Final report: "GIS mapping and data base linkage for INAI prairies and wetlands in the Chicago Region of Illinois."

Contact Person:

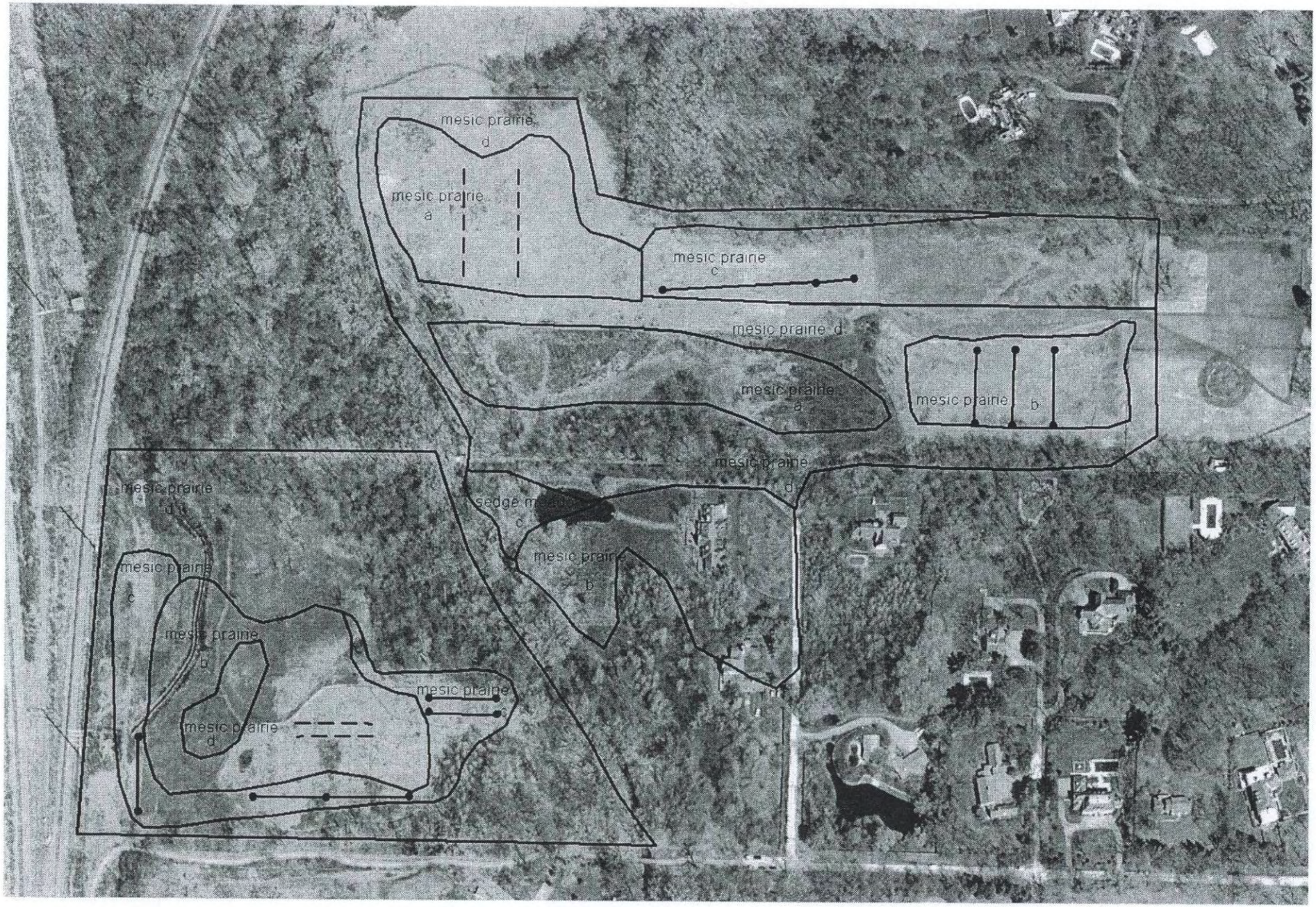
Marlin L. Bowles
The Morton Arboretum
4100 Illinois Route 53
Lisle, IL 60532
Telephone Number: 630/719-2422
E-Mail Address: mbowles@mortonarb.org
Alternate Telephone Number: 630/719-7960
Contractor Name: The Morton Arboretum

Description:

This project provided GIS map files and a data base linkage for extant prairies and wetlands originally described and sampled by the Illinois Natural Areas Inventory in the Chicago region of Illinois. These maps and data cover INAI sites in McHenry, Lake, Kane, Dupage, Cook & Will counties. During 2001 and 2002, The Morton Arboretum revisited these sites and re-sampled all transect locations that remained extant. This resulted in data sets from 84 natural communities sampled on 68 sites; 25 transect locations had been destroyed or significantly altered. The original INAI mapped all natural communities and sampling transects on 1:7920 scale overlays of ASCS aerial photographs.

We digitized overlays for the remaining extant communities, including natural community boundaries and transect locations. We used ArcView software, which provided geo-referenced shape files that can be accessed by ArcView, or ArcMap software. We also provided map linkages to spreadsheets containing the 1976 and 2001-02 sampling data, which will be readable by either Excel or by QuatroPro software. This data base included analysis of species richness statistics, as well as plot frequencies and relative abundance for all species and species groups.

Meta data are provided as a separate file.



Shaw Prairie