



Illinois Department of Natural Resources

Rod R. Blagojevich, Governor

One Natural Resources Way • Springfield, Illinois 62702-1271
<http://dnr.state.il.us>

To: Kathy Barker

From: Ben L. Dolbeare

Date: January 9, 2006

Subject: Payment for EOR searching contract.

Bryan Cross has fulfilled the conditions of his contract with IDNR in searching for, locating, mapping and GPSing endangered and threatened plant species not reported for the past ten years. All requested data collected has been received by me and I approve payment for fulfillment of the contract. A summary of his efforts are attached.

I have retained one copy of the data accumulated during the study and I have passed the second copy on to the Natural Heritage Data Base group for incorporation into the Natural Heritage Data Base on threatened and endangered plants.

Please honor the attached request for payment.

October 23, 2005

Ben Dolbeare
Conservation Coordinator
Illinois Department of Natural Resources
Office of Resource Conservation/Operations
One Natural Resources Way
Springfield, IL 62702-1271

Re: project #05-L19W
Updating Historical Plant Species Records

Dear Mr. Dolbeare,

Please find attached the documentation for all sites investigated while completing the tasks outline in the agreement. Please note that only two dates are represented on the EOR sheets; however, fieldwork was conducted over a two month period. The two dates simply separate roadside and hill prairie locations. One additional note; the top of the page is north on all aerial photographs.

During the months of September and October of 2005, areas were investigated to determine the presence or absence of plant species listed by the State of Illinois as Threatened or Endangered. The locations selected were located in Region IV (includes Cass, Mason, Morgan, Pike, Calhoun, and Adams Counties). The primary purpose of the investigations was to update Element Occurrence Records (EOR) that were more than 10 years out of date. The investigations encompassed two general types of habitats; roadside areas throughout Region IV and hill prairies located along the eastern bluffs of the Mississippi River within Pike County.

The historical EOR data sheets for Region IV were provided by the Illinois Department of Natural Resources (IDNR). Aerial photography, 7.5 minute topographic maps, and road maps were used to locate the areas described on the EOR sheets prior to field investigation. Additionally, new locations were investigated around several of the historical sites that generated new EOR locations. Data sheets were completed for all historical and new sites investigated. Locations of threatened or endangered species were captured using a handheld Global Positioning System (GPS). Photographs were taken of each site that was investigated and submitted with the data sheets.

The project generated more than thirty updated or new EOR data sheets, which involved a total of nine species: *Agalinis skinneriana*, *Asclepias stenophylla*, *Boltonia decurrens*, *Echinodorus tenellus*, *Fimbristylis vahlii*, *Hypericum adpressum*, *Schoenoplectus hallii*, *Stylisma pickeringii*, and *Tomanthera auriculata*. If you have any questions regarding the work performed please do not hesitate to ask. Thank you.

Sincerely,



Bryan Cross
Environmental Scientist

The submittal of this report should fulfill all obligations and this cover letter shall act as an invoice for the full amount of compensation (\$3,570.00) as described in the agreement.

Name

Bryan Cross
21 Dell Dr
Springfield, IL 62712

SSN

359-76-7690

Job # / Name

05L19W
Updating of historical plant species records contained in the natural heritage database

Description of services rendered

Updating + additional EOR sites; full compensation for contract award (\$3,570).