Equations







`



(0, 0)

East (X)

North

(Y)



Fresh logs

Tip-up mounds

Decayed logs

Scarified soil

Forest floor

Substrate Creation and Decay Schematic

**1**

**2**

**4**

**6**

**5**

**7**

**3**

Fresh logs

Tip-up mounds

Decayed logs

Tree fern bark

Litter and moss

Substrate Creation and Decay Schematic

**1**

**2**

**4**

**6**

**5**

**7**

**3**



**Light Effect**

**(Proportion Established)**

**0**

**1**

**Lopt**

**Shi**

**Slo**

**0**

**100**

**GLI**



X0 = 10

 = 5

 = 90o



