Natural Heritage & Endangered Species Program

Please submit field forms, a copy of a USGS map, and all supporting documentation to the State Botanist at:

Massachusetts Natural Heritage
and Endangered Species Program
Division of Fisheries & Wildlife
Route 135
Westborough, MA 01581
(508) 792-7270 ext. 200

RARE PLANT OBSERVATION FORM

Species Scientific Name: Symphyotrichum prenanthoides [= Aster p.]

NHESP Element Occurrence Number (if known):

Observation Date(s): 16 September 1998

USGS Quad Name and Series (7.5"x7.5" or 15"x15"): Pittsfield East (1:25,000)

County: Berkshire Town: Lenox

Directions to location of observations (please attach USGS map): South of New Lenox road to southeast portion of field, walk South along trail in woods that parallels RR track about 0.25 km, Short distance South of a Metal Pipe across trail, on east side of trail. Field is located west of Canoe launch at a Pump Station. (N4694120 — E 0644500)

Habitat: (Describe plant communities, associated vegetation, physical characteristics, geological features and surrounding land use. Are other rare species present?) Early successional forest / floodplain forest in area, with numerous agricultural fields. Trail passes through forest, and dominant herbs of site include Symphyotrichum cordifolium, Onoclea sensibilis, Athyrium felix-femina. Prunus virginiana is dominant shrub.

Areal Distribution, Numbers, Phenology

Population found: X No. of mature plants: 60

not found: No. of immature plants:

Presumed extirpated: No. of plants age unknown:

(give reasons under "Comments")

Population area: 8 x 3 meters

Percent of population in leaf: 20% bud: flower: 80%

with immature fruit: mature fruit: senescent:

Observations of floral visitors, fruit dispersers: None

Vigor of individuals and population: Vigorous and appearing healthy

Evidence of expansion or decline: None observed

Have you observed this species at this site in previous years? Please give details: No

Site Physiography

Elevation: 295 meters

Topographic position	Aspect	Slope	Light	Moisture
crest ___	N ___	0-20 X	open ___	inundated ___
upper slope ___	E ___	20-45 ___	filtered X	wet ___
mid slope ___	S ___	45-75 ___	shade ___	mesic X
lower slope ___	W ___	vert. ___		dry ___
bottom X	Flat X			xeric ___

Soil types: unknown

Surficial rock types (with percent of ground covered): none

Bedrock/parent material: unknown

Surficial water (distance away): ½ 100 meters Source: Housatonic River

Management / Ownership

NHESP Site Name (if any): ___ Managed Area: ___

Comments/Management recommendations: ___

Disturbance or threats (natural or unnatural) to population: ___

Owner's Name: Housatonic River Valley State WMA Telephone: ( ) ___

Address: ___

Owner Comments: ___

Observer Information

Observer's Name: Arthur Haines Telephone: (207) 729-1199

Address: Woodlot Alternatives, Inc. 122 Main Street, Number 3 Topsham, ME 04086

Plant ID by: Arthur Haines

Specimen # & Herbarium: Will be deposited at the Harvard Herbaria

Element Occurrence (EO) Summary (Circle one choice in each category)

EO Quality: (How representative is this occurrence? Consider the size and productivity of the population and the vitality and vigor of the individuals.)

A - Excellent (B) - Good C - Marginal D - Poor

Comments: healthy and vigorous

EO Condition: (Is the habitat supporting the EO pristine or degraded? Is there a potential for the habitat to recover from disturbances? A - Excellent B - Good (C) - Marginal D - Poor

Comments: Area has been cut and numerous exotic shrubs found along field and trail edges.

EO Viability: (What are the long-term prospects for continued existence of this occurrence at the indicated level of quality?) A - Excellent B - Good (C) - Marginal D - Poor

Comments: ___

EO Defensibility: (Can this occurrence be protected from extrinsic human factors?)

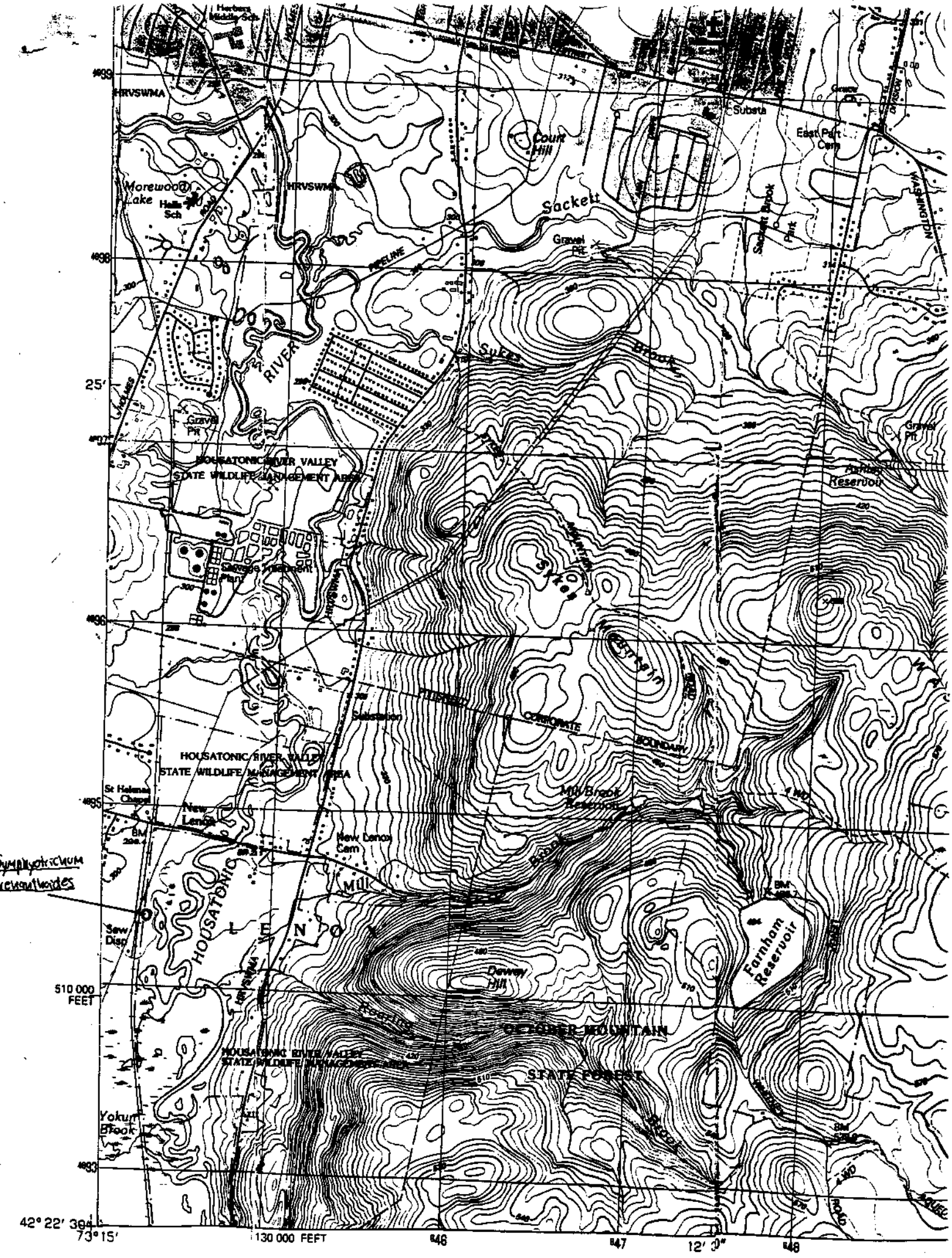
A - Excellent B - Good (C) - Marginal D - Poor

Comments: fields, trails, and RR all in viscinity, plants easily trampled or driven on by ATV

EO RANK: (A summary of all factors listed above.) A - Excellent B - Good (C) - Marginal D - Poor

Comments: ___

Signature: ___ Date: ___



HRVSWMA
Morewood Lake
Hills Sch
Court Hill
Sackett
Gravel Pit
PIPELINE
Sykes Brook
RIVER
Substa
East Part Cem
Sackett Brook Park
WASHINGTON
Gravel Pit
Ashley Reservoir
HOUSATONIC RIVER VALLEY STATE WILDLIFE MANAGEMENT AREA
Sewage Treatment Plant
Sykes Mountain
Substation
CORPORATE BOUNDARY
HOUSATONIC RIVER VALLEY STATE WILDLIFE MANAGEMENT AREA
St Helenas Chapel
New Lenox
New Lenox Cem
Mill Brook Reservoir
Mill Brook
Sew Disp
HOUSATONIC
LENOX
Dewey Hill
Farnham Reservoir
OCTOBER MOUNTAIN STATE FOREST
HOUSATONIC RIVER VALLEY STATE WILDLIFE MANAGEMENT AREA
Yokun Brook
25'
510 000 FEET
42° 22' 30"
73° 15'
130 000 FEET
12' 0"