

INDEX.

ABERCROMBIE, Dr., cited from, on | Armstrong, Rev. G., and reproduction of sensorial states, 112; on spectral illusions, 166; on memory, 430, 438, 439, 443, 451, 452; on dreaming, 587; on somnambulism, Abstraction, state of, 544-548 Acquired Habits, 213-217; maintenance of, 218, 345-351; hereditary transmission of, 90, 104, 371– 374; (see Habit) Acquired Intuition of common sense, Acquired Perceptions, 181-204; (see Perceptions) Actors, memory of, 452 Æsthetic Sense, 210; improvement of in race, 513, 514 Afferent nerve-fibres, 37, 38, 62, 63 Age, influence of, on psychical tendencies, 365-366 Alcoholic intoxication, 649-653 Alcoholism, 650, hereditary transmission of, 369, 370 Amanita, intoxication by, 642 Amœba, 41, 42 Amphioxus, nervous system of, 65 Anæsthesia, 152 Animal Life, apparatus of, 29, 31 Anthropomorphism, 701, 702 Aphasia, 446-448, 721 Apparent Death of Hindoo devotees, 552 note Apparitions, 209 Appold, Mr., his mode of invention, Arabs of Sahara, scent of, 141 Aristotelian dogmas, 409 Arithmetic, science of, 231

White, 402 Arnold, Dr., influence of, 358 Articulated animals, nervous system of, 50-61Artistic Power, hereditary, 373, 374 Artistic Representation, mental action in, 222, 259, 260 Ascending fibres of Cerebrum, 99, 100 Ascidian Mollusk, nervous system of, Assent, automatic nature of, 395Assimilating process, in memory, 449 Association, laws of, 251-259; constructive, 259, 260; droppingout of links of, 527-529; (see Suggestion) Associations, early, strength of, 344 Atkinson, Mr., his philosophy, 4 Attention, state of, 25, 130-132; physical condition in, 382-384; either volitional or automatic, 132-138; training of, 133, 136 Automatic, 132; in children, 133-135; contrasted with volitional, 138 Expectant, influence of, on production of movements, 283-392; on organic actions 682-690Volitional, 386-391; contrasted with automatic, 132-136; exercise of, in sensation, 137-147; in perception, 182, 183, 204-206; in succession of thought, 251, 262-264; in control over emotions, 330-336; in formation of beliefs, 399-403; in determination of conduct, 414, 420, 3 a 2

More information

724

Index.

sensation, 158; of paralysis of 422; in recollection, 467; in will, 385 imagination, 510-512 Authority, submission to, in matters Bertrand, M., on influence of expecof belief, 404, 405, 412

Automatic Action of Body, 16-24; tancy, 622 Binocular Microscope, invention of, 74-76: mechanism of, 213-218, 342, 343; (see Reflex Action) Binocular Vision, 189-191 Automatic Action of Mind, 25-28; in Biology, (see Electro-Biology) Birds, brain of, 79; instincts of, 80, attention, 132-135; in succession of thought, 262-275; in memory, 81; intelligence of, 85-90; ac-465-469; in common sense, 475, quired instincts of, 90 476; in judgments, 483; in Birkenhead, loss of, 355 imagination, 489-511; in ab-Biting Epidemic of nuns, 315 straction and reverie, 544-548; Blanco White and Mr. Armstrong, 402 Blind, tactile reading by, 141 in electro-biology, 548-567; in Blindness, congenital, cases of, 180, dreaming, 584-591; in somnambulism, 591-601; in hypnotism, 181, 188, 189 601-610; in intoxication, 636-Blood, special supply of to nervous 656; (see Children) system, 38; to brain, 39, 40 Blood-supply, dependence of nerve-force on, 380-385, 710, 711 Aversions, elementary forms of, 211 Awakening, conditions of, 567, 580-Body and Mind, general relations of, Axioms, fundamental, 226, 227; origin 1-15, 26-28of, 227-230 Braid, Mr., his case of exalted muscu-Axial Cord, general functions of, 23, 24, 64,719 lar sense, 143; of exalted sense of smell, 607; his experiments on Axioms, self-evident, 226, 227, 408 subjective sensations, 160-164; on odylic force, 518-550; on Axis-cylinder of nerve-fibres, 33 550-551; electro-biology. Baily, Francis, his account of Zerah hypnotism, 601-610 Colburn, 232-235 Brain, of fishes, 65, 66; of reptiles, 66-Bain, Prof., on association, 252 68; of birds, 79-82; of mammals, Balancing, action of, 214, 215, 474, 91-94, 116; of man, 95-100, 116; 475 (see Cerebrum, Cerebellum) Bank, loss of key in, 523 Breathing, movements of, 16-19, 73 Barclay, Captain, his power of sleep-Breda, siege of, 688 ing, 579 Brewster, Sir D., on conversion of Barristers, memory of, 436, 452, 453 relief, 195; his natural magic, 328 Beattie, Dr., his case of loss of Greek. Bridgman, Laura, her tactile discrimination, 141 Beauty, elementary notion of, 242 Brodie, Sir B., on unconscious cere-Beaver, brain of, 91; instincts of, 92 bration, 531 Bees, instincts of, 57-61 Brontë, Miss, her experiences of un-Beethoven, his deafness, 171 conscious cerebration, 535 Beliefs, formation of, 395; conform-Brown, Dr. T., on philosophic spirit, ableness to fabric of thought, 413 395-399; influence of will on, Brown-Séquard, on reparation of spinal cord, 76, 342; on epileptic 399-403; influence of Nomos on, 362, 403; (see Truth) guinea-pigs, 371 Beliefs, Primary, 226; origin of, 227-Brutal type, 425 Budd, Dr. W., his cases of reflex action, 70-72; his case of secondarily 230Bell, Mr. T., on shepherd's dog, 102

Bennett, Prof., his cases of subjective

automatic action, 75

More information

Cambridge University Press 978-1-108-00528-9 - Principles of Mental Physiology: With their Applications to the Training and Discipline of the Mind, and the Study of its Morbid Conditions William Benjamin Carpenter Index

Index.

725

Bushnell, Dr., on unconscious influences, 541, 542 rod, 292 Buttons, suspended, movements of, 283Buxton, Charles, ix CARLYLE, Thomas, 209, 412; his portrait of Coleridge, 269, 270 Carpenter, Dr. Lant, character of, 359 Carter, Mr., on emotional influence, 682Cataract, congenital, cases of, 180, 181, 188, 189 Caterpillar, instincts of, 61 Causation, meaning of, 693, 694; unity lysis of will, 385 of, 696, 697 Centric discharge of nerve-force, 381, Circle of Willis, 39 382, 710, 711 Cerebellum, in fishes, 66; in reptiles, 67; in birds, 79; in mammals, 121, 122; functions of, 716 Cerebration, Unconscious (see Unconscious Cerebration) 586, 590 Cerebrum, its general functions, 23-24; effects of its removal, 81; a super-Cod, brain of, 66 added organ, 64-85; in fishes, 65, 66; in reptiles, 67; in birds, 79; its evolution in mammalian tion, 232-235series, 93-100, 116, 117; its relation to intelligence, 95-98; its cortical layer, 94; its convolutions, 95, 117; of man, 94-100; its anatomical relation to sensorial centres, 99, 109-111; its automatic action, 105-109; the inholism, 370 strument of psychical or inner life, 120; its growth to habitual modes of action, 343-345; its subsequent maintenance, 347; special functions of convo-**47**3–476; lutions, 710-714 Centipede, its nervous system, 50-52; reflex action of, 53-55 Cephalic Ganglia, of Mollusks, 49-50; of Articulata, 51, 52 Chætodon, shooting of, 179 on uniformity of Chalmers, Dr., Nature, 705 Channing, Dr., on slavery, 401; on genius, 503, 505 Character, in what it consists, 250 Cheselden, his case, 188 Chevreul, M., on oscillations of sus-

pended buttons, 283; on divining-Chicks, newly-hatched, actions of, 80 Children, training of, 133-136; wilfulness of, 134, 135; first perceptions of, 176, 177; will of, 251; automatic mental action in, 264, 265; elementary feelings of, 210, 211; intellectual development of, 228; 232; arithmetical powers of, training of emotions in, 330, 331, 378; formation of habits in, 352-362; common sense of, 477 Christison, Sir R., his cases of para-Chronometry, unconscious, (see Time) Cineritious nerve-substance, 35 Clairvoyance, reputed, 629 Classification, nature of, 255 Cobbe, Miss, on hereditary hand-writing, 372; on fallacies of memory, 457; on dreaming, 585, Codrington, Sir E., anecdote of, 580 Cœnæsthesis, 174, 175 Colburn, Zerah, his numerical intui-Coleridge, Hartley, 370, 649, 653 Coleridge, S. T. automatic mental activity of, 267-270; his case of reproduced language, 437, 438; Charles Lamb's reply to, 500 Collyer, Rev. R., on hereditary alco-Common Sense, different definitions of, 471; universal or intuitive, 472; ordinary, 472, 476-479; special, 472, 479-481; genesis of, 477;in children, judgments formed by, 478, 481-483; use of, in science, 479-481; progress of, in race, 483-485; use of, dependent on will, 390, 391; suspension of, in dreams, 585, 586 Compound Association, law of, 258 Conduct, determination of, by preponderance of motives, 377, 418-423; by volitional control, 424-428 Conscience, nature of, 243-245, 249 Consciousness, seat of, 109-111 Consensual actions, 81-85

726

Index.

De Quincey, on opium, 644-648 Conservation of energy, law of, 230 Descending fibres of Cerebrum, 99, Constitutional taints, hereditary trans-100 mission of, 369, 370 Desires, elementary forms of, 211 Constructive Association, 259, 260 Diatheses, hereditary transmission of, Constructive Imagination, 487–503 369, 370 Contiguity, law of, 252-253 Dibdin, Rev. R. W., on Table-talking, Convergence of optic axes, 202, 203 301, 524-526 Conversion of relief, 191, 194-196 Dictation, anticipation of words in, 281 Convolutions of Cerebrum, 95, 117; Dimensions of Space, 410 special functions of, 710-714 Diorama, pictures in, 201, 202 Convulsive actions, 77-79 Direction, sense of, 185, 186 Cooper, Sir A., on secretion of milk, Discipline, value of, 355 678Discrimination of Sense-impressions, Correlation of Mind and Force, 6, 11-14 141, 142 Corpora Quadrigemina, functions of, Distance, perception of, 199-201 Divining power of genius, 480 Corpora Striata, 92, 99, 121, 715 Divining-Rod, 288–292 Corpus Callosum, 99, 116, 720 Dogs, sagacity of, 102-104; habitual actions of, 347; automatic action Cortical layer of Cerebrum, 95, 710 Coughing, act of, 17, 19, 47, 381, 382 of, 377, 378 Cretinism, hereditary transmission of, Domestication, influence of, 102, 107 Dominant Ideas, influence of, 281-315; Criminal reformation, 560, 423, 426 in electro-biological state, 556-Critchett, Mr., his case of cataract, 189 560; in somnambulism, 592 Crystal Palace, Chimpanzee at, 209 Double Consciousness, 459 Crystals, sensations attributed to, 159, Double Vision, 186, 187 160 Dramatic Imagination, 455, 495 Cuttle-fish, reflex action of, 49, 50 Drawing, hereditary aptitude for, 373 Dreaming, 584-591; sensations in, 157, DACOITS of India, 569 165, 171; suspension of volitional Damiens, his sleeping on the rack, 140, direction in, 391, 584; myth-Dancing Mania, 312-314 Darwin, Mr., on acquired instincts of making in, 585; rapid thought in, 588 Birds, 90; on handwriting, 372 Drowning, vivid memory in, 588 note Drunkards, responsibility of, 323, 651, Deaf and Dumb, vocalization of, 84, 206; lip-reading of, 204 652Death, from grief, 326; apparent of, Duty, sense of, elementary, 212; Hindoo devotees, 552 note moral and religious, notion of, 248, 249; habitual sense of, 356; Deductive reasoning, 256 its motive action, 415-424; not Deity, notions of, (see God) Deleuze, M., his directions to mesto act alone, 428 Durham, Mr. A., his experiments on merizers, 615 De Liefde, Rev. J., his case of som-nambulism, 593, 594 Sleep, 571 Dytiscus, reflex actions of, 55 Delirium, 653-656; phenomena of, 654; influence of suggestion in, ECSTATICS, stigmatization of, 689 Educability, of Bees, 58; of Wasps, 58; of Birds, 87-90 Delirium tremens, 656, 666 Education basis of, 9, 10; of will, 135, Insanity, 667-672; Delusions of genesis of, 672-674 251, 423-428; of attention, 133-Demonstration, nature of, 227; com-136; of self-control, 331-336

mon-sense basis of, 479, 480

378; of habits, 352–362

More information

Index.

727

Efferent nerve-fibres, 37, 38
Effort, sense of, 387-389
Ego, self-determining power of, 4-6, 25-28, 40, 376; distinguished from Non-ego, 177
Electric Discharge, its analogy to that of nerve-force, 380-382
Electro-Biology, 548-551; nature of the state, 552 555; its phenomena dependent on suggestion, 555-557, 564; possession by dominant ideas, 556; change of sensations, 557-560; direction of mental states, 561, 562; change of personal identity, 562,

567
Elliotson, Dr., on expectancy, 623
Emotional movements, 319-322, 325
Emotional sensibility, simple forms of, 173-175; higher forms of, 210-212

563; mental travelling, 564; in-

duction of sleep, 565; duration

of sleep, 566; awakening from,

Emotional states, their action through sympathetic system, 127; their influence on voluntary action, 322, 323, 384; on conduct, 415–423; on judgments, 482; affected by intoxicating agents, 638-640, 643, 649, 650; disorder of, in insanity, 660-671

Emotions, composite nature of, 316-318; production of movements by, 319-322; their influence on voluntary action, 322, 323; vent for, in movement, 324-326; in crying, 326; their effect on volitional effort, 327-330, 384; influence of will on, 330-336; their influence on judgments, 482; on secretion, 677-681; on nutrition, 681-690

Epidemic Delusions, 312-315 Epilepsy, 78; artificial, 710, 711 Epileptic guinea-pigs, 371 Equilibrium, maintenance of, 214, 215, 717

Erect progression, 213-215
Estlin, Mr., his case of congenital
cataract, 180, 181
Evidence halong of 277 mate 395

Evidence, balance of, 377 note, 395 Excito-motor actions, 124, 125 Excitor nerve-fibres, 37, 38, 62, 63 Expectant Attention, movements due to, 282; its influence on organic functions, 608-610; on production of disease, 683, 689; on cure of disease, 684-688

Expectation of success, its influence on volitional effort, 327-330

Experiences, co-ordination of, 475-481

Expression of Emotions, in movement, 218, 219, 319-322, 325; in mental states, 323, 324; in secretions, 326, 677-680; in nutritive action, 681-690

Externality, 6; sense of, 177, 226 Eyes, movements of, 22; convergence of, 202, 203; direction by Cerebellum, 716, 717

Fabric of thought, 396-399, 407
Faculties, Intellectual, 250, 260-262;
automatic action of, 250, 262,
264-275; volitional direction of,
251, 263, 276-278

Faith, its efficacy in cure of disease, 684-688

False Perceptions, 206-209

Fancy, 497
Fantasia of hachisch, 635-644
Fantasia Prof. on table towning

Faraday, Prof., on table-turning, 293, 294, 627 note

Faria, Abbé, his mode of inducing sleep, 579

Fatigue, sense of, bodily, 18; mental, 388, 389

Feelings, simple, 171-175; instinctive, 209-213

Feelings of others, consideration for,

Ferrier, Dr., his experiments on the Brain, 709-722

Fish, nervous system of, 61-66 Fistula lachrymalis, cure of, 685

Fleming, Dr., his experiments on sleep, 572

Force, relation of, to Mind, 10-14; notion of, in causation, 693, 694 Forces, Correlation of, 693-696

Form, perception of, 187-189; solid, perception of, 189-201

Foster, Mr., his spiritualistic performances, 308-310

More information

728

Index.

Franklin, Dr., on learning to swim, Frog, reflex actions of, 68, 69 Ganglia, nervous, 32, 35 Gangliated cord, of Articulata, 51-53; of cuttle-fish, 49, 50 Gauss, Prof., his abstraction, 547 Genius, nature of, 503; working of, 509-511; not to be acquired, 25; intuitions of, 230; divining power of, 480 Geology, common sense basis of, 480 Geometry, axioms of, 226, 227; basis of, 408, 409 Gillson, Rev. E., on table-talking, 299, 300 God, being and attributes of, 246, 247, 697 - 708Godfrey, Rev. N. S., on table-talking, 293, 299, 306 Goitre, hereditary transmission of, 369 Gout cured by expectancy, 688 Governor of steam-engine, 507, 508 Gregory, Dr. James, his case of somnambulism, 601 Greyhounds, adaptiveness of, 338 Grey nerve-substance, 35 Grief, death from, 326 Grog, reduction of, in Navy, 649, 650 Gromia, 42

Habit, relation of mental to corporeal, 337; connection of, with nutritive action, 337-341; with growth and maintenance of nervous system, 341-347; illustrations of, 347-350; importance of right direction of, 350-352; early formation of, 352-362; subsequent determination of, 362-366; volitional control over, 366-367; hereditary transmission of, 367-375; influence of, on sensations, 154, 155; on perception, 178; on movement, 213-218; on conduct, 414-424

Grote, Mr., on influence of Nomos, 362

Growth, physiology of, 337-339; of nervous system, 342-345; relation

of, to habit, 344

Guinea-pigs, epileptic, 371

Habits, influence of early, in religion

and morals, 243, 362, 363, 403-405; tenacity of, 349, 542, 543 Hachisch, fantasia of, 635-646 Hall, Robert, his mastery of pain, 138, 139 Hamerton, Mr., referred to, 222 Hamilton, Dr. R., his abstraction, 547 Hamilton, Sir Wm., on attention, 25; on unconscious record, 434; on common sense, 471; on latent mental modifications, 518, 527-Hamilton, Sir W. R., his invention of quaternions, 537 Hammock of Caterpillars, 61 Handwriting, hereditary, 372 Hansard, Rev. S., his early memory, 430, 431; effect of accident to, 450 Hare, Dr., on Spiritualism, 306 Hartley, Dr., on mental automatism, viii, note; his class of secondarily automatic movements, 16 note, 74 Hayden, Mrs., her spirit-rapping, 307, 308 Haydn, his volitional culture, 275, 276 - 279Hearing, remarkable acuteness of, 153: discriminative power of, 137 Heart, beating of, 16, 32 Hereditary Transmission in animals, 90, 104; doctrine of, 367, 368; of constitutional taints, 369; of results of alcoholic excess, 369, 370; of acquired peculiarities, 371-374; of mental aptitudes, 374, 375 Herodotus, his story of Scythians, 356 Herschel, Sir J., his visual spectra, 114 Hibbert, Dr., on Apparitions, 209 Hogg, James, on shepherd's dog, 102-104 Holland, Sir H., on effects of attention on bodily organs, 145; his temporary loss of memory, 441; on dislocation of memory, 447; on recovery of lost ideas, 521: on intermediate states between sleep and waking, 578 Holmes, O. W., on unconscious cere-

bration, 520-533, 534, 539

Holy Thorn, miracle of, 685

More information

Cambridge University Press 978-1-108-00528-9 - Principles of Mental Physiology: With their Applications to the Training and Discipline of the Mind, and the Study of its Morbid Conditions William Benjamin Carpenter Index

Index.

729

Homicidal Insanity, 664, 665 Ideational hyperæmia, production of Hook, Theodore, his improvisation, movement by, 383 494, 495, 649 Identity, personal (see Personal iden-Hooping-cough, 382 tity) Horse, control of by rider, 24; Ideo-motor actions, 124, 125, 279habitual actions of, 348 315 Hottentots, visual sense of, 142 Idiot, emotional excitement of, 325; Houdin, Robert, his culture of acute perception, 205, 206; his secondearly memory of, 431 arily-acquired automatic movements, 217 ligious, 708 Howe, Dr., on emotional excitement of idiot, 325 206 - 209Huber, on instinct of Caterpillar, 61 Hume, Joseph, his common-sense judgments, 478 Humour, 500-502 Hunter, John, his case of reflex action, 70 Huss, Dr., on alcoholism, 650 Huxley, Prof., on corpus callosum, 116; on sensation, 150 Hydrophobia, excitement of convulsion of, 83, 115 514 Hyperæmia, of nerve-centres, effects of, 381-384, 425, 710, 711 Hyperæsthesia, 152; hysterical, 153 Hypnotism, mode of induction of, 315, 654, 655, 666, 667 Improvisation, 492-496601; state of, 602; phenomena of, 143, 603-608 Hypochondriacal tendency, 683 405, 406 Hysteria, convulsion of, 79, 83; acute-Induction, nature of, 256 ness of sensibility in, 153; remarkable case of, 597 Hysterical temperament, 332; paralysis, 386 443-448 Insanity, 657; IAGO, 425 Ideal, aspiration after, 107; divine, 428, 701 Idealization, artistic, 260 Ideas, nature and formation of, 220-223; excitement of, by sensations, 168-171; signified by language, 223-225; succession of, 249, 250; automatic, 250-258; volitional, 251, 263; production of sensations by, 158-164; pro-

habitual actions of, 349, 350; Idols, mental, worship of, 401; re-Illusions, spectral, 113, 114, 165-168, Imagination, nature of, 487; Constructive, 488; automatic basis of, 489; volitional direction of, 488-492; action of, in improvisation, 492-496; in fancy, 497; in wit, 498; in humour, 500-502; Creative, 503; action of, in discovery and invention, 504-508; in art, 508-511; volitional action in, 511-512; culture of, 513, Imago, its relation to Larva, 58, 59. Imitation, morbid tendency to, 314, Impulsive Insanity, 664–666 Independent thinkers, tendencies of, Infants, nursery training of, 353, 354 Ingenuity, nature of, 503, 504 Injuries, impairment of memory by, deficient volitional control in, 658; connection of, with physical states, 558-560; mania, 660, 661; intellectual insanity, 661, 662; moral insanity, 663; monomania, 664; impulsive insanity, 664-667; delusions of, 667-672; genesis of, 672-674; influence of self-control on, 673-675; temporary, 323, 651; emotional excitement in, 325; change of identity in, 563; its relation to intoxication, 644, 651, 652 Insight of women, 417, 486 Instinct, contrasted with Intelligence, 57, 100, 101; unprogressive character of, 106, 107

tions, 316-318

220

duction of movements by, 279-

315; participation of, in emo-

Ideation, the representative faculty,

730

Index.

Instinctive Actions, 48; compound reflex nature of, 56; of Insects, Lancelet, nervous system of, 65 Language, the expression of ideas, 57-61; of Birds, 79-81; Beaver, 92, 93 223 - 225Languages, memory of, 440; forgotten and recovered, 437, 438; Instinctive Feelings, 209–213 Instinctive Movements in Man, 213-Larva, relation of to Imago, 58, 59; nervous system of, 52 Intellectual Operations, (see Faculties) Lateau, Louise, stigmatization of, 689. Intelligence, contrasted with Instinct, 690 101, 102; of birds, 85-90; of dogs, 102-104; proportioned to development of Cerebrum, 64; in Latent Mental modification, 514, 517 Law, government by, 706 Laws of Association, 251-259 Man, 95–98 Laws of Nature, 692-696 Internal Senses, nerves of, 99, 111 Laycock, Dr., on reflex action of the Internuncial function of nervous brain, 105; on unconscious ceresystem, 44 bration, 516; on aconite, 643, 644 Intoxication, state of, 636; by ha-Learning by heart, 344 chisch, 635-644; by opium, 644-Lecky, Mr., on toleration, 542; on 648; by alcohol, 649-653; affinity return of early states of feeling, of, to Insanity, 644, 651, 652; (see Delirium) Leibnitz, on unconscious mental action, Intuitions, primary, 226; origin of, 227-230; numerical, 231-235; musical, 235-241; secondary, 486 514, 518, 519 Lewes, Mr. G. H., on spirit-rapping, Intuitive Perceptions, 184, 185 Leyden, Dr, his power of memory, 451 Irrationality of Instinct, in Bees, 60; Lind, Jenny, imitation of, by factory in Beaver, 92, 93 Invention, 507, 508, 534–538 girl, 607 Lip-reading, 204 Involuntary Movements, 379; (see Au-Listening, act of, 137, 382 tomatic and Reflex Action) Locomotion, movements of, 17-19 Involuntary Muscles, 379 Loss of memory, case of complete, 460-465; partial, 442-448 Love, early influence of, 360-362; action of principle of, 417; un-JACKDAWS, nest of, 86 Jelly-specks, 41–44 Jesse, Mr., on nest of jackdaws, 86 conscious growth of, 540 Judgment, 262; immediate, action of Lyell, Sir C., on adaptiveness of greyin perception, 197, 198, 202; its hounds, 338 exercise in common sense, 471, 472, 476, 477, 481; by un-Macgregor, Mr., his instance of unconconscious cerebration, 531-533 scious cerebration, 521 Justice, formation of idea of, 357-359 Madden, Dr., on Rutter's Magneto-Juvenile Reformation, 9, 10, 423, 426 meter, 286 Magnetism, Animal (see Mesmerism) KEPLER, ingenuity of, 504; laws of, Magnetometer, Rutter's, 286, 288 692Magnets, sensations attributed to, Key, loss of, in bank, 523 159 - 164King's Evil, touching for, 686 Maintenance, nutritive, 339, 340; of Kitto, Dr., case of, 216; children of, nervous system, 345, 346 Malaise, sense of, 173 Knight, Mr. T. A., on hereditary trans-Mammalia, brain of, 91–100 mission, 104 Man, Brain of, 94-100; Psychical

LAMB, Charles, 269, 500

peculiarities of, 106-108

Mania, 660, 661

More information

Cambridge University Press 978-1-108-00528-9 - Principles of Mental Physiology: With their Applications to the Training and Discipline of the Mind, and the Study of its Morbid Conditions William Benjamin Carpenter Index

Index.

73 I

Manning, Archbishop, referred to, 5, 6, elucidated by those of hypnotism, 616—618; influence of expectancy in, 618-623; no special rapport, 623-625; tendency to self-deception in, 626; relative 136, 333 Mansfield, Lord, his advice, 482 Mantis, reflex actions of, 54, 55 Martineau, Miss H., her philosophy, 4; her account of an idiot, 349, 350, credibility of asserted phenomena of, 626–635 Metallic Tractors, 686 Martineau, Rev. J., his character of Mewing Epidemic of nuns, 315 Dr. Lant Carpenter, 358, 359; on conscience, 244; on relation of Science to Religion, 691, 708 Milk, induction of renewed flow of, 609; influence of Emotions on, 678 - 681Mask, conversion of relief of, 195, 196 Materialistic hypothesis, 2-7 Mill, Mr. J. S., referred to, 131, 519, Mathematics, 226, 227; basis of, 408, 529, 692; letter from, 486 409; nature of reasoning in, 479, Mind and Body, general relations of, 480; imagination in, 507 1-15, 26-28Mind, automatic activity of, 25-28; Matter, its relations to Force, 11 (see Automatic action of Mind) Mayer, Dr., on conservation of energy, Mollusks, simple nervous system of, 230 45-47; higher forms of, 49, 50 Mayo, Mr. H., on maintenance of Mongols, visual sense of, 142 equilibrium, 215; on movements of suspended bodies, 284, 285; Monocular vision, 192–197 on divining-rod, 290 Monomania, 664; delusions of, 667-Medallion-engravings, monocular view Moon, stereoscopic photographs of, of, 193 Medulla Oblongata, 63, 73, 119 Medullary substance of cerebrum, 94 Moore, Mr. C. H., on going to sleep, Memory, nature of, 409; automatic character of, 465, 466; instances Moral Insanity, 323, 663 Moral Sense, elementary form of, 212; of early, 430, 431; reproduction of sensations by, 432, 433; repronature of, 243-245; its suspenduction of ideas by, 433, 434; resion in dreams, 586 Moreau, M., on hachisch, 635-644 cord left by impressions, 434-436; Morell, Dr. J. D., on perception, 176, physical traces of, 436-439; conditions of, 439-441; impairment 177; on æsthetic sense, 210; on ideas, 220 note; on education of of, in old age, 442; by disease and will, 424 injury, 443-448; assimilating Morgan, Jemmy, case of, 180, 181 action in, 449; time required for Motives, different classes of, 414-418; recording process, 450; different kinds of, 450-453; not everything relation of, to will, 418-423 Motor nerve-fibres, 37, 38, 62, 63 recorded, 454; recognition re-454-456; fallacies of, Mozart, intuitive gifts of, 236-241; quired, 456-458; double consciousness, automatic action of, 271-275; his improvisation, 496 459; complete loss of, 460-465; Muscular Power, influence of emoculture of, 469, 470; (see Recoltion on, 327, 328; in hypnotism, lection) 606 Mental action, dependence of, on Phy-Muscular Sense, 83, 84; guidance afforded by, 214, 215; exaltation sical antecedents, 12, 13, 40, 382 Mental aptitudes, hereditary transmission of, 374, 375 of in somnambulism, 143 Mesmeric Force, supposed, 618-623 Muscular Suggestion in hypnotism, 605 Mesmerism, 311; different phases of Music, science of, 235; loss of memory

for, 443

belief in, 609-616; phenomena of,

732

Index.

Musical Intuition, 236-241 Musical Performance, automatic nature 217; hereditary tude for, 373 Myths, origin of, 458, 459 Myth-making, in dreams, 585, 586, 590; in mesmerism and spiritualism, 630, 634 NASMYTH's steam-hammer, 508 Nature, Laws of, 692-696 Order of, 692, 697, 703-708 Uniformity of, 226, 241, 705 Unity of, 696 Will in, 703-708 Nausea, reproduction of, 432 Navy, reduction of spirit-allowance in, 649,650 Nerve-cells, 33, 35, 36 Nerve-fibres, structure of, 33-38 Nerve-force, production of, 13, 380; dependence of, on bloodsupply, 380-385; discharge of, 381-384, 710-712 Nerve-trunks, 32, 33 Nervine Stimulants, habituation of system to, 154, 173, 653 Nervous circle, 46 Nervous System, simplest form of, 32, 33; elementary structure of, 33-38; in Ascidian, 45-47; of higher Mollusks, 49, 50; of Articulata, 51-53; of Insects, 52-54; of Vertebrata, 61-64; of Fishes, 65, 66; of Reptiles, 66-69; of Birds, 79-82; of Mammals, 91-100; general relations of parts of, 118-125; habituation of, to nervine stimulants, 154, 173; its growth to its mode of exercise, 75, 76; to particular modes of feeling, 154, 155, 173; to acquired perceptions, 181, 182, 204; to secondarily automatic movements, 213-218; to modes of thought, 228, 229; its reconactivity, structive 341-344; greatest during growth, 344; its subsequent maintenance, 345, 346; its decline, 346, 347 (see Cerebrum, Cerebellum, Spinal Cord,

Newton, Sir I., his ocular spectra, 166; his formula for solution of equations, 235; his genius, 504-507Nicolai, case of, 167 Niebuhr, his reproduction of visual sensations, 112 Noble, Dr., on emotional sensibility, 175; on fallacies of memory, 457, 458; his mesmeric experiments, 619-622 Nomadic habits, persistence of, 364, 365Nomos, influence of, 362, 363, 403, 405 Numerical Intuition, 230-235 Nuns, mewing and biting of, 315 Nutrition, general laws of, 337-340; affection of, by nervine stimulants, 154, 173; by emotions, 678 - 681OBEAH practices, 683 Objective Truth, 410, 411 Obligation, habitual sense of, 356 Odyle, sensations attributed to, 159, 160; movements attributed to, 284, 285 Odylic force, Mr. Braid on, 548-550 Old Age, impairment of Memory in, Order, formation of habit of, 353-Order of Nature, 692, 697, 703-708. Organic Functions, influence of emotions on, 676-682; influence of expectancy on, 608-610, 682-688; of religious impressions on, 688-700 Organic Life, apparatus of, 30, 31 Oxygenated Blood, need of, for Mental activity, 40 PAGET, Sir J., on formative action, 340; on unconscious chronometry, Pain, feelings of, 171-173; distraction of attention from, 138-140 Palmer, Mr., on parrots, 89, 90 Pantheism, 701, 702 Papillæ of Touch, 36 Paralysis of lower limbs, reflex move-

ments in, 70-72

Newman, Francis, on the Soul, 107

Sympathetic System)

Index.

733

Paralysis of will, 385, 647; hysterical, Protoplasm, 41–46 Pseudopodia of Rhizopods, 36, 41, 42 Parrots, their intelligence, 89, 90 Pseudoscope, 191, 199 Paternal Character of God, 707 Prudential motives, 415, 416 Perception, elementary, nature of, 176, 177; formation of, 178, 179; QUATERNIONS, invention of, 537 acquirement of, 180-182; atten-Queen-bees, artificial production of, tion required for, 183, 184; of 59, 60 direction, 185, 186; of singleness of object, 186-187; of form, RABBIT, brain of, 91 187-189; of relief, 189-199; of Race, improvement of. 107, 108; in distance, 199-201; of size, 201acuteness of sensibility, 141, 142; in primary intuitions, 228-230; 204; an act of judgment, 197, in numerical faculty, 230, 231; in musical faculty, 235-241; in 198, 202 Perceptions, first, of children, 176, 177; instinctive, 179; acquired, moral and religious ideas, 249; in 180-182; false, 206-209 intellectual and moral nature, Perkins's Metallic Tractors, 686 336, 374, 375; in common sense, Personal Identity, sense of, 455; change of, in biologized subjects, 483-486; in sense of beauty, 513, 514; (see Hereditary Transmis-562, 563; in insanity, 668 sion)Personality of the Deity, 701, 702 Perspective, rules of, 222 Radcliffe, Dr. C. B., 264 Radiating fibres of Cerebrum, 99 Peruvian Indians, scent of, 141 supposed mesmeric, 623-Rapport, Phosphènes, Dr. Serre on, 186 625Rationalism, progress of, 484 Reason (see *Intelligence*) Photographs, monocular view of, 193 Physical Causation of Mental action, 12, 13, 40, 382 Reasoning processes, 260-262 Physical manifestations, reputed, of Recollection, of sensations, 433; of ideas, 466–469, 519–523 Mesmerism and Spiritualism, 631, Reconstructive activity of nervous Picturesque, sense of, 513, 514 system, 341-344Pigeon, actions of, without Cerebrum, Recording process, physical nature of, 436-452 Reflex Action of Nervous System, 46; Planchette-writing, 302-305 Pleasure, feelings of, 171–173; their in Ascidian, 47; in Centipede, 53, share in Emotions, 316–319 54; in Mantis, 54, 55; in Dytis-Poet, imagination of, 488-492, 509cus, 55; of spinal cord in Frog, 68, 69; 'in Man, 70-79; of sensory 512; reverie of, 544, 545. ganglia, 81-85; of cerebrum, 105, 123, 124, 130, 279, 473, 717 Reformation, criminal, 360, 423, 426 Power, notion of, in causation, 693, 694; unity of, in Nature, 696, 697 Preconscious activity of the Soul, 352, Regularity, formation of habit of, 353-353; (see Unconscious Cerebration) 356Reichenbach, on Odyle, 159, 160 Preponderance of evidence, 377 note, 395; of motives, 377, 418-424 Reid, Dr., on common sense, 471; on dreaming, 590 Primary Beliefs, 226; origin of, 227-Rejuvenescence, continual, 339 230Relief, perception of, 189, 190; con-Principles of Action, 418-425 Progress, of common sense 483-485; version of, by pseudoscope, 191; notion of, given by flat picture, of imagination, 513, 514; (see Race) 192-194; conversion of, by single Progressive nature of Truth, 409, 411 eye, 194-196

734

Index.

Religion, real nature of, 700, 701; Selective Attention, 147 (see Attention) harmony of, with science, 703-Self-control, acquirement of, 330-336; 708influence of, in insanity, 663, Religious Ideas, 246, 247 673–675 Religious Impressions, their influence Self-determining power, a fundaon bodily action, 312-315, 688mental fact of consciousness, 5, 6 Self-direction of conduct, 418, 420 Sensation, nature of, 111, 148; general Representation, mental, 220, 221 and special, 149; localization of, 150; radiation of, 150, 151; de-Respiration, movements of, 16-19, 73 Retina, structure of, 36 pendence of, on blood-supply, Reverie, state of, 544-548 (see Electro-Biology)151; diminution and exaltation Reynolds, Dr. J. R., his case of loss of of, 152, 153; its dependence on memory, 414 change of state, 154, 155; depen-Reynolds, Sir J., on genius, 509 dence of ideas upon, 168-171; Rhizopods, pseudopodia of, 36, 41, 42; association of pain or pleasure casings constructed by, 42, 43 with, 171–178 Right, elementary notion of, 243; for-Sensations, production of, by cerebral mation of notion of, 357-359; its states, 111-116, 157-168; repromotive action, 415-424 duction of, by memory, 112, 413, Rooks, their recognition of Sunday, 88 431-434; change of, in electro-Routine, slavery to, 348, 349 biological state, 557-560 Sensations, subjective, 155-168 Rush, Dr., his cases of recovery of Sensibility, emotional, simple forms of, 173-175 forgotten language, 437, 448 Ruskin, Mr., on science and poetry, 506 note exalted, of hypnotized subjects, Rutter, Mr., his magnetometer, 286, 143, 607 Sensori-motor actions, 57, 81-85, 124, SATANIC type, 425 Sensorium, relation of, to Cerebrum, Scar, nutritive maintenance of, 340, 109-111; reproduced states of, 113 Sensory Ganglia, 81-85, 119, 120 Schwann, white substance of, 33, 35 Sensory Nerves, 37, 38 Science, supposed atheistic tendency Serre, Dr., on phosphènes, 186 Shakspere, his pre-eminent gnius, 509; its spontaneity, 511; his of, 698-700; harmony of, with religion, 703-708 Scott, Sir Walter, his mastery of pain, humour, 502 139; his spectral image of Byron, Shark, brain of, 66 207; his dictation, 281; his loss Shepherd's dog, 102-104 of memory, 444; his constructive Sign-language, 223 490 - 492; Similarity, law of, 253-258 Simpson, Sir J., on electro-biological imagination, humour, 502 Scurvy, cured by expectancy, 688 sleep, 566 Seal, conversion of relief of, 195, 196 Single Vision, conditions of, 186, 187 Sea-sickness, paralysis of will in, 385; Size, estimation of, 201-204 Sleeman, Mrs., her dream, 589, 590 Sleep, state of, 568, 569; necessity for, 570; state of brain-circulation in, induction of, by suggestion, 432 Secretions, influence of emotions on, 677 - 681Secondarily-automatic Movements, 16-571-573; conditions predisposing 24, 74-76; growth of nervous system to, 213-218, 342, 343, to, 574-576; intermediate states. 577, 578; influence of expecta-473 - 475tion, 579-580; awakening from, Secondary Intuitions, 486 580-583; induction of, in electro-



Index.

735

biological state, 565, 566; dura-Stunning, nature of, 39 tion of, 566; awakening from, 567; riding in, 75; reporting in, Subjective Sensations, 155-168 Subjective Truth, 408-410 719; piano-performance in, 75 Succession of Mental states, 249-250: (see Dreaming and Hypnotism) uniformities of, 250; influence of Sleep-talking, 591, 559, 597, 598 Sleep-walking, 215, 591, 596, 608 will on, 250-251 Sucking, act of, 48, 73 Smell, exaltation of sense of, 141; in Sugden, Sir E., his memory, 449 hypnotic state, 607 Suggestion, effect of, 18, 27; in directing child's mind, 135; in elec-Sneezing, act of, 17, 82 Solidity, perception of, 189–201 tro-biological state, 555-557, 564; Solitary bees, instincts of, 58 in hypnotism, 603-605; in in-Somnambulism, 591-601; (see Hypnotoxication, 641, 644, 646; delirium, 654, 655; in insanity, 667, 670, 671 (see Association) Soul of Man, 107 Southey, his volitional power, 276 Suicide, imitative tendency to, 666, Spalding, Mr., his experiments 667newly-hatched chicks, 80 Sunday, recognition of, by Birds, 88, 89 Sparrows, measurement of time by, Suspended bodies, movements of, 283-Swallowing, act of, 47, 48 Spectral Illusions, 113, 114, 165–168, 206 - 209Swearing, involuntary, 282 Speech, act of, 20, 21; of deaf and Sylvester, Prof., his rationale of Newdumb, 84; movements of, 215, ton's formula, 235; on imagination in mathematics, 507 note Spencer, Mr. Herbert, on origin of Primary Beliefs, 228; on Uni-125-129; its Sympathetic System, connection with the cerebroformity of Nature, 692, 693 spinal, 126; its vaso-motor action, Spinal Cord of Vertebrata, 61, 62; of 127; its sensory endowments, Fishes, 66; of Reptiles, 67, of Birds, 79; reflex actions of, 68-128; its influence on nutrition, 12970; in Man, 70-79; its reunion after section, 76, 342 TABLE-TALKING, 297; Mr. Godfrey on, 298, 299; Mr. Gillson on, 299, Spiritualistic hypothesis, 7-10 300; Mr. Dibdin on, 301, 524, Spiritual communications, 296; by tables, 297-301; by planchette, 302-305; by raps, 307-310 525; other experiences of, 303, 304, 457; unconscious cerebration Spiritualism, different phases of belief in, 524–526 in, 609-616; phenomena of, 115, Table-turning, 293; Prof. Faraday on, 293, 294; self-deception in, 295-165; elucidated by those of Electro-biology and Hypnotism, 297, 627 note 616-618; incredible marvels of, Tact, nature of, 417 396; tendency to self-deception Tears, secretion of, 677; relief by, in, 625; relative credibility of phenomena of, 626-635; Teething, convulsions of, 77 Telegraph, Electric, analogy of, to nervous system, 37, 38, 40 Planchette-writing, Table-talking, and Table-turning) Temperature, extraordinary acuteness Steam-engine, invention of, 507 Steam-hammer, invention of, 508 of sense of, 607, 623 Temporary Insanity, 323, 651 Stereoscope, 189, 190, 198 Tension, nervous, 380-384 Stewart, Prof. Dugald, 1 Tetanus, 78 Stigmatization of Ecstatics, 689 Terebella, formation of tube by, 43 Stork, intelligence of, 87, 88

736

More information

Index.

Thalami Optici, 92, 99, 121; functions of, 715 Theology, its antagonism to Science, 698, 699, 708 Three, Yanco name for, 231 Tickling, idea of, 319 Time, measurement of, by animals, 88, 347, 348; by idiot, 349; in sleep, 566, 583 Todd, Dr., on delirium, 654 Toleration, Mr. Lecky on, 542 Touching for the King's Evil, 686 Training, effect of, 355, 356, 378 Tricks, tendency to, 373 Truth, elementary notion of, 242; search for, 399, 407–413; necessary, 226, 408-411; subjective. 408; objective, 410; progressive nature of each, 409, 412 Tubercula Quadrigemina, functions of, 715 Tubular nerve-substance, 35 Tucker, Abraham, on unconscious cerebration, 531 Tuke, Dr., his cases of false perception, 207, 208; on emotional influence, 682; on cure of warts,

Turtle, brain of, 67

Unconscious Cerebration, nature of, 515-517; Sir W. Hamilton on, 518, 527-529; Mr. J. S. Mill on, 519, 529; Miss Cobbe on, 519, 520, 526, 527; Sir H. Holland on, 521; O. W. Holmes on, 520, 533, 534, 539; Abr. Tucker on, 531; Sir B. Brodie on, 531; Sir J. Herschel on, 114; action of, in recollection, 519-523; in tabletalking, 524-526; in directing movements, 526-527; in supplying links of suggestion, 527-530; in arrangement of thoughts, 531; in formation of judgments, 531-533; in invention, 534-539; in emotional states, 539, 540; in unconscious influences, 541, 542;

Tylor, Mr. E., on sign language, 223;

tenance of, 339-342, 345-347

ment, 337-339, 342-345; main-

on Spiritualism, 635 Type, acquirement of, by develop-

in recurrence of early states of feeling, 543 Unconscious Chronometry (see Time) Unconscious Co-ordination of experiences, 475-481 Unconscious Influences, 541, 542 Unconscious Muscular action, 283-315 Uniformity of Nature, 705; idea of, 226; its genesis, 241 Unity of Nature, 696 VAN SWIETEN, reproduced nausea of, 432 Vaso-motor nerves, 127, 128; regulation of nerve-force by, 380-385; influence of, on memory, 448; on sleep, 573; on hysteric coma, 573 Ventral Cord of Articulata, 52-61 Vertebrated animals, Nervous system of, 61-64 Visual discrimination, 142 Vocalisation, act of, 20, 21, 215, 216 Volitional Actions, distinguished from voluntary, 16-24, 384; from automatic, 16-20, 378-380; physical conditions of, 380-386, 424, 425; influence of emotions on, 327-330 Volitional Control over succession of thought, 251, 262-264, 276-278, 386-395; over habit, 366, 367; over beliefs, 395-413; over conduct, 413-428; (see Will) Voluntary Movements, distinguished from volitional, 16, 24, 384 Voluntary Muscles, 379

Watt, James, his invention of the steam-engine, 507; of the governor, 507, 508
Watts, Dr. 378
Welch language, loss and recovery of, 437, 438
Well-being, sense of, 173
Wenham, Mr., his invention of the binocular microscope, 538

Walking erect, 213-215, 474
Wallace, Mr. A. R., referred to, 627 note
Waller, Dr., on regeneration of Nerves,

Walking, act of, 18-20

Warts, charming of, 687



Index.

737

Wheatstone, Sir C., on binocular vision, 189-191, 196, 202-203
White nerve-substance, 35
Wilfulness of children, 134, 135
Wilkinson, Dr. Garth, on hypnotism, 603-605
Will, definition of, 376, 392; action

of, on bodily mechanism, 21-24; control of, over muscular movement, 123, 281, 377-384, 424, 425; paralysis of, 385, 647; control of mental activity by, 25-28; exerted through selective attention, 109, 132-136; influence of, on succession of thought, 251, 262-264, 276-278, 386-390; influence of, on emotions, 330-336; control of habit by, 366, 367; initiating power of, 378, 418; restraining power of, 378, 384, 420; directing power of, 386-391; influence of, on beliefs, 395-413; on conduct, 413-428; relation of, to motives, 413-423; modifying power of, 414, 420; determining power of, 423-428; education of, 423, 424, 427, 428; action of, in memory, 466-470; in common sense, 482; in constructive imagination, 488-492; in creative imagination, 509-511; suspension of, in reverie and abstraction, 544-548; in electro-biological state, 553; suspension of, in dreaming, 584; in somnambulism, 591; in intoxication, 636, 640, 647, 649-653; in insanity, 657, 658, 673, 674; (see Volitional Actions.)

Will in Nature, 703-708
Willis, circle of, 39

Witchcraft, delusions of, 654, 655; decline of belief in, 484; testimony in, 634

Wit, 498

Words, the signs of ideas, 223-225; unconscious combination of, 529 Wordsworth, on imagination and

Wordsworth, on imagination and fancy, 497; on working of genius, 510, 511

Worker-bees, 59, 60 Wren, intelligence of, 86, 87

YAWNING, excitation of, 82, 115

ZERAH COLBURN, 232-235 Zschokke, Heinrich, his asserted divining power, 633