RHINOCEROS, breeding in captivity in India, ii. 132.

Rhododendron, hybrid, ii. 253.

Rhododendron ciliatum, ii. 267. Rhododendron dalhousiæ, effect of pollen of R. nuttallii upon, i. 431.

Ribes grossularia, i. 376–378, 400.

Ribes rubrum, i. 400.

RIBS, number and characters of, in fowls, i. 280; characters of, in ducks, i. 297, 298.

RICE, imperial, of China, ii. 189; Indian varieties of, ii. 243; variety of, not requiring water, ii. 295.

RICHARDSON, H. D., on jaw-appendages in Irish pigs, i. 79; management of pigs in China, i. 71; occurrence of striped young in Westphalian pigs, i. 80; on crossing pigs, ii. 73; on interbreeding pigs, ii. 102; on selection in pigs, ii. 178.

RICHARDSON, Sir John, observations on the resemblance between North American dogs and wolves, i. 21, 22; on the burrowing of wolves, i. 28; on the broad feet of dogs, wolves, and foxes in North America, i. 42; on North American horses scraping away the snow, i. 55.

Ricinus, annual in England, ii. 295.

RIEDEL, Dr., on the "Bagadotte" pigeon, i. 148; on the Jacobin pigeon, i. 162; fertility of hybrid pigeons, i. 201; circumcision, i. 467.

RILEY, on Phylloxera, i. 354.

RINDERPEST, ii. 373.

RINTOUL, Mr., potato - grafting, i. 421.

Risso, on varieties of the orange, i. 357, ii. 298, 324.

RIVERS, Lord, on the selection of greyhounds, ii. 221.

RIVERS, Mr., persistency of characters in seedling potatoes, i. 351; on the peach, i. 357, 359; persistency of races in the peach and nectarine, i. 360, 361; connection between the peach and the nectarine, i. 361; persistency of character in seedling apricots, i. 366; origin of the plum, ibid.; seedling varieties of the plum, i. 367; persistency of character in seedling plums, i. 368; bud-variation in the plum, i. 399;

plum attacked by bullfinches, ii 217; seedling apples with surface. roots, i. 371; variety of the apple found in a wood, ii. 247; on roses, i. 390, 391; bud-variation in roses, i. 404-406; production of Provence roses from seeds of the moss-rose, i, 405; effect produced by grafting on the stock in jessamine, i. 418; in the ash, ibid.; on grafted hazels, i. 419; hybridisation of a weeping thorn, i. 461; experiments with the seed of the weeping elm and ash, i. 462; variety of the cherry with curled petals, ii. 218.

RIVIERE, reproduction of Oncidium cavendishianum, ii. 114.

ROBERTS, Mr., on inheritance in the horse, i. 454.

ROBERTSON, Mr., on glandular-leaved peaches, i. 364.

ROBINET, on the silkworm, i. 317-321, ii. 181.

Robinia, ii. 264.

Robson, Mr., deficiencies of half-bred horses, i. 455.

ROBSON, Mr., on the advantage of change of soil to plants, ii. 128, 129; on the growth of the verbena, ii. 263; on broccoli, ii. 301.

ROCK pigeon, measurements of the, i. 140; figured, i. 141.

RODENTS, sterility of, in captivity, ii. 134.

Rodriguezia, ii. 115, 116.

RODWELL, J., poisoning of horses by mildewed tares, ii. 331.

ROHILCUND, feral humped cattle in, i. 83.

ROLLE, F., on the history of the peach, ii. 299.

ROLLER-PIGEONS, Dutch, i. 158.

ROLLESTON, Prof., inherited effects of injuries, i. 469; incisor teeth affected in form in cases of pulmonary tubercle, ii. 325.

ROMANES, on sternum of the fowl, i. 288; rudimentary organs, ii. 309.

ROMANS, estimation of pigeons by, 1. 215; breeds of fowls possessed by, 1. **~ 243, 258.**

ROOKS, pied, ii. 53.

Rosa, cultivated species of, i. 390.

Rosa devoniensis, graft-hybrid produced