MAP REPORT FORM

Scale 1:100,000

Map Name: Ogdensburg NE State(s): New York

MAP PREPARATION

Photography Used:

Emulsion	Scale	Date	Percent Coverage
1. Black + White Panchromatic	1:80,000	4/7/81	75%
2. "	1:80,000	5/7/81	25%
3.			

Field Check Dates:

1. October 5-7, 1981
2. July 6-8, 1982
3.

Contractor(s) for Photo Interpretation:

1. Massachusetts Remote Sensing Project, University of Massachusetts, Amherst Mass. 01003
2.
3.

Collateral Data Used:

1. U.S.G.S. topographic sheets
2. Franklin Co. Soil survey (partial)
3. DEC - NY wetlands maps
4.
5.
6.
7.
8.

GEOGRAPHY

General Location:

Northern New York State, bordering the St. Lawrence River
Longitude 75° east to 74°
Latitude 45° south to 44°30′

Bailey's Ecoregion Classification and Description:

1. Bailey* classifies this area as part of the Northern Hardwoods section of the Laurentian Mixed Forest Province. The southeastern section of the work area, within the Adirondack State Park, is classified as "open
2. low mountains". The lower half of the work area (cut at an angle from SW to NE corner) is Eastern Highland, Adirondack - New England Highlands. The northern half is classified as Interior Middle Western Upland Plain. Winters are moderately long and severe, with average
3. temperatures ranging from 35°- 50°F. Snow is usually on the ground all winter. Frost free season lasts from 100-140 days. Precipitation
4. ranges from 24-45 inches, most of it occurring in summer.

Hammond's Land Surface Form and Physical Subdivision:

1.

2.

3.

4.

* Bailey, Robert G. 1978. Descriptions of the Ecoregions of the United States. Forest Service, U.S.D.A., Ogden Utah. 77 pp.

WETLAND COMMUNITIES

Trip 1

MAP SYMBOLS	LOCAL NAME	DOMINANT VEGETATION	WATER REGIME
1) A PSS1	Alnus sp. dom., Carex sp.		Eb
B PSS3	Chamaedaphne calyculata dom., Kalmia polifolia + angustifolia, Sphagnum spp.		Ba
2) PF04	Chamaecyparis thyoides / Picea mariana codom., Alnus sp., Sphagnum spp.		B
3) PSS3/2	Chamaedaphne calyculata / Larix laricina codom., Ledum groenlandicum		Ba
4) PEM5	Carex sp. dom., Chamaedaphne calyculata, Pyrus melanocarpa, Sphagnum spp.		B
5) PSS1/EM5	Alnus sp. / Calamagrostis sp. codom., Glyceria sp.		Eb
6) PSS1	Alnus sp. dom., Solidago rugosa, Impatiens capensis, Ulmus sp.		C
7) PF01	Ulmus americana, Salix nigra codom., Alnus sp., Solidago sp., Fragaria virginiana		A
8) PF01/SS1	Ulmus americana / Alnus sp. codom.		A
9) PF01	Ulmus americana ~~codom.~~, Alnus sp., Spirea latifolia, Fraxinus sp.		B
10) ↓			
11) A - PF01	Acer rubrum dom., Ilex verticillatus, Carex sp., Betula populifolia		E
B - PF01/SS1	Acer rubrum dom., Alnus sp, Onoclea sensibilis, Ilex verticillata		E
12) PSS1/EM5	Scirpus cyperinus / Spirea tomentosa codom., Glyceria sp., Spirea latifolia		Bd
13) PF01/SS1	Ulmus americana, Alnus sp., Acer rubrum codom., Scirpus cyperinus		E
14) A. PSS3/1	Chamaedaphne calyculata / Alnus sp. codom., Salix spp., dead Picea, Acer		Ba
B PSS1/EM5	Salix sp. / Spirea latifolia / Glyceria sp. codom., Scirpus cyperinus		Eb
15) PSS1/EM5	Alnus sp. / mixed emergents codom., Calamagrostis sp., Sambucus sp.		E
16) PSS1/EM5	Alnus sp. / Calamagrostis sp. codom., Carex sp.		E
17) A - PSS1	Alnus sp.		E
B - PF04/2	Picea mariana / Larix laricina		B
18) PSS1/EM5	Alnus sp. / Calamagrostis sp. / Carex sp. codom. Spirea latifolia		E
19) PEM5	Carex spp. (2) dominant, Salix interior, Calamagrostis sp., Alnus sp.		E
20) PF04	Picea mariana / Abies balsamea codom., Sphagnum spp.		B
21) A - PSS3/EM5	Chamaedaphne calyculata / Scirpus cyperinus / Carex sp codom		Bb
B - PSS1	Alnus sp.		E
22) L2EM3	Zizania aquatica dom., Typha lat folia + Scirpus cyperinus on edge		H
23) PEM5	Typha latifolia		E
24) PSS1	Salix interior		B
25) PF01	Acer saccharinum dom., Onoclea sensibilis, Osmunda regalis, Dryopteris thelypteris		A
26) PF01	Fraxinus americana dom., Ulmus americana		E
27) A - PEM5	Phalaris arundinacea		E
B - PEM5	Typha sp.		F
28) PSS1/EM5	Salix interior / mixed emergents codom., Phalaris arundinacea, Solidago spp.		B

WETLAND COMMUNITIES

Trip 2

MAP SYMBOLS	LOCAL NAME	DOMINANT VEGETATION	WATER REGIME
1) A - PF02	Larix laricina dom.,	Picea mariana, Alnus sp., Juncus sp., Sphagnum spp.	B
B - PF02/SS1	Larix laricina / Myrica gale codom.,	Alnus sp., Sphagnum spp., Spiraea sp.	B
2) PF02/SS3	Larix laricina,	Chamaedaphne calyculata codom., Carex sp., Sphagnum spp.	Ba
3) PF01/SS1	Populus sp.,	Alnus sp. codom., Fraxinus sp., Onoclea sensibilis	E
4) PF01	Populus sp. dom.,	Onoclea sensibilis, Glyceria sp, Fraxinus nigra	A
5) PF01	Betula populifolia /	Acer rubrum codom., Ilex sp., Alnus sp., Rubus sp.	C
6) PSS1	Vaccinium corymbosum dom.,	Chamaedaphne calyculata, Acer rubrum	B
PF04/SS1	Pinus strobus and above		B
7) PF04	Thuja occidentalis dom.,	Larix laricina, Betula populifolia, Onoclea sensibilis	A
8) A - PF05/EM5	dead trees /	mixture of Em- Carex spp., Typha sp, Scirpus validus	F
B - PF05/SS1	dead trees,	Alnus sp., Carex spp., Onoclea sensibilis, Spiraea latifolia	E
9) A - PF06/4	Alnus sp. /	Salix sp. codom., Pinus strobus, Thuja occidentalis	E
B - PF01/SS1	Same as above, plus	Equisetum sp., Galium sp., Lemna sp., Lycopus sp.	E
10) A - PF01	Acer rubrum dom.,	Osmunda regalis + cinnamomea, Onoclea sensibilis, Ulmus sp.	A
B - PEM5	Juncus effusus dom.,	Scirpus cyperinus, Carex sp., Equisetum sp.	A
11) PF04/SS1	Thuja occidentalis /	Pinus strobus / mixed shrubs - Acer rubrum, Ilex verticillata	E
12) A - PF06/4	Larix laricina,	Populus sp., Thuja occidentalis codom., Abies balsamea	C
B - PSS1	Salix sp. /	Alnus sp. / Spiraea sp. codom., Acer rubrum, Carex spp., Scirpus spp.	E
17) PF04	Picea mariana dom.,	Abies balsamea, Sphagnum spp., Osmunda cinnamomea	Ba
18) PSS 2/3	Larix laricina /	Ledum groenlandicum codom., Sphagnum spp., Eriophorum sp.	Ba
19) A PSS1/EM5	Alnus sp. /	Salix sp. / Carex spp. codom., Spiraea latifolia, Calla palustris	E
B PF05/SS1	Acer rubrum /	Alnus sp. / dead trees codom., Betula populifolia	Eb
20) A PEM5	Carex sp.		Eh
B - PEM5	Carex sp. dom.,	Calamagrostis canadensis, Nuphar sp., Sparganium sp.	Eh
21) PSS3/EM5	Chamaedaphne calyculata /	Carex spp. codom., Larix laricina, Sarracenia purpurea	Ba
22) A - PEM5	Eupatorium maculatum dom.,	Leersia oryzoides, Caltha palustris	Cd
B - PSS1	Salix sp. dom.,	Onoclea sensibilis, Calamagrostis canadensis	Ad
23) PSS 3/4	Pinus strobus /	Chamaedaphne calyculata codom., Larix laricina, Vaccinium sp.	Ba
24) PF04	Picea mariana dom.,	Fraxinus nigra, Aralia pseudocalis, Cornus canadensis	B
25) PF01/SS1	Alnus sp. /	Acer rubrum / Fraxinus nigra / Thuja occidentalis codom.	E

SPECIAL MAPPING PROBLEMS

PROBLEM	RESOLUTION
1. In the Adirondack State Park, difficulties in differentiating upland from PFO4 in areas where conifers grow (were planted in extensive areas going up + down slopes	1. Trying to follow contours on U.S.G.S. No soil surveys available. Field check sites helped also.
2. Some difficulty in seperating SS1 from SS3 (+ SS2) on the Black + White imagery. Problem with identifying larch (FO2) on S/S imagery (Black + white)	2. Used signatures from field check sites as much as possible
3. Northern (especially eastern) area has limited soil info ~~but~~ and unclear photo signatures for wetlands. Soil info available shows extensive areas of wet soils ("E" regime) but on considerable slope. Called alder of wetlands "B" in this situation and "C" + "A" streamside	3. Followed combination of soil info and photo signature to try to define wetland boundaries and water regimes. Also using USGS symbols.
4) Decision on whether the St. Lawrence "River" (very wide at this area) is riverine or lacustrine. System	4) Regional Headquarters checked w/ field office - riverine from Tibbetts Point to Iroquois Power Dam.

USER CAUTION

The map document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with Classification of Wetlands and Deep Water Habitats of the United States (An Operational Draft) Cowardin, et al, 1977. The aerial photographs typically reflected conditions during the specific year and season when they were taken. In addition, there is a margin or error inherent in the use of aerial photographs. Thus a detailed on-the-ground and historical analysis of a single site may result in revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on the map document.

Federal, State, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either design or products of this inventory, to define limits of proprietary jurisdiction of any Federal, State, or local government or to establish the geographical scope of regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, State, or local agencies concerning specific agency regulatory programs and proprietary jurisdictions that may affect such activities.

Additional information regarding this map or other National Wetland Inventory activities may be obtained by contacting:

1) Ralph W. Tiner Jr.; Regional Wetland Coordinator, Region 5, NWI; USFWS; The Gateway Center, Suite 700; Newton Corner, Ma 02158

2) Massachusetts Remote Sensing Project; Forestry Dept, Hidsworth Hall; University of Massachusetts; Amherst, Mass. 01003