

Ecological Succession

Litho Sere
 slow process
 Rock 1000-2000 years
 Rock Succession

Barren Area

The gradual and fairly predictable change in the species composition in given area.

Ecological Succession.

TYPES

Pioneer community

First community to inhabit an area
 eg - Crustose lichen

Lichen - (Algae + fungi) Mycobiont
 phycobiont

Climax community

Pioneer community

Dry & solid

Acid Wethering of Rock

Large Foliose lichen
 SO₂ Pollution indicator
 Dry & soft

Mosses
 Moist & soft

Climax community
 Mesophytes

Tree's (soil, minerals etc.)

Shrubs

Herb's

Seral community → pioneer community and climax community in b/w

Sere

- Lithosere** - Succession on Rock
- Hydrosera** - Succession in water
- Halosere** - Succession in Salty water
- Oxalosere** - Succession in acidic up
- Psamosere** - Succession on Sand
- Xerosere** - Succession in dry region.