

COMPLETE NORTH CAROLINA  
PHOTO INTERPRETATION CONVENTIONS

FLORENCE NW,

KNOXVILLE NE, KNOXVILLE SE, KNOXVILLE NW, KNOXVILLE SW

I. DATE OF FIELD TRIP:

December 14 - 21, 1992

II. PERSONNEL:

|                |   |                                |
|----------------|---|--------------------------------|
| Charlie Storrs | - | U.S. Fish and Wildlife Service |
| Dean Element   | - | Geonex, Inc.                   |
| W. Kyle Odom   | - | Geonex, Inc.                   |
| Phillip Still  | - | Geonex, Inc.                   |
| Lesley Ward    | - | Geonex, Inc.                   |

III. GENERAL:

1. Aquatic Bed

|         |   |  |
|---------|---|--|
| PAB3F,H | - | Murky greenish-brown to reddish-brown signature.<br>Watermilfoil, parrot feather, water lily |
| PAB4F,H | - | Shiny pink signature.<br>Duckweed, duckmeal  |

2. Emergents

|         |   |  |
|---------|---|--|
| PEM1A,C | - | Smooth texture with a light gray signature for temporarily flooded emergents to smooth greenish brown or blue signatures for the seasonally flooded emergents.<br>Grasses, sedges, carex |
| PEM1F   | - | Smooth deep blue (often open water) or smooth white signature.<br>Typha, juncus, rushes  |
| PEM1B   | - | Smooth mottled signature.<br>Wiregrass, bogbuttons, pitcher plants   |

3. Scrub-shrub

- PSS1A,C - Short, compact, fluffy crowns. The seasonal signature will be a deeper, richer color than the temporary signature.  
Red maple, water oak, willow
- PSS1F - Dark, rich, blue (standing water) with a short rough texture.  
Willow, blackgum, alder
- PSS4A - Short, compact crowns with a brick-red signature.  
Loblolly pine
- PSS1B - Blackgum, sweetgum, and red maple. Ti-ti and sweetpepper are often in association with these sites causing a rough, reddish-brown understory.
- PSS3B - Pinkish-red signature.  
Sweetbay, ti-ti, holly, privet
- PSS4B - Pond pine and Atlantic white cedar

4. Forested

- PFO1A - Broad fluffy crowns with a general uniform height. A somewhat smooth signature with a pink understory.  
Sweetgum, red maple, tulip poplar, green ash
- PFO1B - Signature similar to temporarily flooded but a rougher, more open canopy and denser understory.  
Tulip poplar, sweetgum, red maple. Understory often consisting of ilex, sweetbay, ti-ti and privet.
- PFO1C - Broad fluffy crowns found on floodplains, sloughs and depressions. Understory is suppressed by longer periods of standing water.  
Red maple, blackgum, river birch

- PFO1F,G - Monospecific stands, very smooth, dark signature often in standing water. The intermittently exposed signature has a pink aquatic bed understory.  
Blackgum, water tupelo
- PFO2F,G - Fluffy whitish crowns in standing water. Often found in the backends of impoundments. Aquatic bed will be seen as a floating understory.  
Bald cypress
- PFO1/2C,F - Dark bluish signature with a mix of smooth and fluffy crowns in standing water. Often found in deeper depressions and sloughs along floodplains.  
cypress, blackgum, water tupelo
- PFO4A - Tall, tight canopy, brick-red in color.  
Loblolly pine
- PFO4B - Brick-red canopy with a rough reddish understory. Understory consisting of ilex, sweetbay, ti-ti and privet.
- PFO1/4,4/1B - Mix of deciduous (grayish-green) trees with evergreen (brick-red) trees. Signature will also have the rough understory as the the last entry cited above.  
Tulip poplar, sweetgum, red maple, loblolly pine, pond pine

IV. SPECIFICS

1. Drainages that have been channelized or excavated will have the "x" modifier.
2. Reservoirs shown at pool elevation on photography will be drafted at normal pool elevation as shown on USGS base
3. Soil surveys will be used.
4. Split classes will be used sparingly.
5. Areas influenced by beaver activity will carry the beaver (b) modifier.
6. Areas influenced by impoundments, such as lakes, ponds or adjacent vegetation will carry the impounded (h) modifier.
7. The drained (d) modifier will be used as necessary.
8. L1, L2, R2, R3 and R4 will be used at the appropriate times.