152; maturity of, accelerated by selection, ii. 185; varieties of, produced by selection, ii. 203; thin-shelled, liable to the attacks of birds, ii. 216; reversion of, by the terminal seed in the pod, ii. 339.

Peccary, breeding of the, in captivity, ii. 133.

PEDIGREES of horses, cattle, greyhounds, game-cocks, and pigs, i. 447.

PEGU, cats of. i. 49; horses of, i. 56.
PELARGONIUMS, multiple origin of, i. 388; zones of, i. 390; bud-variation in, i. 402; variegation in, accompanied by dwarfing, i. 409; pelorism in, ii. 150, 337; by reversion, ii. 33; advantage of change of soil to, ii. 129; improvement of, by selection, ii. 201; scorching of, ii. 214; numbers of, raised from seed, ii. 221; effects of conditions of life on, ii. 263; stovevariety of, ii. 301; correlation of contracted leaves and flowers in, ii. 324, 325.

Pelargonium fulgidum, conditions of fertility in, ii. 147.

"PELONES," a Columbian breed of cattle, i. 92, 212.

PELORIC flowers, tendency of, to acquire the normal form, ii. 46; fertility or sterility of, ii. 150, 151.

Peloric races of Gloxinia speciosa and Antirrhinum majus, i. 389.

Pelorism, ii. 32-34, 337, 338.

PELVIS, characters of, in rabbits, i. 128; in pigeons, i. 176; in fowls, i. 281; in ducks, i. 298.

PEMBROKE cattle, i. 84.

PENDULOUS trees, i. 385, ii. 340; uncertainty of transmission of, i. 461, 462.

PENGUIN ducks, i, 294, 296; hybrid of the, with the Egyptian goose, i. 296.

PENNANT, production of wolf-like curs at Fochabers, i. 39; on the Duke of Queensberry's wild cattle, i. 88.

Pennisetum, seeds of, used as food in the Punjab, i. 326.

Pennisetum distichum, seeds of, used as food in Central Africa, i. 326.

PEECIVAL, Mr., on inheritance in horses, i. 455; on horn-like processes in horses, i. 52.

Perdix rubra, occasional fertility of, in captivity, ii. 139.

PERIOD of action of causes of variability, ii. 257.

PERIOSTEUM of a dog, producing bone in a rabbit, ii. 365.

PERIWINKLE, sterility of, in England, ii. 158.

PERSIA, estimation of pigeons in, i. 215; carrier pigeon of, i. 148; tumbler pigeon of, i. 156; cats of, i. 47-49; sheep of, i. 102.

Persistence of colour in horses, i. 53; of generic peculiarities, i. 114.

PERU, antiquity of maize in, i. 338; peculiar potato from, i. 350; selection of wild animals practised by the Incas of, ii. 191, 192.

"PERUCKEN-TAUBE," i. 161.

PETALS, rudimentary, in cultivated plants, ii. 307; producing pollen, ii. 387.

PETUNIAS, multiple origin of, i. 388.

PEYRITSCH, Dr., vegetable teratology, ii. 32.

"PFAUEN-TAUBE," i. 153.

Phalænopsis, pelorism in, ii. 338.

PHALANGES, deficiency of, ii. 49.

Phaps chalcoptera, ii. 342.

Phaseolus multiflorus, ii. 300, 314. Phaseolus vulgaris, i. 350, ii. 300.

Phasianus pictus, i. 289.

Phasianus amherstiæ, i. 289.

PHEASANT, assumption of male plumage by the hen, ii. 26; wildness of hybrids of, with the common fowl, ii. 19; prepotency of the, over the fowl, ii. 43; diminished fecundity of the, in captivity, ii. 139.

PHEASANTS, golden and Lady Amherst's, i. 289.

PHEASANT-FOWLS, i. 256.

PHILIPEAUX, regeneration of limbs in the salamander, ii. 359.

PHILIPPAR, on the varieties of wheat, i. 332.

PHILIPPINE Islands, named breeds of game fowl in the, i. 243.

PHILLIPS, Mr., on bud-variation in the potato, i. 411.

Phlox, bud-variation by suckers in, i. 410.