Mammals, special senses of, 57; sight, 92; hearing, 93-4; taste and touch, 94; colour, 99; memory of, 124; perception of young, 131; imagination of, 146-54; instincts of young, 164-5; mistaken instincts of, 169; trivial and useless instincts of, 176; attachment between different species of, and with other animals, 184-5; imitation in, 223-5; teaching their young, 227; local variations of instinct in, 247-50; migrations of, 286; homing faculty of, 289-91; feigning death, 304-5; emotions of, 345-7.

Man, mental evolution of, questioned by some evolutionists, 8-10; subjective and ejective evidence of mind in, 15, et seq.; relation of size of brain of, to intelligence, 45; substitution of machinery by, for muscular action, 59; imagination in, 144, 152-4; sense of direction in, 291-3; imperfection of hereditary endowments of, 326; reason alleged special prerogative of, 335-40.

Mania, analogous to convulsion, 44.

Marshall, Professor John, on sense of smell in Octopus, 89; on sense of sight in Surinam Sprat, 90.

Martins, nidification of, 210-11; warning chickens against hawks, 221-2.

McCready, on larvæ of a Medusa sucking their parent, 259-60.

Medusæ, larvæ of, sucking parent, 259-60; following light not instinctive, 258; nervous system of, 24, 28; special sensation in, 56, 81-83.

Melanerpes formicivorus, peculiar instinct of, 255.

Memory, of ganglia without consciousness, 35-6; analysis of, 111-17; of infant, 114-16, 120-1; in Mollusca, 121-2; in Echinodernata and Crustacea, 122; in Insects, 123; in Fish, 123; in other Vertebrata, 124; as involved in perception, 129-30.

Merejkowsky, on colour-sense of Daphnea pulex, 98. Merganser, instinct of the, in feigning injury, 316. Merrill, G. C., on sense of direction in man, 292.

Mierzejewskis, Dr., on relation of intelligence to mass of brain, 44.

Migration, 281-97.
Mill, James, on composite ideas, 44.

Mill, J. S., ignores heredity, 256; on reason, 336-7. Milton, on reason of animals, 340; on imagination, 154.

Mind, Criterion of, 15-23; considered as subject, object, and eject, 15-16; activities indicative of, 16; physical basis of, 34-46; root-principles of,

Missel-thrush, variation in nest-building of the, 182.

Mitchell, Sir J., on dogs learning how to attack the Emu, 221.

Mivart, St. G., on reason, 325, 335-40.

M'Lachlan, R., on instincts of the Caddice-fly, 191.

Mocking-bird, 222.

Modesty, sense of, 193.

Moggridge, on instincts of ants, 168, and on individual variations of the same,

Mollusca, consciousness in, 77; special senses of, 56, 88-9; memory in, 121-2; imagination in, 145-6; emotions of, 344; grade of mental evolution of, 349.

Molothrus, parasitic instincts of, 251-2, 273-4.
Monboddo, Lord, on homing faculty of a snake, 153-4.

Monkeys, sense of musical pitch shown by, 93; imagination in, 151; differences in disposition of, 188; instinctive dread of snakes shown by, 195; love of imitation shown by 225; feigning death, 311-12; using tools, 252.

Montagu, Col., on attachments between animals of different species, 184-5.

ide, 278.

at, 189; ing death,

sations as ; on preary trans-

velopment

n ants, 87 🛊

on memory

, 188; on mitating a of burying