

**Appendix II. Vegetation and ground cover definitions and photographs**



**Biological Soil Crust**



**Biological Soil Crust**



**Salt Crusts and Biological Soil Crust**



**Micro Shrub Coppice Dune and Bare Soil**



**Sod Grass with Bare Interspace**



**Sod Grass with Manure and Litter**





**Rock, Bare Interspace and Trace Litter**



**Rock, Bare Interspace and Trace Litter**



**Shrub with Forbs in Foreground**



**Bunchgrass with Woody Agave**



**Litter and Bare Soil**



**Bunchgrass, Annual Grass, Rock, Litter & Bare Soil**





**Juniper Trees Invading Bunchgrass**



**Savanna with Tallgrass and Scattered Trees**



**Shrubland with Open Interspace and Encroachment by Juniper Trees**



**Shrubland with Bunchgrass Interspace**



**Shrub, Rock and Bare Soil**



**Shrub, Cacti, Rock and Bares Soil**





**Forb in Bunchgrass**



**Forb in Bunchgrass**



**Forb**



**Forb in Litter**



**Wind Erosion Showing bare soil and  
burned basal stumps of shrubs**



**Forbs in mixed grass Prairie**



## Hydrologic Terms



**Raindrop Splash Erosion**



**Sheet Flow Erosion**



**Concentrated Flow Path/Rill**



**Concentrated Flow Path/Rill**



**Flash Flood/Stream Flow**



**Gully Erosion**



**Debris dam slows velocity and reduce soil erosion**



**Frost heaving lifts to soil, reduces the bulk density and aggregate stability**