

INDEX

Abutilon, variegated leaf of, 111.
 Acorn, 174.
 Akene, 170.
Amanita, 217.
 American creeper, 154.
Ampelopsis, 154.
 Annuals, 42.
 Apple, 173, 174.
 Assimilation, 119.

 Banyan tree, 242, 243.
 Barium carbonate, 127.
 Barium hydrate, 127.
 Baryta-water, 127.
 Beggar needles, 170.
 Behavior of flowers, 156-167.
 Behavior of plants, 132-167.
 Berry, 172.
 Biennials, 43.
 Blackberry, 172.
 Bladder membrane, 76-78, 90.
 Breathing of plants, 126-131.
 Buds, 33-39.
 Bulb, 50.
 Burdock, fruit of, 183.
 Bur marigold, 170.
 seeds of, 183.
 Buttercup, flower of, 156, 157.
 Buttresses, 57.

 Cactus society, 257.
 Calcium carbonate, 127.
 Capsule fruit, 169.

Carbon dioxide, 123-131.
 Carbonic acid, 123, 125.
 Caulicle, 19, 20.
 Caustic potash, 129, 130.
 Cedar of Lebanon, 148.
 Cell, make-believe plant, 76-78.
 Cells, plant, work of, 79, 85.
 Chloral hydrate, 111.
 Clematis, seeds of, 182.
 Climbing by coiled stems, 151.
 by roots, 154.
 by tendrils, 152.
 Climbing plants, 150-155.
 Cobalt-chloride paper, 97.
 Cocklebur, fruit of, 183, 184.
 Compass plant, 143.
 Corm, 52.
 Cotyledons, 3-6, 12-15, 72, 73, 108.
 Cross pollination, 164, 167.
 Cypress tree, bent by wind, 240.

 Dandelion, curling of stem, 85, 86.
 seeds of, 178, 182.
 Desert societies, 256-258.
 Dodder, 151, 152.
 Drupe, 170, 173, 175.

 Earth stars, 220, 221.
 Elm, seeds of, 182.
Elodea, 115, 116, 121.
 Embryo, 19, 22.
 of fern, 209.
 Embryo case, 192, 193, 226.