S.2. Bayesian and Maximum Likelihood phylograms from nrDNA and cpDNA sequences analysis. All phylogenies were showed in newik format.

Bayesian phylogram_ITS region:

(SadsEF028688:0.09761,StriEF028687:0.054565,(((((bulbiLN812372:0.019851,(dichotLN812409:0.002118,carpeAF261168:0.015761)'1.00':0.025462)'0.97':0.006808,((S_granulata:0.009209,granAJ233860:0.012099)'0.87':0.002872,(granuAF482692:0.010349,(granuLN812441:0.005925,SgraeAF261179:0.022232)'0.99':0.004378)'0.89':0.002906)'1.00':0.015176)'1.00':0.00677,(S_haenseleri:0.004339,haensAF261180:0.008707)'1.00':0.033071)'0.73':0.004753,(S_montis-christi:0.013357,(corcorsLN812399:0.006492,S_corsica:0.00717,S_caprariae:0.007147)'0.98':0.005923)'1.00':0.01718)'0.71':0.005796,(S_cossoniana:0.005653,cintraAF261171:0.007243)'1.00':0.024404)'1.00':0.098185);

Maximum Likelihood phylogram_ITS region:

(S_haenseleri:0.02287057034742782807,((((SadsEF028688:0.09622484509692881549,StriEF028687:0.05358804964639699714):0.09599811138075702022[100],(S_cossoniana:0.00431917420147539914,(cintraAF261171:0.00144442765317803518,corcossAF261172:0.01013913761401300309):0.00432748263550199099[99]):0.02206280841485485159[100]):0.00358834484279167872[62],((corcorsLN812399:0.00571736683206882333,(S_corsica:0.00576259510173076240,S_caprariae:0.00577731442500210770):0.00000100000050002909[80]):0.00435544962711741784[69],S_montis-christi:0.01161907126692576959):0.01612982001037360086[100]):0.00334742678768431981[53],(((S_granulata:0.00727454975971352207,granAJ233860:0.01014668263189022479):0.00141898305910205568[78],(granuAF482692:0.00874086537909202904,(SgraeAF261179:0.02068482072647277389,granuLN812441:0.00439113991416722332):0.00286173471563719523[87]):0.00141934278313807119[75]):0.01385846287504371825[99],(bulbiLN812372:0.01776187034447578375,(carpeAF261168:0.01463797877761225004,dichotLN812409:0.00000100000050002909):0.02418588746828082697[100]):0.00564630810442151403[71]):0.00482712357128384315[88]):0.03147314853671801665[100],haensAF261180:0.00724624530656707653);

Bayesian phylogram_trnL-trF region:

(StridLN812790:0.022408,SadscLN812575:0.011236,(SnevaLN812722:0.002818,((bulbLN812606:0.001483,dichoLN812644:0.00707)'1.00':0.011237,((SerioLN812649:0.002639,(granLN812676:0.002683,S_granulata:0.002624)'1.00':0.003897)'0.64':0.002293,(S_montis-christi:0.005789,(S_caprariae:0.001272,S_corsica:0.001323,corsicLN812633:0.001314)'0.56':0.002291)'0.81':0.002721)'1.00':0.008109,(SaraLN812587:0.007507,SberLN812594:0.001616)'1.00':0.015096)'0.69':0.005287,(ScespLN812619:0.00375,S.mosLN812717:0.00159)'0.68':0.002747)'1.00':0.179418);

Maximum Likelihood phylogram_trnL-trnF region:

(S_granulata:0.00000100000050002909,(SerioLN812649:0.00127178915778725608,((((S_corsica:0.00000100000050002909,corsicLN812633:0.00000100000050002909):0.00000100000050002909[34],S_caprariae:0.00000100000050002909):0.00000100000050002909[77],S_montis-christi:0.00384201994383533661):0.00129253320556492360[88],(((dichoLN812644:0.00561806961355355676,bulbLN812606:0.00000100000050002909):0.00974543700913272845[100],(SberLN812594:0.00000100000050002909,SaraLN812587:0.00581920711531473938):0.01370472496468802884[100]):0.00000100000050002909[29],((SnevaLN812722:0.00000100000050002909,(SadscLN812575:0.00906368013685113563,StridLN812790:0.02019754055446581695):0.16072507012544645644[100]):0.00129484986419667152[24],(ScespLN812619:0.00256482196776193754,S.mosLN812717:0.00000100000050002909):0.00139648692344327861[66]):0.00408946110483501737[54]):0.00645273869055283580[93]):0.00126742838139450183[77]):0.00255503610549427055[91],granLN812676:0.00126669684086724963);