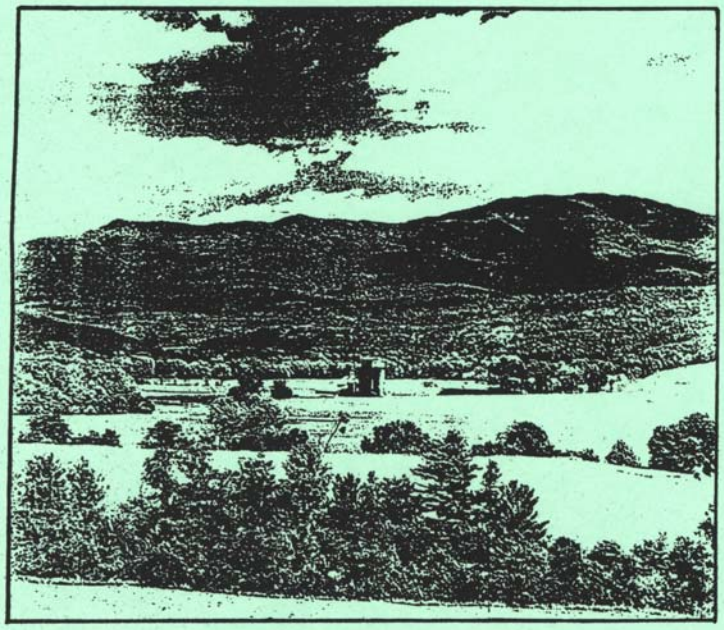
THREATENED AND ENDANGERED PLANT AND ANIMAL SPECIES OF VERMONT THAT MAY OCCUR ON SOIL CONSERVATION SERVICE PROJECT SITES.



Compiled For The Soil Conservation Service
By Craig Richardson, Intern
May, 1994

PLANTS - DRYER AREAS

Most Distinctive Habitat	Species (index number)	Other Habitat Characteristics
Sandplains:	Harsh sunflower (1)	Dry open woods.
	Yellow panic-grass (2)	Open disturbed sands.
	Blunt-leaved milkweed (8)	Disturbed areas.
	Low bindweed (9)	Dry open woods.
	Wild lupine (15)	Open.
	Plains frostweed (17)	
	Hay sedge (24)	Open sands.
	Muhlenberg's sedge (27)	Dry open woods.
	Houghton's sedge (29)	
	Hairy lettuce (37)	Open woods.
Dry Open Sands:	Green's rush (18)	
Grassy Rivershores:	Great St. John's wort (35)	Floodplain forests.
	Tubercled orchid (14)	Cobble, open scoured lands (ice or flood).

PLANTS - WETTER AREAS

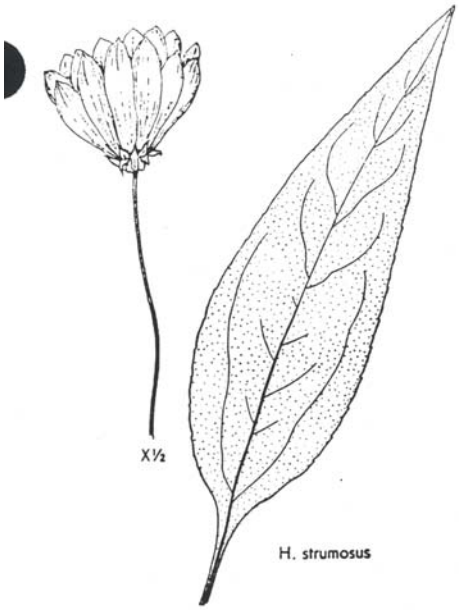
Flood-Plain Forest:	Wild garlic (5)	Allevium, low woods.
	Green dragon (44)	
Open Water:	Sharp manna-grass (3)	Wetlands, vernal pools, or muddy pools.
	Mare's tail (7)	Lakes, marshes, or shallow ponds.
Bogs and Fens (peatlands):	Arethusa (1)	Open.
	Pod-grass (20)	Open.
	Creeping sedge (23)	
	Pale sedge (26)	Primarily fens.
Swamps:	Fairy slipper (11)	Mature cedar swamps.
	Ram's head lady slipper (12)	Cedar swamps, damp or mossy woods.
	White adder's mouth (13)	Calcareous, cedar, and red maple swamps.
	Sheathed sedge (28)	Cedar swamps.
	Bog wintergreen (34)	Calcareous, fens, and cedar bogs.
	Marsh valerian (36)	Cedar swamps, fens, and open water.

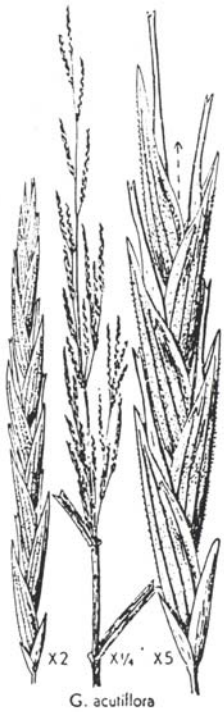
hores:	Marsh horsetail (4)	Edges of lakes, rivers, and marshes.
	Autumn fimbristylis (31)	Edges of shady ponds.
Calcareous Riverside Seeps:	Sticky false asphodel (6)	Surface bedrock seeps.
	Birds-eye primrose (16)	Cliffs and seeps (Northeast Kingdom).
	Capillary sedge (22)	Disturbed seeps, swail areas of wet meadows.
	Garber's sedge (25)	Seeps.
	Few-flowered spike rush (30)	Seeps, fens
Wet Meadows:	Buxbaum's sedge (21)	Abandoned agricultural land.
	Barbed bulrush (32)	Water's edge, marshes, and beaver meadows.
	Many-leaved bulrush (33)	Low wet areas.
Disturbed Wet Sites:	Torrey's rush (19)	Abandoned agricultural land, ditches and marshes.

ANIMALS

Species (index number)	Range	Habitat
Spotted Turtle (38)	Extreme southern Vermont	*Unpolluted shallow waters. Especially: woodland streams, wet meadows, bogs, fens, small ponds, marshes, and swamps. Prefers areas with aquatic vegetation.
Striped Chorus Frog (39)	Grand Isle County (Alburg)	*Small cattail wetlands.
Henslow's Sparrow (40)	Vermont	*Dense herbaceous vegetation. Moist or dry grasslands with scattered weeds and shrubs.
Sedge Wren (41)	Vermont	*Sedge meadows. Shallow sedge marshes with scattered shrubs and little or no standing water.
pland Sandpiper (42)	Vermont	*Wide open pastures or fields.
ggerhead Shrike (43)	Vermont	*Open pastures with thorny trees or dense thorny hedge rows.

Pictoral Index of Species Included in This Key.





1. Harsh sunflower
   Helianthus strumosus
2. Yellow panic-grass
   Panicum xanthophysum
3. Sharp manna-grass
   Glyceria acutiflora
4. Marsh horsetail
   Equisetum palustre
5. Wild garlic
   Allium canadense
6. Sticky false-asphodel
   Tofieldia glutinosa

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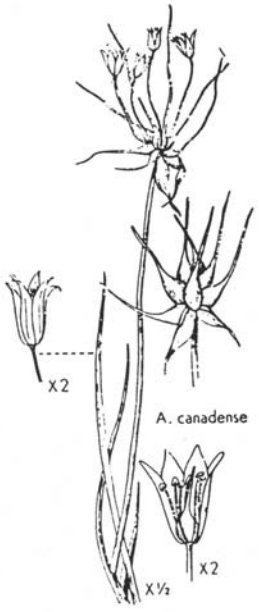
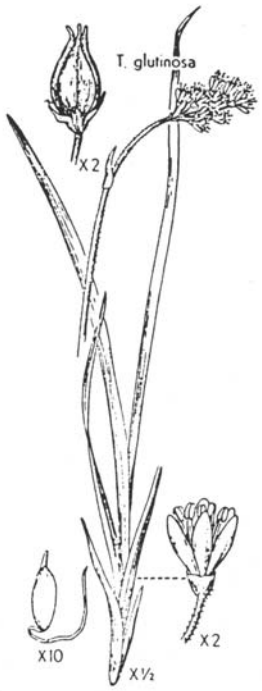
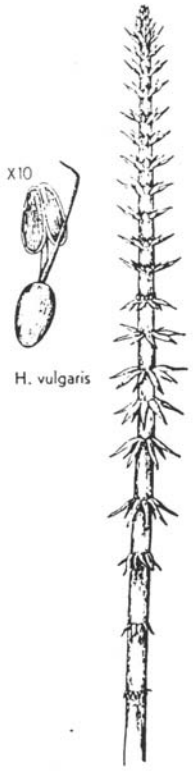
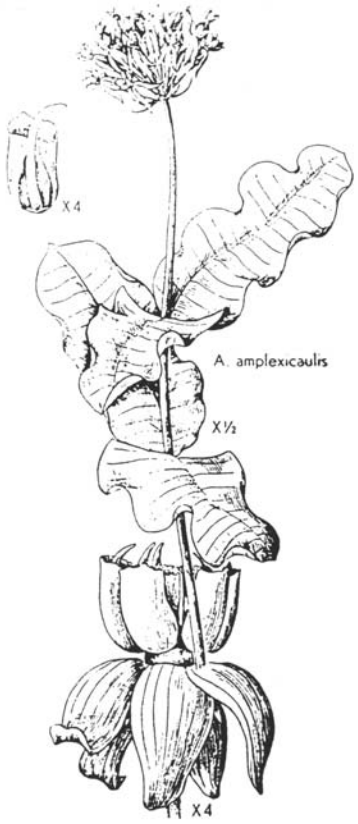








7. Mare's tail
Hippuris vulgaris

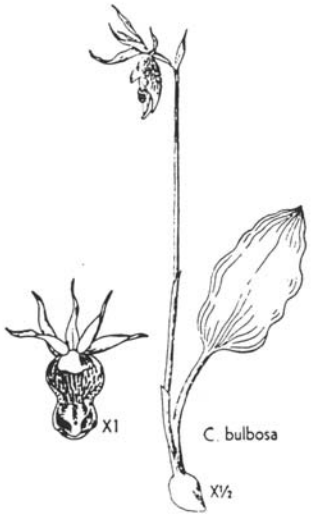
8. Blunt-leaved milkweed
Asclepias amplexicaulis

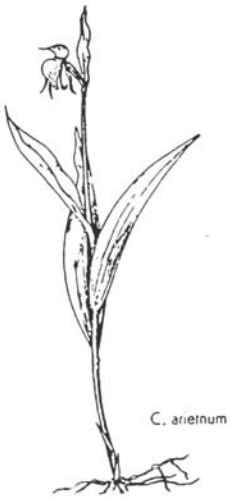
9. Low bindweed
Convolvulus spithamaeus

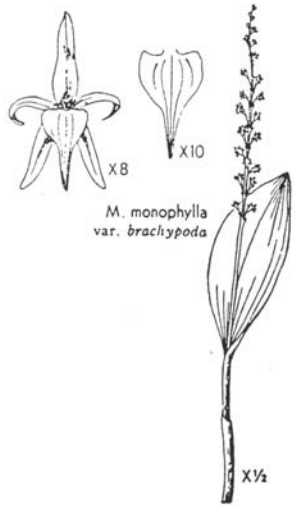
10. Arethusa
Arethusa bulbosa

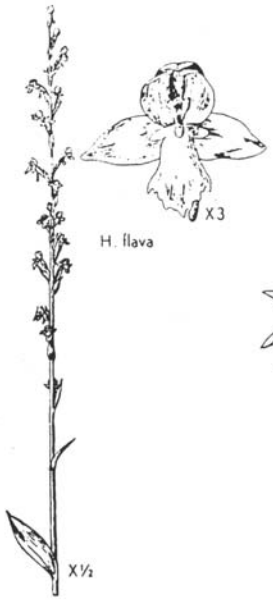
11. Fairy slipper
Calypso bulbosa

12. Ram's head lady slipper
Cypripedium arietinum









13. White adder's mouth
Malaxis brachypoda

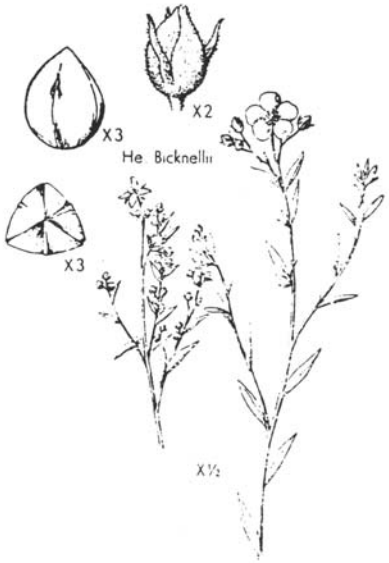
14. Tubercled orchis
Habenaria flava

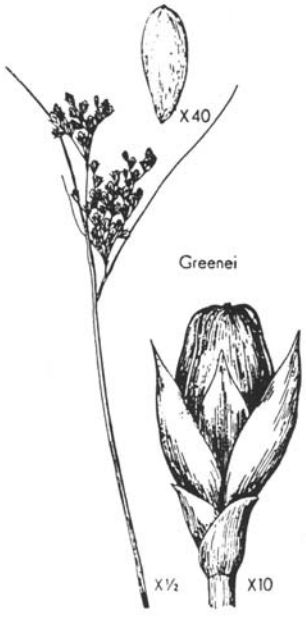
15. Wild lupine
Lupinus perennis

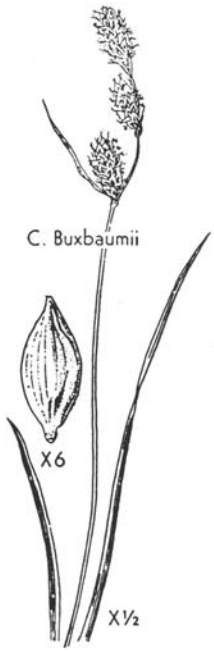
16. Bird's-eye primrose
Primula mistassinica

17. Plains frostweed
Helianthemum bicknellii

18. Greene's rush
Juncus greenei







19. Torrey's rush
Juncus torreyi

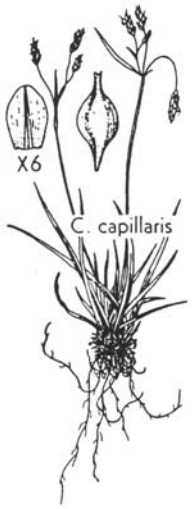
20. Pod-grass
Scheuchzeria palustris

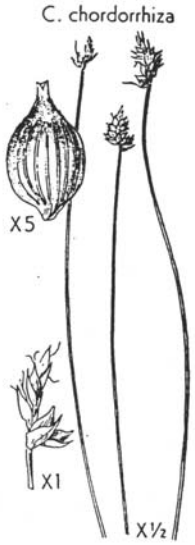
21. Buxbaum's sedge
Carex buxbaumii

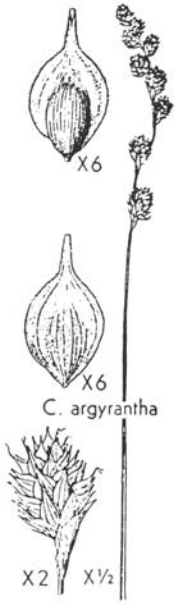
22. Capillary sedge
Carex capillaris

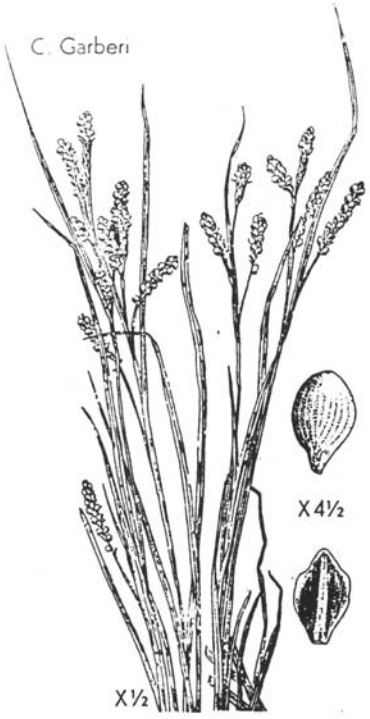
23. Creeping sedge
Carex chordorrhiza

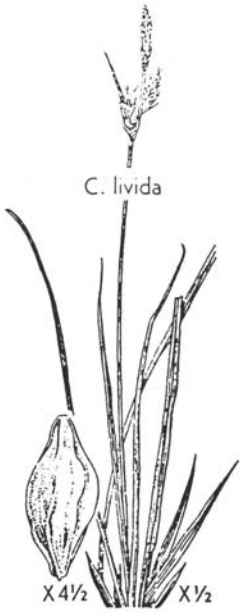
24. Hay sedge
Carex argyrantha

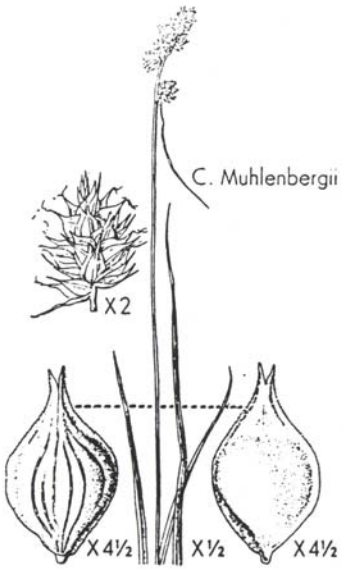












25. Garber's sedge
Carex garberi

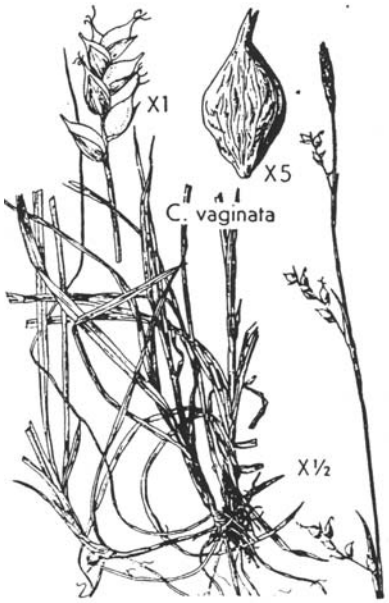
26. Pale sedge
Carex livida

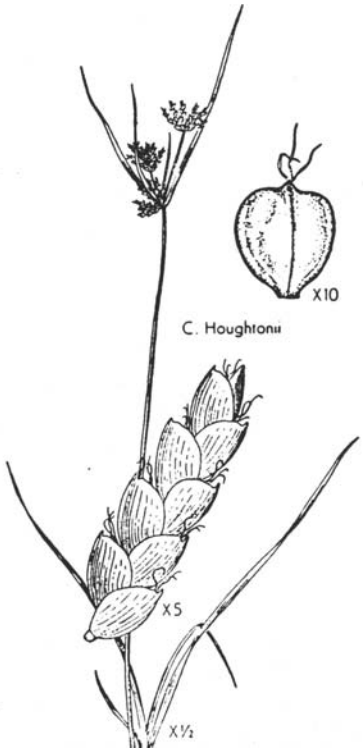
27. Muhlenberg's sedge
Carex muhlenbergii

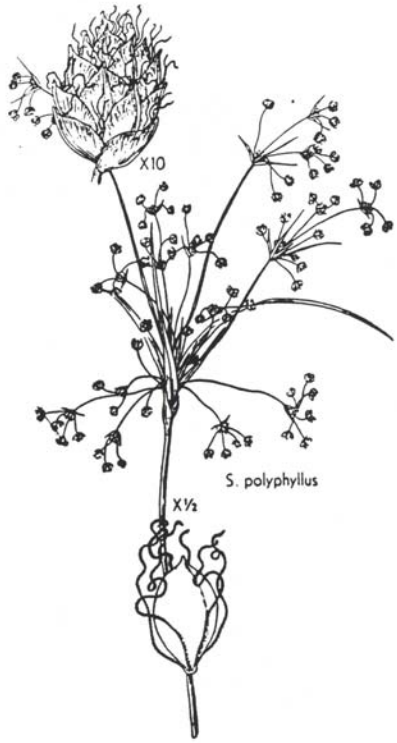
28. Sheathed sedge
Carex vaginata

29. Houghton's sedge
Cyperus houghtonii

30. Few-flowered spike rush
Eleocharis pauciflora







31. Autumn Fimbristylis
Fimbristylis autumnalis

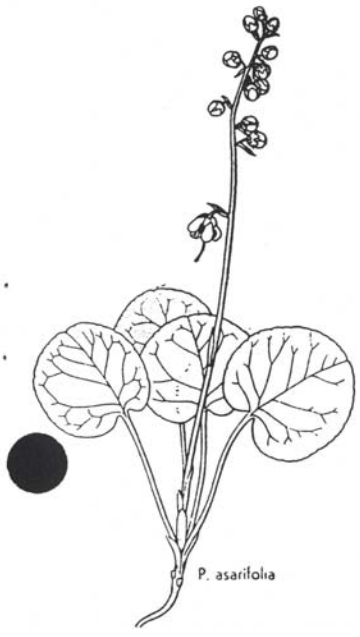
32. **Barbed bulrush**
Scirpus ancistrochaetus

33. Many-leaved bulrush
Scripus polyphyllus

34. Bog wintergreen
Pyrola asarifolia

35. Great St. John's wort
Hypericum ascyron

36. Marsh valerian
Valeriana uliginosa



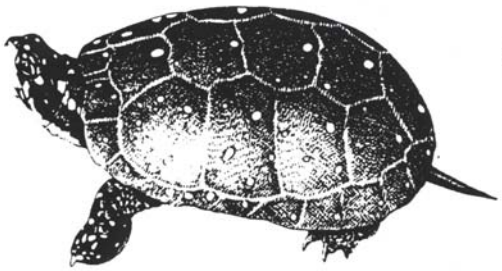
V. uliginosa
resembles *V. dioica*

37. **Hairy lettuce**
Lactuca hirsuta

38. Spotted turtle
Clemmys guttata

39. **Striped chorus frog**
Pseudacris triseriata

40. Henslow's sparrow
Ammodramus henslowii



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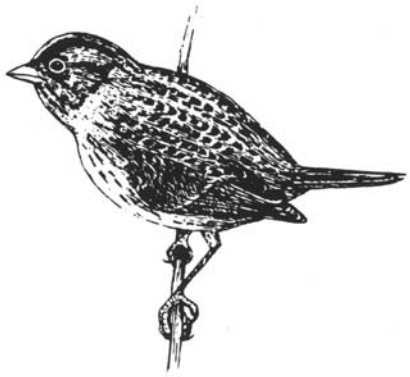

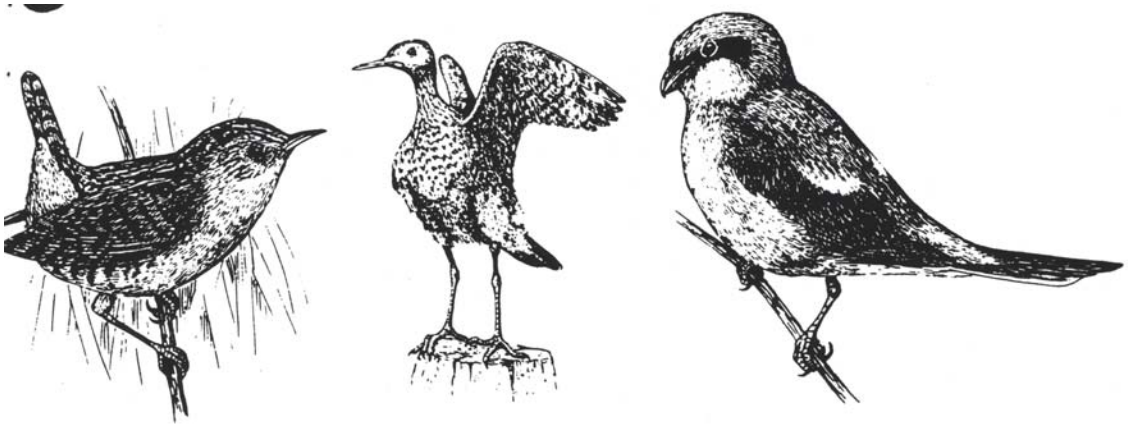

41. Sedge wren **Cistothorus platensis**
42. Upland sandpiper **Bartramia longicauda**
43. Loggerhead shrike **Lanius ludovicianus**

44. Green Dragon **Arisaema dracontium**

Illustration Credits

Gleason, H. A., 1952. The New Britton and Brown Illustrated Flora of The Northeastern United States and Adjacent Canada. The Lancaster Press, Lancaster, PA.

De Graaf, R.M., and D.D. Rudis. 1986. New England Wildlife: Habitat, Natural History, and Distribution. General Technical Report, NE-108. U.S.D.A. Forest Service. Broomall, PA.