

## MAPPING CONVENTIONS

### EASTERN OREGON/WESTERN IDAHO

FIELD TRIP: September 18-29, 1989

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PROJECT AREA (1:100K Maps): Baker NE, Baker SE, Baker NW,  
Baker SW, Grangeville NE,  
Grangeville SE, Grangeville NW,  
Canyon City NE, Canyon City SE

#### MAP CONVENTIONS:

##### 1. Forested

PFOA,C - Lodgepole pine (Pinus contorta), quaking aspen (Populus tremuloides), Engelmann spruce (Picea engelmannii), black cottonwood (Populus trichocarpa), river birch (Betula occidentalis). Signature typically shows red understory through trees, usually associated with river floodplains or wet meadows.

PFOB - Lodgepole pine (Pinus contorta), Engelmann spruce (Picea engelmannii). Saturated areas were confined to seeps or springs on hillsides or forests which were field checked: such as forested areas in the Big Cow Burn area of Canyon City SE.

##### 2. Scrub-Shrub

PSSA,C - Willow (Salix spp.), Douglas hawthorn (Crataegus douglasii), red osier dogwood (Cornus stolonifera). Signature is a bright red which becomes a deeper red as you go from temporarily to seasonally flooded. Usually associated with river floodplains or wet meadows.

PSSB - Speckled alder (Alnus incana), Red osier dogwood (Cornus stolonifera), willow (Salix spp.), Alpine fir (Abies spp.). Smooth bright red signature associated with seeps or springs on hillsides.

3. Emergents

PEMA,C,F,H- Juncus spp., Carex spp., Scirpus spp., Typha spp., Epilobium sp. Temporarily or seasonally flooded areas were usually found in wet meadows, irrigated fields, or behind reservoirs. The signature varied from smooth white or grey to smooth red. Irrigated fields exhibited mottled red to light brown tones. Semi-permanently flooded areas were found in meadows and lake fringes. The signature was typically smooth greenish yellow to greenish brown. Permanently flooded emergents were found associated with lakes, such as Lily Lake in Ponderosa State Park, where the signature was a very smooth light brown color.

PEMB - Carex spp., Sphagnum spp., Epilobium sp., Scirpus spp., Rhincospora sp. Saturated wetlands were confined to seeps in front of impoundments, seeps or springs on hillsides, or meadows which were field checked. Signatures varied but were typically a smooth deep red.

4. Aquatic Bed

PABF,H - Yellow water lily (Nuphar polysepalum), pondweed (Potamogeton spp.), duckweed (Lemna spp.). Signatures varied from a smooth bright pink to a smooth brown. This classification will be used only when a signature is present or the area has been field checked.

SPECIFICS:

1. Soil surveys will be followed closely (whenever available) for upland/wetland breaks.
2. Beaver (b), impounded (h), and excavated (x) modifiers will be used when appropriate.
3. Riverine/streambed classification closely followed U.S.G.S. topographic maps. Perennial rivers with a dry streambed signature will be classified R4SBF. For R4SB classifications there will be a transition from seasonally flooded (C), at elevations above approximately 6,000 feet where precipitation from snowfall is higher, to temporarily flooded (A) at lower elevations.
4. Vegetated rivers and streams with shrubs (SS) or trees (FO) will be classified seasonally flooded (C) for perennial rivers and temporarily flooded (A) for intermittent streambeds. However, photo signature overrides topographic maps when necessary.
5. Some perennial rivers which were field checked will be classified R3RBH, such as the Snake River, Salmon River, Little Salmon River, and the North Fork of The Payette River below Cascade Reservoir.
6. River bars will be classified as rocky shore (RS) if the signature is grey or unconsolidated shore (US) if the signature is white; these will be either seasonally flooded (C) or temporarily flooded (A).
7. Impounded areas of the Snake River will be classified L1UBHh.
8. All reservoirs will be delineated according to the photography with the exception of Cascade Reservoir which will have an L2USCh zone added at the ZTS stage at the 4820 contour according to drawdown information made available by the Bureau of Reclamation in Boise, Idaho. No other information was available for the other reservoirs in the area.