

Appendix A: Asset Pack Reference & Example Prompts

Note: Ensure these meshes are loaded in your Unreal Engine Content Browser before generating.

1. Alpine Biome

- **Available Meshes:** Pine trees, dead pines, pine shrubs, ferns, mossy grass, clover, needle piles, fallen pines, pine cones.

Example Prompts:

```
Dense alpine pine forest with fallen logs and forest floor debris  
Mossy alpine forest with pine trees and scattered debris  
Sparse alpine grove with scattered saplings
```

2. Alpine Snow Biome

- **Available Meshes:** Snow pines, dead snow pines, snow shrubs, snow grass, snow branches, snow forest rocks.

Example Prompts:

```
Snowy alpine forest with snow-covered pines  
Winter mountain slope with scattered snow-covered rocks  
Frozen pine forest with heavy snow coverage
```

3. Desert Biome

- **Available Meshes:** Cacti, desert bushes, desert grass, canyon arches, buttes, mesas, cliffs, dead trees, animal skulls, scatter rocks.

Example Prompts:

```
Arid desert canyon with cacti and rock formations  
Sparse desert landscape with scattered bushes  
Desert mesa with canyon rocks and dead vegetation
```

4. Forest Biome

- **Available Meshes:** Maples, forest bushes, forest plants, forest grass, leaf scatter, branch scatter, forest rocks, fallen logs.

Example Prompts:

```
Autumn forest with maple trees and fallen leaves  
Dense deciduous forest floor with undergrowth
```

Natural forest ecosystem with varied ground cover

5. Grassland Biome

- **Available Meshes:** Oaks, bushes, bulrushes, pink/red/white flowers, grass, cut stumps, old stumps, rocks, cliffs, water lilies.

Example Prompts:

Lush grassland meadow with oak trees and wildflowers
Open prairie with scattered bushes and tall grass
Grassland clearing near water with lilies

6. Tropical Biome

- **Available Meshes:** Palms, tropical trees, banana plants, underbrush patches, dead palm fronds, granite rocks, driftwood logs, coconuts.

Example Prompts:

Tropical island with palm trees and lush vegetation
Dense tropical forest with varied palm trees
Tropical beach with driftwood and granite rocks

7. Hemlock Forest

- **Available Meshes:** Hemlock trees, saplings, seedlings, grass, ferns, plant cover, pine needles, poppies, dandelions, nettles, clovers, mossy logs, rocks, water lilies.

Example Prompts:

Dense hemlock forest with mossy fallen logs and ferns
Hemlock forest meadow with wildflowers and scattered rocks
Old growth hemlock forest with mossy logs and seedlings
Overgrown hemlock woodland with dense undergrowth

8. Medieval Village Foliage

- **Available Meshes:** Creeper ivy, English ivy, thatching grass, wheat grass, ground cover, matted pratia, ferns, dead branches, dry plants, dandelions, white everlasting.

Example Prompts:

Overgrown abandoned area with ivy and dead vegetation
Village path edges with wheat grass and wildflowers
Old wall base with creeping ivy and ferns
Dry meadow with dead bushes and thatching grass
Neglected garden with dry plants and scattered weeds

Appendix B: Quick Reference Card

Minimal Prompts That Work

Biome	Minimal Prompt
Alpine	Alpine pine forest with debris
Desert	Desert canyon with cacti
Forest	Autumn forest with fallen leaves
Grassland	Meadow with oak trees and wildflowers
Tropical	Tropical island with palm trees
Hemlock	Hemlock forest with mossy logs
Medieval	Overgrown area with ivy and weeds

Density Quick Reference

Level	Keywords
Very Sparse	sparse, scattered, occasional
Moderate	balanced, natural, typical
Heavy	dense, thick, lush
Maximum	overgrown, heavy, packed