

Sorus (plu. *sori*) (Gr. *σωρός*, a heap or cluster), the clusters of fruit in the POLYPODIACEÆ.

Spatulate (Lat. *spatula*, a little spoon), shaped like a spatula.

Species, 43.—How to determine, 68.

Specific Names, 41.

Spermaphyta (Gr. *σπέρμα*, a seed and *φυτόν*, a plant), 50.—Literature of, 59.

Spinulose (Lat. *spina*, a thorn), thorny.

Spleenwort. *Vide Asplenium*.

Sporangium (plu. *sporangia*) (Gr. *σπορός*, a seed, and *ἄγγος*, a vessel), the case or capsule enclosing the spores, 10.

Spore (Gr. *σπορός*, a seed), the fruit of the higher cryptogams, produced asexually, 10, 18.

Sporocarp (Gr. *σπορός*, seed, and *καρπός*, fruit), the fruit-bearing receptacle in *Marsilia*, etc.

Squamous (Lat. *squama*, a scale), with appressed scales.

Stellate (Lat. *stella*, a star), star-shaped.

Stipe (Lat. *stipes*, a stock), the stem of a frond, 8, 25.

Stoma (plu. *stomata*) (Gr. a mouth), the breathing pores of plants, 26, 33.

Stramineous (Lat. *stramen*, straw), straw-colored.

Struthiopteris. *Vide Onoclea*.

Sub- (as a prefix), about, nearly, somewhat.

Sub-Orders, 44.

Subulate (Lat. *subula*, a shoemaker's awl), awl-shaped.

Superior, higher, applied to indusia that are attached above the sorus as in *Aspidium*.

Synonymy, 43.

T

Tænitis, 88; also 6, 13, 76.

Ternate (Lat. *terni*, three each), branching into three nearly equal divisions.

Tertiary Age, Pteridophytes of, 66.

Thallophyte (Gr. *θαλλός*, a young shoot, and *φυτόν*, a plant), a group of plants including the lichens, fungi, and algæ.

Thalloid (Gr. *θαλλός*, a young shoot, and *είδος*, form), having the form of a thallus, *i.e.*, no leafy axis.

Thalloid Phase, 19.

Tissues, 24.

Tissue Systems, 25.

Tomentose (Lat. *tomentum*, a stuffing of wool), covered with matted woolly hairs.

Tomentum (Lat. a stuffing of wool), the dense matted woolly hair found on some ferns as many species of *Cheilanthes*.

Tri- (Lat. *tris*, three), (as a prefix) three, thrice.

Tribes, 44.

Trichomanes, 122; also 6, 11, 17, 79.

Trichomes (Gr. *θρίξ*, hair), hairs, variously modified as scales, indusia, sporangia, etc., produced from the epidermal cells, 26.

Triquetrous (Lat. *triquetrus*), three-angled.

Truncate (Lat. *truncare*, to cut short), cut off abruptly.

Tufted, growing in clusters.

U

Undulate (Lat. *undula*, a little wave), wavy-margined.

Uredineæ, 50.—Literature of, 55.

V

Vallecula (plu. *valleculæ*), the grooves on the stems of *Equisetum*.

Variation among species, 2.

Varieties, 44.

Vascular (Lat. *vasculum*, diminutive of *vas*, a vessel), containing vessels; as ducts, etc.

Velum (Lat. a curtain), the membranous margin of the fovea in *Isoetes*.

Venation (Lat. *vena*, a vein), the veining of the frond, 10.