

## INDEX

- Endosperm, 22, 23, 209.  
 Ereet plants, 40, 41.
- Fern, bank of ferns, 205.  
 bracken, 211.  
 Christmas, 206.  
 fruit dots of, 205, 206, 208.  
 life story of, 204-211.  
 little spleenwort, 207.  
 maidenhair, 208.  
 polypody, 208.  
 prothallium of, 208-210.  
 spore cases, 205, 206.  
 spores of, 205, 206.  
 walking, 210.
- Fire, effects of, 233.  
*Fittonia*, 71, 72, 148.
- Forest, mixed, 231.  
 conifers above broad-leaved trees, 231.
- Forest societies, 253-256.
- Fruits, 168-175.  
 Fruits explosive, 177.
- Garden balsam, explosive fruits of, 176.
- Garden societies, 260, 261.
- Gas given off in starch-making, 121-125.
- Germ, 193, 208.
- Germ pocket of fern prothallium, 208, 209.
- Girdle scars, 37.
- Herbaceous plants, 44.
- Hydrogen, 124, 125.
- Hypocotyl, 19.
- Impatiens*, explosive fruits of, 176.
- Iodine, tincture of, 109.
- Jaek-in-the-pulpit, 164-166.  
 Jewel weed, explosive fruits of, 176.
- Leaf scars, 37.
- Leaves, 60-73.  
 autumn, 62.  
 color of, 60-62.  
 compound, 63-65.  
 dodder, 61.  
 duration of, 72.  
 evergreen, 202, 203.  
 Indian-pipe plant, 61.  
 mosaic of, 71.  
 position of, 67-70.  
 purslane, 61, 63.  
 simple, 63, 64.  
 spine-like, 66.  
 variegated, 61, 112, 113.  
 veins of, 72, 108.  
 wearing a mask, 65, 66.  
 work of, 73, 115.
- Life substance, 92, 193.  
 royal bit of, 193.
- Light, behavior of plants toward, 136-149.  
 effect of, on growth, 137-139.  
 importance of, in starch-making, 116, 117.  
 influence of, on leaves, 142-149.
- Lime-water, 127.
- Maple, seeds of, 183.
- Milkweed, seeds of, 177, 178.
- Mimosa*, 132-135.
- Moss, capsule of, 213, 214.  
 life story of, 212-214.  
 pigeon-wheat, 213, 214.  
 spores of, 214.
- Mushroom, bracket, 232, 234.  
 horse-tail, 220.