

**Appendix 1. Potential Vegetation Group (PVG): Classification Rules**
**DRY**

| <u>Series</u>         | <u>Habitat</u>            | <u>Phase</u>            |
|-----------------------|---------------------------|-------------------------|
| Abies grandis         | Acer glabrum              |                         |
| Abies grandis         | Physocarpus malvaceus     |                         |
| Abies grandis         | Physocarpus malvaceus     | Coptis occidentalis     |
| Abies grandis         | Physocarpus malvaceus     | Physocarpus malvaceus   |
| Abies grandis         | Spiraea betulifolia       |                         |
| Juniperous scopulorum |                           |                         |
| Pinus flexulosa       |                           |                         |
| Pinus ponderosa       |                           |                         |
| Pinus ponderosa       | Agropyron spicatum        |                         |
| Pinus ponderosa       | Festuca idahoensis        |                         |
| Pinus ponderosa       | Festuca scabrella         |                         |
| Pinus ponderosa       | Physocarpus malvaceus     |                         |
| Pinus ponderosa       | Prunus virginiana         |                         |
| Pinus ponderosa       | Symporicarpos albus       |                         |
| Pinus ponderosa       | Symporicarpos oreophillus |                         |
| Pseudotsuga menziesii | Agropyron spicatum        |                         |
| Pseudotsuga menziesii | Arctostaphylos uva-ursi   |                         |
| Pseudotsuga menziesii | Calamagrostis rubescens   | Agropyron spicatum      |
| Pseudotsuga menziesii | Calamagrostis rubescens   | Arctostaphylos uva-ursi |
| Pseudotsuga menziesii | Calamagrostis rubescens   | Calamagrostis rubescens |
| Pseudotsuga menziesii | Festuca idahoensis        |                         |
| Pseudotsuga menziesii | Physocarpus malvaceus     |                         |
| Pseudotsuga menziesii | Physocarpus malvaceus     | Calamagrostis rubescens |
| Pseudotsuga menziesii | Physocarpus malvaceus     | Physocarpus malvaceus   |
| Pseudotsuga menziesii | Physocarpus malvaceus     | Smilacina stellata      |
| Pseudotsuga menziesii | Symporicarpos albus       |                         |
| Pseudotsuga menziesii | Symporicarpos albus       | Agropyron spicatum      |
| Pseudotsuga menziesii | Symporicarpos albus       | Calamagrostis rubescens |
| Pseudotsuga menziesii | Symporicarpos albus       | Pinus ponderosa         |
| Pseudotsuga menziesii | Symporicarpos albus       | Symporicarpos albus     |

MOIST

| <u>Series</u>                | <u>Habitat</u>                  | <u>Phase</u>                   |
|------------------------------|---------------------------------|--------------------------------|
| <i>Abies grandis</i>         | <i>Asarum caudatum</i>          |                                |
| <i>Abies grandis</i>         | <i>Asarum caudatum</i>          | <i>Taxus brevifolia</i>        |
| <i>Abies grandis</i>         | <i>Clintonia uniflora</i>       |                                |
| <i>Abies grandis</i>         | <i>Clintonia uniflora</i>       |                                |
| <i>Abies grandis</i>         | <i>Clintonia uniflora</i>       | <i>Aralia nudicaulis</i>       |
| <i>Abies grandis</i>         | <i>Clintonia uniflora</i>       | <i>Clintonia uniflora</i>      |
| <i>Abies grandis</i>         | <i>Clintonia uniflora</i>       | <i>Physocarpus malvaceus</i>   |
| <i>Abies grandis</i>         | <i>Coptis occidentalis</i>      |                                |
| <i>Abies grandis</i>         | <i>Linnaea borealis</i>         |                                |
| <i>Abies grandis</i>         | <i>Linnaea borealis</i>         | <i>Calamagrostis rubescens</i> |
| <i>Abies grandis</i>         | <i>Linnaea borealis</i>         | <i>Linnaea borealis</i>        |
| <i>Abies grandis</i>         | <i>Linnaea borealis</i>         | <i>Xerophyllum tenax</i>       |
| <i>Abies grandis</i>         | <i>Vaccinium globulare</i>      |                                |
| <i>Abies grandis</i>         | <i>Xerophyllum tenax</i>        |                                |
| <i>Abies grandis</i>         | <i>Xerophyllum tenax</i>        |                                |
| <i>Abies grandis</i>         | <i>Xerophyllum tenax</i>        |                                |
| <i>Abies lasiocarpa</i>      | <i>Clintonia uniflora</i>       | <i>Coptis occidentalis</i>     |
| <i>Abies lasiocarpa</i>      | <i>Clintonia uniflora</i>       | <i>Vaccinium globulare</i>     |
| <i>Abies lasiocarpa</i>      | <i>Clintonia uniflora</i>       |                                |
| <i>Abies lasiocarpa</i>      | <i>Oplopanax horridum</i>       |                                |
| <i>Abies lasiocarpa</i>      | <i>Poa pratense</i>             |                                |
| <i>Abies lasiocarpa</i>      | <i>Streptopus amplexifolius</i> |                                |
| <i>Abies lasiocarpa</i>      | <i>Galium triflorum</i>         |                                |
| <i>Picea</i>                 | <i>Linnaea borealis</i>         |                                |
| <i>Pseudotsuga menziesii</i> | <i>Linnaea borealis</i>         |                                |
| <i>Pseudotsuga menziesii</i> | <i>Linnaea borealis</i>         | <i>Calamagrostis rubescens</i> |
| <i>Pseudotsuga menziesii</i> | <i>Vaccinium caespitosa</i>     | <i>Syphoricarpos albus</i>     |
| <i>Pseudotsuga menziesii</i> | <i>Vaccinium gobulare</i>       |                                |
| <i>Thuja plicata</i>         | (all)                           |                                |
| <i>Tsuga heterophylla</i>    | (all)                           |                                |
| <i>Tsuga mertensiana</i>     | <i>Clintonia uniflora</i>       |                                |
| <i>Tsuga mertensiana</i>     | <i>Clintonia uniflora</i>       | <i>Menziesia ferruginea</i>    |

COLD

| <u>Series</u>    | <u>Habitat</u>                  | <u>Phase</u>                    |
|------------------|---------------------------------|---------------------------------|
| Abies lasiocarpa | <i>Alnus sinuata</i>            |                                 |
| Abies lasiocarpa | <i>Arnica cordifolia</i>        |                                 |
| Abies lasiocarpa | <i>Calamagrostis canadensis</i> | <i>Calamagrostis canadensis</i> |
| Abies lasiocarpa | <i>Calamagrostis canadensis</i> | <i>Galium trifolium</i>         |
| Abies lasiocarpa | <i>Calamagrostis canadensis</i> | <i>Ledum glandulosum</i>        |
| Abies lasiocarpa | <i>Calamagrostis canadensis</i> |                                 |
| Abies lasiocarpa | <i>Calamagrostis rubescens</i>  |                                 |
| Abies lasiocarpa | <i>Calamagrostis canadensis</i> |                                 |
| Abies lasiocarpa | <i>Carex geyeri</i>             | <i>Carey geyeri</i>             |
| Abies lasiocarpa | <i>Carex geyeri</i>             | <i>Pseudotsuga menziesii</i>    |
| Abies lasiocarpa | <i>Carex geyeri</i>             | <i>Abies lasiocarpa</i>         |
| Abies lasiocarpa | <i>Larix lyallii</i>            |                                 |
| Abies lasiocarpa | <i>Ledum glandulosum</i>        |                                 |
| Abies lasiocarpa | <i>Lineaus borealis</i>         | <i>Lineaus borealis</i>         |
| Abies lasiocarpa | <i>Lineaus borealis</i>         | <i>Vaccinium scoparium</i>      |
| Abies lasiocarpa | <i>Lineaus borealis</i>         | <i>Xerophyllum tenax</i>        |
| Abies lasiocarpa | <i>Luzula hitchcockii</i>       | <i>Luzula hitchcockii</i>       |
| Abies lasiocarpa | <i>Luzula hitchcockii</i>       | <i>Vaccinium cscoparium</i>     |
| Abies lasiocarpa | <i>Luzula hitchcockii</i>       | <i>Vaccinium globulare</i>      |
| Abies lasiocarpa | <i>Luzula hitchcockii</i>       | <i>Menziesia ferruginea</i>     |
| Abies lasiocarpa | <i>Menziesia ferruginea</i>     | <i>Coptis occidentallis</i>     |
| Abies lasiocarpa | <i>Menziesia ferruginea</i>     | <i>Luzula hitchcockii</i>       |
| Abies lasiocarpa | <i>Menziesia ferruginea</i>     | <i>Rhododendron albiflorum</i>  |
| Abies lasiocarpa | <i>Menziesia ferruginea</i>     | <i>Vaccinium scoparium</i>      |
| Abies lasiocarpa | <i>Menziesia ferruginea</i>     | <i>Xerophyllum tenax</i>        |
| Abies lasiocarpa | <i>Pinus albicaulis</i>         |                                 |
| Abies lasiocarpa | <i>Pinus albicaulis</i>         | <i>Abies laasiocarpa</i>        |
| Abies lasiocarpa | <i>Pinus albicaulis</i>         | <i>Vaccinium scoparium</i>      |
| Abies lasiocarpa | <i>Poa pratense</i>             |                                 |
| Abies lasiocarpa | <i>Ribes montigeum</i>          |                                 |
| Abies lasiocarpa | <i>Vaccinium caespitosum</i>    | <i>Vaccinium caespitosum</i>    |
| Abies lasiocarpa | <i>Vaccinium caespitosum</i>    |                                 |
| Abies lasiocarpa | <i>Vaccinium globulare</i>      | <i>Vaccinium scoparium</i>      |
| Abies lasiocarpa | <i>Vaccinium globulare</i>      | <i>Xerophyllum tenax</i>        |
| Abies lasiocarpa | <i>Vaccinium globulare</i>      |                                 |
| Abies lasiocarpa | <i>Vaccinium scoparium</i>      | <i>Calamagrostis rubescens</i>  |
| Abies lasiocarpa | <i>Vaccinium scoparium</i>      | <i>Pinus albicaulis</i>         |
| Abies lasiocarpa | <i>Vaccinium scoparium</i>      | <i>Thalictrum occidentale</i>   |
| Abies lasiocarpa | <i>Vaccinium scoparium</i>      | <i>Vaccinium scoparium</i>      |
| Abies lasiocarpa | <i>Xerophyllum tenax</i>        |                                 |
| Abies lasiocarpa | <i>Xerophyllum tenax</i>        | <i>Coptis occidentallis</i>     |
| Abies lasiocarpa | <i>Xerophyllum tenax</i>        | <i>Ledum glandulosum</i>        |
| Abies lasiocarpa | <i>Xerophyllum tenax</i>        | <i>Luzula hitchcockii</i>       |

|                          |                                |                            |
|--------------------------|--------------------------------|----------------------------|
| <i>Abies lasiocarpa</i>  | <i>Xerophyllum tenax</i>       | <i>Vaccinium globulare</i> |
| <i>Abies lasiocarpa</i>  | <i>Xerophyllum tenax</i>       | <i>Vaccinium scoparium</i> |
| <i>Picea engelmannii</i> |                                |                            |
| <i>Picea engelmannii</i> | <i>Linnaea borealis</i>        |                            |
| <i>Pinus albicaulis</i>  | <i>Abies lasiocarpa</i>        |                            |
| <i>Pinus albicaulis</i>  | <i>Abies lasiocarpa</i>        | <i>Juncus parviflora</i>   |
| <i>Pinus albicaulis</i>  | <i>Vaccinium scoparium</i>     |                            |
| <i>Pinus contorta</i>    |                                |                            |
| <i>Pinus contorta</i>    | <i>Calamagrostis rubescens</i> |                            |
| <i>Pinus contorta</i>    | <i>Vaccinium scoparium</i>     |                            |