Pandanus, ii. 243.
PANGENESIS, hypothesis of, ii. 349399.

Panicum, seeds of, used as food, i 326 ; found in the Swiss lake-dwellings, $i$. 335.

Pansy, i. 391-393.
Pappus, abortion of the, in Curthamus, ii. 307.

Paradocurus, sterility of species of, in captivity, ii. 134.
Paraguay, cats of, i. 48 ; cattle of, $i$. 92 ; horses of, ii. 80 ; dogs of, $i^{i}, i d$. ; black-skinned domestic fowl of, i. 243.

Parallel variation, ii. 341-345.
Paramos, woolly pigs of, i. 81.
Parasites, liability to attacks of, dependent on colour, ii. 213.
Pariah dog, with crooked legs, i. 17 ; resembling the Indian wolf, i. 25.
Pariset, inheritance of handwriting, ii. 6.

Paritium tricuspis, bud-variation, i. 402.

Parker, W. K., number of vertebræ in fowls, i. 280.
Parkinson, Mr., varieties of the hyacinth, i. 394.
Parkyns, Mansfield, on Columba guinea, i. 192.
Parmentier, differences in the nidification of pigeons, i. 188 ; on white pigeons, ii. 215.
Parrots, general sterility of, in confinement, ii. 138; alteration of plumage of, ii. 269.
P'ARSNIP, reversion in, ii. 34 ; influence of selection on, ii. 185 ; experiments on, ii. 267; wild, enlargement of roots of, by cultivation, i. 344.
Parthenogenesis, ii. 352, 356.
Partridge, sterility of, in captivity, ii. 139.

Parturition, difficult, hereditary, i. 452.

Parus major, ii. 216.
Pussiflora, self-impotence in species of, ii. 118, 119 ; contabescence of female organs in, ii. 150.
Pussiflorct alata, fertility of, when grafted, ii. 172.
Pastrana, Julia, peculiarities in the hair and teeth of, ii. 321.

Pasture and climate, adaptation of breeds of sheep to, i. $99,100$.
Patagonia, crania of pigs from, i. 81.
Patagonian rabbit, i. 110.
Paterson, R., on the Arrindy silkmoth, ii. 296.
Paul, W., on the hyacinth, i. 394, 395 ; varieties of pelargoniums, i. 403; weakness of transmission in hollyhocks, ii. 42 ; improvement of pelargoniums, ii. 201.
Pavo cristatus and muticus, hybrids of, i, 306.

Pavo nigripennis, i. 305-307.
"Pavodotten-Taube," i. 148.
Peach, i. 357-365; derived from the almond, i. 357 ; stones of, figured, 358 ; contrasted with almonds, i. 359 ; double-flowering, i. 358,359 , 364 ; hybrids of, i. 360 ; persistency of races of, ibid.; trees producing nectarines, ibid.; variation in, i. 363, 364, ii. 243; bud-variation in, i. 398; pendulous, i. 461; variation by selection in, ii. 203; peculiar disease of the, ii. 213 ; glands on the leaves of the, ii. 217 ; antiquity of the, ii. 299 ; increased hardiness of the, ibid.; varieties of, adapted for forcing, ii. 301; yellow-fleshed, liable to certain diseases, ii. 330.
Peach-almond, i. 359.
Peafowl, origin of, i. 305 ; japanned or black-shouldered, i. 305-307; feral, in Jamaica, i. 199 ; comparative fertility of, in wild and tame states, ii. 91, 256 ; white, ii. 326.
Pears, i. 372 ; bud-variation in, i. 401 ; reversion in seedling, ii. 4; inferiority of, in Pliny's time, ii. 200; winter nelis, attacked by aphides, ii. 217; soft-barked varieties of, attacked by wood-boring beetles, ii. 217 ; origination of good varieties of, in woods, ii. 242 ; Forelle, resistance of, to frost, ii. 297.
Peas, i. 345-349; origin of, i. 345 varieties of, i. 345-349; found in Swiss lake-dwellings, i. 335, 337, 345-349; fruit and seeds figured, i. 347; persistency of varieties, i. 348 ; intercrossing of varieties, i. 349, 428, ii. 110 ; effect of crossing on the female organs in, i. 429 ; double-flowered, ii.

