

## Causes of Succession

|  | Causes of Succession |                     |          |                    |                |   |                      |  |  |  |         |                     |                     |                    |                |  |  |         |                     |          |                    |                     |          |                    |                |
|--|----------------------|---------------------|----------|--------------------|----------------|---|----------------------|--|--|--|---------|---------------------|---------------------|--------------------|----------------|--|--|---------|---------------------|----------|--------------------|---------------------|----------|--------------------|----------------|
| Rangeland Health Indicators  | Site Availability    |                     |          |                    |                | ← | Species Availability |  |  |  |         | ←                   | Species Performance |                    |                |  |  |         |                     |          |                    |                     |          |                    |                |
| Rills, water flow patterns, pedestals, and/or terracettes, gullies, wind scoured, blowout depositions, litter movement | Extreme              | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight |   |                      |  |  |  |         |                     |                     |                    |                |  |  |         |                     |          |                    |                     |          |                    |                |
| Bareground, soil surface loss or degradation, soil surface resistance to erosion                                       | Extreme              | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight |   |                      |  |  |  |         |                     |                     |                    |                |  |  | Extreme | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight      |          |                    |                |
| Plant Community Composition  |                      |                     |          |                    |                |   |                      |  |  |  | Extreme | Moderate to Extreme | Moderate            | Slight to Moderate | None to Slight |  |  |         |                     |          | Extreme            | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight |
| Compaction Layer   | Extreme              | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight |   |                      |  |  |  |         |                     |                     |                    |                |  |  |         |                     |          | Extreme            | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight |
| Functional/Structural Groups   |                      |                     |          |                    |                |   |                      |  |  |  | Extreme | Moderate to Extreme | Moderate            | Slight to Moderate | None to Slight |  |  |         |                     |          |                    |                     |          |                    |                |
| Plant mortality/ decadence   | Extreme              | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight |   |                      |  |  |  |         |                     |                     |                    |                |  |  |         |                     |          | Extreme            | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight |
| Litter Amount  |                      |                     |          |                    |                |   |                      |  |  |  |         |                     |                     |                    |                |  |  |         |                     |          | Extreme            | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight |
| Annual Production  |                      |                     |          |                    |                |   |                      |  |  |  |         |                     |                     |                    |                |  |  |         |                     |          | Extreme            | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight |
| Invasive Plants  |                      |                     |          |                    |                |   |                      |  |  |  | Extreme | Moderate to Extreme | Moderate            | Slight to Moderate | None to Slight |  |  |         |                     |          |                    |                     |          |                    |                |
| Reproductive Capacity of Perennial Plants  |                      |                     |          |                    |                |   |                      |  |  |  | Extreme | Moderate to Extreme | Moderate            | Slight to Moderate | None to Slight |  |  |         |                     |          | Extreme            | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight |

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|---|---|---------------------|---------------------|--------------------|--------------------|----------------------|---------------------|----------|--------------------|----------------|---------------------|---------------------|----------|--------------------|----------------|
| Rangeland Health Indicators                         | Site Availability   |                     |                     |                    |                    | Species Availability |                     |          |                    |                | Species Performance |                     |          |                    |                |
|   | <b>Rills, water flow patterns, pedestals, and/or terracettes, gullies, wind scoured, blowout depositions, litter movement</b> | Extreme             | Moderate to Extreme | Moderate           | Slight to Moderate | None to Slight       |                     |          |                    |                |                     |                     |          |                    |                |
| <b>Bareground, soil surface loss or degradation</b> | Extreme   | Moderate to Extreme | Moderate            | Slight to Moderate | None to Slight     |                      |                     |          |                    |                |                     |                     |          |                    |                |
| <b>Plant Community Composition</b>                  |   |                     |                     |                    |                    | Extreme              | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight |                     |                     |          |                    |                |
| <b>Compaction Layer</b>                             | Extreme   | Moderate to Extreme | Moderate            | Slight to Moderate | None to Slight     |                      |                     |          |                    |                |                     |                     |          |                    |                |
| <b>Functional/Structural Groups</b>                 |   |                     |                     |                    |                    | Extreme              | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight |                     |                     |          |                    |                |
| <b>Plant mortality/ decadence</b>                   | Extreme   | Moderate to Extreme | Moderate            | Slight to Moderate | None to Slight     |                      |                     |          |                    |                | Extreme             | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight |
| <b>Litter Amount</b>                                |   |                     |                     |                    |                    |                      |                     |          |                    |                | Extreme             | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight |
| <b>Annual production</b>                            |   |                     |                     |                    |                    |                      |                     |          |                    |                | Extreme             | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight |
| <b>Invasive plants</b>                              |   |                     |                     |                    |                    | Extreme              | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight |                     |                     |          |                    |                |
| <b>Reproductive Capacity of Perennial Plants</b>    |   |                     |                     |                    |                    | Extreme              | Moderate to Extreme | Moderate | Slight to Moderate | None to Slight |                     |                     |          |                    |                |