**Fragekatalog**

**Spezialvorlesung Ökologie I & II Standort- & Populationsbiologie**

**Bei Peter Poschlod**

Explain the concept of the „intermediate disturbance hypothesis” and name and explain an example (habitat, species) for this concept! 2 Punkte

Name and explain the Ellenberg indicator values (EIV) for plants! 3 Punkte

Define and explain the permanent wilting point! Name a plant example and its “PWP” 3 Punkte

Explain two parameters which are limiting the occurrence of plants on acidic soil! 2 Punkte

Which nutrients are limiting a plant? Name the three most important nutrients and explain the effects of the respective nutrient deficiency (reaction of the plant)! 3 Punkte

Explain the C-S-R-strategy model with the example of the triangle diagram! 3 Punkte

Explain the three phases of the pollination at the orchid genus Ophrys! 3 Punkte

What means the so called “seed longevity index” (LI)? Explain it and calculate the LI from the following data! 3 Punkte

Species Seed bank type

Rumex acetosa 1

Rumex acetosa 1

Rumex acetosa 1

Rumex acetosa 1

Rumex acetosa 1

Rumex acetosa 1

Rumex acetosa 2

Rumex acetosa 2

Rumex acetosa 3

What in the cause of the death of herbaceous plants? Explain the respective hypothesis and name and explain two environmental parameters which affect the maximum age of a plant. 3 Punkte