Selected Bibliography on Southern Range Management, 1968-1972

H. A. Pearson
C. E. Lewis
G. E. Probasco
G. L. Walters

Southern Forest Experiment Station
Forest Service
U. S. Department of Agriculture
1973
## Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTRODUCTION</td>
<td>1</td>
</tr>
<tr>
<td>RANGE PLANTS</td>
<td>3</td>
</tr>
<tr>
<td>General</td>
<td>3</td>
</tr>
<tr>
<td>Systematic botany</td>
<td>4</td>
</tr>
<tr>
<td>Forage value</td>
<td>5</td>
</tr>
<tr>
<td>Chemical analysis</td>
<td>6</td>
</tr>
<tr>
<td>Digestibility</td>
<td>7</td>
</tr>
<tr>
<td>Problem plants</td>
<td>8</td>
</tr>
<tr>
<td>Ecology</td>
<td>9</td>
</tr>
<tr>
<td>Physiography and soils</td>
<td>10</td>
</tr>
<tr>
<td>Physiology and morphology</td>
<td>12</td>
</tr>
<tr>
<td>Genetics, pathology, and entomology</td>
<td>14</td>
</tr>
<tr>
<td>RANGE MANAGEMENT</td>
<td>15</td>
</tr>
<tr>
<td>General</td>
<td>15</td>
</tr>
<tr>
<td>Range forage production, utilization, and maintenance</td>
<td>16</td>
</tr>
<tr>
<td>Improvement of forage resources</td>
<td>16</td>
</tr>
<tr>
<td>Fertilization</td>
<td>17</td>
</tr>
<tr>
<td>Revegetation</td>
<td>18</td>
</tr>
<tr>
<td>Supplemental pastures</td>
<td>19</td>
</tr>
<tr>
<td>Plant control</td>
<td>22</td>
</tr>
<tr>
<td>Range developments</td>
<td>23</td>
</tr>
<tr>
<td>RANGE LIVESTOCK</td>
<td>24</td>
</tr>
<tr>
<td>General</td>
<td>24</td>
</tr>
<tr>
<td>Breeds and breeding</td>
<td>25</td>
</tr>
<tr>
<td>Feeds and feeding</td>
<td>27</td>
</tr>
<tr>
<td>Livestock diseases and pests</td>
<td>28</td>
</tr>
<tr>
<td>RANGE INFLUENCES</td>
<td>30</td>
</tr>
<tr>
<td>General</td>
<td>30</td>
</tr>
<tr>
<td>Forest growth and reproduction</td>
<td>30</td>
</tr>
<tr>
<td>Fire</td>
<td>30</td>
</tr>
<tr>
<td>RANGE RESOURCES AND ECONOMICS</td>
<td>33</td>
</tr>
<tr>
<td>General</td>
<td>33</td>
</tr>
<tr>
<td>RANGE RESEARCH</td>
<td>35</td>
</tr>
<tr>
<td>General</td>
<td>35</td>
</tr>
<tr>
<td>RANGE EDUCATION</td>
<td>37</td>
</tr>
<tr>
<td>General</td>
<td>37</td>
</tr>
<tr>
<td>WILDLIFE MANAGEMENT</td>
<td>38</td>
</tr>
<tr>
<td>General</td>
<td>38</td>
</tr>
<tr>
<td>Food habits</td>
<td>38</td>
</tr>
<tr>
<td>Animal dynamics</td>
<td>39</td>
</tr>
<tr>
<td>Habitat</td>
<td>41</td>
</tr>
<tr>
<td>Interactions</td>
<td>43</td>
</tr>
<tr>
<td>INDEX OF AUTHORS</td>
<td>45</td>
</tr>
</tbody>
</table>


About 950 entries, classified by subject matter, and with index of authors.

**Additional keywords:** Livestock, forage plants, wildlife, range ecology, forest grazing.
This bibliography is the third of a series inaugurated in 1963 for the purpose of recording publications that deal importantly with the forest ranges of the South, and with the livestock and wildlife utilizing this vast resource.

For the first number of the series, the compilers appraised all literature that had accrued through 1961. The second bibliography spanned the years 1962-1967. The present list brings up to date the coverage of publications which—with allowance for errors of judgment and inadvertence—should prove most useful to the diverse interests of land managers, stockmen, conservationists, scientists, teachers, and students.

As before, the southern range area is considered to extend from eastern Oklahoma to Virginia, and from southern Kentucky and Missouri to the Gulf of Mexico. Because pasture commonly augments the diets of cattle that subsist chiefly on range forage, pertinent publications on supplemental pastures are included.

The list contains over 950 entries, as compared to 650 for the previous compilation. We think that the increase is chiefly due to expansion both of research and of general interest. Much of the gain is in wildlife publications, which have become so numerous as to require subdivision of that category.

Except for amplification of the wildlife section and minor changes in other sections, the classification is the same as that used heretofore. Publications relating to more than one subject are under the topic of principal concern. Cross-references are suggested at the beginning of some sections.

Sources consulted included books, periodicals, publications of the U.S. Government, and of State agricultural experiment stations, releases of regional organizations and private foundations, and bibliographies with abstracts. Periodicals searched included:

- Agronomy Journal
- American Forests
- American Journal of Botany
- American Midland Naturalist
- Botanical Gazette
- Botanical Review
- Crop Science
- Ecology
- Ecological Monographs
- Economic Botany
- Forest Farmer
- Forest Science
- Gulf Coast Cattlemen
- Journal of Animal Science
- Journal of Forestry
- Journal of Range Management
- Journal of Soil and Water Conservation
- Journal of Wildlife Management
- Soil Science
- The Cattelman

Several members of the Society for Range Management reviewed an initial draft of the bibliography and supplied additional pertinent references:

- E.R. Beaty, Agronomy Department, University of Georgia, Athens, Ga.
- N.A. Byrd, Southeastern Area State and Private Forestry, USDA Forest Service, Atlanta, Ga.
- H.E. Grelen, Southern Forest Experiment Station, USDA Forest Service, Pineville, La.
- A.W. Johnson, Region 8-Southern Region, USDA Forest Service, Atlanta, Ga.
- N.E. Linnartz, School of Forestry and Wildlife Management, Louisiana State University, Baton Rouge, La.
H.D. Moberly, Department of Economics, Auburn University, Montgomery, Ala.


J.D. Powell, Georgia Agricultural Experiment Station, Americus, Ga.

D.W. Sanders, USDA Soil Conservation Service, Jackson, Miss.

W.G. Vogel, Northeastern Forest Experiment Station, USDA Forest Service, Berea, Ky.

L.D. White, School of Forest Resources and Conservation, University of Florida, Gainesville, Fla.

Range Plants

GENERAL

Genes of southern range vegetation.


Sternitzke, H.S., and Nelson, T.C.
Range Plants


USDA Forest Service


Van Tine, E.


Voigt, P.W.


Ware, S.A.


Watts, W.A.


Yarlett, L.L., and Roush, R.D.


SYSTEMATIC BOTANY

Systematic botany (including dendrology), keys and identification aids, botanical expeditions, plant introduction, and accounts of large herbaria.

Brown, C.A.


Coleman, J.R.


Coleman, J.R.


Correll, D.S., and Johnston, M.C.


Crawford, H.S., Kucera, C.L., and Ehrenreich, J.H.


Elias, T.S.


Gibbs, L.C. (Coordinator)


Gillis, W.T.


Gould, F.W.


Gould, F.W.


Hardin, J.W.


Horton, J.H.


Justice, W.S., and Bell, C.R.


Krochmal, A., Walters, R.S., and Doughty, R.M.


Leithead, H.L., Yarlett, L.L., and Shiflet, T.N.


Maisenholder, L.C.

1969. Identifying juvenile seedlings in
southern hardwood forests. USDA For. Serv. Res. Pap. 50-47. 77 pp.

Miller, H.A., and Halls, L.K.

Miller, N.G.

Radford, A.E., Ahles, H.E., and Bell, C.R.

Reed, C.F., and Hughes, R.O.

Robertson, K.R.

Weniger, D.

Wharton, M.E., and Barbour, R.W.

Wilbur, R.L.

Wilbur, R.L.


Chemical Analysis

Chemistry of nonpoisonous range plants, with particular reference to effect on nutritive value.


Gentry, C.E., Chapman, R.A., Henson, L., and Buckner, R.C.  


Obioha, F.C., Clanton, D.C., Rittenhouse, L.R., and Streeter, C.L.  

Reid, R.L., Post, A.J., and Jung, G.A.  

Reynolds, J.H., Lewis, C.R., and Laaker, K.F.  

Smith, A.E.  

Tergas, L.E., and Blue, W.G.  

Van Dyne, G.M.  

Wilkinson, R.E.  

Wilkinson, R.E., and Hardcastle, W.S.  

Wilkinson, R.E., Hardcastle, W.S., and Worthington, R.E.  

Wilkinson, R.E., Hardcastle, W.S., and Worthington, R.E.  

Wooten, R.E.  

Wooten, R.E., Lowrey, R.S., and Monson, W.G., and others.  

Neathery, M.W.  

Neathery, M.W.  
Nelson, B.D., Ellzey, H.D., Montgomery, C., and Morgan, E.B.  

Pearson, H.A.  


Reynolds, J.H., Barth, K.M., and Fryer, M.E.  

Short, H.L.  

Short, H.L., and Reagor, J.C.  

Whelan, J.B., Harlow, R.F., and Crawford, H.S.  

White, T.W., Reynolds, W.L., and Hembry, F.G.  

Wilkinson, S.R., Adams, W.E., and Jackson, W.A.  


Wilson, A.D., Weir, W.C., and Torell, D.T.  

Wing, J.M.  

**PROBLEM PLANTS**

Poisonous or otherwise noxious range plants, including parasites exclusive of control of such plants.

See also Plant Control.

Berg, W.A., and Vogel, W.G.  


Gray, E., Rice, J.S., Wattenbarger, D., and others.  

Haas, E.  

Hyppio, P.A.  

Maclean, G.J., and Davidson, J.H.  

Mann, W.F., Jr., Grelen, H.E., and Williamson, B.C.  

Mann, W.F., Jr., Williamson, B.C., and McGilvray, J.M.  

Musselman, L.J.  

Robbins, J.D., Sweeney, J.G., Wilkinson, S.R., and Burdick, D.  
ECOLOGY

Range ecology, habitat classification systems, plant communities, shoot and root responses, and ecological methods of study.


Watts, W.A.

Murdy, W.H., Johnson, T.M., and Wright, V.K.

Pallm, J.E., Jr., Neves, J.D., and Beatty, E.R.

Palmisano, A.W., Jr., and Newsom, J.D.

Patten, B.C., editor.

Ripley, T.H., and Yandle, D.O.

Roderson, T.L.

Settergren, C.D.

Shontz, J.P., and Oosting, H.J.

Turner, B.H., and Quarterman, E.

Van Dyne, G.M. (Editor)

Watts, W.A.

Physiography and Soils

Geologic features, soils (including litter), soil moisture, sites, and soil management as they affect range plants and plant groups. Soil surveys.

Adams, F., and Pearson, R.W.

Bailey, H.H., and Avers, P.E.

Barnhisel, R.I., Bailey, H.H., and Matondang, S.

Barnhisel, R.I., and Massey, H.F.

Beatty, E.R., and Tan, K.H.

Bonner, F.T., and Ralston, C.W.

Coleman, D.C.

Craig, R.M., McCracken, R.J., and Daniels, R.B.

Daniels, R.B., Gamble, E.E., and Cady, J.G.

DeBell, D.S., and Ralston, C.W.

Fiskell, J.G.A.
Fox, R.L., and Kamprath, E.J.  

Gamble, E.E., Daniels, R.B., and Nettleton, W.D.  

Gammon, N., Jr., and Blue, W.G.  

Gray, R.H., and Woodruff, C.M.  

Hu, Shih-Chang, and Linnartz, N.E.  


Howeler, R.H., and Woodruff, C.M.  

Humphreys, F.R., and Pritchett, W.L.  

Ike, A.F., Jr., and Clutter, J.L.  

Kucera, C.L., and Kirkham, D.R.  
1971. Soil respiration studies in tall grass prairie in Missouri. Ecol. 52:912-915

Long, F.L., Perkins, H.F., Carreker, J.R., and Daniels, J.M.  

McKee, W.H., Jr.  

Matthews, J.F., and Murdy, W.H.  

Nixon, E.S., and Halls, L.K.  

Peevy, F.A.  

Perkins, H.F., Tiwari, S.C., and Tan, K.H.  

Rice, H.B., and Kamprath, E.J.  

Saxton, K.E., and Whitaker, F.D.  

Shelton, J.E., and Coleman, N.T.  


Terman, G.L., and Brown, M.A.  

Thames, J.L., and Evans, D.D.  

Van Lear, D.H.  
Volk, G.M., and Hensel, D.R.

**PHYSIOLOGY AND MORPHOLOGY**

Functions, life processes, nutrition, and physiological requirements of range plants. Anatomy and development.

Amen, R.D.

Baskin, J.M., and Baskin, C.C.

Baskin, J.M., and Baskin, C.C.

Baskin, J.M., and Baskin, C.C.

Baskin, J.M., Shank, S.C., and West, S.H.

Bennett, H.W., and Burson, B.L.

Bennett, H.W., and Marchbanks, W.W.

Bieber, G.L., and Hoveland, C.S.

Bragg, L.H.

Burns, R.E.

Clapp, J.G., Jr., and Chamblee, D.S.

Davis, F.S., Merkle, M.G., and Bovey, R.W.

Farmer, R.E., Jr., and Hall, G.C.

Harshbarger, T.J., and Perkins, C.J.

Hass, R.H., and Dodd, J.D.

Hellmers, H., and Burton, G.W.

Krochmal, A.

Lindauer, L.L., and Quinn, J.A.

Logan, R.H., Hoveland, C.S., and Donnelly, E.D.

Long, R.W.

McIntyre, B.L., and Peters, E.J.

McMillan, C., and Cope, J.M.

Matches, A.G.

May, D.S.
Miller, H.E., Mabry, T.J., Turner, B.L., and Payne, W.W.

Monson, W.G., and Burton, G.W.

Mooney, H.A.

Mooring, M.T., Cooper, A.W., and Seneca, E.D.

Peacock, J.T., and McMillan, C.

Peeper, T.F., and Santelmann, P.W.

Peet, M.M., and Adams, M.S.

Quinn, J.A., Rotsettis, J., and Fairbrothers, D.E.

Rice, E.L.

Rice, E.L., and Pancholy, K.

Segelquist, C.A.

Seneca, E.D.

Seneca, E.D.

Seneca, E.D.

Seneca, E.D., and Cooper, A.W.

Shoop, M.C., and McIlvain, E.H.

Smith, A.E., and Leinweber, C.L.

Smith, B.W.

Smith, C.W., King, C.C., and Buchanan, G.A.

Templeton, W.C., Jr., Menees, J.L., and Taylor, T.H.

Teng, J.I., and Pritchett, W.L.

Watschke, T.L., Schmidt, R.E., Carson, E.W., and Blaser, R.E.

Watson, V.H., and Ward, C.Y.
Wilkinson, R.E.

Willemse, R.W., and Rice, E.L.

Wolf, D.D., and Blaser, R.E.

Wolters, G.L.

**GENETICS, PATHOLOGY, AND ENTOMOLOGY**

Heredity, cytology, and range plant breeding; diseases and insects of range plants, their causes, effects, and treatments.

Begg, J.E., and Burton, G.W.

Braverman, S.W., and Oakes, A.J.

Burton, G.W.

Burton, G.W.

Burton, G.W.

Burton, G.W., Gunnels, J.B., and Lowrey, R.S.

Burton, G.W., and Monson, W.G.

Burton, G.W., Monson, W.G., Johnson, J.C., Jr., and others.

Burton, G.W., and Powell, J.B.

Cope, W.A., and Rawlings, J.O.

Harlan, J.R., DeWet, J.M.J., and Richardson, W.L.

Powell, A.M.
1972. Artificial hybridizations in the subtribe Peritylanae (Compositae-Hele

Rice, E.L.

Schank, S.C., Carmichael, J.W., and Stanley, R.L.

Streetman, L.J.

Ware, S.A., and Quarterman, E.
Range Management

GENERAL

General treatments and considerations of southern ranges, including range surveys, management plans, and livestock distribution.

Anderson, R.C.

Barrett, G.W.

Bryant, H.T., Blaser, R.E., Hammes, R.C., Jr., and Fontenot, J.P.

Burns, J.C., Harvey, R.W., Gross, H.D., and others.

Clawson, M.

Clement, T.

Cope, J.T., Jr., King, C.C., Patterson, T.B., and Bell, S.C.

Feazel, J.I., Carpenter, J.C., Jr., and Harris, H.E.

Feazel, J.I., Harris, H.E., Carpenter, J.C., Jr., and Roark, C.B.

Franklin, J.F., and Trappe, J.M.

Halbrook, W.A., Denton, D.C., Spooner, A.E., and Ray, M.L.

Hayne, D.W.

Heady, H.F.

Hooper, J.F.

Hooper, J.F., Workman, J.P., Grumbles, J.B., and Cook, C.W.

Hughes, R.H.

Hughes, R.H.

King, C.C., Jr., Anthony, W.B., Òell, S.C., and others.

Knox, J.W., and Oakes, J.Y.

Porter, I.R.

Smith, H.B.
RANGE FORAGE PRODUCTION, UTILIZATION, AND MAINTENANCE

Production and use of range forage, including grazing capacity, systems of forage management, range condition, and adaptability of ranges to different kinds of classes of animals.

Barrick, E.R.

Bates, R.P.


Bjugstad, A.J., and Vogel, W.G.

Bryant, H.T., and Blaser, R.E.

Clement, T.
1969. Fish, fowl, and cows share multiple use of Creole country marshland. Soil Conserv. 35:16-17.

Dalrymple, R.L.

Halls, L.K., and Alcaniz, R.

Hart, R.H.

Hoveland, C.S., Carden, E.L., Anthony, W.B., and Cunningham, J.P.

Owensby, C.E., and Anderson, K.L.

Roundtree, B.H., Bjugstad, A.J., and Wheaton, H.N.

Shiflet, T.N., and Heady, H.F.

Shoop, M.C., and McIlvain, E.H.

Spooner, A.E., Jeffery, W.R., and Huneycutt, H.J.

Vogel, W.G., and Bjugstad, A.J.

Wolters, G.L.

Wolters, G.L.

IMPROVEMENT OF FORAGE RESOURCES

General publications on range forage improvement. Effects of plant control on range forage production.

See also Fertilization, Supplemental Pastures, Range Developments, and Fire.

Bjugstad, A.J., and Crawford, H.S.

Broome, S.W.


Fertilization

Effects of fertilization on range productivity.

See also Forage Value, Digestibility, Chemical Analysis, and Physiography and Soils.


Matocha, J.E. 

Mays, D.A., and Terman, G.L. 

Monson, W.G., Burton, G.W., Wilkinson, W.S., and Dumford, S.W. 

Morrison, E.G., and Edwards, N.C. 

Mott, G.O., Kaiser, C.J., Peterson, R.C., and others. 

Reynolds, J.H. 

Scarsbrook, C.E. 

Shirley, R.L., Easley, J.F., McCall, J.T., and others. 

Smithson, L.J., Lindley, C.E., and Callahan, H.H. 

Stephens, R.L., and Jutras, M.W. 


Volk, G.M., and Horn, G.C. 

Watschke, T.L., Schmidt, R.E., and Blaser, R.E. 


Woodhouse, W.W., Jr. 

Woodhouse, W.W., Jr. 

Woodhouse, W.W., Jr. 

Revegetation

Principles, methods, species, and practical applications of both natural revegetation and artificial seeding for improved forage production.

Beaty, E.R., Powell, J.D., and Stanley, R.L. 

Bengtson, G.W., Mays, D.A., and Zarger, T.G. 

Bennett, O.L. 


Supplemental Pastures

Development and grazing of improved pasture as supplemental forage for range livestock. Also includes establishment and use of grazed fire-breaks.


Kretschmer, A.E., Jr. 1968. Stylosanthes humilis--a summer-grow-
Oliver, W.M.

Qualset, C.O., and Stanley, W.W.

Rieck, W.L., Croy, L.I., and Davies, F.F.

Rogers, J.L.

Sackett, S.S., and Wade, D.D.

Saucier, H.S.
1968. Pasture is put to maximum use with full-season grazing. Soil Conserv. 34:18.

Sellar, W.H., and Johnson, J.R.

Simpson, B.J.

Templeton, W.C., Jr., Buck, C.F., and Bradley, N.W.

Williston, H.L., and Conarro, R.M.

Plant Control
Principles and methods of controlling poisonous, injurious, and otherwise undesirable plants including brush.

Altabellis, A.T., and Hough, W.A.

Blair, R.M.

Bovey, R.W.

Brady, H.A.

Brady, H.A.

Brady, H.A.

Brady, H.A.

Brady, H.A., and Peevy, F.A.

Brady, H.A., Peevy, F.A., and Burns, P.Y.

Buchanan, G.A., and Burns, E.R.

Buehring, N., Santelmann, P.W., and Elwell, H.M.

Elwell, H., McMurphy, W.E., and Santelmann, P.W.

Grano, C.X.

Hodgkins, E.J., and Watson, W.J.

Hunter, J.H., and Young, A.L.
Range Management

Lewis, C.E.

Malone, C.R.

Meyer, R.E., Morton, H.L., Merkle, M.G., and others.

Peevy, F.A.

Peevy, F.A.

Peevy, F.A.

Peevy, F.A.

Peevy, F.A.

Peevy, F.A., and Brady, H.A.

Potts, S.F.

Preston, A., Anderson, L., Murphy, B., and others.

Prine, E.L., and Starr, J.W.

Robertson, J.

Smith, J.E., and Cole, A.W.

Stoin, H.R.


RANGE DEVELOPMENTS

Mechanical or artificial developments, including stock-watering places, trails and driveways, fences, corrals, and chutes.

See also Improvement of Forage Resources, and Range Resources and Economics.

Vallentine, J.F.
Range Livestock

GENERAL

Historical, popular, and general account of the range livestock industry and of southern range livestock of all classes; range livestock management and handling, including grazing habits and growth of animals.

See also Range Research.


Range Livestock


Scruggs, C.G. 1972. The best cows are the ones that live the longest. Prog. Farmer 87(7):16.


BREEDS AND BREEDING

Southern range livestock breeds and breeding systems and methods, including artificial insemination and judging.


FEEDS AND FEEDING

Animal nutrition and supplemental feeding on the range, feedlots for winter, and feeding range animals for market.


LIVESTOCK DISEASES AND PESTS

All enemies of range animals, including diseases, poisons, parasites, predatory animals, and mechanically injurious range plants.

See also Poisonous Plants.


Range Influences

GENERAL

General treatment of land uses which have a direct influence on southern livestock ranges, such as watershed management and recreation.


FOREST GROWTH AND REPRODUCTION

Forest growth and reproduction and timber management systems. Coordination of forestry and grazing, including grazing damage to trees and repellents.


FIRE

Forest and range fires; prescribed burning, general effects of fire on vegetation and habitat.


Cooper, R.W.  

Crow, A.B.  

Crow, A.B.  

Cushwa, C.T.  

Cushwa, C.T., Czuhai, E., Cooper, R.W., and Julian, W.H.  

Cushwa, C.T., Hopkins, M., and McGinnes, B.S.  

Cushwa, C.T., Martin, R.E., and Miller, R.L.  

Czuhai, E., and Cushwa, C.T.  

Devet, D.D., and Hopkins, M.L.  

Dieterich, J.H.  

Dieterich, J.H., and Pickford, S.G.  

Dills, G.G.  

Hough, W.A., and Turner, J.C., Jr.  

Jorgensen, J.R., and Wells, C.G.  

Kirk, W.G., and Hodges, E.M.  

Komarek, E.V., Sr.  

Komarek, E.V.  

Lewis, C.E., and Hart, R.H.  

McIlvain, E.H., and Shoop, M.C.  

McLean, A.  

Maple, W.R.  

Martin, R.E., Cushwa, C.T., and Miller, R.L.  

Mobley, H.E., Jackson, R.S., Balmer, W.E., and others.  

Morris, H.D.  

Old, S.M.  

Penfound, W.T.  
Reeves, H.C.

Sackett, S.S.

Sackett, S.S., and Cooper, R.W.

Settergren, C.D.

Trousdel, K.B.

Ursic, S.J.

Ursic, S.J.

USDA

USDA Forest Service.

Wade, D.D.

Ward, D.E., and Lamb, R.C.

Wood, J.R.

Yocom, H.A.
Range Resources and Economics

GENERAL

Range and livestock resources and policies. Organization and administration of southern rangeland, ranches, and livestock, including land utilization, multiple use, cost of production, marketing, and returns. Livestock associations and coordination of range and farm.

Allison, J.R.

Allison, J.R.

Anderson, E.W., and Jernstedt, M.L.

Araji, A.A., and Finley, R.M.

Bailey, F., Jr.

Beaty, E.R., and Brown, R.H.

Bell, S.C., Vaughn, E., and Brown, V.L.

Bjugstad, A.J., Crawford, H.S., and Murphy, D.A.

Bredemeier, L.F.

Bromley, W.C., and Pepper, T.W.

Craft, B.

Cuskaden, C.M.

Davis, K.P.

Davis, K.P.


Dillard, J.G., and Couvillion, W.

Duffy, I.T.

Duran, G., and Kaiser, H.F.

Dutrow, G., and Balmer, W.E.

Evans, H.O.

Ferguson, J.A.
Forest-Range Task Force. 

Gates, D.H. 

Gilliam, H.C., Jr. 

Glascock, H.R., Jr. 

Gray, J.R. 


Hedrick, S.K., and Colyer, D.K. 

Huffman, D.C. 

Huffman, D.C., and Gibson, D.M. 


Jones, D.L., and Murra, G.E. 

Jones, D.L., and Wiegmann, F. 


Koger, M., Blue, W.G., Killinger, G.B., and others. 

Lewis, H.C. 

Lewis, H.C. 

Lowe, J.V. 

McLeskey, H.M. 

Manning, E. 


Nielsen, D. 

Purcell, J.C. 

Rosenkrans, D.B., Jr. 

Sassaman, R.W. 

Siegel, W.C. 

Turman, E.J. 
White, T.W., and Gerlow, A.

Yoho, J.G., Dutrow, G.F., and Moak, J.E.

Range Research

GENERAL
Methods, description, history, and need of range investigations in the South.
See also Ecology for ecological methods of study.

American Society of Animal Science.

Barrett, J.P., and Guthrie, W.A.

Barth, K.M., and Kazzal, N.T.

Bjugstad, A.J., Crawford, H.S., and Neal, D.L.

Blackmon, B.G.

Blaisdell, J.P., Duvall, V.L., Harris, R.W., and others.

Blaisdell, J.P., Duvall, V.L., Harris, R.W., and others.

Brockington, N.R.

Campbell, C.M., Eng, K.S., Jr., Nelson, A.B., and Pope, L.S.

Clark, J.H., Barth, K.M., Hall, O.G., and others.

Clary, W.P.

Coleman, S.W., Barth, K.M., McLaren, J.B., and others.


Crawford, H.S.

Dell, T.R., and Clutter, J.L.

Downing, R.L., and McGinnes, B.S.

Duvall, V.L.
Free, J.C., Hansen, R.M., and Sims, P.L.  

Free, J.C., Sims, P.L., and Hansen, R.M.  

Galt, H.D., Ogden, P.R., Ehrenreich, J.H., and others.  

Hadow, H.H.  

Halls, L.K., and Harlow, R.F.  

Harlow, R.F., and Downing, R.L.  

Harlow, R.F., and Whelan, J.B.  

Herr, J.M., Jr.  

Inglis, J.M.  

Jenkins, J.H., and Marchinton, R.L.  

Klein, R.M., and Deana, T.  

Lowrey, R.S.  

Matches, A.G.  

Mott, G.O.  

Neff, D.J.  

Ohmann, L.F., and Ream, R.R.  


Pond, F.W., and Pearson, H.A.  

Reeves, H.C.  

Smith, H.K.  

Sparks, D.R.  

Thetford, E.S.  

Thetford, F.O., Pieper, R.D., and Nelson, A.B.  

Thrift, F.A., and Absher, C.W.  
1971. Freeze vs. fire branding as methods of beef cattle identification. J. Range Manage. 24:75-78.

Veteto, G., Davis, C.E., Hart, R., and Robinson, R.M.  
Range Education

GENERAL

Opportunities, qualifications, training, organizations, and work of technical range men. Glossaries, lists, and bibliographies.

Arnold, R.K.

Cliff, E.P.

Cook, C.W.

Duvall, V.L., Johnson, A.W., and Yarlett, L.L.

Hooper, J.F., and Grumbles, J.B.

McGuire, J.R.

Marckworth, G.E.

Marckworth, G.E.

Marckworth, G.E.

Marckworth, G.E.

Marckworth, G.E.

Texas A & M University.

Tueller, P.T.

Vogel, W.G.

Wallace, J.D., and Van Dyne, G.M.

Wiant, H.V., Jr., and Oefinger, S.W., Jr.

Williams, O.B.

Young, E.L., Jr.
Wildlife Management

GENERAL

Wildlife on southern ranges.

Allen, D.L.
1972. The future of wildlife resources. J. Soil and Water Conserv. 27:244-249.

Dasmann, W.

Giles, R.H., Jr., editor.

Goodrum, P.D.

Halls, L.K., editor.

Halls, L.K., and Stransky, J.J.

Haygood, J.L.

James, G.A.

Jenkins, J.H.

Lueth, F.X.

Neal, W.A.

Newsom, J.D., editor.

Newsom, J.D.

Radwan, M.A.

Shaw, S.P.

Short, H.L.

Stransky, J.J., and Halls, L.K.

Strode, D.D.

Strode, D.D., and Cloward, W.J.

Thomas J.W., and Marburger, R.G.

Thomas, J.W., and Marburger, R.G.

Ward, F., and Segelquist, C.

FOOD HABITS

Wildlife food selections and nutritional requirements.

Cushwa, C.T., Downing, R.L., Harlow, R.F., and Urbston, D.F.


ANIMAL DYNAMICS

Population changes including disease, parasite, and other environmental effects on wildlife.


Wildlife Management

Behrend, D.F., Mattfeld, G.F., Tierson, W.C., and Wiley, J.E., III.

Christisen, D.M.

Clark, C.

Davis, S.

DeBell, D.S., and Auld, I.D.

Dechert, J.A.

Dennis, J.V.

Downing, R.L., McGinnes, B.S., Petcher, R.L., and Sandt, J.L.

Halls, L.K.

Hardy, J.W., and McConnell, C.A.

Harlow, R.F., and Guthrie, W.A.

Harlow, R.F., and Oliver, W.F., Jr.


Hooper, R.G., III.

Jackson, R.M., White, M., and Knowlton, F.F.

Kellogg, F.E., Doster, G.L., and Williamson, L.L.

Kellogg, F.E., and Prestwood, A.K.

Kellogg, F.E., and Reid, W.M.

Kistner, T.P., and Hayes, F.A.

Lewis, J.B., McGowan, J.D., and Baskett, T.S.

McCaffery, K.R., and Creed, W.A.

Metts, L.

Palermo, R.J., and Doster, G.L.

Randall, C.E.

Robertson, W.V.


Robinson, R.M., and Marburger, R.G.
Robinson, R.M., and Marburger, R.G.

Rosene, W.

Rumsey, F.L.

Sweeney, J.R., Marchinton, R.L., and Sweeney, J.M.

Thompson, R.L.

Upton, D.L.

Urbston, D.F.

Williams, L.E., Jr., and Austin, D.H.

Williams, L.E., Jr., and McGuire, R.D.

HABITAT
Special emphasis on the environment, management, and effects on plants and plant values.

Alexander, T.R., and Dickson, J.H.

Barstow, C.J.

Beck, D.E., and Olson, D.F., Jr.

Blair, R.M.

Blair, R.M.

Carter, V.E., and Dow, E.A.

Chamberlain, E.B., Jr.

Crawford, H.S.

Crawford, H.S.

Crawford, H.S., and Harrison, W.M.
1971. Wildlife food on three Ozark hardwood sites after regeneration cutting. J. Wildl. Manage. 35:533-537.

Cushwa, C.T., and Jones, M.B.

Cushwa, C.T., and Martin, R.E.

Cushwa, C.T., Martin, R.E., and Hopkins, M.L.

Fleming, R.C.

Glasgow, L.L., and Noble, R.E.

Goodrum, P.D., Reid, V.H., and Boyd, C.E.

Halls, L.K.
Halls, L.K., and Alcaniz, R.

Halls, L.K., and Alcaniz, R.

Halls, L.K., and Epps, E.A., Jr.

Halls, L.K., and Oefinger, S.W., Jr.

Halls, L.K., and Oefinger, S.W., Jr.

Halls, L.K., and Oefinger, S.W., Jr.

Halls, L.K., and Oefinger, S.W., Jr.

Halls, L.K., and Oefinger, S.W., Jr.

Halls, L.K., and Oefinger, S.W., Jr.

Halls, L.K., and Stransky, J.J.

Harlow, R.F., and Downing, R.L.

Harshbarger, T.J., and Simpson, R.C.

Hebb, E.A.

Hooper, R.G., and Crawford, H.S.

James, F.C., and Shugart, H.H., Jr.

Jordan, J.S.

Kennamer, J.E., and Arner, D.H.

Knierim, P.G., Carvell, K.L., and Gill, J.D.

Komarek, R.

Larson, J.S.

Lay, D.

McGinnes, B.S.

Mercer, J., Jr.

Murphy, D.A., and Crawford, H.S.

Oefinger, S.W., Jr., and Halls, L.K.

Palmisano, A.W.

Perkins, C.J.


INTERACTIONS

Wildlife interrelationships including competition and coordination between wildlife, timber, and livestock.


Gysel, L.W., Cooley, J.H., and Stearns, F.  

Halls, L.K.  

Halls, L.K., and Oefinger, S.W., Jr.  

Harlow, R.F., and Halls, L.K.  

Jordan, J.S.  

Korschgen, L.J.  

McCullough, J.M.  

Moore, W.H.  

Perkins, C.J.  

Spencer, D.A.  

Stransky, J.J.  

Stransky, J.J.  

Stransky, J.J.  

Stransky, J.J., and Halls, L.K.  

Turk, J.W.  
Index of Authors

Anonymous 27, 43
Absher, C. W. 36
Adams, F. 10
Adams, M. S. 13
Adams, W. E. 6, 8, 17, 19
Adkins, T. R., Jr. 29
Ahles, H. E. 5
Ahlschwede, W. T. 25
Alcaniz, F. 37
Alcaniz, W. 19
Alcaniz, R. F. 19
Ali, M. 9
Alderson, R. C. 15, 36
Allan, S. U. 27
Ammerman, C. B. 27
Anderson, J. M. 27
Anderson, A. L. 16, 30
Anderson, W. L. 17
Anthony, W. B. 5, 6, 7, 15, 16, 21, 27
Araji, A. A. 33
Arner, D. H. 5, 9, 22, 43
Arnold, B. L. 13
Arnold, R. K. 37
Ashcroft, G. L. 6
Augenstein, R. D. 23
Auld, I. D. 10
Austin, D. H. 5, 8, 23
Bailey, F., Jr. 33
Bailey, H. H. 19
Baker, J. H. 10
Baker, W. L. 29
Balk, W. A. 5
Balmer, W. E. 31, 33
Barbour, R. W. 5
Barbier, F. S., Jr. 39
Barker, F. S., Jr. 27
Barnes, R. T. 10
Barnes, G. 29
Barnett, A. P. 19
Barrett, G. W. 15
Barrett, J. P. 35
Barrick, E. R. 16
Barstow, C. J. 41
Barth, K. M. 5, 7, 8, 24, 27, 35
Baskin, C. C. 9, 12
Baskin, J. M. 9, 12
Baskett, T. S. 40
Bateman, B. A. 30
Bates, R. P. 16, 19
Batson, W. S. 19
Baxter, D. 39
Baxter, H. D. 16
Beaty, E. R. 6, 10, 11, 17, 18, 19, 20, 27, 33
Beck, D. E. 41
Begg, J. E. 14
Behrend, D. F. 40
Bell, C. R. 4, 27, 35
Bellows, R. A. 26
Bennett, A. T. 22
Bennett, F. A. 23
Bennett, W. S. 13
Berry, J. R. 33
Berg, W. A. 8, 17
Berridge, W. H. 27
Birdwell, J. P. 35
Blackmon, G. B. 35
Blair, R. M. 5, 6, 22, 41
Blaisdell, J. P. 35
Blaker, S. U. 35
Blanding, B. W. 29
Blaser, R. E. 6, 13, 14, 15, 16, 18
Blount, J. L. 24
Blue, W. G. 5, 7, 11, 20, 27
Bolting, J. A. 7, 27
Bonne, F. T. 6, 10
Boseck, J. K. 20
Bostick, P. E. 3
Bovard, K. P. 26, 28
Bovey, R. W. 12, 22
Box, T. W. 17
Boyd, C. E. 6, 39, 41
Boyd, F. T. 3
Bracher, B. 27
Bradley, N. W. 8, 22, 27, 28
Brady, H. A. 22, 23
Bragg, L. H. 12
Braver, F. W. 14
Bredemeier, B. L. F. 33
Brendler, E. V. 30
Broderick, W. A. 24
Brookington, N. R. 35
Brooks, D. W. 33
Brooks, E. L. 27
Broome, S. W. 16
Brown, A. R. 20
Brown, A. C. 4
Brown, C. J. 24, 25
Brown, J. C. 24, 25
Brown, M. A. 11
Brown, R. H. 6, 20, 31
Brown, W. L. 27, 33
Brown, W. W. 24
Brunett, L. 43
Bryant, H. T. 16, 16
Bryant, V. M. 9
Buchanan, G. A. 13, 19, 22
Buck, C. F. 22
Buckner, J. L. 39
Buckner, R. C. 5, 7
Buehring, N. 22
Burbick, D. 8
Burgess, H. E. 21
Burkhart, L. 6
Burkhart, R. L. 29
Burns, E. C. 29
Burns, E. D. 29
Burns, E. R. 22
Burns, J. C. 15, 16, 20
Burns, P. Y. 22
Burns, R. E. 9, 12
Burruss, P. B. 5
Burson, B. L. 12
Burton, G. W. 6, 7, 12, 13, 14, 18, 20
Bush, L. P. 7
Butler, E. 30
Butts, W. T. 25
Butler, E. 30
Cady, J. G. 10
Callahan, H. H. 18
Campbell, C. M. 35
Campbell, H. C. 27
Campbell, J. R. 27, 28
Campbell, R. S. 9
Capriel, M. 6
Carrie, E. L. 27, 16
Carlson, G. E. 19
Carman, J. M. 14
Carnevali, A. A. 27
Carney, C. B. 9
Carpenter, J. C. 15, 27
Carreker, J. R. 11
Carson, E. W. 13
Carter, R. C. 26
Carter, R. L. 6
Carter, V. E. 41
Carvill, K. L. 42
Cartwright, T. C. 24
Cary, H. C. 33
Chabreck, R. H. 9, 43
Chalupa, W. 27
Chamberlain, E. B., Jr. 41
Chambers, G. D. 39
Chamblee, D. S. 12
Chapman, H. D. 30, 25, 27
Chapman, H. L., Jr. 27
Chapman, R. A. 7
Cheatham, E. L. 9
Chicco, C. F. 27

<table>
<thead>
<tr>
<th>Index of Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dalrymple, A. V. 24</td>
</tr>
<tr>
<td>Dalrymple, R. L. 16, 19, 20</td>
</tr>
<tr>
<td>Daniel, C. P. 9</td>
</tr>
<tr>
<td>Daniels, J. M. 11</td>
</tr>
<tr>
<td>Daniels, L. B. 27</td>
</tr>
<tr>
<td>Daniels, R. B. 10, 11</td>
</tr>
<tr>
<td>Dasmann, W. 38</td>
</tr>
<tr>
<td>Davidson, J. H. 8</td>
</tr>
<tr>
<td>Davies, F. 22</td>
</tr>
<tr>
<td>Davis, C. E. 36</td>
</tr>
<tr>
<td>Davis, D. E. 3</td>
</tr>
<tr>
<td>Davis, D. I. 24</td>
</tr>
<tr>
<td>Davis, E. 39</td>
</tr>
<tr>
<td>Davis, F. S. 12</td>
</tr>
<tr>
<td>Davis, G. K. 17, 24</td>
</tr>
<tr>
<td>Davis, J. R. 39</td>
</tr>
<tr>
<td>Davis, K. P. 33</td>
</tr>
<tr>
<td>Davis, S. 40</td>
</tr>
<tr>
<td>Dawson, R. N. 6, 8, 19</td>
</tr>
<tr>
<td>Deane, T. 36</td>
</tr>
<tr>
<td>DeBell, D. S. 10, 40</td>
</tr>
<tr>
<td>DeBower, K. 34</td>
</tr>
<tr>
<td>DeChert, J. A. 40</td>
</tr>
<tr>
<td>Dell, T. R. 35</td>
</tr>
<tr>
<td>Della-Bianca, L. 30</td>
</tr>
<tr>
<td>Dennis, J. V. 40</td>
</tr>
<tr>
<td>Denton, D. C. 15, 33, 43</td>
</tr>
<tr>
<td>DeRouen, T. M. 24, 25, 26, 28</td>
</tr>
<tr>
<td>DeSelms, H. R. 9</td>
</tr>
<tr>
<td>Devet, D. D. 31</td>
</tr>
<tr>
<td>Devet, J. M. J. 14</td>
</tr>
<tr>
<td>Dickerson, B. P. 9, 30</td>
</tr>
<tr>
<td>Dickson, J. G. 39</td>
</tr>
<tr>
<td>Dickson, J. H. 41</td>
</tr>
<tr>
<td>Didier, D. E. 20</td>
</tr>
<tr>
<td>Dieterich, J. H. 31</td>
</tr>
<tr>
<td>Dillard, J. G. 33</td>
</tr>
<tr>
<td>Dills, G. G. 31</td>
</tr>
<tr>
<td>Dodd, J. D. 6, 12</td>
</tr>
<tr>
<td>Donnelly, E. D. 5, 7, 12, 19, 43</td>
</tr>
<tr>
<td>Dooley, A. E. 19</td>
</tr>
<tr>
<td>Dorsett, D. J. 20</td>
</tr>
<tr>
<td>Doster, G. L. 40</td>
</tr>
<tr>
<td>Doughty, R. M. 3, 4, 9</td>
</tr>
<tr>
<td>Douglass, J. E. 17, 30</td>
</tr>
<tr>
<td>Dow, E. A. 41</td>
</tr>
<tr>
<td>Downing, R. L. 30, 35, 36, 38, 40, 42</td>
</tr>
<tr>
<td>Drew, D. L. 17</td>
</tr>
<tr>
<td>Duble, R. L. 6, 20</td>
</tr>
<tr>
<td>Dudley, R. F. 19</td>
</tr>
<tr>
<td>Duffy, I. T. 33</td>
</tr>
<tr>
<td>Duke, W. B. 39</td>
</tr>
<tr>
<td>Dumford, S. W. 18</td>
</tr>
<tr>
<td>DuMond, D. M. 3</td>
</tr>
<tr>
<td>Dunavin, L. S. 20</td>
</tr>
<tr>
<td>Duncan, W. H. 3</td>
</tr>
<tr>
<td>Duran, G. 33</td>
</tr>
<tr>
<td>DuVall, V. L. 6, 27, 30, 35, 37</td>
</tr>
<tr>
<td>Duthrow, G. 33, 35</td>
</tr>
<tr>
<td>Easley, J. F. 18, 24</td>
</tr>
<tr>
<td>Edward, R. L. 5</td>
</tr>
<tr>
<td>Edwards, J. H. 11, 20</td>
</tr>
<tr>
<td>Edwards, N. C. 6, 7, 18</td>
</tr>
<tr>
<td>Ehrenreich, J. H. 4, 36</td>
</tr>
<tr>
<td>Ellis, A. B. 9</td>
</tr>
<tr>
<td>Ellis, T. S. 4</td>
</tr>
<tr>
<td>Ellzey, H. D. 7, 8, 19, 20</td>
</tr>
<tr>
<td>Elwell, H. 22</td>
</tr>
<tr>
<td>Emerson, H. R. 40</td>
</tr>
<tr>
<td>Eng, K. S., Jr. 35</td>
</tr>
<tr>
<td>Eppps, E. A., Jr. 5, 42</td>
</tr>
<tr>
<td>Erickson, E. 29</td>
</tr>
<tr>
<td>Essig, H. W. 27</td>
</tr>
<tr>
<td>Evans, D. D. 11</td>
</tr>
<tr>
<td>Evans, E. M. 20, 21</td>
</tr>
<tr>
<td>Evans, H. O. 33</td>
</tr>
<tr>
<td>Fairbrothers, D. E. 4, 13</td>
</tr>
<tr>
<td>Farmer, R. E., Jr. 12</td>
</tr>
<tr>
<td>Farrar, J. W. 43</td>
</tr>
<tr>
<td>Farthing, B. R. 26</td>
</tr>
<tr>
<td>Feazel, J. J., Jr. 15, 28</td>
</tr>
<tr>
<td>Ferguson, J. A. 30, 33</td>
</tr>
<tr>
<td>Finley, R. M. 33</td>
</tr>
<tr>
<td>Fiskell, J. G. A. 10</td>
</tr>
<tr>
<td>Fleming, R. C. 41</td>
</tr>
<tr>
<td>Fontenot, J. P. 6, 15, 28, 39</td>
</tr>
<tr>
<td>Foote, L. E. 29</td>
</tr>
<tr>
<td>Forbes, I., Jt. 7</td>
</tr>
<tr>
<td>Forest-Range Task Force 34</td>
</tr>
<tr>
<td>Fowler, J. F. 39</td>
</tr>
<tr>
<td>Fowler, S. H. 24, 25</td>
</tr>
<tr>
<td>Fox, R. L. 11</td>
</tr>
<tr>
<td>Franke, D. E. 28</td>
</tr>
<tr>
<td>Franklin, J. F. 15</td>
</tr>
<tr>
<td>Franks, K. N. 22</td>
</tr>
<tr>
<td>Free, J. C. 36</td>
</tr>
<tr>
<td>Fribourg, H. A. 6, 7, 17</td>
</tr>
<tr>
<td>Fryer, M. E. 8</td>
</tr>
<tr>
<td>Galt, H. D. 36</td>
</tr>
<tr>
<td>Gamble, E. E. 10, 11</td>
</tr>
<tr>
<td>Gamble, M. D. 3</td>
</tr>
<tr>
<td>Gammon, N., Jr. 11</td>
</tr>
<tr>
<td>Gardner, D. T. 39</td>
</tr>
<tr>
<td>Gates, D. H. 34</td>
</tr>
<tr>
<td>Gentry, C. E. 7</td>
</tr>
<tr>
<td>Gerlow, A. 35</td>
</tr>
<tr>
<td>Gibbs, L. C. 4</td>
</tr>
<tr>
<td>Gibson, D. M. 34</td>
</tr>
<tr>
<td>Giddens, J. 6</td>
</tr>
<tr>
<td>Giles, R. H., Jr. 38</td>
</tr>
<tr>
<td>Gill, J. D. 42</td>
</tr>
<tr>
<td>Gill, W. J. 21</td>
</tr>
<tr>
<td>Gilliam, H. C., Jr. 34</td>
</tr>
<tr>
<td>Gillingham, J. T. 8</td>
</tr>
<tr>
<td>Gillis, W. T. 4</td>
</tr>
<tr>
<td>Glassock, H. R. 34</td>
</tr>
<tr>
<td>Glasgow, L. L. 17, 41</td>
</tr>
<tr>
<td>Golley, F. B. 39</td>
</tr>
<tr>
<td>Gomide, J. A. 17</td>
</tr>
<tr>
<td>Gonsoulin, H. C. 28</td>
</tr>
<tr>
<td>Goode, L. 20</td>
</tr>
<tr>
<td>Goodrum, P. D. 38, 39, 41</td>
</tr>
<tr>
<td>Gore, H. 43</td>
</tr>
<tr>
<td>Goss, J. 20</td>
</tr>
<tr>
<td>Gould, F. W. 4</td>
</tr>
</tbody>
</table>
Index of Authors

Marlowe, T. J. 25
Martin, R. E. 31, 41
Martinez, A. 25
Martz, F. A. 27, 28
Mason, J. V. 27
Mason, O. C. 34
Massey, H. F. 10
Matches, A. G. 12, 21, 36
Mathis, G. 24
Matocha, J. E. 18
Matondang, S. 10
Matts, R. 17
Mattfeld, G. F. 40
Matthews, J. F. 11
May, D. S. 12
May, J. T. 19
Mays, D. A. 18, 21
Mayton, E. L. 20
Meadows, G. B. 25
Menees, J. L. 13
Merce, J., Jr. 42
Merkle, M. G. 12, 23
Mertens, D. R. 28
Mets, L. 40
Meyer, R. E. 23
Meyerhofer, D. C. 24, 25, 26
Miller, F. R. 7
Miller, H. A. 5, 43
Miller, H. E. 13
Miller, N. G. 5
Miller, R. L. 31
Miller, W. J. 27
Millett, M. A. 28
Mitchell, G. E., Jr. 28
Moak, J. E. 35
Mobley, H. E. 31
Mönk, C. D. 9
Monroe, W. E. 21
Monroe, W. M. 26
Monson, W. G. 7, 13, 14, 18, 27, 30
Montgomery, C. R. 7, 8
Montgomery, M. J. 6, 16
Mooney, H. A. 13
Moore, J. E. 21, 28
Moore, R. A. 26
Moore, W. H. 3, 44
Mooring, M. T. 13
Morgan, E. B. 8, 20
Morris, H. D. 31
Morris, J. B. 20
Morrison, E. G. 18, 21
Morton, H. L. 23
Mott, G. O. 17, 18, 36
Mowbray, T. B. 10
Muhrer, M. E. 27
Murdy, W. H. 10, 11
Murphy, B. 23
Murphy, D. A. 33, 42
Murr, G. E. 34
Musselman, L. J. 8

National Academy of Science 24
Neal, D. L. 35
Neal, W. A. 38
Neathery, M. W. 7, 8

Neff, D. J. 36
Nelson, A. B. 35, 36
Nelson, B. D. 8, 20
Nelson, L. A. 16
Nelson, T. C. 3
Nettles, W. C. 29
Nettleton, W. D. 11
Neves, J. D. 10
Neumann, A. L. 25
Newcomb, S. J. 10, 38, 39
Nicholson, S. S. 29
Nielsen, D. 34
Nipper, W. A. 21, 24, 26, 28, 29
Nixon, E. S. 11
Noble, R. E. 41
Roller, C. H. 17

Oakes, A. J. 14
Oakes, J. Y. 15, 21
Obioha, F. C. 7
Odenwald, N. G. 3
Oefinger, S. W., Jr. 37, 42, 44
Offutt, M. S. 21
Ogden, P. R. 36
Oehman, L. F. 36
O'Kelley, R. E. 28
Old, S. M. 31
Oliver, W. F., Jr. 40
Oliver, W. M. 22, 25, 26
Olson, D. F., Jr. 40, 41
Olson, J. S. 9
Oosting, H. J. 10
Orton, R. 9
Owen, C. R. 6
Owen, J. R. 16
Owensby, C. E. 16, 30

Pahnnish, O. F. 25
Palermo, R. J. 40
Pallas, J. E., Jr. 10, 19
Palmer, D. N. 6
Palmisano, A. W. 10, 42
Panchoy, K. 13
Parham, A. P. 25, 28
Parham, R. W. 25
Parker, K. W. 36
Parsons, J. J. 3
Patrick, T. E. 26
Patrick, W. H., Jr. 11
Patten, B. C. 10
Patterson, T. B. 15, 25, 26
Patty, T. S. 9
Paulsen, H. A., Jr. 36
Payne, W. W. 13
Peacock, B. M. 24
Peacock, J. T. 13
Pearson, H. A. 8, 25, 26, 28, 30, 36
Pearson, R. W. 10
Peep, T. F. 13
Peet, M. M. 13
Peavy, F. A. 11, 22, 23
Penfound, W. T. 31
Index of Authors

<table>
<thead>
<tr>
<th>Author Name</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reynolds, W. L.</td>
<td>8, 24, 25, 26, 28</td>
</tr>
<tr>
<td>Rice, E. L.</td>
<td>13, 14</td>
</tr>
<tr>
<td>Rice, H. B.</td>
<td>11</td>
</tr>
<tr>
<td>Rice, J. S.</td>
<td>8</td>
</tr>
<tr>
<td>Richardson, W. L.</td>
<td>14</td>
</tr>
<tr>
<td>Rickett, H. W.</td>
<td>5</td>
</tr>
<tr>
<td>Rieck, W. L.</td>
<td>22</td>
</tr>
<tr>
<td>Riggs, J. K.</td>
<td>28</td>
</tr>
<tr>
<td>Rios, C. E.</td>
<td>21</td>
</tr>
<tr>
<td>Rios, J.</td>
<td>27, 28</td>
</tr>
<tr>
<td>Ripley, T. H.</td>
<td>10</td>
</tr>
<tr>
<td>Rittenhouse, L. R.</td>
<td>7</td>
</tr>
<tr>
<td>Roark, C. B.</td>
<td>15, 25, 28</td>
</tr>
<tr>
<td>Robbins, J. D.</td>
<td>8</td>
</tr>
<tr>
<td>Roberts, R. H.</td>
<td>29</td>
</tr>
<tr>
<td>Robertson, G. L.</td>
<td>26</td>
</tr>
<tr>
<td>Robertson, J.</td>
<td>23</td>
</tr>
<tr>
<td>Robertson, K. R.</td>
<td>5</td>
</tr>
<tr>
<td>Robertson, W. V.</td>
<td>40</td>
</tr>
<tr>
<td>Robinette, D. L.</td>
<td>43</td>
</tr>
<tr>
<td>Robinson, L. H.</td>
<td>43</td>
</tr>
<tr>
<td>Robinson, R. C.</td>
<td>30</td>
</tr>
<tr>
<td>Robinson, R. M.</td>
<td>36, 40</td>
</tr>
<tr>
<td>Robinson, O. W.</td>
<td>25, 26</td>
</tr>
<tr>
<td>Rogers, J. L.</td>
<td>22</td>
</tr>
<tr>
<td>Rogers, M.</td>
<td>43</td>
</tr>
<tr>
<td>Rogerson, T. L.</td>
<td>10</td>
</tr>
<tr>
<td>Rosene, W.</td>
<td>41</td>
</tr>
<tr>
<td>Riesenkrans, D. B., Jr.</td>
<td>34</td>
</tr>
<tr>
<td>Roth, J. A.</td>
<td>17</td>
</tr>
<tr>
<td>Rotsettis, J.</td>
<td>13</td>
</tr>
<tr>
<td>Roundtree, B.H.</td>
<td>16</td>
</tr>
<tr>
<td>Roush, R. D.</td>
<td>4</td>
</tr>
<tr>
<td>Ruleke, O. C.</td>
<td>6, 28</td>
</tr>
<tr>
<td>Rumsey, R. L.</td>
<td>41</td>
</tr>
<tr>
<td>Rusoff, L. L.</td>
<td>7</td>
</tr>
<tr>
<td>Rutledge, J.</td>
<td>25</td>
</tr>
<tr>
<td>Sackett, S. S.</td>
<td>22, 32</td>
</tr>
<tr>
<td>Sandt, J. L.</td>
<td>40</td>
</tr>
<tr>
<td>Santielmann, P. W.</td>
<td>13, 22</td>
</tr>
<tr>
<td>Sassaman, R. W.</td>
<td>34</td>
</tr>
<tr>
<td>Satter, L. D.</td>
<td>28</td>
</tr>
<tr>
<td>Saucier, H. S.</td>
<td>22</td>
</tr>
<tr>
<td>Saxton, K. E.</td>
<td>11</td>
</tr>
<tr>
<td>Scarsbrook, C. E.</td>
<td>18</td>
</tr>
<tr>
<td>Schank, S. C.</td>
<td>14</td>
</tr>
<tr>
<td>Schmidt, R. E.</td>
<td>13, 18</td>
</tr>
<tr>
<td>Schroder, V. N.</td>
<td>3</td>
</tr>
<tr>
<td>Schumacher, P. D.</td>
<td>43</td>
</tr>
<tr>
<td>Schweitzer, D.L.</td>
<td>43</td>
</tr>
<tr>
<td>Scruggs, C. G.</td>
<td>25</td>
</tr>
<tr>
<td>Segelquist, C. J.</td>
<td>38, 39, 43</td>
</tr>
<tr>
<td>Sell, O. E.</td>
<td>27</td>
</tr>
<tr>
<td>Sell, W. H.</td>
<td>22</td>
</tr>
<tr>
<td>Seneca, E. D.</td>
<td>13</td>
</tr>
<tr>
<td>Settergren, C. D.</td>
<td>10, 30, 32</td>
</tr>
<tr>
<td>Shank, S. C.</td>
<td>12</td>
</tr>
<tr>
<td>Sharp, W. E.</td>
<td>28</td>
</tr>
<tr>
<td>Shaw, S. P.</td>
<td>38</td>
</tr>
<tr>
<td>Shawver, C. B.</td>
<td>27</td>
</tr>
<tr>
<td>Shelton, J. E.</td>
<td>11</td>
</tr>
<tr>
<td>Shepherd, W. O.</td>
<td>28</td>
</tr>
<tr>
<td>Shifflet, T. N.</td>
<td>4, 16</td>
</tr>
<tr>
<td>Shirer, M. M.</td>
<td>8</td>
</tr>
<tr>
<td>Shirley, R. L.</td>
<td>18, 24</td>
</tr>
<tr>
<td>Shontz, J. P.</td>
<td>10</td>
</tr>
<tr>
<td>Shoop, M. C.</td>
<td>13, 16, 21, 31</td>
</tr>
<tr>
<td>Short, H. L.</td>
<td>6, 8, 38, 39, 43</td>
</tr>
<tr>
<td>Shrauder, P. A.</td>
<td>43</td>
</tr>
<tr>
<td>Shugart, H. H., Jr.</td>
<td>42</td>
</tr>
<tr>
<td>Shultz, T. A.</td>
<td>27</td>
</tr>
<tr>
<td>Shumway, P. E.</td>
<td>27</td>
</tr>
<tr>
<td>Siegel, W. C.</td>
<td>34</td>
</tr>
<tr>
<td>Simco, J. S.</td>
<td>29</td>
</tr>
<tr>
<td>Simpson, B. J.</td>
<td>22</td>
</tr>
<tr>
<td>Simpson, R. C.</td>
<td>42</td>
</tr>
<tr>
<td>Sims, P. L.</td>
<td>36</td>
</tr>
<tr>
<td>Sitton, G. D.</td>
<td>26</td>
</tr>
<tr>
<td>Slack, C. H.</td>
<td>23</td>
</tr>
<tr>
<td>Slon, S. B.</td>
<td>26</td>
</tr>
<tr>
<td>Smart, L. E.</td>
<td>27</td>
</tr>
<tr>
<td>Smith, A. E.</td>
<td>13</td>
</tr>
<tr>
<td>Smith, B. W.</td>
<td>13</td>
</tr>
<tr>
<td>Smith, C. W.</td>
<td>13</td>
</tr>
<tr>
<td>Smith, E. F.</td>
<td>30</td>
</tr>
<tr>
<td>Smith, E. M.</td>
<td>19</td>
</tr>
<tr>
<td>Smith, E. R.</td>
<td>43</td>
</tr>
<tr>
<td>Smith, F.</td>
<td>25</td>
</tr>
<tr>
<td>Smith, G. E.</td>
<td>17</td>
</tr>
<tr>
<td>Smith, H. B.</td>
<td>15</td>
</tr>
<tr>
<td>Smith, H. K.</td>
<td>36</td>
</tr>
<tr>
<td>Smith, J. E.</td>
<td>23</td>
</tr>
<tr>
<td>Smith, L. E., Jr.</td>
<td>26</td>
</tr>
<tr>
<td>Smith, R. M., Jr.</td>
<td>25</td>
</tr>
<tr>
<td>Smith, S. R.</td>
<td>43</td>
</tr>
<tr>
<td>Smithson, L. J.</td>
<td>18</td>
</tr>
<tr>
<td>Snapp, R. R.</td>
<td>25</td>
</tr>
<tr>
<td>Soots, R. F., Jr.</td>
<td>39</td>
</tr>
<tr>
<td>Sparks, D. R.</td>
<td>36</td>
</tr>
<tr>
<td>Speake, D. W.</td>
<td>43</td>
</tr>
<tr>
<td>Spencer, D. A.</td>
<td>44</td>
</tr>
<tr>
<td>Spooner, A. E.</td>
<td>15, 16, 17, 25, 28, 33, 34</td>
</tr>
<tr>
<td>Stahnke, C.</td>
<td>11</td>
</tr>
<tr>
<td>Stalter, R.</td>
<td>19</td>
</tr>
<tr>
<td>Stanley, R. L.</td>
<td>6, 14, 18, 20</td>
</tr>
<tr>
<td>Stanley, W. W.</td>
<td>22</td>
</tr>
<tr>
<td>Starnes, J. J.</td>
<td>8</td>
</tr>
<tr>
<td>Stastny, J. W.</td>
<td>23</td>
</tr>
<tr>
<td>Stearn, F.</td>
<td>43, 44</td>
</tr>
<tr>
<td>Steelman, C. D.</td>
<td>29</td>
</tr>
<tr>
<td>Steere, W. C.</td>
<td>5</td>
</tr>
<tr>
<td>Stephens, R. L.</td>
<td>18</td>
</tr>
<tr>
<td>Sternitzke, H. S.</td>
<td>3</td>
</tr>
<tr>
<td>Stiglitz, W. O.</td>
<td>39</td>
</tr>
<tr>
<td>Stol, H. R.</td>
<td>23</td>
</tr>
<tr>
<td>Stranksy, J. J.</td>
<td>38, 42, 43, 44</td>
</tr>
<tr>
<td>Streeter, C. L.</td>
<td>7</td>
</tr>
<tr>
<td>Streetman, L. J.</td>
<td>14</td>
</tr>
<tr>
<td>Strode, D. D.</td>
<td>38</td>
</tr>
<tr>
<td>Stuedemann, J. A.</td>
<td>18, 29</td>
</tr>
<tr>
<td>Suman, R. F.</td>
<td>28</td>
</tr>
<tr>
<td>Sweeney, J. M.</td>
<td>41</td>
</tr>
<tr>
<td>Sweeney, J. R.</td>
<td>41</td>
</tr>
<tr>
<td>Sweeney, J. G.</td>
<td>8</td>
</tr>
<tr>
<td>Tan, K. H.</td>
<td>10, 11</td>
</tr>
<tr>
<td>Taylor, T. H.</td>
<td>13, 17, 19, 22</td>
</tr>
<tr>
<td>Telfer, E. S.</td>
<td>36</td>
</tr>
<tr>
<td>Authors</td>
<td>Index of Authors</td>
</tr>
<tr>
<td>---------</td>
<td>------------------</td>
</tr>
<tr>
<td>Templeton, W. C., Jr.</td>
<td>Ward, F. 38, 43</td>
</tr>
<tr>
<td>Teng, J. I.</td>
<td>Ware, S. A. 4, 14</td>
</tr>
<tr>
<td>Tergas, L. E.</td>
<td>Warnick, A. C. 24, 25, 26</td>
</tr>
<tr>
<td>Terman, G. L.</td>
<td>Warren, W. M. 25</td>
</tr>
<tr>
<td>Texas A &amp; M University</td>
<td>Witschke, T. L. 13, 18</td>
</tr>
<tr>
<td>Thomas, J.</td>
<td>Watson, V. H. 13</td>
</tr>
<tr>
<td>Thetford, F. O.</td>
<td>Watson, W. J. 22</td>
</tr>
<tr>
<td>Tierset, J. W.</td>
<td>Wattemberger, D. 8</td>
</tr>
<tr>
<td>Thomas, J. W.</td>
<td>Watts, W. A. 4, 10</td>
</tr>
<tr>
<td>Thompson, L., Jr.</td>
<td>Waugh, S. A. 25</td>
</tr>
<tr>
<td>Thompson, R. L.</td>
<td>Waymack, L. B. 29</td>
</tr>
<tr>
<td>Thrift, F. A.</td>
<td>Waymack, M. A. 29</td>
</tr>
<tr>
<td>Tierson, W. 6.</td>
<td>Webster, W. B. 20</td>
</tr>
<tr>
<td>Tillman, A. D.</td>
<td>Weir, W. C. 8</td>
</tr>
<tr>
<td>Tiwari, S. C.</td>
<td>Welch, L. F. 18</td>
</tr>
<tr>
<td>Todd, J. R.</td>
<td>Welch, W. C. 3</td>
</tr>
<tr>
<td>Torell, D. T.</td>
<td>Wells, C. G. 31</td>
</tr>
<tr>
<td>Torgerson, 0.</td>
<td>Weniger, D. 5</td>
</tr>
<tr>
<td>Thrust, F. A.</td>
<td>West, S. H. 12</td>
</tr>
<tr>
<td>T ules, R. 28</td>
<td>Wharton, M. E. 5</td>
</tr>
<tr>
<td>Trappe, J. M.</td>
<td>Wheaton, H. N. 16</td>
</tr>
<tr>
<td>Trousdell, K. B.</td>
<td>Wheeler, R. F. 5</td>
</tr>
<tr>
<td>Tueller, P. T.</td>
<td>Whelan, J. B. 3, 35, 36</td>
</tr>
<tr>
<td>Tuoman, D. F.</td>
<td>Whitaker, F. D. 11</td>
</tr>
<tr>
<td>Turk, J.</td>
<td>Whitaker, L. B. 17, 26, 27, 28, 30</td>
</tr>
<tr>
<td>Turk, J. W.</td>
<td>Whitcomb, C. E. 30</td>
</tr>
<tr>
<td>Turman, E. J.</td>
<td>White, M. 40</td>
</tr>
<tr>
<td>Turner, B. H.</td>
<td>White, T. W. 8, 35</td>
</tr>
<tr>
<td>Turner, B. L.</td>
<td>White, W. E. 30</td>
</tr>
<tr>
<td>Turner, J. C., Jr.</td>
<td>White, J. V. 28</td>
</tr>
<tr>
<td>Turner, J. W. 26, 29</td>
<td>Whittom, P. B. 9</td>
</tr>
<tr>
<td>Tynes, J. S. 29</td>
<td>Wiant, H. V. 37, 39</td>
</tr>
<tr>
<td>Upton, D. L. 41</td>
<td>Wiegmann, F. 34</td>
</tr>
<tr>
<td>Urbston, D. F. 38, 41</td>
<td>Wilbur, R. L. 5</td>
</tr>
<tr>
<td>Ursic, S. J. 32</td>
<td>Wiley, J. E. 40</td>
</tr>
<tr>
<td>USDA 32</td>
<td>Wilhite, A. 30</td>
</tr>
<tr>
<td>USDA Forest Service 4, 32</td>
<td>Wilkens, L. 3</td>
</tr>
<tr>
<td>Utley, P. R. 25, 27, 28</td>
<td>Wilkinson, R. E. 7, 14</td>
</tr>
<tr>
<td>Vallentine, J. F. 23</td>
<td>Wilkinson, S. R. 8, 18, 29</td>
</tr>
<tr>
<td>VanAmburg, G. L. 6</td>
<td>Wilkinson, W. S. 6, 18</td>
</tr>
<tr>
<td>Van Bavel, C. H. M. 9</td>
<td>Willemsen, R. W. 14</td>
</tr>
<tr>
<td>Van Dyne, G. M. 7, 10, 37</td>
<td>Williams, D. J. 18, 29</td>
</tr>
<tr>
<td>Van Lear, D. H. 11</td>
<td>Williams, D. L. 28</td>
</tr>
<tr>
<td>Van Tyne, E. 4</td>
<td>Williams, G. A. 29</td>
</tr>
<tr>
<td>Vaughn, E. 33</td>
<td>Williams, L. E., Jr. 41</td>
</tr>
<tr>
<td>Veaseley, J. A. 26</td>
<td>Williams, O. B. 37</td>
</tr>
<tr>
<td>Veteto, G. 36, 39</td>
<td>Williamson, B. C. 8</td>
</tr>
<tr>
<td>Vincent, C. K. 25, 26, 28</td>
<td>Williamson, L. L. 40</td>
</tr>
<tr>
<td>Vogel, W. G. 8, 16, 19, 37</td>
<td>Williamson, M. J. 3</td>
</tr>
<tr>
<td>Voigt, P. W. 4</td>
<td>Williston, H. L. 22</td>
</tr>
<tr>
<td>Volk, G. M. 12, 18</td>
<td>Wilson, A. D. 6, 8</td>
</tr>
<tr>
<td>Wade, D. D. 22, 32</td>
<td>Wilson, B. H. 29</td>
</tr>
<tr>
<td>Wallace, A. T. 6</td>
<td>Wilson, K. O. 30</td>
</tr>
<tr>
<td>Wallace, J. O. 37</td>
<td>Wilson, N. 29</td>
</tr>
<tr>
<td>Walley, W. W. 6</td>
<td>Wing, J. M. 8</td>
</tr>
<tr>
<td>Walters, R. S. 3, 4</td>
<td>Wise, M. B. 20</td>
</tr>
<tr>
<td>Wang, H. C. 24</td>
<td>Wolf, D. D. 14</td>
</tr>
<tr>
<td>Ward, C. Y. 13</td>
<td>Wolfstone, R. 25</td>
</tr>
<tr>
<td>Ward, D. B. 5</td>
<td>Wolters, G. L. 14, 16</td>
</tr>
<tr>
<td>Ward, D. E. 32</td>
<td>Wood, J. R. 32</td>
</tr>
<tr>
<td>Ward, D. O. 10</td>
<td>Woodhouse, W. W. 16, 18</td>
</tr>
<tr>
<td>Wardle, L. L. 4, 37</td>
<td>Woodruff, C. M. 11</td>
</tr>
<tr>
<td>Yarlett, L. L. 40</td>
<td>Woods, S. G. 28</td>
</tr>
<tr>
<td>Yocono, H. A. 32</td>
<td>Workman, J. P. 15</td>
</tr>
<tr>
<td>Young, A. L. 22</td>
<td>Worthington, R. E. 7</td>
</tr>
<tr>
<td>Young, L. E., Jr. 37</td>
<td>Zeedyk, W. D. 43</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Authors</th>
<th>Index of Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zeedyk, W. D. 43</td>
<td>Zarger, T. G. 18</td>
</tr>
</tbody>
</table>