



IN REPLY REFER TO:

United States Department of the Interior

NATIONAL PARK SERVICE

HERBERT HOOVER NATIONAL HISTORIC SITE

P.O. BOX 607

WEST BRANCH, IOWA 52358-0607



November 10, 1999

N16(HEHO)

Memorandum

To: Water Resources Division

Attention: Steve Fancy

From: Chief Ranger, Herbert Hoover NHS

Subject: Additional Resources for Species Occurrence

As requested in the Vital Signs memorandum of October 22, Herbert Hoover NHS is submitting the enclosed documents.

The enclosed materials are post-1992 studies that may provide additional information on species occurrence. An additional listing of exotic species from 1985 was also discovered, and is included should it be of assistance.

Attached to this memorandum is a copy of the materials you should already have. If you do not have hard copies of any materials on this list, please feel free to contact me.

Dan Banta

Enclosures

RECEIVED

JUL 20 1989

Herbert Hoover NHS

Dr. Steven Kesselman
Park Superintendent
Herbert Hoover National Historic Site
P.O. Box 607
West Branch, IA 52358

COPY

July 17, 1989

Dear Dr. Kesselman:

I would like to thank you and your staff again for cooperating with Dr. Stubbendieck and I on the exotic species project. We look forward to meeting with you on July 28! Please let me know if these dates are inconvenient for you or your staff; my telephone numbers are listed below.

Enclosed is an updated list of exotic species known to occur within the park. The nomenclature follows the Flora of the Great Plains (1986). As I mentioned in my initial letter to you, we would like to determine which of these species could be considered as disruptive. If possible, please look this list over and note any species which you currently consider disruptive or are attempting to control. We plan on discussing the impact and present control measures of these disruptives with you next week. Thank you again for your participation!

Sincerely,



Theresa R. Flessner
(402)472-1953 or (402)472-1596

enc.

Herbert Hoover National Historic Site
Exotic Species List

Echinochloa sp. barnyard grass
Poa pratensis L. Kentucky bluegrass
Bromus japonicus Thunb. ex Murr. Japanese brome
Bromus inermis Leyss. subsp. inermis smooth brome
Setaria glauca (L.) Beauv. yellow foxtail
Setaria viridis (L.) Beauv. green foxtail
Setaria faberi Herrm. Chinese foxtail
Agropyron repens (L.) Beauv. quackgrass
Phleum pratense L. timothy
Taraxacum officinale Weber common dandelion
Lactuca serriola L. prickly lettuce
Ambrosia trifida L. giant ragweed
Cirsium arvense (L.) Scop. Canada thistle, field thistle
Convolvulus arvensis L. field bindweed ?
Solanum dulcamara L. climbing nightshade, bittersweet
Abutilon theophrasti Medic. velvet-leaf
Trifolium spp. clover
Trifolium hybridum L. alsike clover
Ulmus pumila L. Siberian elm
Hibiscus trionum L. flower-of-an-hour, Venice mallow
Kochia scoparia (L.) Schrad. kochia, fire-weed
Chenopodium album L. lamb's quarters
Malva neglecta Wallr. common mallow
Morus sp. mulberry
Pastinaca sativa L. wild parsnip

Thlaspi arvense L. field pennycress

Portulaca oleracea L. common purslane

Polygonum sp. smartweed

Melilotus sp. sweet clover

Brassica campestris L. wild turnip