12 min-sd-col
Jimmy Crickett shows the danger of being careless with fire. A Walt Disney animation.
Source: 40
- IN BLACK AND WHITE** 20 min-sd-col
Depicts advancements in papermaking from the 18th century to the present and the importance of paper for recording and transmitting knowledge.
Source: 14
- IN PARTNERSHIP WITH NATURE** 30 min-col
Photographed in Canada, the Northeastern States, and in the South, this film stresses the growth and care of the forest lands. It also touches on certain phases of paper making and many other different chemical uses of wood. In addition, the lesson of conservation, and that of the profits to be derived from good management, should not be overlooked.
Source: 26
- INCREDIBLE FOREST, THE**
(The Incredible Forest Series)
The life cycle of a tree is illustrated from seed to maturity to eventual decay. Silviculturists develop the "plus" tree with its superior characteristics. Modern forestry methods are shown.
- INSECT CATCHERS OF THE BOG JUNGLE** 10 min-sd-col
Shows how strange plants capture live insects.
Source: 64-144
- INTEGRATED FOREST MANAGEMENT** 28 min-sd-col
Integration of lumber and beef management practices in the Blue Mountain area. Good grazing practices and restoration methods being employed.
Source: 101
- INTERNATIONAL MAPLE** 10 min-col-B&W
French Canadian families harvest maple syrup on the Maine side of the International Boundary, subsequently selling the product at auction.
Source: 79

- INTRODUCTION TO FIRE BEHAVIOR *** 16 min-sd-col
 A film for firefighters, and initial attack foremen. By means of animation and table top photography interspersed with actual fire scenes, it shows the basic fundamentals of combustion and the influences of fuel, weather, and topography on fire behavior. Emphasizes the many factors that make a fire burn the way it does and demonstrates how strategy can be planned from knowledge of this behavior.
 Source: 40-132
- INTRODUCTION TO FOREST ADVENTURING** 26 min-sd-col
 Principally for beginning campers and woods travellers. Illustrates basic principles and practices necessary to those who camp or travel in the forest. How to avoid getting lost—the use of the compass and maps. Firebuilding and precautions in using the campfire. Campsite manners. Care and use of knife and axe. Useful hints on woods living. Basic principles in canoeing and water safety.
 Source: 51-127-138
- ISLANDS OF GREEN** 24 min-sd-col
 The story of the development and management of large islands of Green, our National Forests. The film then shows the need for the establishment of small islands of Green near urban communities in the form of community nature centers. The film places a strong emphasis on natural beauty and can be used in conjunction with the President's beautification program.
 Source: 132
- IT'S A TREE COUNTRY** 14 min-sd-col-B&W
 America's forests are now adding more wood in new growth than is being removed each year. This film shows the tree farming, forest fire prevention, research and utilization activities of wood-using industries and other timberland owners which have helped make this favorable balance possible.
 Source: 6-9-16-23-26-34-40-69-83-101-111-123 124-127-137-139-142-143-145-146-147-150-151-153-155-157
- IT'S NO PICNIC** 26 min-sd-col-B&W
 The family group enjoys a Sunday picnic in the woods. Upon leaving for home, the campfire is carefully extinguished, but—Dad, unwittingly, is careless with his pipe and beautiful woods become a blackened waste. Skillful detective work by the area fire warden results in placing the blame on Dad. The judge sentences him to a course in FIRE PREVENTION, and by following Dad and the fire warden in the course of instruction, we see that with a little common sense and caution, fires can be prevented. Released 1948.
 Source: 40
- IT'S NOT THE AXE, IT'S JOE** 16 min-sd-col
 Re-enactment of accidents which are actually caused by the careless use of the axe.
 Source: 5
- JAPANESE BEETLE, THE** 30min-sil-col
 Descriptive pictures of the control methods now employed to hold the Japanese beetle in check. Emphasizes the production of spore dust which produces milky disease during the grub stage of the beetle.
 Source: 34
- JOURNEY INTO THE FOREST, A** sd-col
 From his native state of Maine, Mr. Briggs, widely known wildlife photographer, brings exciting color scenes in the lives of black ducks along the Kennebec. Dragon flies, frogs, snapping turtles, sandpipers, and other neighbors play their parts. Forest mammals such as deer and squirrels are also shown in their native habitat. Nature's sounds recorded in the wild make this an event for naturalists, young and old.
 Source: 134
- JOURNEY TO THE END OF THE YEAR — I**
 (The Incredible Forest Series)
 Here is some outstanding nature photography shot in the wilderness areas of British Columbia. The film shows rarely photographed birds and animals in their natural settings.
 Source: 77
- JOURNEY TO THE END OF THE YEAR — II**
 (The Incredible Forest Series)
 The narrator travels through B.C. and watches wildlife in the forest. The camera records a forest fire and the havoc it creates on an essential resource for man and animal.
 Source: 77

- KEEP 'EM ROLLING** 22 min-col
The film graphically portrays all of the main manufacturing steps, from wool and synthetic preparation to drying and fueling. Throughout the operation the emphasis on constant service to the paper industry is stressed. The exact design and engineering requirements back of each custom-made felt are explained. The film offers a broadly educational view of felt-making not only for papermakers, but also to college students studying textile and paper subjects, business groups and the general public.
Source: 21
- KNOWING WOODS AND THEIR USES** 15 min-sd-B&W
The film is designed to help the craftsman learn the classifications and characteristics of woods so that he can better select and order the wood he needs. After describing the parts of the tree trunk, the source of lumber, the firm explains that wood may be plain-sawed, quarter sawed, or may be prepared as plywood, in addition to the basic classifications into softwood to which it is processed at the mill and, of course, according to grade or quality. The film then points out the importance of knowing something about stock dimensions and measurements of wood, and the further importance of knowing the properties of different varieties of woods.
Source: 34
- LAND CHANGES, THE** 15 min-sd-col
Story of how worn out land, practically worthless, can become a real asset to the local community. Shows how land was acquired for national forest purposes on the Shawnee, the Hoosier and the Wayne National Forests in the Ohio Valley—how such land was improved by reforestation, protection and proper management to help man and his community to prosper. Released 1957
Source: 132F
- LAND OF THE SKY** 15 min-sd-col
This is a visual report of a show-me trip on the Pisgah National Forest in North Carolina by members of the General Federation of Women's Clubs. On the ground this group of conservation-minded women sees the results of multiple-use management of a National Forest in the best utilization of all of its resources—timber, water, wildlife, recreation—with Nature's splendid cooperation.
Source: 127-132
- LASTING GIFT, THE** 27 min-sd-col
Story of the continuing contribution by wood to mankind. Carries the viewer through the ages in its stirring portrayal of famous works of wood. Fine carvings, stately colonial homes, and plantation manors cross the screen in colorful sequence.
Source: 26
- LATEINER METHOD OF ACCIDENT CONTROL,**
THE sd-col-16mm-for sale only
Available at \$150 per print including reel, can and case from the New York office of APA.
The film outlines the highlights of Mr. Al Lateiner's widely used safety training method. The film answers the basic question of how injuries and accidents occur, why they should be controlled and the best point to attack.
Source: 5
- LET'S VISIT A TREE FARM** 11 min-col
Shows how seedlings are grown in a nursery, transplanted to a tree farm, cared for, and harvested. Also visited, very large tree farms where helicopters are often used for planting and spraying trees.
Source: 35-69
- LEVELING FOR TOPOGRAPHIC MAPPING** 20 min-sd-col
Depicts procedures used by the Geological Survey for leveling required as vertical control for topographic mapping. Shows equipment and in-the-field operations of a Survey leveling team.
Source: 134
- LIFE IN A NATIONAL FOREST** For sale only
Six 10-minute films and six supporting educational filmstrips with teaching aids and other conservation material. This elementary school (sixth grade) forest study unit features a forest ranger, his wife, daughter, and visiting nephew, Eddie. Eddie learns about the major resources of a big working National Forest from his uncle and cousin.
Source: 132-136
- LIFE IN HOT RAIN FORESTS** 13 min-col
Explains the climatic factors that cause a tropical rainforest, and shows how small communities of people of mixed Indian and Portuguese blood who live along the Amazon River adapt themselves to this kind of environment. Includes views of a family as they tend their small garden, prepare their meals, and gather products from the forest for trade.
Source: 153

- LIFE IN THE DECIDUOUS FOREST** 19 min-col
Variations in temperature, moisture, and light are followed through seasonal changes in this tree-dominated biological community. Animals, plants and fungi typical of each of the forest strata are examined in detail.
Source: 98-153
- LIFE IN THE FOREST** 11 min-sd
Shows how forests, like cities, are constantly changing and are densely populated. Reveals how even the trunk of a dead tree teems with life. Released 1954.
Source: 6-44-63-64-69-83-101-118-119-126-137-142-153-160
- LIFE IN THE WOODLOT** 17 min-sd-col
Emphasizes the interrelatedness and interdependence of man, animals and plants in a woodlot. A farmer explains the two worlds of a woodlot, the variety of life in the brush, the maintenance of a rigorous balance by living things, and the redistribution of life, which death makes possible.
Source: 18-51-64-69-93-127
- LIFE ZONES OF THE CENTRAL ROCKIES** 21 min-sd-col
The film provides a basis for studying the ecology of the four life zones found on a mountainside in the Central Rockies. The study covers the grassland-deciduous zone, the pine-transition zone, the spruce-fir zone, and at the highest elevation the alpine-arctic zone. The vegetation and wildlife characteristic of each zone are analyzed, with extreme close-up photography making for easy field identification.
Source: 138
- LIFEBLOOD OF THE LAND** 19 min-sd-col
Shows that water and life itself depend upon forests. Demonstrates through animation how rainfall affects forested and deforested slopes. Shows why forest and cover crops are essential to an adequate water supply, what can be done by planting new trees, terracing and seeding hillsides and avoiding too heavy grazing.
Source: 8-34-64-83-97-111-127-137-142-145-155-157-160
- LIFELINE** 22 min-sd-B&W
The story of wire and wire rope manufacture begins by showing wire rope as an important lifeline in many industries, such as logging, oil, construction, mining, etc. Then follows a step-by-step educational tour. The viewer is taken on a step-by-step trip through wire and rope mills, where all processes in making wire and wire rope are explained. The tour closes with an explanation of ways wire rope is made into various slings and assemblies.
Source: 78
- LITTLE FLAME, A** 27½ min-col
As people move to the suburbs, surrounded by woodlands, woods fires in these areas have increased. This film shows the dangers of fires carelessly caused by trash burning, smoking, brush and grass burning, campfires, and children playing with matches. John Weaver, a public-spirited insurance man, helps to lick the fire problem in his community. Released 1965.
Source: 40-1321
- LITTLE SMOKEY** 12 min-or35mm-sd-col-B&W
Hopalong Cassidy tells of a little bear cub, found clinging with burned paws to a charred tree who becomes famous as SMOKEY THE BEAR. School children of America follow his career from his burned-out home in the Captain Mountains of New Mexico to the National Zoo in Washington, D.C.
Source: 9-40-76-81-97-101-127-132-140-145-151-152-155-160
- LITTLE THINGS ADD UP** 10 min-sd-col
How the fine points of safe chain saw operation go hand in hand with high production.
Source: 100
- LIVING BLUEPRINT, THE**
(The Incredible Forest Series)
The advance planning before a tree is logged is described in non-technical language. The film outlines the various steps required before a logger goes into the woods.
Source: 77
- LIVING FOREST, THE** 41 min-col
Portrays the forest as a living community with three great gifts for mankind—timber, water, and beauty. Explains how and why our forest resources have shrunk to alarming proportions. Emphasizes the necessity of wise forest management to ensure the existence of new generations.
Source: 147
- LIVING FOREST, THE** 10min-sd-col
Covers many phases of forest management, ecology, and conservation.
Source: 8

- LOG DRIVE** 30 min-col-B&W
A lyrical treatment of a great event of the Quebec spruce forests—the log drive. A Canadian folk singer describes in tuneful verse this annual spectacle as millions of tons of pulpwood are herded downstream by agile, nimble-footed men. Waterborne, the vast aggregation of logs moves forward, spurred by dynamite and sharp-tipped cant hooks, tossed and twirled beneath the boots of leaping men.
Source: 18-93
- LOGGING SYSTEMS AND MACHINE CONCEPTS** 25 min-col
This film describes pictorially the three major systems of pulpwood production and portrays a number of the newer, established and experimental machines in current use in the forests of eastern Canada.
Source: 19
- LOGGING TOOLS** 12 min-sd-B&W
For sale, \$55
Source: 82
- LONG ROAD TO TRAVEL**
(The Incredible Forest Series)
The camera follows the various transportation system used by the industry to bring trees to the sawmills and forest products to the world's markets.
Source: 77
- LONGER LIFE FOR WOOD** 17 min-sd-col-B&W
Designed to show the average user of wood the economic advantages of using treated wood in places where decay is likely to occur. Shows the value of good construction, and how improper construction can lead to early decay in wood. Portrays treatment of wood with preservatives in commercial treating plants as well as home treatment on the farm or in the city. Released 1954.
Source: 34-83-130-132
- LONNIE'S NEW CROP** 10½ min-sd-col
Shows where to get information on tree planting, steps required in planting, caring for them and time and method of cutting.
Source: 8
- LOOK TOWARD TOMORROW** 15 min-sd-col-rental fee
Story of modern forest management. Includes fire control, access-road building, insect control, tree harvesting and tree farms; shows how the protective association for timber functions.
Source: 141
- LORAIN MC-775, TON MOTO-CRANE** 18 min-sd-col
The film depicts in detail the design features and the advantages of the MC-775. Construction scenes in the shop are shown, as are on-the-job applications.
Source: 1
- LUMBER FOR HOUSES** 12 min-sd-col
Up-to-date methods of lumbering, particularly in the Northwest. Logging crews felling trees, moving logs to sawmill, sawing, planing, and drying lumber.
Source: 6-44-118-121-126-127-139-142-147-153-160
- LUMBER STATE — PACIFIC NORTHWEST** 22 min-sd-B&W
Surveys the natural resources of Washington and Oregon. These are shown to depend upon the water, which depends upon forests.
Source: 6-7-64-83-98-142-146-153
- LUMBERING** 10 min
The complete story—cruising, cutting, hauling and floating logs, mill cutting, planing and shipping.
Source: 46-146
- LUMBERMAN, THE** 22min-sd-col
Portrays the life and work of lumbermen in the northwest timberland at the foot of snow-capped Mt. Hood. Gives in detail the procedure of felling the forest giants, transporting them to the mill, and cutting the logs into lumber.
Source: 64-83-101-137-141-146-147
- LUMBERYARD** 11 min
Dad, Kurt, and Anne go to the lumberyard and see the variety of materials sold at the yard. Dad tells them the story of lumber: how trees are cut and carried to the sawmill, cut into boards, and shipped to lumberyards. Bailey 1961.
Source: 101
- "LUSTY LOG LIFTER" SERIES F, F-50 STACKER** 20 min-sd-col
For sale.
Source: 73

- MAGIC OF LUMBER** 22 min-col
Shows work done in woodtesting laboratories. Explores the formation of characteristics in the tree and the properties of wood; the laboratory tests upon which grading rules are based; the work of the lumber grader; and classifies lumber grades on the basis of use.
Source: 69
- MAHOGANY — WOOD OF THE AGES** 28½ min-sd-col-B&W
Story of mahogany and its products from vastness of jungle to finished products.
Source: 62
- MAKING A STRIATED PLYWOOD LAMP** 3 min-sd-B&W
Source: 110
- MANAGEMENT OF MEN IN THE FOREST
FIRE FIGHTING** sil-col-with titles-Western conditions
Two separate films.
Part One—Action of a single fire fighter—15 min
Part Two—Action of a crew
Part Three—Fire Boss with many crews—20 min
Gives an opportunity for the instructor to explain the action in process and adopt it to local conditions. Excellent basic or refresher training previous to field training.
Source: 40
- MANQUANE RIVER LUMBERJACKS** 28 min-B&W
The forests of Quebec supply much of the newsprint for papers such as the New York Times. Cutting the trees in a winter logging camp is a tough and lonely job and the pay barely compensates for months of isolation and toil. The temperature may register fifty below zero, but the work must continue—an endless sequence of cutting, hauling, dumping and piling cords of wood which at spring thaw will float down-river to the mill. A rugged life, Manouane River Lumberjacks take you to the very heart of a major Canadian industry.
Source: 32-93
- MAPLE SUGAR TIME** 9 min-col
Maple sugar time in Eastern Canada, showing the old-time methods. When snow softens and ice begins to break, it's time to load the traditional equipment on a sleigh and go off to the sugar bush. Modern methods of processing the sap may be faster, but what can surpass maple sugar boiled in a cauldron and cooled on the snow? "Sugaring off" is a spring social event as well as a job for the French-Canadian farmer, and the first boiling is occasion for a party.
Source: 32
- MARKETING (The Incredible Forest Series)**
The world-wide marketing activities of a large forest products company that exports 75 per cent of its production and the modern communications network and market research facilities are illustrated.
Source: 77
- MARKETING PULPWOOD** 12 min-col
A guide to the forestry help available to the landowner in marking timber stands for thinning, the type of trees to cut, operation of a company woodyard, specifications for pulpwood, and how tree growth can be improved and income obtained by taking out the poor quality trees.
Source: 26
- MATERIAL HANDLING IN EASTERN MILLYARDS** 18 min-sd-col
Shows Cat Wheel Loaders at work in widely varying millyard applications. Shows how maneuverability, speed and versatility help mill owners reduce material handling costs.
Source: 22
- MATERIAL HANDLING IN THE WESTERN
MILLYARDS** 21 min-sd-col
Shows the maneuverability, speed, agility and versatility that enables the Cat Wheel Loaders to further reduce or hold the line on material handling assignments. These applications vary from the 922 loading peeler logs into steam vats to 988 drydecking redwood.
Source: 22
- MECHANISM OF MOISTURE MOVEMENT IN WOOD** 30 min-sd-col
Both animation and time-lapse photography are used to show: The mechanism by which moisture moves through and out of the complex structure of wood during drying. The migration of water in capillary, hygroscopic, vapor form. The heat energy required for wood drying. Wood shrinkage due to drying as well as related drying effects such as collapse, checking, and case-hardening.
Source: 127-138-146

- MECHANIZED TRAIL EQUIPMENT *** 27 min-sd-sd-col
A film showing the safe and proper operation of mechanized trail graders and winches. This equipment is especially developed for forest trail construction and maintenance.
Source: 132
- MEN OF THE TIMBERLAND** 70 min
Terror stalks the tall timber as a U.S. Ranger trails merciless men. Story of Linda Hayes, as heiress to a fortune in timberland.
Source: 74
- MEN, WOMEN AND CHILDREN** 28min-sd-col-B&W
Young school boys attempt to do something about losing a school forest through fire. Film shows how careless habits of well-intentional people cause devastating forest fires. Released 1954.
Source: 40-127-130-132
- MIGHTY WESTERN FOREST, THE** 27 min-col
Spectacular aerial tour of vast, luxuriant tree growing area extending through 12 western states from Rocky mts. to Pacific Ocean and from Canada to Mexico. The tremendous flow of benefits provided by the forest is shown in detail.
Source: 87
- MIRACLE IN WOOD, THE** 30 min-sd-col
How plywood is made. Begins with the felling of the giant fir trees in the forest. Follows the process through the plywood mill and the finished product. An abbreviated version of the older film with the addition of new sound track.
Source: 4-161
- MIRACLE OF THE MISSOURI** 28 min-sd-col
Multi-purpose work of the Bureau of Reclamation and Army Corps of Engineers on the great Missouri River and its tributaries.
Source: 134
- MIRACLE OF THE TREES** 11min-sd-col
Time-lapse photography.
Tree buds, rarely caught in close-up by the unaided eye, swell, burst open and release miniature but perfect leaves and flowers.
Source: 64-88-144-155
- MISSOURI CAN PRODUCE QUALITY PINE** 14½ min-col
Pine can readily be produced in a large area of Southern Missouri. The value of these pine stands can be greatly improved with a little attention to growing a quality product. Forester Kenneth Moore and L. E. McCormick are seen in different pine stands showing what needs to be done to produce quality pine timber.
Source: 146
- "MODERN METHOD FOR EXTENSIVE LAND CLEARING AND SITE PREPARATION" SERIES**
G-40A TREE CRUSHER 29 min-sil-col
For sale.
Source: 73
- MODERN SKIDDING** 16 min-sd-col
Stresses good practices, safety and proper methods in the operation of the modern rubber-tired logging skidder. Produced in cooperation with the Tree Farmer department of Can-Car.
Source: 17
- MOST DANGEROUS GAME, THE** 28 min-col
Ranger Corey Stuart stresses that children playing with matches can be a most dangerous game.
Source: 132
- MOTO-TOWER STORY, THE** 20 min-sd-col
Pictures growth of Lorain Moto-Tower as a refinement of the European type tower crane, through the development of the 45 and 50-ton sizes to the 115-ton Mc-9115. It shows dozens of on-the-job scenes and highlights the practical application of this Lorain-pioneered tool to modern day jobs.
Source: 1
- MOTOR GRADER OPERATION** 30 min
Available for showing to owner-operator-mechanic groups, as well as to operating engineers unions and other similar groups. The film covers preventive maintenance and operating procedures that result in improved grader performance and minimum downtime. The film shows basic operating techniques relating to road grading, scarifying, "V" ditch cutting, flat-bottom ditch cutting and bank sloping.
Source: 31

"MOUNTAIN ROAD TO MARKET"**LOGGING TRANSPORT IN B.C. CANADA**

For sale.
Source: 73

MOUNTAIN WATER

17 min-col

In the Western part of our country, people are dependent upon the mountains for lifegiving water. Shows how mountain vegetation conserves and regulates water supplies for industrial, agricultural and domestic uses.
Source: 132-143-155

MURCO BARKING DRUM

13 min-sd-col

Shows the construction of a barking drum which is followed by three installations in the field.
Source: 90

MURCO CHIPPER

8 min-sd-col

The movie presents the latest design "MURCO" 15-knife, 110-inch diameter disc pulpwood chipper in operation at Thilmany Pulp and Paper Company, Kaukauna, Wisconsin. Of particular interest to wood-room operators is the unusual action of small diameter logs in the MURCO V-type spout.
Source: 90

MY CONSERVATION RESERVES ACRES

4 min

Operation of the conservation reserve part of the Soil Bank Program. Guides to selection of areas for woodlot and pond.
Source: 83

NATIONAL GRASSLANDS

27 min-col

The National Grasslands, an integral part of our National Forest System, have long contributed to the economy of our grassland agriculture. The picture traces the history of our grasslands from their depletion in the 1930's to their present restoration, the result of careful management. Released 1965
Source: 132

NATURE'S CLASSROOM

21½ min-sd-col-cleared for T.V.

Learning in the outdoors, an extension of the conservation classroom is the theme of this outdoor education film. Overnight camping, in the upper elementary classes, involving some seventy schools. Teaching of forestry, game management, nature study, art, music and many related activities in Wisconsin schools. Geared to show teachers, administrators, parents and students the actual activities in outdoor learning.
Source: 164

NEW ALASKA

28 min-sd-col

Forest as a major resource to the economy of Alaska; logging and aspects of pulp processing; forest management practices; wildlife in the forests and the forests as recreation areas. Released 1960.
Source: 132-151-160

NEW APPROACH, A

9 min-sd-B&W

A new Hyster 7,000 pound capacity cushion tire lift truck to effect an increase of about 25% in handling efficiency. This truck maneuvers and stacks in aisles narrower than required for other lift trucks of lesser capacities. Cliff Larsen, the warehouse superintendent, describes in his own words how power steering, hydraulic side shift, and other important features of the new truck save time and space in their warehouse operations.
Source: 61

NEW ENGLAND'S TREES FOR YOU

30 min-sd-col

The film makes the point that the continuing prosperity of New England's wood industries, including of course paper, depends in considerable measure on the willingness of woodland owners to get merchantable logs to market, and to do whatever possible to keep the supply coming. The film points up the fact that New England's wood industries now produce more than a billion dollars a year of various kinds of products; the film visits the Granite State veneer mill at North Stratford, New Hampshire, the Beecher Falls Manufacturing Co. in Vermont, fine furniture manufacturers; the King's Arrow Pine Co. mill in Dover-Foxcroft, Maine; the operations of Connwood in Connecticut, a basket factory in Vermont; the King's Arrow furniture display rooms in Claremont, N.H., and others. A number of good examples of woodlot management are also shown.
Source: 148

NEW FOREST, THE

14 min-sd-col

Film illustrates contributions forests products industry makes to economy of the states of Washington and Oregon. Tree farming presents some tax problems that other business operations do not have to face.
Source: 65-156

- NEW FORESTS ON IDLE LANDS** 11 min-sd-col
The story of how the Conservation Department produces many millions of seedling trees annually to meet New York's needs in reforesting the State's waste lands.
Source: 30
- NEW HORIZONS FOR WOOD** 28 min-sd-col
How the secrets of wood structure and its properties are explored by scientists at the State University College of Forestry at Syracuse University, produced by Dr. William M. Harlow. Released 1958.
Source: 111-127-140-146
- NEW PAUL BUNYAN, THE** 29 min-sd-col
The timberlands of the Pacific Northwest, wildlife, tree farms, modern logging, transportation of huge logs to the mill. See the mills cut the logs.
Source: 23-101-160
- 1959 TRAIL OF PILOT ROCK PINE** 46 min-col
Modern logging methods and machines now being used in the industry. Emphasis on selected cutting and good land management.
Source: 101
- NORTHEAST LAKELAND** 18 min-sd-col-cleared for T.V.
A one-reel film showing Wisconsin's state forests and parks located in the north-eastern section of the state.
Source: 164
- NORTHWEST WATERS** 18-min-sd-col-cleared for T.V.
A film on Wisconsin's state parks and forests in the northwestern part of the state.
Source: 164
- OAK WILT** 22 min-sd-col
Distribution, spread, symptoms and causes of oak wilt. Current control measures outlined. How and when infested trees should be cut and used. Research on oak wilt.
Source: 83-111-157
- OKLAHOMA FORESTRY** 15 min-sd-col
Protection of forest lands from fires, growth of a seedling tree, trees for wind-breaks, post logs and other purposes.
Source: 104-123
- "ON TIME FOR TOMORROW"** 14 min-sd-col
The film takes the viewer to the factory assembly line to illustrate the design principles behind the TD-25C Crawler tractors major components, and it emphasizes the extensive testing before production. Then it moves into the field to show the TD-25C at work on a variety of rugged applications.
Source: 168
- ONCE UPON A TIME** 4½ min-B&W
Smokey Bear narrates on proper methods of burning grass and putting out camp fires.
Source: 148
- ONE LICK METHOD OF FIGHTING FOREST FIRES** 31 min-sd-B&W
Shows the progressive method of fireline construction, first with a crew trained in using the method and then training a crew on the job in its use. Released 1938.
Source: 40
- ONE MAN FLAIL TRENCHER** 14½ min
A one man fireline trencher is air dropped to a fire crew and demonstrated by them. They assemble the trencher and apply it to fireline construction in a typical forest fire situation. Special emphasis is given to ways of making one or more trenchers speed the work of a line construction and holding crew. Released 1966.
Source: 132
- ONE MATCH CAN DO IT** 10 min-B&W
Pictures how one match can destroy lives and cities by destroying forests and thereby removing the one thing which prevents floods. Shows methods used in fighting forest fires and the damage done by these fires.
Source: 69
- ONLY A BUNCH OF TOOLS** 28 min-sd-col
The story centers on a group of volunteer forest firefighters in a small town in the Northeast and particularly on one member, a newcomer to the town and group, who shows less than interest in learning how to use firefighting tools. By the group's showing the newcomer how the tools are used, the training sequences are unfolded—and made dramatic by the aloofness developing between the group and lackadaisical newcomer. His disinterest disappears abruptly when his own house and woodlot are saved from fire just in time by the appearance of the crew armed with the tools he had discounted. Released 1949.
Source: 40-133

- OPERATION SPRAY SAFE** 12½ min
An actual control operation against a Douglas-fir tussock moth infestation in the Malheur and Ochoco National Forests, Oregon. This was an epidemic situation threatening hundreds of thousands of acres of trees and other forest values. The film includes scenes of aerial spraying from helicopters, explains some of the many safeguards applied, and shows follow up evaluation procedures. Adult audience. Released 1966.
Source: 132
- OPERATION WHIP** 28½ min-sd-col
A documentary film describing a cooperative spray program under-taken by government and industry in an effort to eradicate the hemlock looper from a large forest area in southwest Washington in 1963. Attention is given to the safeguards successfully used to prevent harm to fish and wildlife. WHIP stands for Willapa Hemlock Infestation Project.
Source: 162
- OREGON INDUSTRY: LOGGING DOUGLAS FIR** 10 min-service fee
Logging operation and loggers at work on the Coast Range Mountains of Oregon. Equipment, conservation practices, and views of balloon logging. Ed. Med 1966.
Source: 101
- OUR MAGIC LAND** 16½ min-col-B&W
No greater magic exists than the magic of life itself—a seed dropped into the earth pushing through the soil becomes a stalk of corn or a tree. Finest magic of all—Man and Nature working together through conservation.
Source: 132
- OUT OF THE WOODS** 17 min-sd-col
Points out typical farm forestry problems, and how one hard pressed farmer solved them profitably, with the aid of the local Service forester. It also deals with improvement of a small sawmill for greater economy and efficiency.
Source: 132F-164
- PACIFIC PLANTATIONS** 20 min-col-free
Timberland management in the Douglas-fir and redwood country of the West. Integrated plant production and complete use of trees.
Source: 101
- PAMELA'S TREE** 13½ min-col
Pamela, daughter of a tree farmer, suddenly finds her favorite tree—the one with her swing—has become infested with bark beetles. Prompt effort saves her tree; however thousands of acres of other southern forest trees are destroyed each year by insects. This picture tells what help both large and small timber owners can obtain from their State Foresters to save their trees. Released 1965.
Source: 132J
- PAPER** 11min-B&W
Tells the story of paper making, one of modern technology's foremost industries. Portrays trees being cut, sawed into logs, and floated downstream to the mill. Describes how the logs are ground into chips, and how the pulp is further processed and finally made into finished sheets of paper.
Source: 6-7-64-83-118-123-140-146-153
- PAPER AND I** 13½ min-sd-col
Stresses the dependence of people on paper products and the fact that demand can always be satisfied, when all growers and users of forest products adopt wise practices.
Source: 122-130
- PAPER AND PULP MAKING** 11 min-sd-col
Paper and pulp-making processes from raw material to finished product and importance of paper industry to daily living.
Source: 35-51-64-119-137-147
- PAPER FOREST, THE** 28½ min-sd-col
The role of the pulp and paper industry in the South. Also traces the conversion into paper of the South's pulpwood. Prepared by the Southern Pulpwood Conservation Assoc. for high school students.
Source: 87-122-127
- PAPER IN THE MAKING** 25 min-sd-col
The making of paper is one of the oldest industries of mankind. It has changed considerably from the pounding of reeds on the riverbanks to the scientific, highly skilled and mechanized process we know today. This film describes the entire operation from the harvesting of timber to one of the most useful materials of modern society.
Source: 26-130-153

- PAPER MADE FOR YOU, THE** 23 min-sd-B&W
Development in research laboratories of paper. Mills of a great variety of papers.
Source: 55
- PAPER MAKING** 22 min-sd-B&W
Shows in detail the processes involved in converting trees from the forest of the United States and Canada into paper. Starts with scenes of winter logging in Upper Michigan. Shows logs, converted into pulp by means of both the sulphite process and the ground wood process. Explains action of the digester and the bleacher in animated drawings. Shows the operation of the large paper machine, the calendar machine, and testing of the paper in research laboratories. Follows paper to a large printing establishment to show how it is used in the publishing of magazines.
Source: 6-8-64-83-121-127-139-147-153
- PAPERMAKING IN CHINA** 25 min-sd-col
This film turns back the clock thousands of years in the paper-making process. Film depicts processing of paper in China as it is done today, yet the methods are quite similar to those practiced during the Ming dynasty.
Source: 10
- PAPER'S MAGIC CARPET** 29½ min-sd-col
Shows how new techniques and progressively-engineered equipment are combined by skilled craftsmen to produce the finest in felts. Shows not only the entire feltmaking process, but many of the latest advancements in papermaking.
Source: 60
- PARKS AND PEOPLE** 14 min-sd-col-cleared for T.V.
Wisconsin's parks and forests are the playground of millions of visitors each year. This film shows the wide variety of recreational activities in the parks and touches on some of the problems which result from the heavy demands placed on these areas by the people who use them.
Source: 164
- PASSING OF THE PUNKIN PINE** 10 min-col
An old lumberjack, telling the story of logging out the last stand of virgin white pine timber from the Maine hills.
Source: 62
- PATIENT MEN, THE (The Incredible Forest Series)**
Forest research scientists and technicians are developing new products from wood. They also improve forest products and search for new and more efficient production processes.
Source: 77
- PATTERNS OF THE WILD** 27½ min-col-cleared for T.V.
Shows wildlife as an integral part of the forest. All wildlife, including predators, are necessary in maintaining the delicate balance needed for a healthy and vigorous forest. The film acknowledges the fine cooperation between states and the Forest Service in the overall job of managing wildlife and habitats within the National Forests.
Source: 127-132
- PATTERNS OF TIME — THE HARDWOOD STORY** 13½ min-sd-col
A deeply interesting presentation of the romance of our hardwood heritage. The film describes how beautiful hardwood figures are selected and matched together in lovely patterns. It shows how hardwood plywood is made in engineered panels to provide maximum durability and stability to bring the authenticity and deep-glowing beauty of the world's finest cabinet-woods within the budget of the average American family.
Source: 47-87
- PAUL BUNYAN AND THE BLUE OX** 5 min-sd-col-B&W
The heroic figures of Paul Bunyan and Babe, the Blue Ox, are recreated in puppets to delight young people with one of the lasting legends of the lumbermen. How Paul found the ox and put it to work for him in the exciting land of tall timber is a Bunyan tale which children will enjoy seeing and retelling.
Source: 6-35-126-137-147-153
- PAUL BUNYAN LUMBER CAMP TALES** 11 min-sd-col-B&W
One of the most familiar of the Paul Bunyan tales, sometimes called "How Paul Bunyan Straightened the Big Onion River," is used as the basic theme of this film. To this are added several of the well-known anecdotes concerning Paul and the various characters connected with him — Babe the Blue Ox, Hot Biscuit Slim, Cream Pull Fatty, and Johnny Inkslingers.
Source: 35

PERPETUAL FOREST, THE

The film depicts the harvesting of timber in the scenic forests of coastal British Columbia. The timber is followed from the stump to the salt water where the logs are graded and sorted into booms to be towed to converting facilities. Here the logs are traced through plywood, lumber, paper, and shingle mills, and the film describes the species and grades of logs that are suitable for each product. The finished products of the forest harvest are next loaded on ocean-going freighters for shipment throughout the world. The narration returns to the forest where the cut-over lands are being regenerated by hand planting thus ensuring a perpetual harvest of forest products.

Source: 77

PHOTOSYNTHESIS

14 min

Shows carbon dioxide entering plant structure of leaf and its conversion in chloroplasts to oxygen, which is eliminated. Carbon is built up into glucose with water from roots. The necessity for chlorophyll is shown and the process of glucose being changed to starch is illustrated.

Source: 13

PICTORIAL PARADE—THE BIG MILL

11 min-sd-col

Shows how a large planned forest begun in New Zealand thirty years ago is now supplying an extensive industry that produces lumber and paper for New Zealand, Australia and world markets. The processing of lumber is followed from the forest through the mill until it is shipped to users. The step-by-step production of newsprint is also illustrated.

Source: 64

PIECE OF WOOD, A

14 min-sd-col

The work of the U.S. Forest Products Laboratory, Madison, Wisconsin. Shows the far-reaching changes brought about the pulp and paper industry by new processes developed at the laboratory, and the rapid expansion of the laminating industry as a result of research in the gluing and laminating of wood.

Source: 132-144-160

PINE WAYS TO PROFIT

20 min-sd-B&W

Exposes the fallacies of burning the woods and shows the benefits of good management of southern pine forests.

Source: 7-8-137-151

PINES FROM SEEDLINGS

23 min-sd-col

Acquaints the student of vocational agriculture with reforestation problems and developments. Shows the various land belts suited to a forest crop. Illustrates methods of seeding.

Source: 156

PLANS: APPROVED

27 min-sd-col

Portrays the vital role which building officials and building codes play in a swiftly growing America. Illustrates the need for better public understanding by the average citizen of what a model building code is and the importance of his local building official.

Source: 4

PLANT MOTIONS—ROOTS, STEMS, LEAVES

11 min-sd-col

Uses time-lapse photography to reveal the phenomenon of circummutation, the tendency of growing roots, stems, and leaves to describe irregular circles or ellipses. Also demonstrates, by means of several classic experiments how gravity and light affect plant growth.

Source: 138

PLANT SUCCESSION

14½ min-col

Shows the sequence of stages of theoretical primary succession from bare rock to hardwood forest climax and that as each stage prepares the soil for the next, it thus paves the way for its own self-destruction.

Source: 69

PLANT SURVIVAL

11 min-sd-B&W

Explains the protective devices used by plants, including seed coverings, spines, secretions, stings, scales and leaf hairs. Time-lapse photography shows the changing positions of leaves and flowers as atmosphere or weather conditions vary.

Source: 64

PLANT TRAPS—INSECT CATCHERS OF THE

11 min-B&W

BOG JUNGLE (Second Edition)

Close-up and time-elapse color photography reveal the remarkable behavior of carnivorous plants.

Source: 7-8-23-14-63-83-111-119-126-127-146

- PLANTING ISN'T ENOUGH** 13½ min-sd-col
The north country may be embarking on a new era because of tree plantations. But planting is not enough. Proper management which is good business can double annual growth. Values other than wood also increase, such as recreation, good water, and wildlife habitat. Filmed in the North central States. Released 1959.
Source: 132F
- PLANTING PINE SEEDLINGS** 10 min-sd-col
An instructional film primarily intended to show proper methods of planting pine seedlings by hand. The story begins at the Texas Forest Service Indian Mound Nursery and closes with scenes of various pine plantations. Machine planting of pine seedlings is briefly shown.
Source: 130
- PLYWOOD FLEET, THE** sd-col
Points out the tremendous increase in pleasure boating and the role fir plywood had played in this increase. Demonstrates other marine uses of fir plywood.
Source: 140
- POISON IVY PICNIC** 2 min-col-B&W
Illustrates what happens when you come in contact with poison ivy and how to recognize the plant. Released 1953.
Source: 93
- POLLUTION — CAUSE AND CONTROL** 14 min-sd-col-cleared for T.V.
Causes of water pollution in Wisconsin and what the state is doing to prevent and control pollution are shown in this film.
Source: 164
- POTENTIAL UNLIMITED** 19½ min-col
Film explains the importance of continuous supervisor-employee relationship. It makes clear the employee development responsibilities of supervisors and explains how to conduct the annual employee development interview. For training supervisors. Released 1964.
Source: 132
- POTLATCH COUNTRY** 27 min-col
This film shows the wilderness terrain of north central Idaho, from canyons to mountain peaks. It is the story of the wildlife of this area, showing the annual migrations of elk and mule deer, the predatory cougar and bear, the white-tailed deer, moose, beaver, mountain goat and Rocky Mountain bighorn sheep.
Source: 109
- POWER OF PAPER, THE** 27 min-sd-col
The entire panorama of paper and papermaking is brought before the camera—from the ancients' discovery of paper to present day paper making operations. Also shows the story of an industrial research project which discovered a new raw material helping to bring more security to one community and creating a better quality product.
Source: 56
- PRESCRIBED BURNING IN THE SOUTH *** 25 min-sd-col
A film designed to inform foresters and fire suppression crews as to the objectives, planning, execution, and benefits of correct prescribed burning in Southern pine Coastal Plain forests. Prescribed fire, properly planned and executed, is a useful management tool. Among its benefits are control of undergrowth reduction of fire hazards, improvement of wildlife habitat, and control of brown spot in young longleaf pine. It also helps in the preparation of seedbeds.
Source: 132
- PRESIDENT PLANTS A TREE, THE** 7 min-sd-col
The White House has special significance for all Americans. Each President has left his mark upon his country's "Official" residence. Some of the finest contributions to its beauty are the trees which our Presidents have planted on the White House grounds. A number of these trees, whose plantings coincide with historic events, are shown in their present day splendor. Here, in turn, President Eisenhower plants the tree of his selection for future generations to enjoy.
Source: 26-34-83-127-132-146-148-151-157
- PREVENT FOREST FIRES** 6 min
Shows some of the common careless habits of people that cause forest fires and how they can be prevented.
Source: 102
- PROFITABLE LOGGING WITH THE TRAKLOADER** 22 min-sd-col
Shows Trakloader at work on northwest logging shows, loading from right-of-ways, travelling, yarding and loading.
Source: 159

- PROMISE OF THE TREES** 26 min-sd-col
Shows how company unwraps nature's bundles of fibers to make lumber and pulp products.
Source: 127-160
- PROMISE OF THE TREES** 28 min-sd-col
Story of wood cellulose from tree farms in the Pacific Northwest. Tree growth by means of fiber formation. Production of pulp and paper, lumber, cellophane, and rayon. Planning program of tree farming promising future resources of wood.
Source: 139-160
- PULP AND PAPER FROM CANADA** 22 min-B&W
One of Canada's biggest industries shown from forest to finished paper. Shows the logs going to the mills to be ground or chopped and run through a series of machines until the pulp becomes immense sheets of paper. Concludes by emphasizing that the true prosperity of this industry depends upon adequate forest conservation measures.
Source: 63
- PULPWOOD LOGGING** 10 min-sd-col
Describes hardwood logging methods conducted in rugged territory near Budgton, Maine. Complete operations—bunching, roading, cutting bolts, and hauling are described.
Source: 22-61-91
- PULP HARVESTING SYSTEM** 23 min-sd-col
Pettibone log skidder with tree shear attachment felling trees and skidding them to mobile slashers for cutting to specified lengths. Cary-lift loader stock piling and loading logs from slasher to trucks.
Source: 107
- PUT IT ON POLES** 16 min-sd-col
Shows pole buildings in many stages of construction, primarily for lumber dealers.
Source: 41
- RAINBOW VALLEY** 30 min-sd-col-B&W
This picture portrays the work and responsibilities of the U.S. Forest ranger in the service of the American people. Illustrated are many of the activities in which all forest rangers engage in protecting and managing the resources of the national forest. Also shown are the multiple benefits of the national forest in the form of timber, water, grass, wildlife, and recreation.
Source: 34-101-127-132-142-155-160
- RANCHERS AND RANGERS** 19 min-sd-col
A demonstration of how the Colorado Cattlemen's Assoc. and the U.S. Forest, working together, developed a successful range management program in Colorado. For adult audiences, especially those interested in the cattle industry and land management. Released 1966
- RANGE ALLOTMENT ANALYSIS *** col.-2 reels: 1. 21 min
2. 25½ min
Range allotment analysis is the systematic method used by range managers in the FS to collect information on which to base their management plans and decisions for the National Forests and National Grasslands. The two reels with training outlines and aids are to be used as part of a training course for range managers. Also of interest to livestock owners and grazing permittees. Released 1965.
Source: 132-160
- REALM OF THE WILD** 25 min
Our National Forests are great wilderness areas for America's wildlife. Some protection, as provided by State and Federal game laws, is essential. Film shows that more vital than game laws is an assured year-round supply of food and cover: Grass, weeds, shrubs, and trees. Released 1945; revised 1961.
Source: 40-127-132-151
- RE-CREATING SPIRIT, THE** 15 min-sd-col
The film plays on Georgia's state parks showing the many facilities made available to Georgians and the thousands of tourists that pass through the state annually. The place forestry has taken in the development of the state parks is depicted.
Source: 54
- RED 14** 28 min-sd-col-cleared for T.V.
This film explains the purpose of game management and covers many scenes of various game research projects, including fine wildlife shots as well as good hunting scenes. The story presents a ruffed grouse that is banded with a Red 14 band and reappears at various intervals throughout the film.
Source: 164

- REDWOOD SAGA** 11min-sd-col
Redwood lumber industry from the tall redwood trees to the polished beams. Includes close-ups of the tree, its bark, and structure, its resistance to disease, termites, and similar pests.
Source: 23
- REDWOOD TREES** 15 min-sd-col
Redwood trees are one of the ancient plant forms of the world; the coast redwood, sequoia and metasequoia are still extant in North America and China; timber resource and recreational aspects.
Source: 64-141
- REPORT ON THE GIANT** 17 min-sd-col
Reports on work being done by Cat D9 tractors throughout the United States. Shows the Giant of the Crawlers at work on tough jobs bulldozing, ripping, pushing and skidding logs.
Source: 22
- RIVER MUST LIVE, THE**
A film utilizing micro-photography to show how natural organisms, when allowed to function without interference by heavy doses of pollutants, clean up normal stream pollution.
Source: 115
- RIVER RUN** 15 min-sd-B&W
Proper management of privately owned forests can bring continuing prosperity over the years benefiting owners, communities, and the Nation. Shows how the Machias River Watershed in Maine has been supplying timber continuously for almost 200 years, and how Machias River drives are still being made by descendants of river drivers of old.
Source: 23-34-127-132-144-148
- RIVERS IN THE SKY** 28½ min-sd-col
Man has long dreamed of influencing the clouds, of altering the storms, of adding to the rain and snow to keep our rivers flowing and our reservoirs full. The primary emphasis is on cloud seeding, either with dry ice or with silver iodide, and on evaluation of results.
Source: 134
- "ROCK 'N' ROLL COMBO"** 23 min-sd-col
Demonstrates the many features of design and construction of the two similar models, the 4 yard Lorain 400 and the 5½ yard Lorain 500A, and the application of these features to on-the-job performance.
Source: 1
- ROCKY MOUNTAIN AREA:
BACKBONE OF THE NATION** 16 min-sd-rental fee
The Rocky Mountains are important to the people of the entire United States, but especially to those who live in the Intermountain and the Pacific Coast areas. For many of these people the Rockies are the principle source of water for domestic and industrial use. The Rocky Mountains also provide pasture land for sheep and cattle during the summer months and are covered with thick forests, a source of lumber and other wood products. Also featured in this film are views of Bryce Canyon, the Grand Canyon, Old Faithful, the mineral springs.
Source: 138
- ROGUE RIVER COUNTRY** 28 min-sd-col
An exciting review of the recreational opportunities and wealth of natural resources to be found in the Rogue River Valley of southwestern Oregon. Scenes include flowers, trees, fish and animal life, historic mining areas, hiking, white water boating, and other features of this famous area.
Source: 133
- ROOF LINE, THE** 10 min-sd-col
Deals with the treating, testing, and the uses of fire-retardant treated Western Red Cedar shingles and shakes. Prepared for showing to architects, contractors, builders, insurance underwriters, and building code officials.
Source: 71
- ROSEBURG STORY, THE** 26 min-col
Logging, lumbering and plywood operations of Roseburg Lumber Company, Dillard, Oregon.
Source: 114
- S-7 PAYLOGGER** 14 min-sd
Filmed on customer job locations during the normal course of their operations. Emphasis is placed on the design, construction, service and operational ease of the S-7 Paylogger.
Source: 168

- SAFE USE OF A CHAIN SAW** 14½ min
Chain saws have materially aided in reducing the amount of backbreaking labor associated with forest management. However, while a useful tool the chain saw can be very dangerous when improperly used. Demonstrated are the ways of using the chain saw in a safe manner.
Source: 146
- SAFETY FILM ON RUBBER TIRED SKIDDERS — CANADIAN OPERATIONS** 25 min-sd-col
Cautions against poor safety practices with a Rubber Tired Skidder such as hitch-hiking a ride, pulling down "hang-up," setting the brakes, and general overall safety precautions.
Source: 53
- SAFETY FOR SURE *** 10 min-cn
Safety training picture for in-service training; features a chalk talk. Points out the SURE way to safety and four key points that supervisors and workers should be taught.
Source: 132
- SAFETY PANTS** 10 min-sd-col-B&W
The necessity for leg protection during cutting operations. In French or English.
Source: 100
- SAW TIMBER** 21 min-sd-col
Documents all phases of logging operations on a well managed tree farm in central Idaho. Illustrates modern and progressive timber management. Shows teamwork of logging.
Source: 13-141-153
- SAW TIMBER** 24 min-rental fee
Shows the methods and the men in innumerable occupations that are employed in the process of obtaining and utilizing one of our greatest natural resources—lumber.
Source: 12-98
- SCIENCE AND WOOD UTILIZATION** 6 min-sd-col
Shows how scientific research is conserving our forest resources by pointing out new uses for wood by-products. Shows the part research plays in discovering means of utilizing all the products of wood, from its basic component, cellulose fiber, to a waste product, lignin.
Source: 121-126-153
- SCIENCE CONSERVES THE FOREST** 15 min-sd-col
The role of science in wise use and renewal of natural resources; modern scientific techniques essential to forest management; multiple activities of the forest ranger; and types of employment in forest conservation.
Source: 101
- SEASONAL CHANGES IN TREES** 11 min-sd-B&W
Changes that take place in the buds, flowers, fruit, leaves, and seeds of white oak, elm, and soft maple, cherry, and white pine in different seasons and different development.
Source: 35-51-62-74-83-118-126-127-146-147-148-155-160
- SECOND GIFT, THE (The Incredible Forest Series)**
A tree is on its way to become lumber, plywood, shingles, shakes, pulp, paper or newsprint. Some of the fascinating manufacturing processes in modern mills are shown.
Source: 77
- SECOND PAY DAY, THE** 22 min-sd-col
The Naval Stores industry is centered in Georgia where over fifty per cent of the world's supply is produced. This film shows the gum being gathered and its uses. In addition, the work of the Naval Stores Research Lab in Olustee, Florida is shown.
Source: 54
- SEED DISPERSAL (Second Edition)** 11 min-sd-B&W
Illustrates the dispersal of seeds by wind, water, animals, man and mechanical means. Skillful use of time-lapse photography makes possible an accurate and fascinating record of the movement of seeds.
Source: 6-7-8-13-44-64-101-104-118-123-126-137-145-146-147-155
- SEEDS OF DESTRUCTION** 10 min-col
Reveals the alarming extent to which man is depleting the soil and forest resources upon which his very survival depends. Recalls the wealth of America's original resources and contrasts this with the tragic waste from devastating forest fires, floods, erosion, and over-worked land. Recommends effective conservation measures, but reminds us that little time remains for putting them into practice.
Source: 6-7-62-64-74-83-104-118-126-137-138-144-146-147-151-153-161

- SEEDS, SEEDLINGS AND TREES** 14½ min-sd-B&W
Planting the right trees at the right place and time is a feat nature can't always perform. State nurseries aid nature in perpetuating multipurpose forests.
Source: 81
- SEMI-PORTABLE DEBARKING AND CHIPPING**
This shows Soderhamn 26" Cambio Debarker, hydraulic loader and an HP Chipper with chips being loaded into cars. Part of this film was taken during experimental stages.
Source: 117
- SIDING SENSE** 15 min-sd-col-renal fee
Requirements of wood exterior siding and its potential in architectural design and construction. Durability of wood shown by New England homes built in the 17th century and other structures of the 19th century.
Source: 127-141-160
- SILENT KILLER** 12 min-sd-col
Choice spruce and fir forests are attacked by the spruce budworm, a silent killer that can wreck a forest. This film shows a control project in southern Idaho, carried out by Federal and State agencies cooperating with affected landowners. They bring this epidemic under control by using airplanes for spraying, and following carefully laid plans of foresters entomologists, and other scientists.
Source: 34-111-132-151
- SKID—TO GREATER PROFITS** 14½ min-col
Depicts the Ranger at work on assignments ranging from the marshy forests of South Carolina to the high timber country of British Columbia.
Source: 25
- SMALL SAWMILL, THE** 20 min-sd-col
To stimulate interest of owners and operators of small sawmills in more efficient production, better quality of lumber, and more complete utilization of sawtimber and saw logs. Shows transformation of a small dilapidated unproductive sawmill into an efficient and productive operation. Released 1954
Source: 34-132
- SMOKE IN THE HOLLOW** 13 min-sd-col
A member of a volunteer fire crew tells a story designed to point out the damage resulting from man-caused fires in the hill country of Ohio. Typical causes of fires and the ways in which fires can lower the general prosperity of the community shown.
Source: 132F
- SMOKE JUMPERS** 10 min-sd-col-B&W
Shows how the U.S. Forest Service has developed its own airborne squadron—smoke jumpers, or parachuted firefighters—to combat forest fires in the remote, roadless areas of our great north country and the Southwest. Smoke-jumping is a fast, efficient way of getting firefighters to where they are needed in such country. Every jump is a hazardous operation, but the film shows that the jumper is given maximum protection by reason of well-planned equipment and grueling training. The film covers both the glamorous and the unglamorous aspects of smokejumping and carries a dramatic forest-fire prevention message.
Source: 23-64-101-127-129-132-142-145-150-157-160
- SMOKEY AND HIS FRIENDS** 3½ min-sd-col
Smokey meets some of his wild animal and bird friends and watches them in their forest home. He reminds us that fires destroy the homes of his friends. Animated and live action photography. Released 1967.
Source: 132
- SMOKEY AND THE LITTLE BOY** 4½ min
A special Smokey Bear animated cartoon featurette. A combination of several of the Smokey Bear 1-minute animated spots. Released 1960.
Source: 132
- SMOKEY THE BEAR** 4½ min-sd-B&W
Eddy Arnold sings "Smokey the Bear" and reminds the boys on a camping trip to be careful of fire. Released 1952.
Source: 9-23-34-76-83-97-101-111-125-132-137-140-144-148-151-160
- SNUFFY—SMOKEY'S BEAR PAL** 4 min-sd-col-B&W
Here is a little cocker spaniel's version of helping Smokey Bear prevent forest fires. This game little fire-fighting dog ardently supports forest rangers in their constant vigilance to detect fires in the forest, and to keep them from getting out of hand. Snuffy is the narrator.
Source: 9-127

SODERHAMN CAMBIO BARKER

How the pocket chain pulpwood feeder delivers to the Soderhamn infeed chain conveyor with hold-down arrangement for four feet and five feet-three inch pulpwood, through the fast twenty-one inch cambio barker, and onto the out-feed chain conveyor with same holddown arrangement. How pulpwood goes through the new Soderhamn metal-matic for demonstration of its sensitive metal detecting, dye marking and warning signal operation.
Source: 117

SOUND OF AMERICA

23 min-col

Shows the forest management program in the southern pine forests. Gives a complete story of how the trees are cut, transported, seasoned, dried, planed, and cut into proper sizes. Shows some other uses of southern pine in America and how the forests are protected from fires.
Source: 9-26-130

SOUTHERN HARDWOODS — YOURS FOREVER

30 min-sd-col

Stresses importance of sound forestry practices. Shows swampland and highland logging, production, handling, and seasoning of hardwood lumber. Released 1949.
Source: 139-161

SOUTHERN PINE BEETLE EPIDEMIC

13½ min-sd-col

Shows the 1962 invasion of the Southern Pine Beetle which threatened North Georgia's 281 million dollar timber industry and the invaders being brought under control.
Source: 54

SPARK ARRESTER *

10 min

This training picture shows the proper procedures for maintenance and inspection of spark arresters used on all types of motorized equipment. Released 1965.
Source: 132

SPRINGTIME'S HARVEST

22 min-col

This film portrays the production of maple syrup in Ontario—the tapping of trees, the gathering of sap, the evaporating of the sap into syrup. It also shows the collecting of sap by plastic tubing and nylon spikes, and the gathering of sap by tractor and by horse-drawn sleighs. Includes scenes of a taffy party in the bush.
Source: 34

SPRUCE BOG/AN ESSAY IN ECOLOGY

23 min-sd-col

A description of the conditions under which a spruce bog is formed, with details of the plant types found at successive stages of development from open water to mature spruce forests. Timelapse photography illustrates the growth and decay of vegetation preceding the appearance of sphagnum moss which chokes off water to make the floor of the forest. The film discusses the commercial uses of peat extracted from such bogs, and the value of black spruce to Canada's pulp industry.
Source: 18-32-34-64-69-93-119-138-140-148-153

STOP FOREST FIRES!

10 min-sd-B&W

Discusses the problems of the forest fire, with striking scenes from recent major conflagrations. Released 1936.
Source: 6-7-118-146

STORY IN THE SMOKE

28½ min-sd-col

A new film featuring the emergency fire warden and showing the equipment and techniques used by the Conservation Division Forest Protection Bureau in fighting fires.
Source: 164

STORY OF PLYWOOD

10 min-B&W

Story of the various steps in the manufacture and grading of Douglas fir plywood. Shows some of its common uses.
Source: 74-137

STORY OF THE FOREST

30 min-B&W

Emphasizes the immense importance of the forest for health and recreation, for its lumber, as a home for wild animals and the vital part it plays in water control and soil erosion. A study of the work of the Government in reforestation. Shows a raging forest fire in southern California caused by man's carelessness, and the flood which resulted from that fire's destruction.
Source: 70

- STORY OF WOOD IN THE NORTHEAST, THE** 30 min-sd-col
Shows woods and sawmill operations in Northeast with interesting scenes in box and furniture factories, and in a wooden heel plant.
Source: 127
- STRAND BREAKS** 16 min-sd-col
Demonstrates the consequence of a state of unbalance in nature. The destruction of a community as a consequence of one element's getting out hand is carefully traced in regard to both forest and grassland. Results of overgrazing and hunting are explored and the point made that only by intelligent management can man secure his heritage of the soil.
Source: 42-134
- STRANDS GROW, THE** 15 min-sd-col
Uses fossils remains and other prehistoric relics to show that communities of plants and animals have existed on earth only to be replaced by others when they have failed to adjust themselves to changes in their own environment. The growth and development of the climax forest is shown in detail to emphasize the meaning of a state of balance in nature.
Source: 44-138
- STRENGTH OF THE HILLS** 11 min-sd-B&W
How Lower Ohio Valley and Ozark Mountain people have come to realize the strength of the farms and forest.
Source: 118-151
- STUDY IN VENEER FORMATION** 18 min-sil-B&W
Research film showing magnified edge of veneer knife as it cuts wood cells. Effect of solid nosebar and knife sharpness on cutting action is shown.
Source: 146-154
- SUCCESSION — FROM SAND DUNE TO FOREST** 16 min-col
Ecological succession dealing with the mutual relationship between organisms and their environment as successive changes occur on the southern edge of Lake Michigan. Each stage of the ecological succession is characterized by certain animals and plants.
Source: 64-69-83-137-138-140-153
- SUNKEN FOREST, THE** 10 min-col
This amazing holly forest is located on Fire Island Beach just 50 miles from New York City. It has been saved from destruction by the combined efforts of many conservation-minded people and set up as the Sunken Forest Preserve, for study and enjoyment by laymen and scientists alike. The film takes you on a trip through this beautiful forest and points out some of the natural wonders and ecological phenomena so vividly expressed there.
Source: 98-138
- SUWANEE PINE** 18 min-sd-col
Shows methods of harvesting the crude gum rosin from pines in the South. Shows how the rosin is distilled, stored, weighed, inspected, and packaged; also, uses.
Source: 64-140
- SWEDISH INDUSTRIES** 22 min-sd-B&W
Deals with Sweden's agricultural, lumbering, and mineral industries. Includes scenes of the Plant Breeding Station at Svalov and of farmers doing large-scale farming. Shows the felling of trees, transporting of the logs to rivers, water routes to mills, sawmill operation, and the manufacture of iron, mining of silver, examples of Swedish silver, and the art of glass blowing and of glass engraving.
Source: 64
- SWIFT AND THE SILENT** 15 min-sd-col
Cast: Tony Jensen, Assistant Extension Forester. A dramatic story depicting the dangers found in Florida woods, such as poisonous snakes, sunstroke, falls. Tells how to avoid being injured and how to treat accidents. Film No. 94.
Source: 49
- SYSTEMS ANALYSIS IN SAWMILLS** 25 min-sd-col
Shows the use of system analysis concept and methodology in combining the human, raw material and machine resources to improve productive efficiency and profitability in sawmills.
Source: 99
- TAKE IT AWAY** 20 min-sd-B&W
An educational picture, the film traces the history of slings and shows various types in action. The film explains how the rated capacity of a sling will vary due to stresses caused by the various method of applying the sling to the load.
Source: 78

- TALE OF THE REDWOODS** 22 min-2 reels
A story of life in the redwood forest.
Source: 74
- TALENT FOR DISASTER** 19 min-sd-col
A young married man dumps barbeque ashes near trash pile. He then returns to continue his snooze in hammock. His wife comes out of kitchen to discover that the entire trash pile and surrounding brush are in flames. We then see a continuity of events leading up to the establishment of a full scale Fire Camp. We emphasize, through the person of the Fire Boss and local TV station "on the spot" broadcast coverage, the tremendous effort being expended and the cost in men and equipment, to bring the fire under control. Through disaster, we learn that carelessness with fire is the ultimate crime against ourselves, our fellow man, and all other living things.
Source: 40
- TEMPERATE DECIDUOUS FORESTS** 17 min-sd-col
Shows typical deciduous forest plants and animals and their adaptations to seasonal change. The full yearly cycle of spring, summer, autumn and winter is shown through the use of time-lapse, photomicrography, and live photography.
Source: 44-64-69-83-101-127-138-139-142-160
- TENNESSEE VENTURE** 18 min-sd-col
Deals with factors influencing decision of Bowaters to build at this particular site and shows sequences pertaining to construction, manufacturing process, and use of the paper.
Source: 14
- TENT FLAPS AND FLAPJACKS** 25½ min-sd-col
Recreation in all its forms is one of the largest uses of the National Forests. Lakes and streams have particular appeal, and this film takes you from a thrilling float trip on the Current River in Missouri to the Boundary Waters Canoe Area on the Superior National Forest in Minnesota. Released 1964.
Source: 132F
- TERRAIN TRANSPORT** sd-col
Showing transport from stump to road of logs and pulpwood.
Source: 58
- THEN IT HAPPENED** 11 min-sd-col
A documentary account of the 1947 Maine forest fires which caused losses of upwards of 30 million dollars in property and natural resources and left ruin and desolation in their wake. Released 1948.
Source: 8-40-75-76-97-101-130-132-137-140-151-155-157-160-161
- THERE COMES A TOMORROW** 27 min-sd-col
This film demonstrates the need of stimulating community-wide concern for effective forest fire prevention measures. A part time farmer learns "The hard way" about the need for precaution in burning debris. His neighbors leave their own work to fight a forest fire started by his carelessness. Before fire is controlled it causes considerable damage to property, timber, and land. They learn all must work together to keep these fires from starting if they want to retain community values.
Source: 40-32 I
- THIRTY YEARS OF LOGGING** 22 min
Shows the changes from one logging method to the next over a period of the past thirty years.
Source: 140
- THIS ABOVE ALL** 13½ min-sd-col
The story of roofs as designed during various architectural periods, with particular emphasis on the contemporary design showing the various materials used in roof construction and particularly the use of insulating roof deck slab in contemporary design.
Source: 66
- THIS IS LUMBER** 19 min-col
The harvesting, manufacturing and uses of western fir, spruce and red cedar. Uses of wood from early history to modern consumption for forms for freeways and dams, telephone poles, church arches of glued, laminated wood, wharves, railroad boxcars and crossties, and of prime importance in the building of churches, and industrial buildings.
Source: 69-141-160
- THIS IS YOUR FOREST** 9 min-sd-col
A simple story of a ranger explaining what his district is "for" to two Boy Scouts. Scenes of all national forest activities. Filmed in the northern lake States.
Source: 132 F

- TI-JEAN GOES LUMBERING** 16 min-col-B&W
A French-Canadian folk tale about the fantastic exploits of a mysterious little boy who one day rides into a winter logging camp on a big white horse. Film portrays typical life and work in a Canadian logging camp.
Source: 18-63-93-153
- TIMBER AND TOTEM POLES** 11 min-sd-col
Southeast Alaska, land of timber and totem poles has much to offer Americans today and for hundreds of years to come. Here on the Tongass National Forest there are vast acreages of timber waiting to be felled and hauled to the mills. Here, too, totem poles tell the legend of the land in ancient carvings. Native Alaskan Indians, in ceremonial garb, are shown restoring and copying their totem poles.
Source: 132-137-154
- TIMBER FRONT** 22 min-sd
The contribution of Canada's forests to the war effort and their vital part in the reconstruction following the war. Former exploitation is contrasted with current forest conservation methods.
Source: 126
- TIMBER GROWERS DREAM** 13 min-sil-col
Deals with front-end fire plow. Produced 1959.
Source: 128
- TIMBER GROWING TODAY** 20 min-sd-col
A representative forest industry considers its outlook in terms of growing timber and the livelihood of its employees. Shows beautiful mountain forest scenery.
Source: 142-151
- TIMBER HARVEST** 10½ min-sd-col
Early lumbering practice in Michigan. Ripe trees are harvested in the beauty of a Michigan northland winter. Life in the camps, transportation and millwork add to the interest.
Source: 81
- TIMBER IS A CROP** 20 min-col
Scene laid in Maine. Forestry practices illustrated apply under New York conditions. Chief feature—a record of the spring log drive down one of Maine's rivers. Shows several mechanical developments in logging and emphasizes that good forest practices can assure continuous cash for farmers.
Source: 40-76
- TIMBER RESOURCES REVIEW** 6 min-col
An analysis of what is good and what is bad concerning the management of commercial forest lands in U.S. Emphasis is on needful practices on private forest lands.
Source: 127
- TIMBER TALE** 13 min-sd-col
Stresses the importance of the forest on the economy of the State of Virginia. Featured are short looks into the manufacture of some of the forest products that are produced in Virginia. Also featured are some of the end products in use in the home. Tells of the work of foresters in encouraging the cultivation of forests for the future good of the state.
Source: 157
- TIME OF CHANGE** 13½ min-sd-col
Depicts the most recent examples of exterior wood graining and special sophisticated decorator surfacings on interior hardboard paneling and exterior siding. Over a score of new settings have been incorporated to include all phases of housing and industry. New segments include hardboard applications for store displays, toys, furniture, automobiles and outdoor advertising.
Source: 87
- TIME TO BEGIN** 28 min-sd-col
Deals with conservation and preservation of natural beauty. Air and water pollution, urban blight, littering, strip mining, commercial exploitation of scenic resources, automobile salvage yards, dumps, etc. are discussed.
Source: 141
- TIME-LAPSE STUDIES OF GROWING TREES** 9 min-sd-col
Features close-ups of the opening leaf and flower buds of several common trees. Two sequences show the change from flower to fruit (Silver maple, and cottonwood), and the dramatic dispersal of seeds, and the germinating seed from which the young is born.
Source: 101-127-138-140-141-160

- TO TOP THEM ALL** 12½ min
A film about the Clark Ranger rubber tired skidder. The film portrays the skidder's emergence, from initial planning through finished product. The machine "grows" before the viewer's eyes as the film progresses.
Source: 25
- TOMORROW'S TREES** 31½ min-sd-col
Dramatically describes the huge task of controlling the forces of nature which are a constant threat to our forest. Striking time-lapse techniques record the birth and growth of trees.
Source: 101
- TRANSIT TRAVERSE FOR TOPOGRAPHIC MAPPING** 25 min-sd-col
Shows the equipment and techniques used for triangulation to determine positions for basic horizontal control. Also shows measurement of vertical angles to determine supplemental control elevations.
Source: 134
- TREASURES OF THE FOREST** 12 min-sd-B&W
A documentary of the newsprint and lumber industries of Canada filmed in the rain forests of British Columbia. Dramatic sequences illustrate lumbering operations from the forest to modern processing.
Source: 18-35-64-93-142
- TREASURES OF THE FOREST** 18 min-sd-B&W
The story of one of Sweden's greatest industries, lumbering. Shows the felling of trees in mid-winter, floating them to the mill, sawing them into building lumber or grinding them into pulp for textile-making.
Source: 51-142-151
- TREASURES OF THE FOREST** 13½ min-sd-B&W
Modern mechanization of forest products. Pulp, paper, and other products as now produced in a modern wood products organization.
Source: 101
- TREAT WOOD RIGHT** 20 min-sd-col
This film describes the importance of wood preservation in all types of structures. Tests at the U.S. Forest Products Laboratory and industrial methods of treating wood are shown along with animation of what takes place in wood cells under pressure and hot-and-cold submersion treatments.
Source: 41-145
- TREATING WOOD** 14 min-B&W
Emphasizes the need for treating wood that will be exposed to Florida's damp climate. Lists and discusses some of the things that attack wood here. Includes a tour to a wood-treating plant to see how treatments are applied.
Source: 49
- TREE, THE** 9 min-sd-col
Depicts the many roles played by a tree in nature.
Source: 64-137
- TREE BANK** 12 min-sd-col
Tree nursery activities, planting, cultivating, etc. Values of tree farm to one family. Emphasizes economic values of farm woodlands.
Source: 23-34-40-64-76-83-101-111-118-127-132-137-142-144-157-161
- TREE FARM, THE** 13½ min-sd-col
Shows the modern day methods of harvesting and the pleasures of outdoor recreation.
Source: 2-92-127
- TREE FARMING** 7 min-B&W
Points out advantages of tree farming. How to properly manage the farm forest. How to become a tree farmer. How foresters estimate board feet and income from a crop of trees.
Source: 145
- TREE GROWS FOR CHRISTMAS, A** 11 min-sd-col-B&W
Tells the story of the Christmas tree in history and legend, and of the Christmas tree industry today. Shows that cutting of Christmas trees, when properly done, is good forestry. Shows how the trees are cut and marketed and how a tree should properly be handled after it is brought home. The film ends on a scene showing the Christmas tree fulfilling its traditional destiny.
Source: 34-127-130-132-139-142-144-147-148-155-157-160-161

- TREE IMPROVEMENT AND GENETICS** 25 min-sd-col
This film was produced to portray a new and exciting field of forestry which deals with tree improvement through the application of principles of genetics. Special photographic techniques are used to show: gentle variation propagation; quantitative genetics and computer analysis; use of radiation and radio-active tracers.
Source: 127-160
- TREE IS BORN, A** 29 min-sd-col
This film shows the techniques Forest Service researchers employ to produce hybrid pines through controlled pollination and through the selection of superior pines and use of their natural seed. Time-lapse photograph shows a pine-cone opening and tree seeds germinating and growing.
Source: 64-121-127-132-160
- TREE OF LIFE** 18 min-sd-B&W
Theme of sustained yield management of forests and part forests play in community prosperity.
Source: 8-111-126-146
- TREE PLANTER FIRE PLOW** 8 min-sil-col
A-160-2
Source: 128
- TREE PLANTING** 6 min-B&W
Shows actual planting of trees by mechanical and hand methods, equipment and tools to use, care of trees before planting and how to plant.
Source: 145
- TREE PLANTING** 20 min-sd-col
Describes the mechanics of hand tree planting. Includes all operations from transportation of crews and proper clothing to the actual step-by-step training of a planter and illustrations of good and bad planting "spots." Safety is stressed throughout the film.
Source: 125
- TREE PORTRAITS** 21 min-col
Beautiful portrayal of seasonal cycle and characteristics of principal trees of north-eastern United States. Shows leaves, buds, flowers, bark and general contours of many evergreens and such others as the hickory, red oak, maple and white ash. Exceptional close-up and time-lapse photography of buds and flowers, seed dispersal, and leaf separation.
Source: 34-127-144-148-160
- TREE SHAKER** 12 min-col
This film shows the use of the tree shaker collecting cones from standing trees. The operation, care and method of using the tree shaker is described. The film is useful for showing people what a treeshaker is and as a preliminary to training in the use of the equipment.
Source: 132
- TREES** 20 min-sd-col
Pictures depleting of forest and efforts to grow trees quickly. Shows planting and harvesting methods in use throughout the United States.
Source: 139-140-141
- TREES** 12 min-col
Stresses value of trees as a cash crop. Emphasizes importance of "Tree Farms" as a source of timber to meet the Nation's growing demands. Shows conservation logging and points up good methods of tree farm planning and planting.
Source: 62
- TREES AND HOMES** 30 min-sd-col
Logging and lumber manufacturing in Pacific Northwest and Inland Empire's good scenic spots.
Source: 13
- TREES AND THEIR CARE** 29 min-sd-col-rental fee
Transplanting sizeable tree, pruning, repair of damaged trees and protecting trees against fungi and insects practiced by large scale or commercial operators.
Source: 160
- TREES AND THEIR IMPORTANCE** 12 min-sd-col
Emphasizes the importance of trees as a renewable resource in conservation, and their role in water and soil conservation. Animated sequences showing the life processes of a tree illustrate how trees contribute to the welfare of man.
Source: 69-137-148

- TREES ARE A CROP** 23 min-col
A demonstration of efficient woodlot management, showing how a farmer can make the maximum yearly income from this source. Gives information on which trees to cut and advice on marketing.
Source: 83-162
- TREE'S BEST FRIEND, A** 20 min
Documentary outlining forest management methods a small landowner can use to make his woodlands more productive.
Source: 50
- TREES FOR TOMORROW** sd-col-B&W
This film covers early American use of wood, modern utilization of wood and growing trees for tomorrow.
Source: 6-7-9-23-34-40-76-83-88-89-111-119-123-127-130-133-137-139-142-143-144-145-146-147-148-150-151-161
- TREES FOR VIRGINIA** 6½ min-sd-col
Shows the values, methods and practices of reforestation in Virginia.
Source: 157
- TREES GROW THROUGH THE YEARS** 11 min-sd-col-B&W
Trees are among the oldest and largest of living things. The story of a tree begins with great numbers of seeds. Through time-lapse photography, we see the first growth, and then watch the development through the years. We see details of growth, including the changing appearance of bark and branches, and the processes of healing or decay when branches are removed from a tree.
Source: 35
- TREES: HOW WE IDENTIFY THEM** 10 min-sd-col-B&W
Citing many varieties as examples, the film points out ways to identify trees by shape, bark, leaves, and fruit—and explains the differences between deciduous trees and evergreens. Individual characteristics of many trees are shown, and activities are suggested which will motivate students to take a greater interest in the trees in their community.
Source: 7-34-35-51-64-89-137-141-146-148
- TREES: OUR PLANT GIANTS** 14 min-sd-col
Importance of trees to mankind; how they grow; how to determine their age; their varied uses; how they break the fall and flow of rain to prevent the soil from eroding.
Source: 7-83
- TREES THAT REACH THE SKY** 9 min-sd-B&W
Shows the lumbering of Sitka Spruce of the Pacific Coast, the manufacture of plywood, and the construction of plywood airplanes.
Source: 8-64
- TREES TO LUMBER** 10 min-sd-B&W
How modern wood-using industry grows and harvests trees as a crop and processes them into lumber, plywood and other products for man's use.
Source: 40-124-151
- TREES TO PAPER** 10 min-sd-B&W
The story of modern methods of making paper.
Source: 40-81-124
- TREES TO TAME THE WIND** 12 min-sd-B&W
Depicts the success of windbreaks, and shows effects on lives and fortunes of Great Plains people.
Source: 8-83-121-150
- TREES TO TRADE** 31 min-sd-col
Covers all phases of lumbering—from the growing and harvesting of trees, to the manufacture and use of product.
Source: 154
- TREES TO "TRIBUNE"** 35 min-sd-col
Shows the major activities involved in the production of the Chicago Tribune—how pulpwood is gathered, and how newsprint paper is made and the newspaper produced.
Source: 64-126
- TROPICAL RAIN FOREST** 28 min-col
Importance of water distribution in determining type of vegetation in tropical areas. Limiting factors in tropical rain forests. Illustrates plants and animals that inhabit tropical areas.
Source: 69-83-101-141

- TROPICAL RAIN FOREST** 16 min-col
Shows the layered structure of tropical rain forest vegetation, describes conditions of temperature and rainfall, and provides examples of both typical and rare species of tropical rain forest animal and plant life.
Source: 44-64-69-83-101-138-140-160
- TROUBLED WATERS** 28 min-sd-col
Description of pollution in the United States, using the example of the heavily populated, industrialized Ohio River Valley.
Source: 135
- TURNING FORESTS INTO LUMBER** 20 min-col
Follows logs through sawmill and planer. Shows salvage operations.
Source: 101
- USE OF FIRE IN SLASH DISPOSAL *** 16 min-sd-col
The film is for administrative and forest fire control personnel who supervise and participate in slash disposal operations. Slash is an accumulation of natural and man made debris that creates a very serious fire hazard. Explains use of fire as part of slash treatment and demonstrates techniques and procedures used.
Source: 132
- USE OF FORESTS** 11 min-sd-B&W
Types of trees and the myriad uses of forest products. The forests as a home for wild animals and an important element in the conservation of water and land resources.
Source: 6-63-64-69-101-121-126-137-139-142-147-153-155
- USE YOUR ASH TRAY** 5 min-sd-col
Fire prevention warning to motorists about throwing burning cigarettes out of automobile windows.
Source: 128
- VIEWPOINT** 25 min
The story of the National Forests told from the special viewpoint of Bob Bray, who plays Forest Ranger Corey Stuart in the Lassie TV series. The film narrated by Bob Bray, includes many striking sequences filmed on National Forests in different sections of the country, plus some clips from the Lassie series. Suitable for all ages. Released 1967.
Source: 132
- VISION IN THE FOREST** 5 min-sd-col
Features Vaughan Monroe and his family enjoying a camping trip in the forest. Shows how we can all cooperate with Smokey Bear to prevent fires from getting started in our forests.
Source: 23-34-40-83-101-111-127-132-140-144-151
- VOICE OF THE FOREST** 28 min-sd-col
An unusual entertaining and informative film. An impressionable boy at summer camp, a forest that talks to him when he gets lost in the woods, and a carelessly set fire that threatens his new-found forest friends. The element plus excellent photography and music make a picture offering more complete understanding and appreciation of our forests. (Produced in cooperation with the State Foresters of the Northeastern States.) Released 1961.
Source: 40-101-127-132
- VOLUNTEER FIREMAN, THE** 19 min-sd-col
Training film for volunteer fire departments. Includes techniques of suppressing woods fires, importance of follow up, and cooperation between Volunteer Fire Departments and State Forest Fire Services. Filmed in the north-central region, nine States cooperating. Released 1961.
Source: 40-132 F
- WASTE WOOD TO CHARCOAL** 14½ min-sd-B&W
Popularity of outdoor cooking with charcoal is spurring research aimed at using more of Michigan's forest and mill wastes. The ancient art of charcoal making is explained by a native of Bagdad and you'll visit a modern-day Michigan processing plant.
Source: 81
- WATER FOR THE WEST** 25 min-col
Shows how the forest and watershed scientists at the Forest Service Experiment stations are trying to find the best ways to increase the yield of useful water without damaging the soil and the other important resources of the national forests. Released 1957.
Source: 101-132-137

- WATER ON THE FIRE** 27 min-col
Shows use of water in extinguishing forest and grass fires. Back pumps, tank trucks portable pumps, hose laying, relaying and various types of nozzles. Fire control of a hot running fire with emphasis on water use climaxes this film. Released 1953.
Source: 132 I
- WATER PATTERN OF LIFE** 28 min
Ohio is rich in water, but growing population is causing a competition for space which results in water problems of supply, floods, pollution and crowding of recreational area. This film illustrates how water behaves, how a flood plain functions, and the hydrologic and various other problems of water management.
Source: 38
- WATERS OF COWEETA** 20 min-sd-B&W
Documentary film of results of 20 years research at the hydrologic laboratory on the Coweeta Experimental Forest in the Appalachian Mountains of North Carolina. For students, teachers, engineers, scientists, and others interested in basic research and applied watershed management.
Source: 34-64-83-132-141-157-160
- WATERSHED** 27 min-sd-col
Presents practices used to recover lost grass and forest lands so that they may again serve as an adequate watershed. Generalizations are developed relating to good water conservation practices in any geographic area in order that land and water may be economically used by any citizen regardless of his occupation.
Source: 64
- WATERSHED** 20 min-col
Shows the importance of good watershed management and the vital role it plays in water control and soil erosion.
Source: 34-164
- WATERSHED CONSERVATION** 11 min-sd-col
Based on the President's natural resources message. Deals with floods, erosion, pollution, and water shortage.
Source: 133
- WATERSHED FIRES** 12 min-sd-col
Los Angeles County Fire Dept. and Forestry Service film of loss of valuable watershed land as a result of brush fires.
Source: 40-75
- WATERSHED WILDFIRE** 21 min-sd-col
Emphasizes the importance of immediate reseeded of areas damaged by wildfire to help prevent devastating floods with the advent of the rainy season. Help needed in support of fire prevention, fire detection and fire control—to keep earth's green blanket on our western watersheds and to keep water flowing to the people of the West. Released 1957.
Source: 101-127-132-160-163
- WATERSHEDS AND YOU** 18 min-col
Places emphasis on the small watershed program as a local program, locally initiated and locally planned and operated. Depicts watershed uses for those who live in the watershed as well as in nearby cities and urban areas and cities the watershed as contributing to the health and economic welfare of every community.
Source: 54
- WEALTH OF THE WEST** 17 min-sd-col
The story of nailed wooden vegetable shipping containers from forest to box manufacturer to packing shed to supermarket.
Source: 165
- WESTERN LOGGING (THEN AND NOW)** 19 min-sd-col
Scenes showing applications of caterpillar machinery in the logging areas of north-western United States. Shows steam and gas tractors and the work they did. Compares early equipment with the wide range of equipment available today.
Source: 91
- WHAT IS A TREE** 7 min-col
A delightful film narrated with poetic interpretation. Shows beauty and form of trees throughout the seasons and the variety of products extracted from trees. The film should be valuable in elementary nature study and in language arts.
Source: 127

WHATSOEVER A MAN SOWETH (The Incredible Forest Series)

The techniques of intensive forestry as practiced in B.C. are described in scenes of tree planting, thinning and logging as an example of the scientific approach to forest operations today.

Source: 77

WHEN A FELLOW NEEDS A FORESTER

25 min-sd-col

Forest Management. Shows the change in thinking of a small woodland owner regarding services offered by a forester after seeing the work demonstrated on his own land. Demonstrates forest management practices necessary to assure full growth on every forest acre.

Source: 9-122-130-157

WHERE THE TREE DWELLS (The Incredible Forest Series)

This is the story of the modern logger. Rare historic photographs of logging in B.C. are contrasted with today's methods of harvesting a forest.

Source: 77

WHICH HE HATH PLANTED

14½ min

Remake of an old film. Consists of scriptural references to trees as found in the bible.

Source: 130

WHITE PINE BLISTER RUST

20 min-sd-col

Shows areas affected. Complete life cycle of the rust alternate hosts. How it enters and kills the white pines and effective control measures.

Source: 126-151

WIDENING CIRCLE, THE

30 min-sd-col

Portrays Continental Can's operations from seed to the dry end of the paper roll, and includes such things as the company's genetics program; cutting program, site preparation and the manufacture of paper.

Source: 166

WIDENING HORIZONS

sd-col

Reviews world-wide activities of the Bowaters Organization during 1959, including the reception of Queen Elizabeth at Corner Brook, Newfoundland and the first use of the St. Lawrence Seaway.

Source: 14

WILDERNESS TRAIL, THE

15 min-sd-col

Takes the viewer on a trip through the Bridger Wilderness in Wyoming—a rugged area in the Rocky Mountains which has remained virtually unchanged for centuries.

Source: 23-83-111-127-132-151-157-160

WILDLANDS OF CALIFORNIA, THE

28 min-sd-col

Begins by showing the part the wildlands of California play in the state's economy. Gives a general picture of the activities of the Division of Forestry and is designed to acquaint the citizens of California with an important part of their state.

Source: 138

WILDLIFE AND THE HUMAN TOUCH

19 min-sd-B&W

Shows characteristics of forest animals in their natural habitat and management by the Forest Service to make a better habitat.

Source: 8-9-64-83-97-101-111-132-137-140-142-144-145-148-160-161

WILDLIFE AND TIMBER

6½ min-sd-col

Portrays the interesting management relationship between wildlife and timber—how the cutting of timber also improves habitat for deer, quail, turkey and other wildlife. How Ocala National Forest in Florida, as well as other National Forests, federal, state and private agencies, cooperate in exploring way to better manage the wildlife habitat and the wildlife crop.

Source: 132 J

WILDLIFE IN THE JUNGLES OF LATIN AMERICA

17 min-col

An ecological study of typical plant and animal forms of the rain forest of Latin America. Actual photography and charts are used to show forest life at four levels: the ground floor, which is in deep shadow, the small tree level; the lower canopy of trees from 70 to 100' high; and the upper canopy of trees 125-150' high. Altogether more than 50 examples of animal life—birds, mammals, insects, reptiles and amphibians—are shown as the film relates the characteristics of each to its environment. The interdependence of animals and plants is emphasized.

Source: 140

- WINDBREAKS ON THE PRAIRIES** 19 min-sd-col
Shows how the prairie farmers in Canada would often ruthlessly cut down the few trees that stood in the paths of their plows. Then a period of drought and high winds would destroy the topsoil. Shows the experimental station maintained by the Canadian Government at Indian Head, Saskatchewan, attempting to remedy this serious situation. Shows acres of young trees cultivated and distributed to make windbreaks.
Source: 64
- WINTER HAULING OF PULPWOOD IN THE NORTHEAST** 24 min-sd-col
Depicts safety and training in winter hauling of pulpwood.
Source: 5
- WINTER OLYMPICS** 24 min
The VIII Winter Olympic Games were held at Squaw Valley, California, in the Tahoe National Forest. The Forest Service cooperated before and during the games in avalanche prevention and control work. Shows good coverage of the games, and catches the excitement of the competition. Narrated by Lowell Thomas. Released 1961.
Source: 132
- WINTER WONDERLAND** 12 min-sd
Illustrates winter sports on national forests, such as skiing, snowshoeing, and skating.
Source: 137-157
- WOMAN'S ANGLE, THE**
A Forest Firefighter has just said "I do" to his new bride, but before they can start their honeymoon, the husband is called to help put out a raging forest fire. The new bride joins the other wives of the firefighters in waiting out the fire while their men are risking their lives fighting a forest fire. The women talk . . . drink coffee . . . try to laugh . . . but each one is hiding fear in her heart. Then a young lady is brought in, by order of the Fire Boss, to wait with the wives. She asks to use the phone . . . then her identity is revealed. It is she who has started the terrible fire! The TV set is turned on and the women learn of the progress of the fire . . . one of the men is in extreme danger . . . perhaps killed. Whose husband is it . . . and what should be done with this selfish girl . . .! This absorbing drama is unfolded in authentic detail . . . the risks Forest Firefighters must take to keep our forests green and our valuable watershed from being destroyed. It brings carelessness and criminal negligence with fire . . . chillingly to life!!
Source: 40
- WONDER WOOD, THE** 28 min-sd-col
Deals with the pressure treatment of lumber and timber. Movie starts with the actual cutting of the tree, covers the complete theory and method of pressure treatment and ends with a description of the uses the materials can be put to in home, industry and farm construction. It is exceptionally good in teaching students the theory and method of pressure treating wood materials.
Source: 102
- WONDERFUL WORLD OF WOOD** 22 min-sd-col
The many varied uses of wood are shown as a Forester recounts its uses to a group of Boy Scouts. This film was made in Georgia and features many of the state's wood using industries.
Source: 54
- WOOD DECAY BY FUNGI** 20 min-sd-col
Fungi are man's short-term enemy and long-term friend. This is the story of how wood decays, early signs of decay, and how through proper selection, design and treatment one can prevent the loss of valuable wooden structures. Points out the importance of decay in nature where disintegration of logs and debris is left in the forest builds organic residues and returns minerals and water to the soil and carbon dioxide to the air.
Source: 127-154-161
- WOOD, MASTERPIECE OF CREATION** 28 min-sd-col
The film examines wood—its color, grain and texture, and then using a common pin as a measure of size projects the viewer into the amazing unseen world of micro-and ultra-structure. The remarkable structure of wood gives it such strength that the combined weight of 3 automobiles is needed to crush a one-inch square piece. A few of the many thousands of uses for unique method for bending wood strips using liquid ammonia is illustrated as an artist develops imagination sculptures.
Source: 127-138

- WOOD PRESERVATIVES** 14½ min
Lawrence Lenny, forester, emphasizes that the use of preservatives has a definite place wherever moisture can get on the wood.
Source: 146
- WOOD PULP CHLORINATION FILM** 7 min-col-animated
Illustrates the Pennsalt Pulp Chlorination system now in operation at various mills. Features the Pennsalt Chlorine retention mixer which provides adequate time to completely dissolve dispersed chlorine gas and uniformly mix it with the pulp thus avoiding later channelling in the chlorine retention tower. Also featured is the Pennsalt Chlorine Dispenser, a nozzle which provides dispersion of chlorine gas as a stream of fine bubbles into the water and then immediate introduction into the pulp flow.
Source: 106
- WOOD THAT COULD, THE** 28½ min-sd-col
Depicts the fabrication, quality control, and uses of structural glued, laminated timber. The versatility of structural glued laminated timber is dramatically portrayed in the movie by illustrations of homes, churches, schools, recreational facilities such as bowling alleys, swimming pools and resort areas; commercial establishments such as stores, shops and service stations, etc.
Source: 3-87
- WOODEN DOLLARS** 14 min-sd-col
How regular cropping of wood-lots on small farms can produce farm income, including as examples, the cropping practices of four Washington farmers.
Source: 160
- WOODLAND MANNERS** 19 min-sd-col-B&W
Shows necessary sanitary measures, carefulness with fire, and manners in the use of our National Forests.
Source: 23-34-97-101-127-132-144-145-151-152-160
- WOODS AND A WAY, THE** 25 min-sd-col-3 reels
Show how farm woods provided a way for a southern family to meet an emergency and build for a better life. Trees helped get money for an operation on little Bobby.
Source: 76
- WOODWORKER, THE** 10 min-sd-B&W
Shows the woodworking industry, the skill which it requires, and how to get the necessary training.
Source: 7-8-64-126-138-147
- WORKING FOREST, THE** 18 min
Explains the reasons for and methods of establishing a local forestry cooperative. While locale is the Lake States, the film is of interest to forestry and farm groups nationwide. Adult groups, especially those interested in organizing forestry cooperatives.
Source: 132
- WORKING THE SUGARBUSH** 22 min-col
The story of maple syrup production in Minnesota. Scenes show old methods used by Indians compared to present-day procedures. Includes information on refining, packaging, and marketing.
Source: 145
- YARDING LOGS** 21 min-col
A safety training film designed to instruct both new and experienced loggers in the proper and safest means of moving logs from where they have fallen to the landing. Demonstrates setting up a new area for yarding; rigging the spar tree and hauling lines; setting the choker, and yarding in the logs. Emphasizes the positive approach to each problem. A good film for public relations showings, acquainting the public with one phase of logging operations.
Source: 112
- YOUR CAREER IN FORESTRY** 18 min
Preparation for a professional career in forestry is the theme of this film. High school studies, college training at a school of forestry, and on-the-job training are presented. A variety of jobs in forestry are reviewed with emphasis on the forester's responsibility in the managing of natural resources.
Source: 7-141

**YOUR FRIEND THE FOREST
(KEEP IT OR DESTROY IT) 6 min-sd-col**

A field trip on film designed for use in primary and middle grade science units on conservation. Released 1954.
Source: 6-7-23-44-51-64-83-118-126-146-147-150-153

YOUR HUMBLE SERVANT 13 min. 44 sec.-col (TV)

Shorter version of the film, *THE LASTING GIFT*, which illustrates the many uses of wood today and how important wood products have been over the years. Also includes a message on good forest management.
Source: 26

YOUR TEXAS FOREST SERVICE 20 min-col

Depicts the many diverse activities of the Service by which it achieves its four major objectives: persuade and aid private timber landowners to practice forestry; protect private forest lands against wild forest fires, insect and diseases; inform the public of the contribution that forests make to the economy, and in uses and abuses of forest products and assist forest products industries to develop new products and improve production techniques.
Source: 130

YOUR WAY OUT 16 min. 27 sec.-col

A training film illustrating the proper techniques for using a portable personal fire shelter. It should be seen by all personnel having fire control duties.
Source: 132

CAREER OPPORTUNITIES

Shows career opportunities in the field of forestry, including the various branches of the profession.

CHRISTMAS TREE INDUSTRY

Shows the history and growth of the Christmas tree industry, including the various types of trees and the methods of growing them.

COMMUNITY FORESTRY: A LOCAL STORY

Shows a historical account of a community forest in Michigan, and discusses the many uses and benefits of the forest.

CONSERVATION TODAY: ACHIEVING PROGRESS

Shows the progress of conservation in the United States, and the various methods used to protect our natural resources.

DATELINE TENNESSEE

The story of the Tennessee Valley, from the early days of settlement to the present, and the various uses of the valley.

FARM AND THE FOREST: A STORY OF PROGRESS

Shows the progress of the farm and forest industries, and the various methods used to improve them.

**FORESTRY
FILMSTRIPS**

FARM FORESTRY: A STORY OF PROGRESS

Shows the progress of farm forestry, and the various methods used to improve the farm and forest.

FARM FORESTRY IN THE SOUTH

Shows the progress of farm forestry in the South, and the various methods used to improve the farm and forest.

FIRE BEHAVIOR: A STORY OF PROGRESS

Shows the behavior of fire, and the various methods used to control it.

FOREST AND ITS IMPORTANCE: A STORY OF PROGRESS

Shows the importance of the forest, and the various methods used to improve it.

FOREST AS A COMMUNITY

The importance of the forest as a community, and the various methods used to improve it.

FOREST AS A COMMUNITY: THE THEORY

Shows the theory of the forest as a community, and the various methods used to improve it.

FOREST CONSERVATION TODAY

Shows the progress of forest conservation today, and the various methods used to improve it.

THE UNIVERSITY OF TEXAS AT AUSTIN
 DEPARTMENT OF FORESTRY
 1954

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FORESTRY
 FILMSTRIPS

CAREER OPPORTUNITIES

Covers career opportunities at the unskilled, semi-skilled, skilled, technical and professional levels.
Source: 156

CHRISTMAS TREE INDUSTRY

sil-col-35 frames

Shows culture and harvest of Christmas trees and how the trees are grown, cut, transported. Identifies popular kinds of Christmas trees.
Source: 67

COMMUNITY FORESTS, A LOCAL ASSET

sil-B&W-79 frames

Shows a historical reserve of a community forest in Danville, New Hampshire. Show how community cooperation has helped to Tree-Farm a 75-acre tract of land. (For sale only)
Source: 108

CONSERVATION TODAY ABUNDANCE TOMORROW

col-65 frames

Shows correlation between the preservation of natural resources and our wildlife.
Source: 27

DATELINE TENNESSEE

col-16 min-with record

The story of Bowaters Southern Paper Corporation's newsprint mill at Calhoun, Tennessee, and the newsprint mfg. process, from wood to finished product. Produced in 1962.
Source: 14

FARM AND THE FARM WOODS, THE

sil-B&W-48 frames-slidefilm

Shows farm woods to be as much a crop-producing unit as any other part of the farm. Proper care and management of woods yield high quality products for home use and for sale. Released 1942.
Source: 76-127

FARM FORESTRY EXTENSION IN THE U.S.

B&W-69 frames

Prepared in cooperation with the Forest Service and the State Agricultural Extension Service. Illustrates several of the more important phases of farm forestry work conducted by State Extension Foresters and County Agents. Released 1936.
Source: 161

FARM FORESTRY IN THE SOUTH

sil-B&W-64 frames

Shows the kinds of trees found in the South, and explains their usage and values in farm woodlands. Released 1937.
Source: 76

FIRE BEHAVIOR, BASIC

60 slides

Covers why and how forest fires burn starting with fire triangle and including factors that influence fire behavior. Includes a lesson plan.
Source: 125

FOREST AND ITS IMPORTANCE, THE

col-54 frames

Shows the extent of forestry business and the major products received from forests along with the estimated annual income from these various products. Shows forests which have been used by successful forest owners and managers of forests so as to make them a paying business, and at the same time perpetuate them so that they will continue to be a paying business year after year.
Source: 27

FOREST AS A COMMUNITY

50 frames-col

The importance of the forest is hard to measure because in some form or another man, birds, insects, animals, and even the soil depends on trees for one or more services. These services are outlined and explained in detail by this filmstrip.
Source: 123

FOREST AS A COMMUNITY, THE (Ecology)

col-57 frames

Covers factors affecting forest site, seed dissemination, plant succession, competition factors, forest types and characteristics of even-aged and uneven-aged stands.
Source: 156

FOREST CONSERVATION TODAY

col-46 frames

Describes the role forests play in our lives and our economy by protecting watersheds and wildlife and providing us with industrial materials and recreational areas. Shows causes and results of forest depletion.
Source: 116

- FOREST INSECT ENEMIES** 100 slides
 Displays major forest insects of Oregon and typical damage. Control measures discussed. Includes a written narration and a 40 minute recorded narrative on tape.
 Source: 125
- FORESTS (INSECTS & DISEASES)** col-56 single frames
 Identifies important insects and insect damage and methods of combatting them; identifies important diseases and damage done by them; and outlines methods of combatting diseases.
 Source: 27
- FOREST RESOURCES** sil-col-35 frames
 Shows the best methods for cutting our forests, for producing the best crops of trees, and for planning for fire prevention.
 Source: 101
- FOREST, SOIL AND WATER** col-60 frames
 Presents, in beautiful color, information on the relation of forest to soil and water, and on the importance of forest resources to the economic and social welfare of the individual, the community and the nation.
 Source: 27
- FROM FOREST AND FARM** col-47 frames
 An informative, photo-illustrated survey of lumbering and agriculture in Canada's Atlantic Provinces.
 Source: 93
- HARDBOARD-ADVANTAGES AND USES IN HOMES** B&W
 Manufacturing process, physical properties and interior uses of hardboard in homes.
 Source: 111
- HARDBOARD FOR 1001 USES** B&W
 Portrays uses of hardboard in factories, stores, homes and on farms.
 Source: 111
- HARVESTING THE COASTAL FOREST** sil-B&W 43 frames
 An account of typical tree harvesting and lumber manufacturing processes in the coastal forest of British Columbia. Released 1956.
 Source: 93
- HOW TO IDENTIFY COMMON TREES** B&W-31 frames
 Points our certain clues to identify coniferous and deciduous trees.
 Source: 158
- HOW TO KNOW THE CONIFERS** 50 slides
 Geologically ancient, the conifers, evergreens or softwoods, as they are variously called, are of great importance as timber producers and are highly regarded for ornamental planting in parks and around the home. They are more than just "Christmas trees." Now we can get to know them by name.
 Source: 127
- HOW TREES GROW** 36 frames-col
 Covers the functions of the parts of the tree, how trees grow in diameter and how they grow in height and spread.
 Source: 156
- IDENTIFYING COMMON TREES** col-44 frames
 Shows how to identify trees by characteristics, outstanding features, examination of the bark, leaves, flowers, seeds, etc.
 Source: 127
- IDENTIFYING COMMON TREES** col-34 frames
 Leaves, buds, roots, growth patterns.
 Source: 116
- IDENTIFYING TREES Part I** col-37 frames
 Covers the importance of tree identification and how trees are identified by leaves, flowers, fruit, twigs and bark.
 Source: 156
- IDENTIFYING TREES Part II** col-53 frames
 Shows several of the identifying characteristics of 47 different trees common to Virginia.
 Source: 156

INSIDE STORY OF A GOOD HOME, THE

Story of proper uses of lumber in building homes.
Source: 127

IMPORTANCE TO OUR ECONOMY

col-64 frames

Covers the early uses of forests, how forests serve man, forest products, present status of Virginia's forest land and prospects for the future.
Source: 156

LET'S EXPLORE A WOODLAND

47 frames

Teaches that decaying leaves add humus to the soil, harbor caterpillars and spiders which are food for animals. Pictures the life that exists around a dead log. Portrays woodland plant life, insects and birds.
Source: 111

LET'S FOCUS ON THE FOREST

52 slides

Our forest resource is closely associated with our soil, water, and wildlife resources. With emphasis on the forest we learn how these vital resources affect our lives; why and how we should practice their conservation.
Source: 127

LUMBER

col-sil-42 frames

Describes California's lumber industry. Shows the felling of trees, the cutting, transporting, and stacking of logs, and various operations at the sawmill, including cutting logs into cants, trimming, grading and stacking of lumber for seasoning.
Source: 37

LUMBERING ERA IN MICHIGAN HISTORY (1860-1900)

67 frames

Organized by Phillip P. Mason, archivist, Wayne State University, Detroit, Michigan.
Source: 82

MAKING THE MOST OF YOUR WOODLOT

B&W-64 frames

The fallacies of "selling out" your woodlot and the harm you can cause both yourself and your fellow man by doing so. Constructive advice on woodlot improvement, management, and principles of marketing are shown.
Source: 127

MANAGING FORESTS THROUGH CUTTING PRACTICES

col-62 single frames

Proper cutting methods, when employed, are the most useful of all management practices. This filmstrip shows: conditions under which cutting practices are needed, how to employ cutting practices, and results of cutting practices.
Source: 27

MANAGING THE FOREST (Silviculture)

57 frame-col

Considers the factors in analyzing a stand, types of intermediate cutting and types of harvest cutting.
Source: 156

MAPS OF CANADA — FOREST AREAS

21 frames-B&W

Maps of Canada's provincial and northern regions show the distribution of various types of trees and their comparative value by province. A world map shows global forest zones, and a graph compares national production and export of forest products.
Source: 93

MEASURING AND MARKETING

58 frame-col

Covers units of measurement, log rules, measuring and tallying logs and standing trees and methods of marketing forest products.
Source: 156

MEASURING AND MARKETING TIMBER

col-46 single frames

A landowner can lose a large percent of his profits by poor marketing practices. Illustrated here are the various ways of measuring and calculating volume of saw timber, standing timber, logs, plywood, etc. Various methods of marketing are shown.
Source: 27

MOP-UP OF FOREST AND BRUSH FIRES

21 slides

Shows basic techniques of mop-up on fires. Lesson plans included.
Source: 125

- NATIVE TREES FOR CANADA** B&W-56 frames
An aid in identification and study of coniferous and deciduous trees native to Canada east of British Columbia, describing their characteristics, appearance and commercial uses.
Source: 93
- PAUL BUNYAN** col-51 frames
The story of Paul Bunyan, the legendary giant lumberjack, and his phenomenal strength and ingenious ideas many years ago in Maine.
Source: 127
- PLANNING FOREST ENTERPRISE** 50 single frames-col
Discusses land areas to devote to trees, kinds of trees to grow, method of establishing stand, method of improving present stand, methods of protecting stand.
Source: 27
- PLANTS GET READY FOR WINTER** sil-col-21 frames
Shows how plants mature in autumn, change color, and survive the winter. Identifies leaves of familiar trees. Released 1957.
Source: 67
- PRIMEVAL FORESTS** sil-col-44 frames
Explains how a primeval forest of 100 million years ago was turned to stone. Shows primeval forests of today that still exist in Sequoia, Muir, Olympic, and Rocky Mountain Parks. Explains how coast redwoods differ from giant sequoias; how steady rain creates a rain forest, and how timberline is defined in Rocky Mountain National Park.
Source: 36
- PRODUCTION OF MAPLE SYRUP, THE** For sale only
Shows an ideal sugar tree, sugarbush or grove, tapping, effects of tapping, woodshed and sap house, processing of sap, etc.
Source: 132
- PROTECTING FORESTS FROM UNDESIRABLE SPECIES** 31 single frames-col
Undesirable species cause a loss in growth and mortality of over seven billion board feet annually. This filmstrip covers the importance of protection from undesirable species, what conditions to control, and the procedure for protection.
Source: 27
- PROTECTING FORESTS FROM WILDFIRES** col-53 single frames
Wildfires cause a loss in mortality and a growth loss of over seven billion board feet annually. The following areas are discussed and illustrated: importance of protection and causes of wildfires, preventing wild fires, and procedure from combatting wild fires.
Source: 27
- PROTECTING THE FOREST** 68 frame-col
Covers the damage caused by wildfires, insects, diseases and animals and methods used in protecting the forest against these enemies.
Source: 156
- RAIN FOREST, THE** col-77 frames
Shows the hot, damp, jungles which circle the earth at the equator as the oldest forest in the world. Released 1955.
Source: 161
- REGENERATING A STAND OF FOREST TREES** col-50 single frames
Discusses the following operations seedling production, procuring nursery seedlings and protecting them until planted, preparing land for seedlings, planting seedlings by different methods, and promoting natural regeneration.
Source: 27
- REPRODUCING THE FOREST** col-54 frames
Explains the methods used in preparing the site, factors affecting seed, harvesting methods used to encourage natural reproduction and methods used in artificial reforestation.
Source: 156
- STORY OF FINE HARDWOODS, THE** (For sale) sil-col-slidefilm
How hardwoods are harvested and made into veneer and plywood for the manufacture of furniture, paneling, and other products.
Source: 47

- STORY OF FORESTS, THE** B&W-33 frames
How we can have forests and use them too. Forests as a vacation land, the home of wildlife, and the source of materials such as lumber, paper, sporting equipment, cloth, etc.
Source: 101-111-127
- STORY OF WEST COAST LUMBER** sil-col-75 frames
Revision of 1948 filmstrip. Shows how trees are harvested, where timber comes from, and the machines men use to process lumber. Explains importance of reforestation.
Source: 101-102-127
- STORY OF WISCONSIN PAPER, THE** 62 frames
Illustrates the development of the paper industry, the importance of paper to the economy of Wisconsin, and the varied products produced. It traces the production of paper from tree planting, protection, silviculture and harvesting through its final utilization in the paper making process.
Source: 167
- SUSAN AND THE FOREST FIRE** 28 frames
When fires are neglected forest and animals will be destroyed.
Source: 116
- SWEET SAP** B&W-25 frames
Large and small-scale methods of gathering and processing maple sap into syrup or sugar.
Source: 93
- TELLING TREES APART** col-48 frames
Conifers and broadleaved trees. Identifies leaves, bark, buds, flowers, fruit.
Source: 116
- TIMBER — FROM FOREST TO HOUSE** B&W-24 frames
An account of methods used in Canada's lumbering industry, and a review of some important products made from wood.
Source: 93
- TREE AND OTHER TRADITIONS** sil-col-29 frames
Shows the origin and development of such Christmas customs as the use of the Yule log, holly wreaths, mistletoe, candles, Christmas cards, poinsettias, and the star-topped Christmas tree.
Source: 67
- TREE PLANTING AND LAND USE**
How mistakes in land use result in loss of yields and soil, and how ruined land may still be made useful with plantings adapted to the site and given proper care as they develop.
Source: 76
- TREE PLANTING FOR CONSERVATION** sil-B&W-47 frames
Shows the type of land areas to be planted, kinds of trees best suited to such areas, and exactly how to go about the planting process.
Source: 158
- TREES** sil-col-31 frames
Drawings. Produced by David J. Goodman Inc. Correlated with the book "True Book of Trees" by Illa Podendorf. Describes the beauty and usefulness of trees. Shows how to recognize trees by shapes and by their leaves and bark.
Source: 116
- TWIGS AND BUDS OF DECIDUOUS TREES** 30 slides
Twigs with their buds, leaf scars, and other features are important in identifying deciduous trees. When examined closely with a magnifying lens, they often constitute a new and fantastic world of structure and color.
Source: 127
- USING OUR FOREST WISELY** 53 frames
Depicts all the uses to which we can put our forests. Striking photography of parks, wild animals, watersheds, windbreaks, etc., plus a history of our forests and how they helped our country to grow. Shows the work of the Forest Service in protecting this American heritage and how you can help.
Source: 127

VISIT TO THE WOODS, A col-33 frames-caption & manual

Here children see the woods with the perspective eye of the naturalist—how creatures relate to one another in an interconnected world; what trees mean to flowers, to animals, to the soil; and other aspects of a woodlot's ecology.
Source: 93

WHERE THERE IS SMOKE 63 frames

A forest ranger emphasizes the danger of forest fires caused by smokers.
Source: 95

WHOSE FORESTS ARE THEY?

A father answers the questions of his two small children in telling them about the great American forests that existed before the coming of the Pilgrims, and how the white man used lumber from the forests in building our Nation. Discusses the waste caused by forest fires, and explains the need for forest conservation.
Source: 158

WHY ARE TREES IMPORTANT

"Flashback" shows how our country must have looked when the first settlers arrived, and why they did not save trees for succeeding generations. Gives suggestions for tree conservation.
Source: 158

WHY DO TREES GROW col-47 frames-captions

A fascinating explanation, by color photos and diagrams of the way a tree grows. Children will see here how sunlight and water and the nutrients of the soil are transformed into living tissue.
Source: 93

WOODS OF HOME, THE col-82 frames

Deals with the areas of truly virgin timber. Released 1955.
Source: 127-161

WOODY col-48 frames

A story told in cartoons of the untold losses suffered by mankind from fire in our forest lands. General theme—"Keep America Green."
Source: 127

CONSERVATION, RANGE, WILDLIFE
AND WATER MANAGEMENT

Along the horizon 21
 Along the Interstate 21
 Antlers of life 21
 Back eyes of grass 21
 Beauty of the forest 21
 Challenge of forestry in new Park state, the 21
 Changing forest, the 21
 Chaperon 21
 Community forests, a broad sheet (illustrated) 21
 Conservation today abundant resources (illustrated) 21
 Fugate's Yucca 21
 Gaudy in a landscape 21
 Gaudy and the forest today 21
 Gorgeous forest, the 21
 How the wild things 21
 Illustrated from the 21
 Riverbank's empire 21
 Extra forest matters 21
 Forestry the farm woods, the (illustrated) 21
 Flying things 21
 Forest and water 21
 Forest and the 21
 Forest resources, the 21
 Forest products, the 21
 Forest and water (illustrated) 21
 Green and white 21
 Green and 21
 Green forest 21
 Healthy forest 21
 Land of the sky 21
 Let's explore a woodland (illustrated) 21
 Let's learn on the forest (illustrated) 21
 Life in the deciduous forest 21
 Life in the forest 21
 Life in the woodlot 21
 Mankind of the land 21
 Mother nature - Pacific Northwest 21
 Making the most of your woods (illustrated) 21
 Mounds of the forest 21
 Mountain water 21
 The supernatural resource 21
 New Alaska 21
 New Barkley's forest for you 21
 New to you on the forest 21
 New what forest, the 21
 Pictures of the wild 21
 Pictures - range and forest 21
 The forest, the (illustrated) 21
 Range watershed systems 21
 Range of the wild 21
 The 21
 The 21
 There is the sky 21
 There are forests 21

**SUBJECT LISTING
OF
FORESTRY FILMS AND FILMSTRIPS**

WANT TO THE WOODS, A 1947-48
 This chapter will help you with the preparation for the examination in the subject of "The Woods". It will give you an idea of the material that will be covered in the examination.

WHERE THERE IS SMOKE 1947-48
 This chapter discusses the effects of forest fires caused by lightning.

WHICH FORESTS ARE THEY?
 This chapter discusses the location of the two main types of forest in Texas, the pine forest and the oak forest. It also discusses the location of the two main types of forest in the United States, the pine forest and the oak forest.

WHY ARE TREES IMPORTANT?
 This chapter discusses the importance of trees in the life of the human race. It discusses the use of trees for lumber, for fuel, and for many other purposes.

WHY DO TREES GROW?
 This chapter discusses the reasons why trees grow. It discusses the need for water, for sunlight, and for soil.

WORDS OF HOME: THE
 This chapter discusses the words of home, the words that are used in the home.

WOODS
 This chapter discusses the woods, the woods that are found in the United States.

SUBJECT LISTING
OF
FORESTRY FILMS AND FILMSTRIPS

**CONSERVATION, RANGE, WILDLIFE
AND WATER MANAGEMENT**

Above the horizon	17
Above the timberline	17
Arteries of life	18
Blessings of grass	19
Bounty of the forest	20
Challenge of forestry in New York state, the	21
Changing forest, the	21
Chaparral	21
Community forests, a local asset (filmstrip)	65
Conservation today abundance tomorrow (filmstrip)	65
Conservation vistas	22
Conserving a heritage	22
Conserving our forests today	22
Deciduous forest, the	24
Deer live with danger	24
Enchanted river, the	25
Everyman's empire	25
Extra forest dollars	25
Farm and the farm woods, the (filmstrip)	65
Flaming Gorge	27
Forest and conservation, a	27
Forest and its importance, the (filmstrip)	65
Forest conservation	27
Forest conservation today (filmstrip)	65
Forest produces, the	28
Forest soil and water (filmstrip)	66
Forests and conservation	29
Formation of raindrops	29
Going to school on a trout stream	31
Grass and cattle	31
Green gold	31
Green harvest	31
Humble servant	33
Land of the sky	35
Let's explore a woodland (filmstrip)	67
Let's focus on the forest (filmstrip)	67
Life in the deciduous forest	36
Life in the forest	36
Life in the woodlot	36
Lifeblood of the land	36
Lumber states—Pacific Northwest	37
Making the most of your woodlot (filmstrip)	67
Miracle of the Missouri	39
Mountain water	40
My conservation reserves acres	40
New Alaska	40
New England's trees for you	40
New forests on idle lands	41
New Paul Bunyan, the	41
Patterns of the wild	43
Pollution—cause and control	45
Rain forest, the (filmstrip)	68
Range allotment analysis	46
Realm of the wild	46
Red 14	46
River must live, the	47
Rivers in the sky	47
Rogue river country	47

Science conserves the forest	48
Seeds of destruction	48
Seeds, seedlings and trees	49
Story of forests, the (filmstrip)	69
Story of the forest	50
Strand breaks	51
Strands grow, the	51
Strength of the hills	51
Swedish industries	51
Temperate deciduous forests	52
Tent flaps and flapjacks	52
This is your forest	52
Timber and totem poles	53
Timber front	53
Timber growing today	53
Timber harvest	53
Tree planting for conservation (filmstrip)	69
Water for the west	57
Waters of Coweeta	58
Watershed	58
Watershed	58
Watershed conservation	58
Watershed wildfire	58
Watersheds and you	58
Water pattern of life	58
Wilderness trail, the	59
Wildlands of California, the	59
Wildlife and the human touch	59
Wildlife and timber	59
Wildlife in the jungles of Latin America	59
Woods of home, the (filmstrip)	70
Your friend the forest (keep it or destroy it)	62

FOREST FIRES

Air tanker attack	17
Bad day at Pleasant Valley	18
Black harvest	19
Building the fire line	20
Burning issue, the	20
Campaign fire	20
Care and maintenance of fire hose	20
Careless crime, the	20
Common errors in fighting forest fires	22
Crew boss	23
Crimes of carelessness	23
Crown fire	23
Danger — flammable	23
Days of a tree	23
Design for disaster	24
Enemy is fire, the	25
Fire behavior, basic (filmstrip)	65
Fire call	26
Fire call Jeremiah	26
Fire control simulator	26
Fire hose	26
Fire in the forest	26
Fire on the land	26
Fire plow performance and use	26
Fire weather	26
Fire weather	26

Fire weather	26
Fire weather observations	26
Forest fire	27
Forest fires and you	27
Forest lookout, the	27
Forest ranger	28
Forest smokechaser	28
Frying pan and the fire, the	30
Grass and brush fire fighting	31
Greenbelt, USA	31
Helicopters in fire control	32
Hold that fire	32
Hold that line — with dirt	32
I'm no fool with fire	33
Introduction to fire behavior	34
Little flame, a	36
Little Smokey	36
Management of men in the forest fire fighting	38
Men, women and children	39
Mop-up of forest and brush fires (filmstrip)	67
Most dangerous game, the	39
Once upon a time	41
One lick method of fighting forest fires	41
One match can do it	41
Only a bunch of tools	41
Pine ways to profit	44
Prescribed burning in the south	45
Prevent forest fires	45
Protecting forests from wildfires (filmstrip)	68
Protecting the forest (filmstrip)	68
Smoke in the hollow	49
Smoke jumpers	49
Smokey and his friends	49
Smokey and his little boy	49
Smokey the bear	49
Snuffy — Smokey Bear's pal	49
Stop forest fires!	50
Spark arrester	50
Story in the smoke	50
Susan and the forest fire (filmstrip)	69
Talent for disaster	52
Then it happened	52
There comes a tomorrow	52
Tree planter fire plow	55
Use of fire in slash disposal	57
Use your ash tray	57
Vision in the forest	57
Voice of the forest	57
Volunteer fireman, the	57
Water on the fire	58
Watershed fires	58
Watershed wildfire	58
Where there is smoke (filmstrip)	70
Woman's angle, the	60
Woodland manners	61
Woody (filmstrip)	70
Your way out	62

GENERAL FORESTRY

Alaska, land to grow on	17
Alpine summer camp	18

Bulldozed America	20
Career opportunities (filmstrip)	65
Clearing the way	21
College of the outdoors	21
Comparative fire test on timber and steel beams	22
Comparative fire test on wood and steel joists	22
Days off in the forest preserve	23
Environment for learning	25
Farm boys forestry camp	25
Flatboatmen of the frontier	27
Florida's forest ranger school	27
Forest in a museum	27
Forestry	28
Forestry and Forest Industries	28
Forestry college	28
Forestry sumer camp	29
Forestry (way we live series)	29
Free horizons—the story of our National parks and forests	29
Georgia on the move	30
Golden axe	31
Guardians of the forest	31
Happy Holidays—camping in the Smokies	32
Heritage restored	32
Honest woodsman	32
How lumber is measured	32
How trees help us	33
Importance to our economy (filmstrip)	67
In partnership with nature	33
Introduction to forest adventuring	34
It's a tree country	34
Journey into the forest, a	34
Journey to the end of the year—Part 1	34
Journey to the end of the year—Part 2	34
Lasting gift, the	35
Life in a National forest	35
Men of the timberland	39
Mighty western forest, the	39
Modern methods for extensive land clearing and site preparation	39
National grasslands	40
Nature's classroom	40
New forest, the	40
Northeast lakeland	41
Northwest waters	41
Parks and people	43
Potlatch country	45
Paul Bunyan and the blue ox	43
Paul Bunyan: lumber camp tales	43
President plants a tree, the	45
Re-creating spirit, the	46
Rocky Mountain area: backbone of the nation	47
This above all	52
This is your forest	52
Ti-Jean goes lumbering	53
Timber tale	53
Time to begin	53
Viewpoint	57
Visit to the woods, a (filmstrip)	70
Whose forests are they? (filmstrip)	70
Why are trees important? (filmstrip)	70
Why do trees grow? (filmstrip)	70
Windbreaks on the prairies	60
Winter olympics	60

Winter wonderland	60
Woodworker, the	61
Your career in forestry	61
Your Texas Forest Service	62

INSECTS AND DISEASE

American elm for beauty or beetles	18
Battle of the beetles	19
Block that termite	19
Condition red	22
Controlling the spruce budworm	23
Fungus plants	30
Gypsy moth	31
Insect catchers of the bog jungle	33
Japanese beetle, the	34
Oak wilt	41
Operation spray safe	42
Operation whip	42
Pamela's tree	42
Silent killer	49
Southern pine beetle epidemic	50

LOGGING AND SAWMILLING

American sawmill, an	18
"The Big Skidder"	19
Big wheels, the	19
Bounty of the forest	20
Cant gang story, the	20
Chain saw know-how	20
Chain saw safety pays off	20
Chain saws pay off on the farm	21
Chain saws turn trees into money	21
Challenging Cary-lift	21
Conner country	22
Corley cost cutting trio, the	23
Cutting the timber	23
Daylight in the swamp	23
Debarking	24
Easier ways of logging	24
Economize with attachments	24
Falling and bucking timber	25
"Fingers of Steel"	26
First in the forest	27
Forest patterns—beauty and use	28
Great deal more, a	31
Harvesting of timber, the	32
Harvesting the coastal forest (filmstrip)	66
Hauling logs	32
Hitching the logging team	32
Horse sense	32
Lifeline	36
Living blueprint, the	36
Log drive	37
Logging systems and machine concepts	37
Logging tools	37
Long road to travel	37
Lorain MC-775, 75-ton moto-crane	37
Lumber (filmstrip)	67
Lumbering	37

Lumbering Era in Michigan History (1860-1900) (filmstrip)	67
Lumberman, the	37
Lumberyard	37
"Lusty log lifter"	37
Manquane river lumberjacks	38
Marketing pulpwood	38
Modern skidding	39
Moto-Tower story, the	39
Motor grader operation	39
"Mountain Road to Market" Logging transport in B. C. Canada	40
Murco chipper	40
New approach, a	40
1959 trail of pilot rock pine	41
On time for tomorrow	41
Oregon industry: logging douglas fir	42
Passing of the punkin pine	43
Perpetual forest, the	44
Pictorial parade—the big mill	44
Profitable logging with the trakloader	45
Pulp harvesting system	46
Pulpwood logging	46
Redwood saga	47
Report on the giant	47
River run	47
Rock'n'roll combo	47
S-7 Paylogger	47
Safe use of a chain saw	48
Saw timber	48
Saw timber	48
Semi-portable debarking and chipping	49
Skid—to greater profits	49
Small sawmill, the	49
Soderhamn cambio barker	50
Southern hardwoods—yours forever	50
Story of west coast lumber (filmstrip)	50
Swedish industries	51
Systems analysis in sawmills	51
Take it away	51
Terrain transport	52
Thirty years of logging	52
This is lumber	52
Timber growers dream	53
Timber harvest	53
Timber is a crop	53
To top them all	54
Tree farm, the	54
Trees and homes	55
Trees that reach the sky	56
Western logging (then and now)	58
Where the tree dwells	59
Winter hauling of pulpwood in the northeast	59
Yarding logs	60
Yarding logs	61

MANAGEMENT-SILVICULTURE

ABC of forestry	17
Birth of a southern pine	19
Bonus acres	19
Boreal forest, the	19
Colour of life, the	22
Conservation and our forests	22

Conservation of natural resources	22
Control of low grade hardwoods	23
Deep roots	24
Developing pedigree trees	24
Direct seeding the southern pines	24
Eastern white pine	24
Endless forest, the	25
Family forest, the	25
Farm and the farm woods, the (filmstrip)	65
Farm forestry in the south (filmstrip)	65
Farm forests pay off	25
Farming the woodlands	25
Forest, the	27
Forest as a community (filmstrip)	65
Forest as a community (filmstrip)	65
Forest forever	27
Forest grows, the	27
Forest management in action	28
Forest ranger	28
Forest resources (filmstrip)	66
Forest road maintenance	28
Forest service engineer	28
Forests and recreation	29
Forests forever	29
Forever living forests, the	29
From these forests	30
Georgia's hardwood	30
Greatest good, the	31
Guardians of the wild	31
How trees live	33
Incredible forest, the	33
Integrated forest management	33
Islands of green	34
Land changes, the	35
Let's visit a tree farm	35
Life in hot rain forests	35
Life zones of the central rockies	36
Living forest, the	36
Living forest, the	36
Lonnie's new crop	37
Look toward tomorrow	37
Managing forests through cutting practices (filmstrip)	67
Managing the forest (filmstrip)	67
Measuring and marketing (filmstrip)	67
Missouri can produce quality pine	39
Oklahoma forestry	41
Out of the woods	42
Pacific plantations	42
Pines from seedlings	44
Planning forest enterprise (filmstrip)	68
Protecting forests from undesirable species (filmstrip)	68
Rainbow Valley	46
Regenerating a stand of forest trees (filmstrip)	68
Reproducing the forest (filmstrip)	68
Seeds, seedlings and trees	49
Sound of America	50
Spruce bog/an essay in ecology	50
Story of the forest	50
Strands grow, the	51
Succession — from sand dune to forest	51
Timber resources review	53
Tomorrow's trees	54

Tree bank	54
Tree farming	54
Tree improvement and genetics	55
Tree is born, a	55
Tree of life	55
Tree planting	55
Tree planting	69
Tree planting and land use (filmstrip)	69
Tree planting for conservation (filmstrip)	55
Tree shaker	55
Trees	55
Trees	55
Trees and their care	55
Trees and their importance	56
Trees are a crop	56
Tree's best friend, a	56
Trees grow through the years	57
Use of forests	59
Whatever a man soweth	59
When a fellow needs a forester	59
Widening circle, the	59
Wildlife and timber	60
Wonderful world of wood	61
Wooden dollars	61
Woods and a way, the	61
Working forest, the	61

MAPPING & PHOTOGRAMMETRY

Aerial photo interpretation for the discovery and evaluation of forest resources	17
Aerial photo interpretation for the discovery and evaluation of geologic resources	17
Aerial photo interpretation for the discovery and evaluation of soil resources	17
Aerial photo interpretation for the discovery and evaluation of water resources	17
Leveling for topographic mapping	35
Transit traverse for the topographic mapping	54

SAFETY

Avalanche control	18
Care and maintenance of fire hose	20
Chain saw know-how	20
Chain saw safety	20
Chain saw safety pays off	21
Chain saws pay off on the farm	21
Coaching on the job	23
Crew boss	23
Crimes of carelessness	23
Cutting crew, the	24
Do it with E's	32
Hauling logs	32
Hitching the logging team	32
Horse sense	34
It's not the axe, it's Joe	35
Lateiner method of accident control, the	36
Little things add up	39
Mechanized trail equipment	45
Potential unlimited	45

Safe use of a chain saw	48
Safety film on rubber tired skidders	48
Safety for sure	48
Safety pants	48
Swift and the silent	51
Volunteer fireman, the	57
Yarding logs	61

SEASONING AND PRESERVATION

Longer life for wood	37
Mechanism of moisture movement in wood	38
Treat wood right	54
Treating wood	54
Wonder wood, the	60
Wood decay by fungi	60
Wood preservatives	61

TREES

Around a gum tree	18
Care and preservation of trees	20
Conifer trees of the Pacific (Northwest)	22
Eastern white pine	24
Farm forestry in the south (filmstrip)	65
Gift of green, the	30
Gymnosperms	31
How to identify common trees (filmstrip)	66
How pine trees reproduce — Pine cone biology	33
Identifying common trees (filmstrip)	66
Identifying common trees (filmstrip)	66
Mahogany — Wood of the ages	38
Miracle of the trees	39
Native trees for Canada (filmstrip)	68
New horizons for wood	41
Our magic land	42
Photosynthesis	44
Plant motions — roots, stems, leaves	44
Plant survival	44
Plant traps — insect catchers of the bog jungle	44
Plants get ready for winter	68
Poison ivy picnic	45
Redwood saga	47
Redwood trees	47
Seasonal changes in trees	48
Seed dispersal	48
Southern hardwoods — yours forever	50
Spruce bog/an essay in ecology	50
Sunken forest, the	51
Tale of the redwoods	52
Telling trees apart (filmstrip)	69
Time-lapse studies of growing trees	53
Tree, the	54
Tree portraits	55
Trees (filmstrip)	69
Trees: How we identify them	56
Trees: Our plant giants	56
Twigs and buds of deciduous trees (filmstrip)	69
What is a tree	58
Which he hath planted	59

UTILIZATION: LUMBER, PAPER, PLYWOOD

All nailed truss of 60-ft. span	18
All points of the compass	18
An order for excellence	18
At home with wood	18
Auto nailed furniture skids	19
Big city paper	19
Blueprint for better schools	20
Buildings for tomorrow	21
Color mill, the	22
Colour of life, the	65
Dateline Tennessee (filmstrip)	28
Forest-pulp logger	28
Forest treasures	29
Forests at work	29
Formex fabrics — a progress report	66
From forest and farm (filmstrip)	30
From tree to newspaper	30
From trees to lumber	30
From trees to paper	30
From wood fibers to paper	30
Gift of TS'AI LUN-paper, the	31
Great white trackway	32
House of a lifetime	33
In black and white	67
Inside story of a good home, the (filmstrip)	35
"Keep 'em rolling"	35
Knowing woods and their uses	67
Lumber (filmstrip)	37
Lumber for houses	38
Magic of lumber	38
Marketing	38
Material handling in the western millyards	42
Paper	42
Paper and I	42
Paper and pulp making	42
Paper forest, the	42
Paper in the making	43
Paper made for you, the	43
Paper making	43
Paper making in China	43
Paper's magic carpet	43
Patterns of time — the hardwood story	44
Piece of wood, a	44
Plans: approved	45
Plywood fleet, the	45
Power of paper, the	46
Promise of the trees	46
Pulp and paper from Canada	47
Roseburg story, the	48
Science and wood utilization	49
Siding sense	68
Story of fine hardwoods, the (filmstrip)	50
Story of plywood	69
Story of west coast lumber (filmstrip)	69
Story of Wisconsin paper, the (filmstrip)	52
Tennessee venture	53
Time of change	69
Timber — from forest to house (filmstrip)	54
Treasures of the forest	54
Treasures of the forest	54
Treasures of the forest	54
Trees that reach the sky	56

Trees to lumber	56
Trees to paper	56
Trees to "Tribune"	56
Turning forests into lumber	57
Widening horizons	59
Wonder wood, the	60
Wood, masterpiece of creation	60
Wood pulp chlorination film	61
Wood that could, the	61

UTILIZATION: OTHER FOREST PRODUCTS

At home with wood	18
Baseball bat	19
Bird building materials	19
Changing maple country	21
Christmas tree industry (filmstrip)	65
Cooper's craft	23
Designed for living	24
50,000 windows	25
Forests to furniture	29
From tree to sugar (Maple syrup in Vermont)	30
Hardboard—Advantages and uses in homes (filmstrip)	66
Hardboard for 1,001 uses (filmstrip)	66
Harvest from the forest	32
How rayon is made	33
International maple	33
Making a striated plywood lamp	38
Miracle in wood, the	39
Patient men, the	43
Production of maple syrup, the (filmstrip)	68
Put it on poles	46
Second pay day, the	48
Second gift, the	48
Springtime's harvest	50
Story of wood in the northeast, the	51
Suwanee pine	51
Sweet sap (filmstrip)	69
This above all	52
Tree grows for Christmas, a	54
Trees to tame the wind	56
Waste wood to charcoal	57
Wealth of the west	58
Working the sugarbush	61
Your humble servant	62