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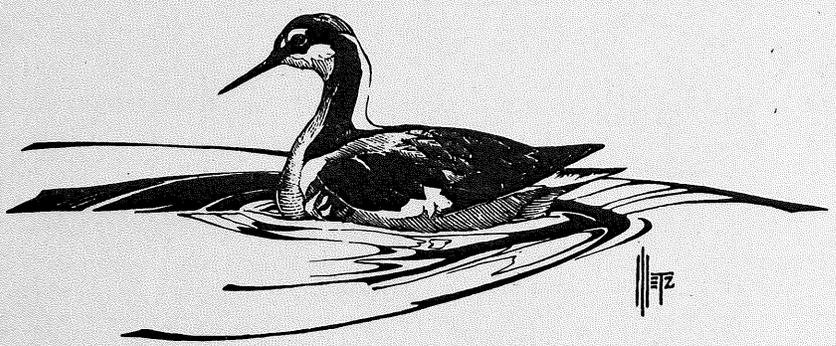
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**PLAN FOR THE MANAGEMENT OF
 NONGAME WILDLIFE
 IN MINNESOTA**

VOLUME 1 - THE PLANNING CONCEPT
(review draft)



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DATE: 12/23/82

Nongame Wildlife Program

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Plan Volumes

Vol. 1 - The Planning Concept - draft issued 12/82

Vol. 2 - Resource Analysis

Vol. 3 - Problem Analysis

Vol. 4 - Goals and Strategies

Vol. 5 - The Operational Plan

For additional information on the Nongame Wildlife Program

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Plan for the Management of
Nongame Wildlife
in Minnesota

Volume 1 - The Planning Concept
(review draft)

Date: 12/23/82

Minnesota Department of Natural Resources
Division of Fish and Wildlife
Nongame Wildlife Program
St. Paul, Minnesota

Funded by: Minnesota citizens through their
donations to the Nongame Wildlife Fund.

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PREFACE

The concept of wildlife as a renewable natural resource belonging to all citizens and managed by the government for the benefit of these citizens is a uniquely American idea. During colonial times, wildlife management consisted of governmental restrictions on killing wild animals. These early restrictions were largely ignored. Nevertheless, citizen demand for the protection of vanishing wildlife continued to grow. By 1865, the first state game department had been established in California to enforce the hunting laws. In the years which have followed, such restrictive actions have evolved into the complex field of modern day wildlife management. Today, each state has a wildlife management agency.

As a growing human population continues to place great pressure on the land and its natural resources, citizens are still concerned that governmental agencies act to maintain all wildlife. This citizen concern has prompted many state wildlife agencies to broaden their scope of actions to include more than just the traditional game species. These expanding efforts now include research and management for endangered species and such wildlife as songbirds, reptiles, and selected invertebrates.

In Minnesota, the authority and responsibility for management of wildlife resides, at the state level, with the Commissioner of the Department of Natural Resources. In 1977, the Department of Natural Resources responded to the citizens' concerns for wildlife by creating

the Nongame Wildlife¹ Program within the Division of Fish and Wildlife. In 1980, the Department was given additional responsibility through the Threatened and Endangered Species Protection Act for nongame wildlife management. Also in 1980, the Department's capability to meet its legal obligations and the citizens' demands was enhanced by the passage of the Minnesota Nongame Wildlife Checkoff law (Minn. Stat. Sec. 290.431 (1981 Supp.)) This law established the nongame wildlife fund with an annual income of over \$500,000 to be expended for management of the nongame wildlife resource.

In order to provide direction for the expenditure of nongame wildlife fund monies, the Nongame Wildlife Program has initiated the Plan for the Management of Nongame Wildlife in Minnesota, which will be comprised of five volumes: Volume 1 - The Planning Concept, Volume 2 - Resource Assessment, Volume 3 - Problem Analysis, Volume 4 - Goals and Strategies, and Volume 5 - Operational Plan. The planning effort will only be as comprehensive and successful as the input it receives from citizens and involved professionals. Therefore, your ideas and comments on each volume that will comprise the Plan for the Management of Nongame Wildlife in Minnesota are important.

¹The term "nongame wildlife" is currently considered to include all vertebrate fauna not traditionally hunted, fished or trapped (including species designated endangered or threatened under Minnesota statute except the timber wolf) and selected invertebrate classes.

You are invited to submit your comments on this first volume to:

Roger Holmes, Acting Director
Division of Fish and Wildlife
Box 7, Centennial Building
658 Cedar Street
St. Paul, Minnesota 55155

by January 25, 1983. A form for your comments is included in Appendix D. YOU MUST COMPLETE the lower portion of the comment form and submit it if you wish to receive the subsequent volumes, otherwise, your name will be removed from the mailing list. We look forward to hearing from you. Thank you for your participation.

EXECUTIVE SUMMARY

ACTIVITY: Nongame Wildlife Planning
PROGRAM: Nongame Wildlife Program
AGENCY: Department of Natural Resources
Division of Fish and Wildlife, Section of Wildlife

ACTIVITY DESCRIPTION: This activity consists of actions to develop, write and publish a long-range comprehensive plan for the Nongame Wildlife Program in the Department of Natural Resources. The Program's mission is to protect and preserve the diversity and abundance of nongame wildlife in Minnesota for the benefit of the state's citizens. The plan will direct nongame program activities in a systematic manner reflecting the management needs of the resource and the recreational and educational needs of the citizens.

The principal clientele to be served are Minnesota citizens who enjoy wildlife-related activities, including the 200,000 Minnesota taxpayers who annually donate to the nongame wildlife fund, as well as the professional personnel of the Department of Natural Resources who are involved with the Nongame Wildlife Program.

ACTIVITY GOAL: The goal is to develop a plan for the Nongame Wildlife Program. The OBJECTIVES of the plan are to:

1. Define the nongame wildlife resource and analyze the past, present, and future condition of the resource.
2. Identify important nongame wildlife related problems and analyze their causes and consequences.
3. Define the goals of the Nongame Wildlife Program.

4. Define opportunities and select strategies to resolve the problems and attain program goals.
5. Develop the strategies into a plan and establish a priority of actions to attain goals and resolve problems.
6. Develop standards to evaluate program effectiveness.
7. Insure public participation in the planning process, public benefit from program actions and opportunities for volunteer citizen participation in program activities.
8. Establish a procedure to systematically allocate funds, personnel, and equipment among the various program activities to efficiently attain program goals.
9. Establish a procedure and schedule for the periodic review and update of the operational plan, resource assessment and problems analysis.

ACTIVITY SCHEDULE: The plan shall be completed by March 1984.

It will consist of five volumes:

Volume 1 - The Planning Concept: description of the planning process, procedures for public participation and a work schedule.

Volume 2 - Resource Assessment: summary of current and prospective conditions of the nongame wildlife resource in Minnesota, including assessment of public interest and recreational demand and an analysis of the need for additional basic research and for socio-economic information on resource users.

Volume 3 - Problem Analysis: listing of nongame wildlife management problems compiled from existing sources (agency documents, public workshops) aggregated into major problem areas. A statement of each major problem including a brief background discussion and suggested opportunities to resolve the problems will be presented.

Volume 4 - Goals and Strategies: delineation and ranking of program goals, selection of preferred strategies for

attaining the goals and resolving major problems, including listing of specific objectives.

Volume 5 - Operational Plan: outline of specific actions, budget and personnel allocations, deadlines, policy or administrative changes needed to implement the preferred management strategies presented in Volume 4. This volume will contain operational plans for two biennia.

INTRODUCTION

The Nongame Wildlife Program's mission is to protect and preserve the diversity and abundance of nongame wildlife in Minnesota for the benefit of Minnesota citizens. Since its creation in 1977, the Program has expanded to a staff of seven full time personnel. To provide direction for the program activities, the staff is developing a nongame wildlife management plan. The timing of the planning effort is opportune. Incorporation of planning during formation of a new wildlife program provides an opportunity to design an organized course of action based on careful analysis of the resource, yet relatively unrestricted by previous actions and attitudes.

A precedent for planning within the Division already exists. Plans have been developed for management of selected game species, for the Division's land acquisition and management program, including the nine major wildlife management areas, and for the Scientific and Natural Areas Program. The current planning effort will complement these existing plans.

The Plan for the Management of Nongame Wildlife in Minnesota shall be completed by March 1984. It will consist of five volumes:

Volume 1 - The Planning Concept: description of the planning process, procedures for public participation, and a work schedule.

Volume 2 - Resource Assessment: summary of current and prospective conditions of the nongame wildlife resource in Minnesota, including assessment of public interest and recreational demand and an analysis of the need for additional basic research and for socio-economic information on resource users.

Volume 3 - Problem Analysis: listing of nongame wildlife management

problems compiled from existing sources (agency documents, public workshops) aggregated into major problem areas. A statement of each major problem including a brief background discussion and suggested opportunities to resolve the problems will be presented.

Volume 4 - Goals and Strategies: delineation and ranking of program goals, selection of preferred strategies for attaining the goals and resolving major problems, including listing of specific objectives.

Volume 5 - Operational Plan: outline of specific actions, budget and personnel allocations, deadlines, policy or administrative changes needed to implement the preferred management strategies presented in Volume 4. This volume will contain operational plans for two biennia.

The plan will direct the Nongame Wildlife Program in a manner reflecting the management needs of the resource and the recreational and educational needs of the citizens. It will be a complex undertaking. The process may be amended even as the plan is being developed.

PLANNING MANDATE

Motivation for the planning effort is derived from three sources.

First, project personnel, in conjunction with other concerned individuals, have identified the need for a statement of the program's goals, objectives, and priority of future activities. The purpose of the planning effort is to develop such a statement.

Secondly, the 1982 appropriations statement allowing expenditure of revenues from the nongame wildlife fund requires an annual work outline. These outlines and semi-annual performance reports are to be submitted to the Legislative Commission on Minnesota Resources for review and approval.

Finally, public Law 96-366, the federal "Fish and Wildlife Conservation Act of 1980" requires a comprehensive plan in order for State programs to qualify for federal funds for nongame species management.

Currently, the U.S. Fish and Wildlife Service is attempting to develop model plans in order to aid the States in meeting this legislative mandate. The Minnesota nongame plan will be designed to meet federal guidelines so as to qualify for cost share funding when money becomes available. Previously, the federal Endangered Species Act of 1973 set a precedent for nongame species planning through the Recovery Team process.

PURPOSE AND SCOPE

There is no legal definition in Minnesota of "nongame wildlife." Currently, the operational definition includes all vertebrate fauna not traditionally hunted, fished or trapped and selected invertebrate classes.

The purpose of the Plan for the Management of Nongame Wildlife in Minnesota is to define the problems related to the nongame resource and to delineate the course of action needed to manage the resource. In order to be effective, the plan must be broad in scope, considering all nongame wildlife resources statewide, including endangered and threatened fauna. Specific operational actions will be limited to Minnesota. Particular emphasis may be placed on management of the resource on Department-administered lands. Problem analysis and strategy development will require consideration of a species' full biological range, even beyond state boundaries. Consequently, cooperative actions with other states may be developed.

Administrative responsibility for development and implementation of the plan resides with the Department of Natural Resources, Division of Fish and Wildlife's Section of Wildlife. The Nongame Wildlife Program in the Section of Wildlife will have responsibility for most aspects of the plan. Current Nongame Wildlife Program activities may be deleted, curtailed or receive new priority in the final operational plan. Actions designated for other agencies or groups will be recommendations only, unless required by state statute.

The final operational plan will cover two biennia. Semi-annual progress reports and annual work outlines will be prepared by program personnel and submitted as required. Implementation, revision, and monitoring compliance of the Nongame Wildlife Program's activities with the operational plans will be the responsibility of the Director, Division of Wildlife.

In order to accomplish the planning goal the following objectives have been established:

1. Define the nongame wildlife resource and analyze the past, present, and the future condition of the resource.
2. Identify important nongame wildlife related problems and analyze their causes and consequences.
3. Define the goals of the Nongame Wildlife Program.
4. Define opportunities and select strategies to resolve the problems and attain program goals.
5. Develop strategies into a plan and establish a priority of actions to attain goals and resolve problems.
6. Develop standards to evaluate program effectiveness.
7. Insure public participation in the planning process, public benefit from program actions, and opportunities for volunteer citizen participation in program activities.
8. Establish a procedure to systematically allocate funds, personnel, and equipment among the various program activities to efficiently attain program goals.
9. Establish a procedure and schedule for the periodic review and update of the operational plan, resource assessment and problem analysis.

PLAN OUTLINE

The work involved in plan development will be undertaken by the Nongame Wildlife Program staff with the advice of an Executive Committee and a Technical Advisory Committee comprised of other Department of Natural Resources representatives. The purpose of the Technical Advisory Committee shall be to:

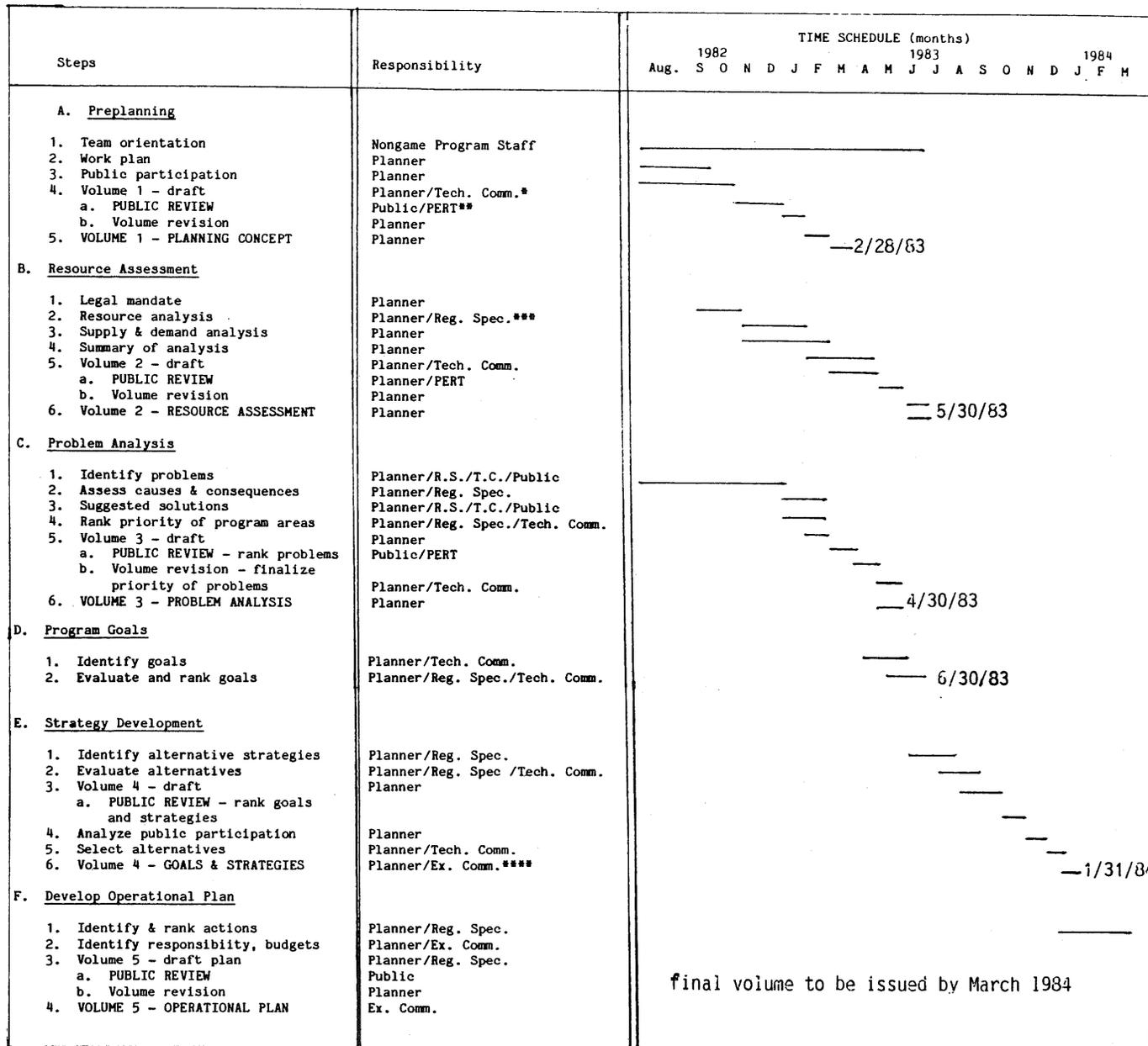
- Insure consideration of all important nongame wildlife issues in the planning process.
- Insure consideration of other Division programs and DNR agency interests during plan development.
- Insure coordination of the operational plan with other Division and agency interests.

The Executive Committee will decide on format, scope, content and direction of the plan. It will also act to assure completion, approval and implementation of the plan.

Public input will be provided, in part, by the Select Public Review Committee chosen to represent citizen interest in plan development. Additional provisions for public participation are more fully discussed in the Section COORDINATION AND PUBLIC PARTICIPATION. Membership of these committees is outlined in Appendix A.

The planning process will be composed of several stages (Figure 1 and Appendix C). The preplanning step is presented in this volume. It provides for development of a work schedule, definition of plan scope and selection of a strategy for public participation. The steps which

Figure 1.
Planning Schedule



final volume to be issued by March 1984

*Technical Advisory Committee - Tech. Comm. - T.C.
 **Planning and Environmental Review Team - DNR
 ***Regional Nongame Specialists - Reg. Spec. - R.S.
 ****Executive Committee - Exec. Comm.

Will follow include:

- Assessment of past, present and future resource conditions.
- Problem analysis and issue identification including assessment of causes and consequences and suggested solutions.
- Identification of program goals and development and evaluation of alternative strategies for goal attainment.
- Selection of strategies and development of an operational plan.
- Development of a budget and assignment of work responsibilities.
- Implement and monitor operational plans.
- Periodic review and revision of the plan in accordance with the activity schedule.

When complete, the Plan for Management of Nongame Wildlife in Minnesota will consist of five volumes. Each volume will be issued first as a draft for public review and comment. Public comments will be reviewed and considered for incorporation in the final volumes.

COORDINATION AND PUBLIC PARTICIPATION

The relationship of the Nongame Wildlife Program to other programs within the Division and throughout the Department of Natural Resources is shown in Figure 2. Coordination of the nongame planning effort with other interested parties is shown in Figure 3. Integration of the plan with other DNR plans will be coordinated through the Department's Planning and Environmental Review Team (PERT). The Office of Planning will assist in defining and developing any policies needed to implement the plan.

The role of public participation in the planning process is essential, not simply because Minnesota's citizens will "pay the bill" through donations to the nongame wildlife fund. A citizenry which is well informed, actively involved in the process of government, and concerned about natural resource utilization is our strongest ally in assuring proper wildlife management. Ultimately, the actions which will most directly insure wildlife's survival will be the natural resource laws adopted at all levels of government. Every action from local zoning ordinances to federal environmental quality guidelines which affect the air, land, or water also affect wildlife.

Citizen involvement in plan development will be through a network of existing organizations and interested individuals (Figure 3, Appendix B). As each volume of the plan is drafted, copies will be distributed to interested organizations and individuals. Public comments will be solicited on each volume during 30-day public review periods. All

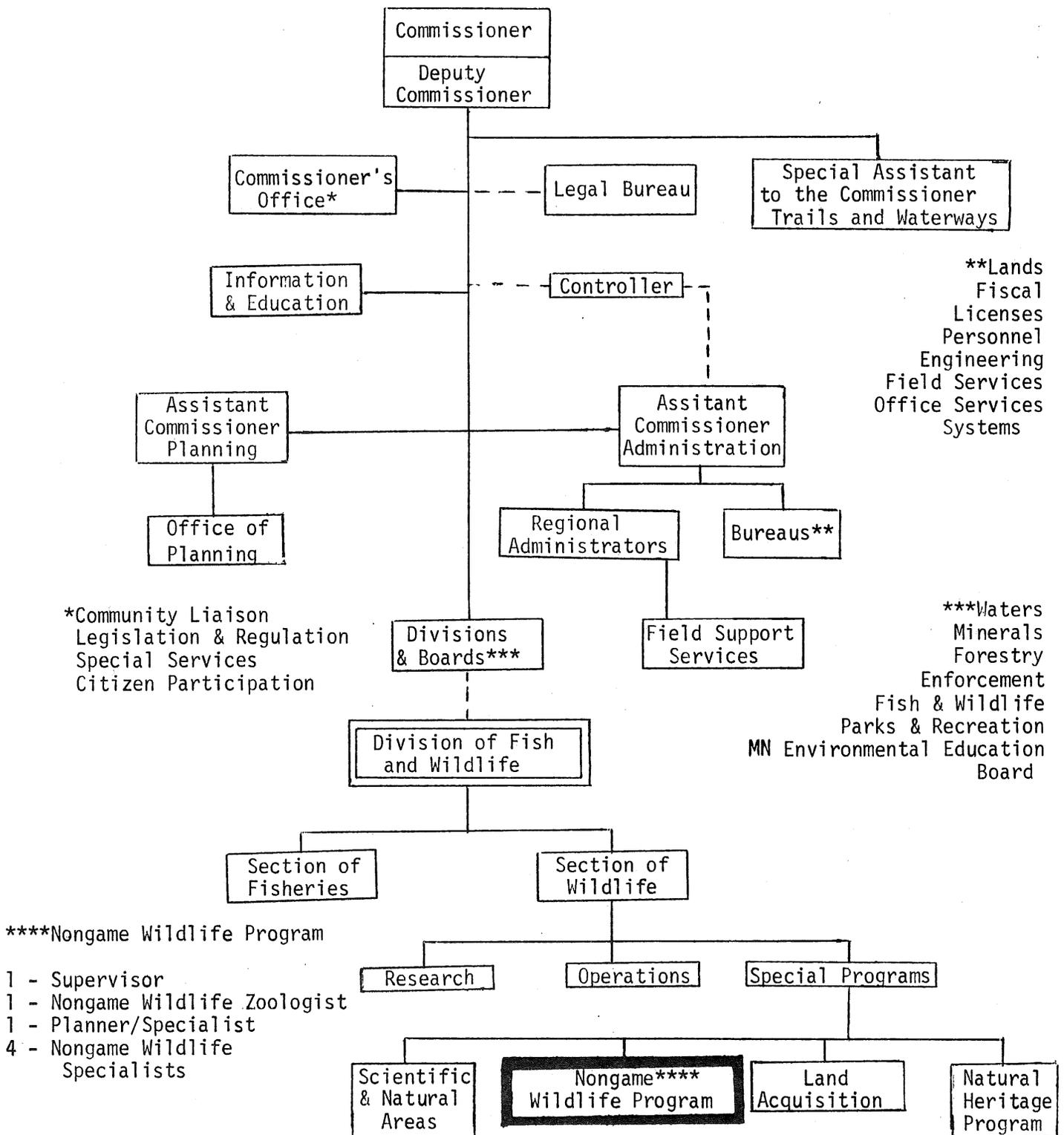


Figure 2. Nongame Wildlife Program in relation to Minnesota Department of Natural Resources-Organization Chart. (Source: Adopted from Minnesota Department of Natural Resources, 1980)

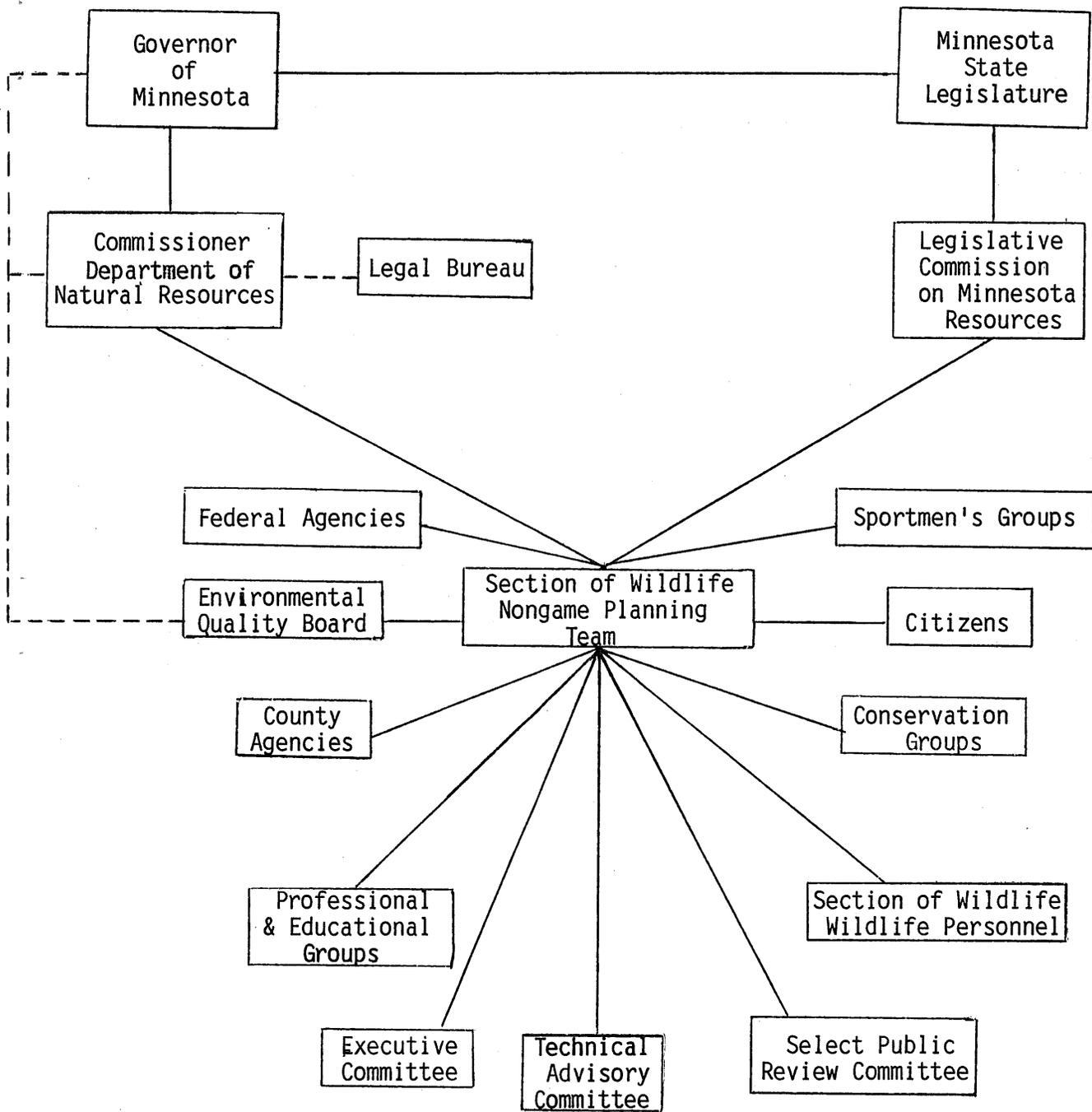


Figure 3. Coordination of nongame program planning process.

comments received will be reviewed. A revised edition of each volume, reflecting public comments, will then be issued as the final version of each volume.

Considerable public input has already been received through a series of 20 statewide workshops. The workshops, co-sponsored by the Minnesota Chapter of the Wildlife Society, Minnesota Environmental Education Board, and the Section of Wildlife, were designed to identify, discuss and rank nongame conservation problems. Potential solutions were also discussed. Input from the first workshop in St. Paul attended by 150 individuals has been summarized (Pfannmuller, 1981; MN Department of Natural Resources, 1981). This report, combined with input from the 19 outstate meetings will serve as a basis for the Problem Analysis (Volume 3). Some current Program activities were initiated in response to citizen concern expressed at these workshops.

To date, nearly 400 individuals have commented on nongame wildlife problems and solutions. Additional comments are welcome and may be submitted by completing the questionnaire in Appendix D.

USERS, EXPECTED RESULTS, BENEFITS

The principal clientele to be served by the plan are the Minnesota citizens and visitors who enjoy or benefit from wildlife-related activities, including the 200,000 taxpayers who annually donate to the nongame wildlife fund, sportsmen, conservationists, personnel within the Department of Natural Resources and other natural resource professionals. The plan will facilitate the coordination of the program's actions with departmental activities. The public will have concise information on the nongame wildlife resource, program activities, and the future direction of the Nongame Wildlife Program. The plan will insure program continuity despite personnel changes, and should encourage evaluation of program effectiveness. It will serve as a justification and explanation of future actions undertaken by the program.

Benefits to the Department and Division will include:

- Concise definitions of nongame resource problems and management alternatives.
- Establishment of resource policy.
- Establishment of the program's priority of action and standards of performance.

Benefits to the public will include:

- Statement of the program's policy, priorities and operational plans.
- Opportunity to participate in policy formation and program activities.
- Statement of costs and benefits of management actions.
- Standards of accountability for expenditure of citizens' money.

ACTIVITY SCHEDULE

The plan will be completed by March 1984 and will consider 2 biennia (4 years: FY 1985-1988). The first revision will be due in 1988 for the 1989-92 Fiscal Years. The resource assessment (Volume 2) will be revised in 1988 and every six years thereafter. The problems, goals and strategies (Volumes 3 and 4) will be reviewed every six years and revised as needed. The operational plan (Volume 5) will be reviewed in the second year of each biennium to allow revisions based on new data, progress to date, and any changes in legislative policy or budget constraints.

REFERENCES CITED

- Minnesota Department of Natural Resources. 1980. Biennial Report, 1980-81. St. Paul, Minnesota.
- Minnesota Department of Natural Resources, 1981. Priorities for Nongame Conservation in Minnesota. 37 pp.
- Pfanmuller, Lee Ann. 1981. Priorities for nongame conservation - the public response. *The Naturalist* 34:(4) 11-15.

APPENDIX A

Nongame Program Planning Committees

A. Executive Committee:

Membership: Roger Holmes, Acting Director, Division of Fish and
Wildlife
Carrol Henderson, Nongame Supervisor
Joan Galli, Nongame Planner

B. Technical Advisory Committee:

Membership: Executive Committee members and
Lee Pfannmuller - Nongame Wildlife Program, Zoologist
Blair Joselyn - Section of Wildlife, Research
Supervisor
Roger Johnson - Section of Wildlife - Regional
Wildlife Supervisor
Barbara Coffin - Natural Heritage Program
Bruce Hawkinson - Section of Fisheries
Frank Knoke - Division of Parks
Dave Zumeta - Division of Forestry
Ray Quinn - Minnesota Environmental Education Board
Charlotte Cohn - DNR Office of Planning

C. Select Public Review Groups:

Membership: Endangered Species Technical Advisory Committee
Commissioner's Advisory Committee on Scientific and
Natural Areas Program
Minnesota Conservation Federation
Minnesota Audubon Council
Minnesota Ornithological Union
and other interest groups (see Appendix B).

APPENDIX B

List of Interest Groups

Federal Agencies

U.S. Dept. of Interior - Fish and
Wildlife Service

U.S. Dept. of Agriculture - Extension
Service, Soil Conservation Service,
Forest Service (Chippewa & Superior
National Forests, North Central Forest
Experiment Station)

National Park Service

U.S. Army Corps of Engineers

Other Government Bodies

County parks and recreation
departments

Association of County Land
Commissioners

Association of Minnesota Counties

Educational Groups

College and university natural
resource departments

Interpretive naturalists

ECOL library

Other State Entities

Legislative Commission on
Minnesota Resources

Minnesota Environmental
Education Board

Environmental Quality
Board

Private Organizations

Conservation organizations

Humane groups

Sportsmen's organizations

Professional wildlife
organizations

APPENDIX C

Outline of Planning Process

PREPLANNING - design the planning process

Action A: Develop draft concept document describing actions required to complete the plan, methods to ensure public participation, and schedule of planning activities.

RESULT: Review draft of Volume 1 - PLANNING CONCEPT.

Action B: Develop interagency information and participation scheme.

1. Establish interagency communications network and interagency agreements on scope of responsibility.
2. Establish interagency technical review team.
3. Solicit comments from key interagency personnel on draft of Volume 1.

RESULT: Interagency coordination during planning.

Action C: Develop public information and participation scheme.

1. Establish communication network.
2. Identify Select Public Review Committee.
3. Solicit public comments on draft of Volume 1.

RESULT: Public participation in planning.

Action D: Establish procedure to identify issues and incorporate public comment.

RESULT: Inclusion of public concerns in plan development.

Action E: Revision of concept document to reflect input from Action B₃, and C₃.

RESULT: Volume 1 - PLANNING CONCEPT, final version.

Action F: Secure executive approval of concept document from Division

Director and the Commissioner of Department of Natural Resources.

PREPLANNING PRODUCTS

1. Final version of VOLUME 1 - PLANNING CONCEPT, including work schedule.
2. Establishment of an Executive Committee, Technical Advisory Committee and Select Public Review Committee.
3. File of persons/organizations involved in planning process.
4. File on public comments/concerns and procedure for incorporation into plan.

PHASE I - Resource assessment and problem analysis.

Action A: Assemble existing data on resource conditions, public interest and attitude, laws, policies, funding, projection of trends in land use and recreational demands, and other relevant information.

RESULT: Data file.

Action B: Conduct assessment of current and prospective resource situation including analysis of informational needs.

RESULT: Review draft of Volume 2 - RESOURCE ASSESSMENT.

Action C: Solicit Technical Advisory Committee and public review and comment on Volume 2.

RESULT: Analysis of comments.

Action D: Revise Volume 2 to reflect comments.

RESULT: Volume 2 - RESOURCE ASSESSMENT, final version.

Action E: Compile list of problems and management concerns from review of public workshop proceedings, comments of DNR personnel comments

and existing reports. Categorize into problem areas, including discussion of cause, consequences and opportunities for resolving problems.

RESULT: Review draft of Volume 3 - PROBLEM ANALYSIS.

Action F: Solicit Technical Advisory Committee and public review and comment on Volume 3. Establish criteria for ranking problems, include ranking to reflect priority for management action.

RESULT: Analysis of public comment.

Action G: Revise Volume 3 to reflect public comment and ranking of issues.

RESULT: Volume 3 - PROBLEM ANALYSIS, final version.

PHASE I PRODUCTS

1. RESOURCE ASSESSMENT - VOLUME 2.
2. PROBLEM ANALYSIS - VOLUME 3.

PHASE II - Develop goals and objectives for the Nongame Wildlife Program.

Action A: Develop preliminary statement of Program goals,

RESULT: Interim report on goals.

Action B: Circulate interim report to Technical Advisory Committee, Select Public Review Committee and agency personnel for evaluation and ranking.

RESULT: Preliminary statement of goals.

Action C: Develop alternative strategies for goal attainment, including an analysis of their outputs, impact and tradeoffs. Combine with revised list of goals.

RESULT: Review draft of Volume 4 - GOALS AND STRATEGIES.

Action D: Submit review draft of Volume 4 to PERT for review.

RESULT: Revised review draft of Volume 4.

Action E: Obtain broad public review of Goals and Strategies volume including delineation of each reviewer's preferred strategies

RESULT: Analysis of public preference for management strategies.

Action F: Revise strategies document to reflect public input.

RESULT: Volume 4 - GOALS AND STRATEGIES, final version

PHASE II PRODUCTS

1. GOALS AND STRATEGIES - VOLUME 4.

PHASE III - Develop Nongame Wildlife Program operational plan.

Action A: Allocate responsibility for implementation of strategies among various Division or departmental programs based on resource capabilities, legal authority and budgetary and personnel constraints.

RESULT: Working paper for review by Technical Advisory Committee and public review.

Action B: Based on responsibility defined in A, outline specific actions, deadlines and budgets, assign personnel needed to implement strategies and obtain objectives.

RESULT: Review draft of Volume 5 - OPERATIONAL PLAN.

Action C: Submit draft for Technical Advisory Committee and public review.

RESULT: Analysis of review comments.

Action D: Revise plan to consider comment.

RESULT: Volume 5 - OPERATIONAL PLAN.

Action E: Prepare report on policy, and recommended law, budgetary or

organizational changes needed to implement operational plan.

RESULT: Written report on recommendations.

Action F: Submit Volume 5 and associated recommendations to PERT and

Commissioner for approval and implementation authorization.

RESULT: Approval to implement operational plan.

Action G: Define criteria and assign responsibility for monitoring

success of implementation.

Action H: Initiate activities outlined in Plan for Management of

Nongame Wildlife in Minnesota.

PHASE III PRODUCTS

1. OPERATIONAL PLAN - VOLUME 5

APPENDIX D

Participation Forms

1. Comment on Volume 1
2. Problems Questionnaire

Plan for Management of Nongame Wildlife in Minnesota

Volume 1 - Plan Concept

Comment Form

The following are my comments on Volume 1 of the Plan for Management of Nongame Wildlife in Minnesota:

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_____ I am interested in participating in review of future documents. Please retain my name on the mailing list.

_____ I am not interested in further participation. Please remove my name from the mailing list.

Name: _____

Date: _____

Address: _____

Agency/Organization _____

City/State: _____ Zip: _____

Phone: () _____

Submit by Jan. 25, 1983 to Roger Holmes, Acting Dir.,
Div. Fish & Wildlife, Box 7, Centennial Building,
658 Cedar St., St. Paul, Mn 55155

Nongame Wildlife Problems

1. Please indicate any problems involving nongame wildlife in Minnesota. Also indicate which nongame species you feel need attention.

Birds _____

Mammals _____

Reptiles/Amphibians _____

Other _____

2. Please indicate areas of concern such as habitat loss, drainage, or development in habitats of your area, as they relate to nongame concerns.

Forest _____

Agricultural _____

Prairie _____

Wetland _____

Urban _____

3. Considering the problems that you have outlined above, which types of programs could best address the problems? Management, education, rehabilitation, research and acquisition are examples of programs which could be implemented.

4. Do you have any comments or ideas which you would like to add?

5. How would you like to participate in the Nongame Program?

Your name: _____

Address: _____

State: _____ Zip: _____

RETURN FORM TO:

Nongame Wildlife Program

Section of Wildlife, Box 7

Centennial Building

658 Cedar Street, St. Paul, MN 55155

Please feel free to use additional sheets for your comments.