

- MARIANNE Islands, varieties of *Pandanus* in, ii. 243.
- MARKHAM, GERVAISE, on rabbits, i. 108, ii. 188.
- MARKHOR, probably one of the parents of the goat, i. 105.
- MARQUAND, cattle of the Channel Islands, i. 84.
- MARRIMPOEY, inheritance in the horse, i. 455.
- MARROW, vegetable, i. 380.
- MARRYATT, Capt., breeding of asses in Kentucky, ii. 223.
- MARSDEN, notice of *Gallus giganteus*, i. 246.
- MARSHALL, Dr. W., on *Gallus sonneratii*, i. 245.
- MARSHALL, Mr., voluntary selection of pasture by sheep, i. 100; adaptation of wheats to soil and climate, i. 334; "Dutch-buttocked" cattle, i. 452; segregation of herds of sheep, ii. 81; advantage of change of soil to wheat and potatoes, ii. 128; fashionable change in the horns of cattle, ii. 195; sheep in Yorkshire, ii. 221.
- MARTENS, E. VON, on *Achatinella*, ii. 28.
- MARTIN, W. C. L., origin of the dog, i. 16; Egyptian dogs, i. 18; barking of a Mackenzie River dog, i. 27; African hounds in the Tower menagerie, i. 33; on dun horses and dappled asses, i. 58; breeds of the horse, i. 51; wild horses, i. 53; Syrian breeds of asses, i. 65; asses without stripes, i. 66; effects of cross-breeding on the female in dogs, i. 436; striped legs of mules, ii. 16.
- MARTINS, defective instincts of silkworms, i. 321.
- MARTIUS, C., fruit-trees of Stockholm, ii. 297.
- MASON, W., bud-variation in the ash, i. 408.
- MASTERS, Dr., on bud-variation and reversion, i. 403; potato-grafting, i. 421; on pollen within ovules, ii. 387; reversion in the spiral-leaved weeping willow, i. 408; on peloric flowers, ii. 32; on *Opuntia*, ii. 274; pelorism in a clover, ii. 338; position as a cause of pelorism, ii. 338, 339.
- MASTERS, Mr., persistence of varieties of peas, i. 348; reproduction of colour in hyacinths, i. 463; on hollyhocks, ii. 85; selection of peas for seed, ii. 184; on *Hibiscus syriacus*, ii. 276; reversion by the terminal pea in the pod, ii. 340.
- MASTIFF, sculptured on an Assyrian monument, i. 17, ii. 424; Tibetan, i. 37, ii. 268.
- MATTHEWS, PATRICK, on forest trees, ii. 223.
- Matthiola annua*, i. 429, 463, ii. 71.
- Matthiola incana*, i. 407, 429.
- MAUCHAMP merino sheep, i. 104.
- MAUDUYT, crossing of wolves and dogs in the Pyrenees, i. 24.
- MAUND, Mr., crossed varieties of wheat, ii. 110.
- MAUPERTUIS, axiom of "least action," i. 13.
- MAURITIUS, importation of goats into, i. 105.
- MAW, G., effects of change of climate, ii. 300; correlation of contracted leaves and flowers in pelargoniums, ii. 324, 325.
- MAWZ, fertility of *Brassica rapa*, ii. 148.
- Maxillaria*, self-fertilised capsules of, ii. 114.
- Maxillaria atro-rubens*, fertilisation of, by *M. squalens*, ii. 114.
- MAXIMOWICZ, direct action of pollen, i. 431.
- MAYERS, on gold-fish in China, i. 312.
- MAYES, M., self-impotence in *Amaryllis*, ii. 120.
- MECKEL, on the number of digits, i. 458; correlation of abnormal muscles in the leg and arm, ii. 314.
- MEDUSÆ, development of, ii. 364, 379.
- MEEHAN, Mr., weeping peach, i. 461; effects of parasites, ii. 275; comparison of European and American trees, ii. 270.
- Meles taxus*, ii. 134.
- MELONS, i. 383, 384; mongrel supposed to be produced from a twin-seed, i. 427; crossing of varieties of, i. 430, ii. 86, 109; inferiority of, in Roman times, ii. 200; changes in, by culture and climate, ii. 264; serpent, correlation of variations in, ii. 324; analogous variations in, ii. 341.
- MEMBRANES, false, ii. 284, 285.