Recommended Vegetation Mapping Attributes 2003 State Biodiversity Council Vegetation Mapping MOU Group.

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| --- | --- | --- | --- |
| *Range of mapping scales* | *1:7,500,000 to 1:250,000* | *1:250,000 to 1:24,000* | *1:24,000 to 1:6,000* |
| *Typical polygon size* | *10 to 1000 sq miles (6,400 to 64,000 acres)* | *1000 to 10,000 acres* | *< 1000 acres* |
| *MMU* | *50 acres* | *10 acres* | *5 acre*  |
|  |  |  |  |
| **Map Unit Attribute** | **Broad-scale** | **Medium-Scale** | **Fine-Scale** |
| **A. Core Attributes at All Scales** |  |  |  |
| **Life Form** (Cover Type) | core | core | core |
| **Ecological Unit** | core | core | core |
| **MCV Hierarchy**  (derived from other fields) - this consists of multiple fields, one for each hierarchical level | core | core | core |
| **CalVeg Hierarchy** (derived from other fields) - this consists of multiple fields, one for each hierarchical level | core | core | core  |
| **Land Use/Land Cover - Anderson Level 1** | core | core | core |
| **Birdseye Total Cover** (max value 100%) | core | core | core |
| % of **Birdseye Total Cover by trees** (canopy closure - sum of conifers and hardwoods % cover) | core | core | core |
| % of **Birdseye Total Cover by conifers** | core | core | core |
| % of **Birdseye Total Cover covered by hardwoods** (and not covered by overstory trees) | core | core | core |
| % of **Birdseye Total Cover covered by shrubs** (and not covered by trees) | core | core | core |
| % of **Birdseye Total Cover covered by herbaceous** (and not covered by trees or shrubs) | core | core | core |
| **Map Unit Aggregation Type** (changed name from Internal Diversity)  | core | core | core |
| **Attribution Method** (field-based, modeled, etc) | core | core | core |
| **Cause and Date of Record Change** (fire, error correction, etc.) | core | core | core |
| **B. Core Attributes at Some Scales** |   |   |   |
| **Dominant Species** (visible from above, usually 1 to 3 species) by Layer | n/a | Core  *- to species for trees, to genus level for other lifeforms* | Core *- to species level* |
| **Size Class** (DBH) | n/a | core | core |
| **Height class and/or Vertical Structure** | Optional *- see lifeform* | Optional - *use structural classes for trees (1, 2, or multiple layer)* | Core  |
| **Land Use/Land Cover - Anderson Level 2**  | optional | optional | core |
| **WHR Type** (derived from other fields) - this consists of multiple fields, one for each hierarchical level | optional | core | core |
| **C. Optional Attributes** |   |   |   |
| **Shrub Structural Diversity** (includes live/dead fuel ratio) | optional | optional | optional |
| **Disturbance Index** (roads, exotics, erosion, other impacts) | Optional - *derived from other data - coarse (low) level of detail* | Optional *- derived from other data or remotely sensed- medium level of detail* | Optional - *observed or derived from other data - high level of detail* |
| **Groundlevel Total Vegetation Cover** (max value 400% - a sum of all cover values from up to four different structural layers) | optional | optional | optional |
| **Groundlevel Total Conifer Cover** (max value 100%) | optional | optional | optional |
| **Groundlevel Total Hardwood Cover** (max value 100% - all hardwood cover, whether covered by overstory trees or not) | optional | optional | optional |
| **Groundlevel Total Shrub Cover** (max value 100% - all shrub cover, whether covered by trees or not) | optional | optional | optional |
| **Groundlevel Total Herbaceous Cover** (max value 100% - all herbaceous cover, whether covered by trees/shrubs or not) | optional | optional | optional |
| **Percent Mortality** | Optional *- coarse level* | Optional *- by type of tree* | optional |
| **Special Habitat Elements** (related to vegetation only - snags, downed logs, etc; not caves, cliffs, etc.) - Observed | n/a | n/a | optional |
| **Age Class** (difficult to capture using remote sensing) | n/a | optional | optional |