Landforms of the McKenzie River basin
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This thesis develops a regional landscape scheme of the upper McKenzie River Basin, Oregon based on the characteristics of landforms, soils and vegetation. The regions are organized by naturally occurring landscape patterns, or land systems, and are defined by morphological characteristics, or land units.

Land systems and their constituent land units were identified on air photographs. Field checks confirmed or modified the identification which were extended by extrapolating the tonal signatures to adjacent areas. These findings were correlated and checked against published works on local geology, soils, vegetation, etc. The resultant land systems map integrates all available published research on the area with the patterns of landforms which are delineated on air photos. The land system map may be used to establish an environmental base for “cultural resource planning” of the U.S. Forest Service. Future photographic evaluations of the area will reveal the impacts of current decisions on the utilization of the basin’s resources.