

- SHADDOCK, i. 355.
- SHAILER, Mr., on the moss-rose, i. 405.
- SHAN ponies, striped, i. 61.
- SHANGHAI fowls, i. 237.
- SHANGHAI sheep, their fecundity, i. 101.
- SHEEP, disputed origin of, i. 97; early domestication of, i. 98; large-tailed, i. 98, 102, ii. 269; variations in horns, mammæ, and other characters of, i. 99; sexual characters of, induced by domestication, *ibid.*; adaptation of, to climate and pasture, i. 100, 101; periods of gestation of, i. 101; effect of heat on the fleece of, i. 102, 103, ii. 268; effect of selection on, i. 103-105; "ancon" or "otter" breeds of, i. 104; "Mauchamp-merino," i. 104, 105; cross of German and merino, ii. 66; black, of the Tarentino, ii. 212; Karakool, ii. 268; Jaffna, with callosities on the knees, ii. 292; Chinese, ii. 306; Danish, of the Bronze period, ii. 423; polydactylism in, i. 459; occasional production of horns in hornless breeds of, ii. 3; reversion of colour in, *ibid.*; influence of male, on offspring, ii. 45; sexual differences in, ii. 49; influence of crossing or segregation on, ii. 63, 73, 80, 81; interbreeding of, ii. 98, 99; effect of nourishment on the fertility of, ii. 90; value of, cross-bred, ii. 99; diminished fertility of, under certain conditions, ii. 145; unconscious selection of, ii. 198; natural selection in breeds of, ii. 210, 212; reduction of bones in, ii. 228; individual differences of, ii. 238; local changes in the fleece of, in England, ii. 268; partial degeneration of, in Australia, *ibid.*; correlation of horns and fleece in, ii. 318; feeding on flesh, ii. 293; acclimatisation of, ii. 296; mountain, resistance of, to severe weather, ii. 303; white, poisoned by *Hypericum crispum*, ii. 331.
- SHEEP dogs, resembling wolves, i. 24; mutilated tail inherited, i. 470.
- SHELLS, sinistral and dextral, ii. 28.
- SHIRLEY, E. P., on the fallow-deer, ii. 81, 99.
- SHIBBEFF, Mr., new varieties of wheat, i. 332, 334; on crossing wheat, ii. 83; variability of wheat, i. 410; continuous variation of wheat, ii. 228.
- SHORT, D., hybrids of the domestic cat and *Felis ornata*, i. 47.
- SIAM, cats of, i. 46; horses of, i. 59.
- SIBERIA, northern range of wild horses in, i. 56.
- SICHEL, J., on the deafness of white cats with blue eyes, ii. 323.
- SIDNEY, S., on the pedigrees of pigs, i. 447; on cross-reversion in pigs, ii. 8; period of gestation in the pig, i. 77; production of breeds of pigs by intercrossing, i. 82, ii. 73; fertility of the pig, ii. 90; effects of interbreeding on pigs, ii. 101-102; on the colours of pigs, ii. 195, 214.
- SIEBOLD, on the sweet potato, ii. 209.
- SIEBOLD, CARL VON, on parthenogenesis, ii. 353.
- Silene*, contabescence in, ii. 149.
- SILK-FOWLS, i. 242, ii. 42, 44.
- SILK-MOTH, Arrindy, ii. 296, 303; Tarroo, ii. 141.
- SILK-MOTHS, i. 316-321; domesticated, species of, i. 316; history of, i. 317; causes of modification in, *ibid.*; differences presented by, i. 317-321; crossing of, ii. 76; disease in, ii. 213; effects of disuse of parts in, ii. 288; selection practised with, ii. 181, 183; variation of, ii. 222; parthenogenesis in, ii. 357.
- SILKWORMS, variations of, i. 316-318; yielding white cocoons, less liable to disease, ii. 330.
- SILVER-GREY rabbit, i. 112, 114, 125.
- SIMON, on the raising of eggs of the silk-moth in China, ii. 181.
- SIMONDS, J. B., period of maturity in various breeds of cattle, i. 90; differences in the periods of dentition in sheep, i. 100; on the teeth in cattle, sheep, &c., ii. 313; on the breeding of superior rams, ii. 180.
- SIMPSON, Sir J., regenerative power of the human embryo, ii. 358.
- Siredon*, breeding in the branchiferous stage, ii. 379.
- SISKIN, breeding in captivity, ii. 137.
- Sivatherium*, resemblance of the, to Niata cattle, i. 93.
- SIZE, difference of, an obstacle to crossing, ii. 79.