Primary Succession

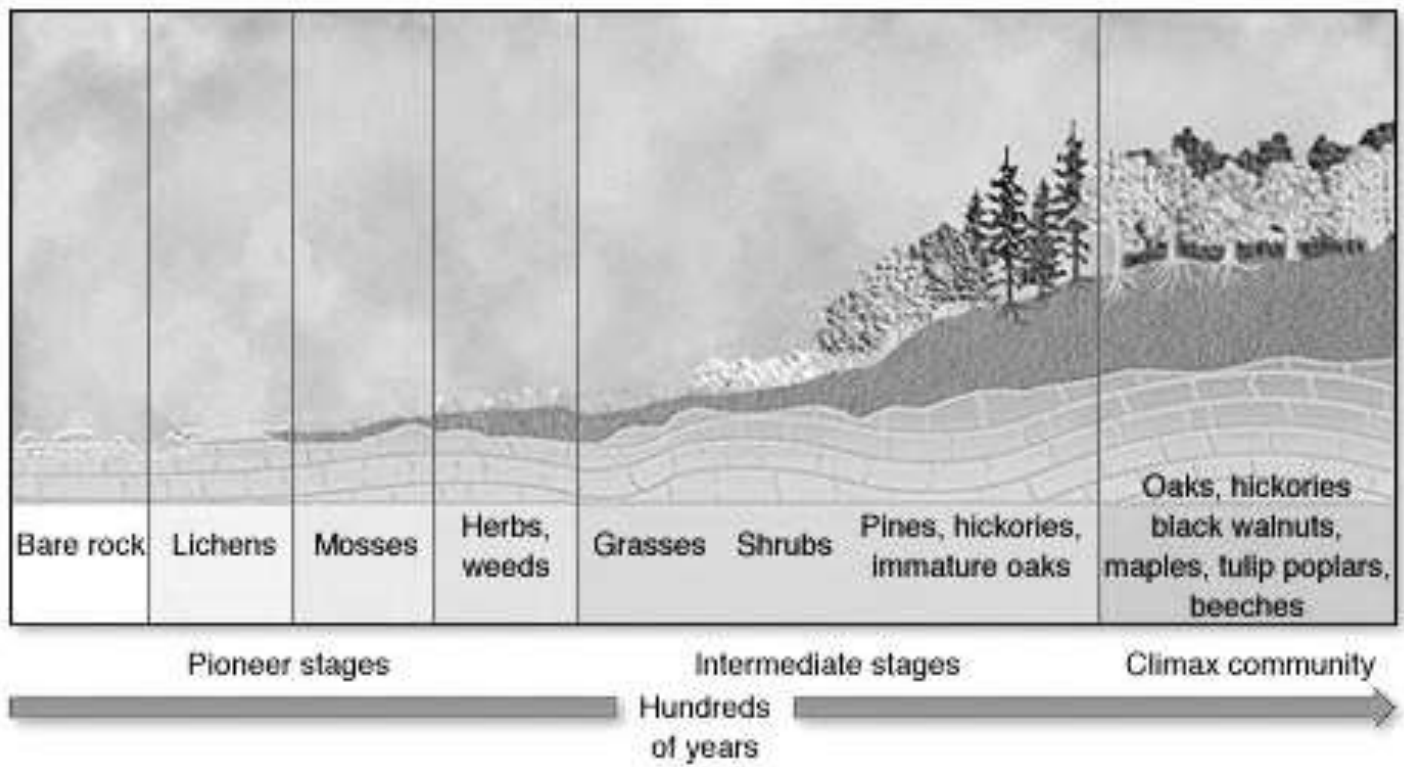| Bare rock | Lichens | Mosses | Herbs, weeds | Grasses | Shrubs | Pines, hickories, immature oaks | Oaks, hickories black walnuts, maples, tulip poplars, beeches |

Pioneer stages — Intermediate stages — Climax community

Hundreds of years

Secondary Succession

Secondary Succession

Pioneer Species → Intermediate Species → Climax Community

| Fire | Annual plants | Grasses and perennials | Grasses, shrubs, pines, young oak and hickory | Mature oak and hickory forest |
| 0 years | 1-2 years | 3-4 years | 5-150 years | 150+ years |