

ILLINOIS WILDLIFE PRESERVATION FUND

Small Project Proposal FY96 (July 1995 - June 1996)

1. Project Title: The Organization of the Inventory sampling data

2. Submitted by: Name (Dr., Mr., Mrs., Ms.) Michael D. Jones

Affiliation _____

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City, State, Zip Rockford, Ill. 61104

3. Contact Person: (Dr., Mr., Mrs., Ms.) Michael D. Jones 4. Phone Number: (815) 963-1530

5. I request \$ 1000.00 in funding from the Wildlife Preservation Fund.

6. PROPOSAL CATEGORY (*For Staff Use Only*)

Management

Site Inventories

Education

7. Project Justification: The original data sheets are hand written in pencil and are beginning to fade. This information will be very useful for determining the species composition needed for specific restoration projects. With the detailed information contained in a computer database one can easily retrieve the species composition of prairies by soil type, quality, and prairie type. This information could be arranged by county, natural division, stream corridor, or all of northwest Illinois and eventually the entire state. With the data contained in this database the floristic changes can be established that separate high-quality prairie remnants (grade A&B from lower-quality prairie remnants (grade C,D&E). With a more precise grading system, the Established, legal protection forendangered and threatened communities, similar that given plant and animals, could be looked into. This base line data can be easily manipulated in hundreds of different ways for data analysis, such as changes to natural areas resulting from either management or non management.

8. Project Objectives: To enter into a computer database the sampling data from the high quality prairies identified by the Illinois Natural Areas Inventory in Northwest Illinois. With the flexibility provided by a computer database researchers and managers of natural areas will find this a very useful tool. A disk will be provided with this data to be imported into other databases or spreadsheets.

9. Project Methodology: To enter data gathered from the high quality prairies identified by the Illinois Natural Areas Inventory into Paradox under the following fields: Species name, Species number, Transect, Number of quadrats on transect, Number of quadrats that contain each species, Frequency for each species, Relative frequency, Area name, INAI site number, Inve Date done, County, Legal location, Natural division, Stream Corridor, Size of Prairie, Prairie type, Prairie grade, Soil type, and Mark the species found in each quadrat.

10. Project Location (city, county, etc.): Fifty-one sites located in Boone, Bureau, Carroll, DeKalb, Henry, Jo Daviess, LaSalle, Lee, Ogle, Rock Island, Stephenson, Whiteside, and Winnebago.

Budget:

11. Illinois Wildlife Preservation Funds Requested:

Labor \$1000.00 Travel _____
Equipment _____ Commodities _____
Contractual _____ Other _____

SUBTOTAL \$ 1000.00

12. Funds You Will Provide:

SUBTOTAL \$ 800.00

13. TOTAL COST OF PROJECT \$ 1800.00

15. Does your project involve endangered or threatened species () yes (X) no collecting protected species () yes () no a nature preserve () yes (X) no Department of Conservation property(ies) () yes (X) no If you answer yes to any of the above, complete the appropriate permit application.

15. You may wish to attach more detailed documents to assist the Committee in their decision making.

Attached are the following:

- Detailed Budget
- Map of Project Area
- Detailed Proposal
- Professional Vitae
- Relevant Publications
- Other

16. Mail completed application form to: Natural Heritage Division Department of Conservation 524 South Second Street Springfield, IL 62701-1787