

- Mushroom, ink cap, 219.  
   life story of, 215, 221.  
   mycelium of, 217.  
   poisonous, 217-219.  
   shaggy mane, 220.  
   shelving, 232, 234.  
   spawn, 216.  
   spore print, 216.  
   spores, 216.
- Nitrogen, 124.
- Oak, life story of, 194-203.  
   moss-covered, 200, 201.  
   over-cup, 200, 201.  
   red, 197, 200.  
   scarlet, 196, 200.  
   white, 194, 198-200.
- Ovule, 192.
- Oxidation, 131.
- Oxygen, 123-125.
- Peat bogs, 251.
- Pepo, 174.
- Perennials, 43.
- Petioles, rigidity of, 83, 84.
- Pine, white, fruits of, 223, 225.  
   seeds of, 225.  
   struggles of, 222-237.
- Pines, bull, 229.  
   enemy of, a shelving mushroom,  
   232.
- Plant atoll, 250.
- Plant societies, 249-261.
- Pod, 169, 171, 172.
- Poison ivy, 55, 154, 155.
- Pome, 174.
- Pond scum, 117.
- Prickly lettuce, seeds of, 182.
- Prostrate plants, 42.
- Protoplasm, 92.  
   royal bit of, 193.
- Puffballs, 220.
- Pumpkin flower, 158-160.
- Raspberry, 172, 173.
- Receptacle, 171.
- Respiration, 126-131.
- Rhizome, 49.
- Roadside society, 259.
- Root hairs, 10, 11, 15, 16, 58, 59.
- Roots, air, 55, 56.  
   behavior of, toward moisture,  
   32.  
   bracing, 56.  
   fibrous, 55.  
   growth of, 24, 25.  
   pressure of, 87.  
   taproots, 54.  
   work of, 57, 87-93.
- Rootstock, 49.
- Samara, 182, 183.
- Scale scars, 37.
- Screw pine, bracing roots of, 56.
- Seedlings coming up, 1-6.
- Seeds, contrasted with fruits, 168.  
   germinating, 7-17.  
   how formed, 158, 192.  
   how scattered, 176-184.  
   winged, 182.
- Sensitive plant, 132-135.
- Shoots, winter, 33-39.
- Silk-cotton tree, bent by trade wind,  
   242.  
   bracing roots of, 57.
- Silkweed, seeds of, 177, 178.
- Skunk cabbage, 165, 167.
- Spawn of bracket mushroom, 233.
- Sperm, 193, 208, 209.