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UTAH FIELD CONVENTIONS - COMMUNITIES
VS. SIGNATURE - FIELD TRIP #2

CLASSIFICATION	SIGNATURE	DESCRIPTION
<p><u>RIVERINE</u> -Lower Perennial</p> <p>Class: Always UB</p> <p>Water Regime: G or H</p>	<p>Blue open water tone confined to a channel</p>	<p>-Crosses few contours -Meandering through well developed flood- plain</p> <p>-Water regime determined by stream flow data</p>
<p>-Upper Perennial</p> <p>Class: UB or RB</p> <p>Water Regime: G or H</p>	<p>Blue open water tone confined to a channel</p>	<p>-Crosses numerous contours -Very limited, if any, flood plain. -Class: UB slope less than 800' per mile RB-slope greater than 800' per mile -NOTE: Above dis- tinctions are very general. -Water regime to be determined by stream flood data.</p>
<p>-Intermittent</p> <p>Class: Always SB</p> <p>Water Regime: A,C,F</p>	<p>-Blue open water tone -Exposed river bed - white signature</p>	<p>-Intermittent streams on topo will be intermittent on photo unless stream gauge records are available showing otherwise.</p> <p>-Water Regimes to be determined by stream flow data or P.I. judgement</p>
<p><u>LACUSTRINE</u> -Limnetic</p> <p>Class: Always UB</p> <p>Water Regime: G,H</p>	<p>-Blue open water tone</p>	<p>-Limnetic/littoral break will be deter- mined by contour information supplied by the region.</p>

CLASSIFICATION	SIGNATURE	DESCRIPTION
<u>LACUSTRINE</u> - cont. <u>-Littoral</u> -Class: AB -Water Regime: F,G,H	-Blue open water tone -Light brown tone on water surface	-All L2 zones will be classified as AB with the exception of the Great Salt Lake and obvious L2US signatures.
-Class: UB Water Regime: F,G,H	-Blue open water tone	-In Great Salt Lake as determined by contour data and in salt evaporation pond.
-Class: US Water Regime: C	-Gray tone near or in lake basin.	-Same as above.
-Class: US -Water Regime: A	-Bright white tone	-Will be determined by contour data.
<u>PALUSTRINE</u> -Class: US -Water Regime: C	-Dull white to gray tones -Turquoise tone	-No vegetation apparent
-Class: US -Water Regime: A	-Bright white tone	-No vegetation apparent
-Class: UB -Water Regimes: F,G,H	-Open water tones	-Only found in grave pits and salt evaporation ponds. -Water regimes determined by local conditions.

CLASSIFICATION	SIGNATURE	DESCRIPTION
<p><u>PALUSTRINE</u> - cont.</p> <p>-Class: AB</p> <p>-Water Regimes: F,G,H</p>	<p>-Blue open water tones</p> <p>-Light brown tone on water surface.</p> <p>-Smooth bright pink tones on water surface.</p> <p>-Other smooth vegetated tones on or under the surface with characteristic glint.</p>	<p>-Water regime to be determined by location and size.</p>
<p>-Class: FO</p> <p>-Water Regime: A</p>	<p>-Varies from bright to dull red.</p>	<p>-Found along streams or in adjacent floodplain areas. Also along open water or marsh area.</p>
<p>-Class: SS</p> <p>-Water Regimes: A or C</p>	<p>-Bright red tone</p>	<p>-Almost always given "C" water regime.</p>
<p>-Class: PFO/SS</p> <p>-Water Regime: A</p>	<p>-Bright to dull red for trees, bright red tone for shrubs</p>	<p>-Same as PFO</p>
<p>-Class: EM</p> <p>-Water Regime: A</p>	<p>-Red mottled with light blue</p> <p>-Light brown mottling on September photography</p> <p>-Medium to dark gray tones</p>	<p>-Water regime "A" has a lower occurrence than other water regimes.</p>
<p>-Water Regime: C</p>	<p>-Normally red mottled with dark blue</p> <p>-Mottled reds</p> <p>-Reds mottled with dark gray</p> <p>-Dark gray mottled with red</p> <p>-Blacks (locomotive SPGS)-</p> <p>-Olney 3-sq.</p> <p>-Mottled white, brown, blue (Sept.)</p> <p>-Smooth bright reds</p> <p>-Smooth bright reds in</p> <p>-Strawberry reservoir</p>	<p>- "C" is the most abundant water regime</p> <p>-Confined to a channel and associated with springs in the area.</p>

CLASSIFICATION	SIGNATURE	DESCRIPTION
<p><u>PALUSTRINE</u> - cont.</p> <p>-Water Regime: B</p>	<p>-Smooth bright red signatures</p>	<p>-Found on slopes in the mountains, not confined to a channel, and associated with seeps.</p>
<p>-Water Regime: F</p>	<p>-Cloned/clumped bright red, bright pink, dark brown to black and dark red with blue mottling.</p> <p>-Smooth dark gray around south Utah Lake.</p> <p>-Deep blue, almost open water tones confined to oxbows (Sept. Photography)</p>	
<p>-PSS/EM</p> <p>-Water Regime: C</p>	<p>-Bright red</p>	<p>-Confined to rivers and their adjacent floodplains.</p>
<p>PUS/EM or PEM/US</p> <p>-Water Regime: A</p>	<p>-White with mottled gray vegetation signature</p>	<p>-Confined to areas west of the mountains.</p>

valleys, especially the Bear. Temporarily flooded emergents were encountered with less frequency and were most commonly found in the Tooele and Skull Valleys. Some association with unconsolidated shore was noted and a mixed class of PEM/USA or PUS/EMA is appropriate. Two other notable wetland types encountered were beaver ponds (PABFb or PABGb) and saturated seep areas (PEMB), the former being quite common in the mountains. Many of the rivers, both montane and in the basin, were bordered by forested or scrub-shrub wetlands to various extents.

B. Species Found - below is a list of the more commonly found species associated with the particular community type.

PEMA -	✓ Saltgrass ✓ Foxtail barley ✓ Mediterranean barley ✓ Greasewood ✓ Glasswort ✓ Pickleweed ✓ Iodine bush	Distichlis spicata Hordeum jubatum Hordeum marinum Sarcobatus vermiculatus Salicornia spp. Allenrolfea occidentalis
PEMC -	✓ Juncus spp. ✓ Olney threesquare ✓ Eleocharis spp. ✓ Carex spp. Sedges	Scirpus olneyi
PEMF -	✓ Cattail ✓ Dock ✓ Hardstem bullrush ✓ Alkali bullrush	Typha latifolia Rumex spp. Scirpus acutus Scirpus plaudosus
PEMB -	✓ California corn lily Juncus spp. Sedges	Veratrum californicum
PSSC -	Willow	Salix sp.
PFOA -	Narrow leaf cottonwood Box elder	Populus angustifolia Acer negundo
PAB -	Sago pondweed Duckweed	Potamogeton sp. Lemna
Up-land -	Cheatgrass Western wheatgrass Sage	Bromus tectorum Agropyron smithii Artemisia sp.
PUSA L2USA -	greasewood glassworts iodine bush	Sarcobatus Salicornia Allenrolfea