

LITERATURE CITED

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ACTIVITIES OF THE WATER USE COMMITTEE SOUTHEAST SECTION, WILDLIFE SOCIETY

The Southeastern Water Use Committee has been concerned with pertinent water use problems affecting fish, wildlife, and related resources since its inception. Annually, since its initiation, it has prepared or sponsored the preparation of special reports on various water problems of particular concern. These have included evaluations of watershed development problems, stream preservation, water use studies, water policy legislation, watershed in relation to wildlife, with special reports from the Watershed Study Sub-committee in 1965 and a report on Stream Banks Wildlife Habitat in 1966. In 1967, a general report and recommendations were prepared for the meeting held at New Orleans. The Committee has been responsible for the production of nineteen special and published reports since it was first organized.

In 1967 a special spring meeting was held at Reelfoot Lake, Tennessee, and among plans made at that time was a special study and workshop concerning watershed developments. Mr. Floyd Fessler of the Soil Conservation Service planned the organization of such a workshop in the 1968 fiscal year, but his subsequent illness prevented completion of this objective. Among other proposals and plans was a study of methods for implementing plans for stream preservation, and studies of bottomland hardwood drainage and encouragement of research on matters affecting fish and wildlife at the Water Research Centers.

The Committee met again at New Orleans during the annual 1967 Southeastern meeting, and primary objectives and purposes of the Committee were reviewed. A summer meeting was planned, but various commitments and problems besetting Committee members delayed this session. Committee personnel problems, including the change in job status of the Chairman during the past annum, brought about deferral of actions which had been contemplated. Hopefully, we believe the Committee can improve its operational program in the 1969 year. We believe problems in water management, which include drainage, loss of timberlands, inundation of streams by impoundments, pollution, and many other affects of management and the results of technology are among the most significant habitat problems facing fish and wildlife biologists and those concerned with preservation of a diverse and ecologically balanced environment for people.

Although accomplishments in 1968 were less significant than in the prior years, the Committee members did, on an individual basis, accomplish a certain number of objectives. These included preparation of statements and resolutions concerned with subsidized drainage and loss of bottomland hardwoods. The resolution pertaining to preservation of bottomland hardwoods was renewed by the Southeastern Association, and was adopted for resolutions presented to the National Wildlife Federation and other organizations. Improved working relations in S.C.S. project proposals were accomplished in several states, which had been a Committee purpose. Perhaps, most importantly, a number of states in the region initiated surveys, plans, or prepared legislation for the protection of wild, scenic, or pastoral rivers. This is an objective which the Committee has diligently pursued over several years. States taking such actions include Tennessee, Louisiana, Arkansas, Alabama, Missouri, and Virginia, and others have plans underway.

As of this time, a symposium to be participated in by states in the western half of the region, which will consider actions and programs for preserving streams, is planned for December at Tech College, Russellville, Arkansas. Notices concerning this meeting will be mailed within the next few days.

It is conspicuously apparent that water problems remain essentially the same from one year to the next. Because of the massive and tax supported programs in the southeast which dictate the use of surface waters largely for such limited purposes, and because most of these programs fail to recognize either intangible values or the ecological impact, opportunities for saving habitats for wildlife resources are reduced day by day.

In this 1968 meeting topics for discussion are as follows:

1. Stream preservation.
2. Small watershed developments affecting fish and wildlife habitats.
3. Research related to biological changes brought about through water developments.
4. Bottomland hardwood drainage.
5. Development of systems of classification for streams and waterways which will establish criteria for preserving certain waterways for recreational, fish and wildlife, and related uses.
6. Revisions needed in state and federal laws and legislation.
7. Continuation of plans for a watershed workshop (discussed at last year's meeting) and evaluation of watershed problems.
8. Updating the wetlands survey originally prepared by the Department of the Interior.
9. Revision of the Coordination Act to promote consideration of preservation principals and equal concern for resources outside the scope of development agency jurisdictions.
10. Establishment of Regional Sub-committees to place the Southeastern Committee on a more functional basis.

During the coming year a spring meeting will be planned. It is also desirable to designate east and west subdivisions, since Committee meetings are difficult to accomplish on a regional basis. Subdivisions should be able to work toward common objectives more expediently. Among the Committee's most significant purposes will be protection of streams and streamside habitat, wooded swamps, and implementation of significant research. An education program is acutely needed, and promotion of such a program will be a purpose. We will make positive efforts to be more active and effective than during the past year.

Submitted by:

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(List of Committee members and List of publications and papers)

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LIST OF SPECIAL REPORTS SUBMITTED AS CONTRIBUTIONS
FROM THE WATER USE COMM.
S. E. SECTION, WILDLIFE SOCIETY
1958-1967

1. Special Report to the Southeastern Association of Game and Fish Commissioners – Frank Barick, 1958.*
2. Opportunities For Fish and Wildlife Enhancement Through Wetlands and Water Use Studies – Gene Wallace, N.D. (1958).*
3. Some Factors Effecting Streams In Tennessee In Relation to Fish and Wildlife – Gene Ruhr, N. D. (1958).
4. Water Projects In Arkansas In Relation to Wildlife and Recreation – Harold E. Alexander, Gene Wallace, Roy Wood, 1958.*
5. Stream Values, Recreational Use and Preservation in the Southeastern States – Harold E. Alexander, 1959.*
6. Fish and Wildlife and the Small Watershed Program – Donald W. Pfitzer, 1959.*
7. Progress and Problems of Southeastern Wetlands and Water Use Studies – Gene Wallace, N. D. (1959).*
8. Water Policy and Wildlife – H. E. Alexander, 1960.*
9. Southeast State Water Legislation In Relation To Fish and Wildlife – Leonard Foote, 1961.*
10. Activities of the Water Use Committee, Summary Report, 1961.*
11. Summary Report, Water Use Committee, 1962.*
12. Fish and Wildlife Vs. Water Management, Some Basic Considerations, Harold E. Alexander, 1963.*
13. Survey of Watershed Problems, by the Water Use Committee, Harold E. Alexander and Committee Members, 1964.*

14. Statement on "Wetlands of the United States, Circular No. 39 and "Agricultural Drainage Subsidized by A.C.P. Practices". Dan Russell, 1964.*
15. Survey of Watershed Problems – Robert Smith, 1965.*
16. A Survey of Stream Bank Wildlife Habitat, By Dan Russell, in 1966.

In addition, the following Special Reports and Statements were prepared by Committee members and Associates:

1. Stream Values, Recreational Use and Preservation. North American Wildlife Conf. – Harold E. Alexander, 1960.
2. Minutes of the Water Use Comm. meeting and Training Session, Memphis, Tennessee – U. S. F. and W. Service, 1961.
3. List of National meetings on Water Resources, 1962.
4. Wildlife and P. L. 556 Watersheds, Lexington, Kentucky, Dan Russell, 1963.
5. Statement on Watershed-Wildlife Problems. (For Nat. Wildlife Fed. Dept., Watershed Congress, Little Rock, Arkansas). 1964.
6. Resolution, Pertaining to the Preservation of Bottomland Hardwoods and Wooded Swamps – Dan Russell, 1965.
7. Problems and Progress in Stream Preservation, North American Wildlife Conf. – Harold E. Alexander, 1965.*
8. Miscellaneous Resolutions, Statements and Letter Reports on Water Legislation, Management and Policy to Committees, States and Other agencies.
9. "The States Role In Stream Preservation". Wild Rivers Issue. Naturalist Magazine, Harold E. Alexander, 1965.

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*Published in Proceedings of Southeastern Association or other Journals.