Analysis Results - Correlation

category	variable_1	variable_2	correlation	p_value
correlation	ENV_SOILNH4	ENV_SOILNH4	1.0	None
correlation	ENV_SOILNH4	ENV_SOILNO3	0.9510310471757107	6.616755462649574e-174
correlation	ENV_SOILNH4	ENV_SOILP	0.09540178627965248	0.08742008207399875
correlation	ENV_SOILNH4	ENV_SOILTN	0.11165970049084692	0.042029753504834885
correlation	ENV_SOILNH4	ENV_SOILTC	0.11478793944015049	0.036567326191294006
correlation	ENV_SOILNH4	ENV_PH	0.007789558808056568	0.8862067957985181
correlation	ENV_SOILNH4	ENV_SOILCLAY	0.03211251180901766	0.5557122375794789
correlation	ENV_SOILNH4	ENV_SOILSILT	0.09705639451933376	0.07432416152379735
correlation	ENV_SOILNH4	ENV_SOILSAND	-0.0696667117475031	0.20071486803390612
correlation	ENV_SOILNH4	ENV_SOILMOIS	0.12473331877449954	0.021420486812224266
correlation	ENV_SOILNH4	PC_SHOOTMASS	0.08404905056702325	0.12301804255392536
correlation	ENV_SOILNH4	PC_WOODMASS	0.004801517777276621	0.9299177514973602
correlation	ENV_SOILNH4	PC_LITTERMASS	0.014948332190466923	0.7842237539814421
correlation	ENV_SOILNH4	PC_ROOTMASS	0.007800916437548337	0.9200600705636833
correlation	ENV_SOILNH4	RC_SHOOTMASS	0.028643380294125203	0.6019339491265429
correlation	ENV_SOILNH4	RC_LITTERMASS	0.00781199551462842	0.8884290738246159
correlation	ENV_SOILNH4	COVER_TOTAL_JUL	0.020479781384842934	0.7067107652708091
correlation	ENV_SOILNH4	COVER_RICHNESS_JUL	-0.08770427828462951	0.10645293525512346
correlation	ENV_SOILNH4	COVER_SHANNON_JUL	-0.07422212969759127	0.1721172020519646
correlation	ENV_SOILNH4	PASTURE_TOTALAREA	-0.07815826504278323	0.15041690425154336
correlation	ENV_SOILNH4	PASTURE_FORESTAREA	0.04576922979075462	0.40019340966815753
correlation	ENV_SOILNH4	LAT	0.06299833387836035	0.2466580070321671
correlation	ENV_SOILNH4	LONG	0.06273649576175412	0.248631212616665
correlation	ENV_SOILNH4	ENV_SOILOC	0.11689197973306352	0.031174660567861567
correlation	ENV_SOILNH4	SOIL_EC_uS_cm	-0.03978462156425243	0.7346909476287647
correlation	ENV_SOILNH4	SOIL_CO2_mg_per_g	0.02967656538982704	0.800464823553081
correlation	ENV_SOILNH4	BACTERIAL_NECROMASS_C	0.08984752546854874	0.4163481389499499
correlation	ENV_SOILNH4	FUNGAL_NECROMASS_C	0.08019456624622566	0.46835916126118143
correlation	ENV_SOILNH4	MICROBIAL_NECROMASS_C	0.08333907696748268	0.4510396864858251
correlation	ENV_SOILNH4	ENV_PROBEMOIS_AUG	0.04979516930235702	0.36000049153987834
correlation	ENV_SOILNH4	ENV_PROBEMOIS_JUL	0.11776238779830563	0.03017580250177065

correlation	ENV_SOILNH4	ENV_PROBEMOIS_JUN	0.025937733253182656	0.6336562127508281
correlation	ENV_SOILNO3	ENV_SOILNH4	0.9510310471757107	6.616755462649574e-174
correlation	ENV_SOILNO3	ENV_SOILNO3	1.0	None
correlation	ENV_SOILNO3	ENV_SOILP	0.10729584417907849	0.054805998923463155
correlation	ENV_SOILNO3	ENV_SOILTN	0.09965822199143314	0.07017589783645034
correlation	ENV_SOILNO3	ENV_SOILTC	0.10278576631227289	0.0617761670170434
correlation	ENV_SOILNO3	ENV_PH	0.005856344701793462	0.9144483356231229
correlation	ENV_SOILNO3	ENV_SOILCLAY	0.03707253701605795	0.496961133837277
correlation	ENV_SOILNO3	ENV_SOILSILT	0.08195161659114686	0.13268159960682704
correlation	ENV_SOILNO3	ENV_SOILSAND	-0.06375238395317942	0.24243555525901053
correlation	ENV_SOILNO3	ENV_SOILMOIS	0.16921089376278708	0.0017685765519401553
correlation	ENV_SOILNO3	PC_SHOOTMASS	0.03686957395588429	0.4999617207909109
correlation	ENV_SOILNO3	PC_WOODMASS	-0.024293504651208806	0.656769290869123
correlation	ENV_SOILNO3	PC_LITTERMASS	-0.03590393755573345	0.5112635101816735
correlation	ENV_SOILNO3	PC_ROOTMASS	-0.011368843953714104	0.8837148741675905
correlation	ENV_SOILNO3	RC_SHOOTMASS	0.022750554105935225	0.6791296453496756
correlation	ENV_SOILNO3	RC_LITTERMASS	-0.014805361928538424	0.7906388776251941
correlation	ENV_SOILNO3	COVER_TOTAL_JUL	-0.009686974147720077	0.8589574032672745
correlation	ENV_SOILNO3	COVER_RICHNESS_JUL	-0.11354847703370045	0.03664564779146647
correlation	ENV_SOILNO3	COVER_SHANNON_JUL	-0.09947630540607098	0.06735051359085058
correlation	ENV_SOILNO3	PASTURE_TOTALAREA	-0.06733356904257855	0.21624781050994743
correlation	ENV_SOILNO3	PASTURE_FORESTAREA	0.09669600218506957	0.07541129025962962
correlation	ENV_SOILNO3	LAT	0.05778801205183706	0.2887139750989529
correlation	ENV_SOILNO3	LONG	0.05575852147187509	0.30601107619366985
correlation	ENV_SOILNO3	ENV_SOILOC	0.11321023384571513	0.03721251633088648
correlation	ENV_SOILNO3	SOIL_EC_uS_cm	-0.01323775647361359	0.9102511816224634
correlation	ENV_SOILNO3	SOIL_CO2_mg_per_g	0.00036646250102501864	0.9975103225871892
correlation	ENV_SOILNO3	BACTERIAL_NECROMASS_C	0.06255314593235937	0.5718882928906057
correlation	ENV_SOILNO3	FUNGAL_NECROMASS_C	0.038410776869051186	0.7286711680956273
correlation	ENV_SOILNO3	MICROBIAL_NECROMASS_C	0.042093357263216856	0.7038118661857792
correlation	ENV_SOILNO3	ENV_PROBEMOIS_AUG	0.0062059638924576825	0.9093622782310643
correlation	ENV_SOILNO3	ENV_PROBEMOIS_JUL	0.14525263998334031	0.007478632000158384
correlation	ENV_SOILNO3	ENV_PROBEMOIS_JUN	0.05959918458770207	0.27384218308356584
correlation	ENV_SOILP	ENV_SOILNH4	0.09540178627965248	0.08742008207399875
correlation	ENV_SOILP	ENV_SOILNO3	0.10729584417907849	0.054805998923463155

correlation	ENV_SOILP	ENV_SOILP	1.0	None
correlation	ENV_SOILP	ENV_SOILTN	0.2172077653897927	3.959080702375275e-05
correlation	ENV_SOILP	ENV_SOILTC	0.2383337850745365	6.1563676636539545e-06
correlation	ENV_SOILP	ENV_PH	0.06059703379223334	0.25212697962874997
correlation	ENV_SOILP	ENV_SOILCLAY	0.09432469575234739	0.07467728405228244
correlation	ENV_SOILP	ENV_SOILSILT	0.25543255068169696	9.701918236919854e-07
correlation	ENV_SOILP	ENV_SOILSAND	-0.188875644495122	0.00032614807066343534
correlation	ENV_SOILP	ENV_SOILMOIS	0.3478625743114225	1.3613649324773276e-11
correlation	ENV_SOILP	PC_SHOOTMASS	0.20613533624319524	8.731909905341171e-05
correlation	ENV_SOILP	PC_WOODMASS	-0.06024891045937203	0.2562039840785595
correlation	ENV_SOILP	PC_LITTERMASS	0.025257242197574366	0.6343424297472522
correlation	ENV_SOILP	PC_ROOTMASS	-0.10794900393212667	0.13509629837429205
correlation	ENV_SOILP	RC_SHOOTMASS	0.15316721411523307	0.0040231410196638435
correlation	ENV_SOILP	RC_LITTERMASS	0.05744436547523729	0.2894549040828907
correlation	ENV_SOILP	COVER_TOTAL_JUL	0.05821253564008417	0.27130746560893076
correlation	ENV_SOILP	COVER_RICHNESS_JUL	-0.08694660177582288	0.10001647570378731
correlation	ENV_SOILP	COVER_SHANNON_JUL	-0.05557330894246272	0.29367057448344536
correlation	ENV_SOILP	PASTURE_TOTALAREA	-0.17577939224489086	0.000822794336063344
correlation	ENV_SOILP	PASTURE_FORESTAREA	0.14704579495333814	0.005244917548631708
correlation	ENV_SOILP	LAT	0.1710312829627523	0.0011408039267711998
correlation	ENV_SOILP	LONG	0.16709102718447646	0.001486802473585649
correlation	ENV_SOILP	ENV_SOILOC	0.23893137989563373	4.6991958031996626e-06
correlation	ENV_SOILP	SOIL_EC_uS_cm	-0.034756050652690836	0.7610619911483822
correlation	ENV_SOILP	SOIL_CO2_mg_per_g	0.030076740819135184	0.7924531258275515
correlation	ENV_SOILP	BACTERIAL_NECROMASS_C	0.041387290902105835	0.70016894420607
correlation	ENV_SOILP	FUNGAL_NECROMASS_C	0.18488228323066272	0.08282835679268381
correlation	ENV_SOILP	MICROBIAL_NECROMASS_C	0.17380856737169617	0.10332335704735923
correlation	ENV_SOILP	ENV_PROBEMOIS_AUG	0.13129108872963138	0.012784321705342504
correlation	ENV_SOILP	ENV_PROBEMOIS_JUL	0.22904019899372804	1.2387912151060894e-05
correlation	ENV_SOILP	ENV_PROBEMOIS_JUN	0.19018192590542501	0.0002900864307083471 4
correlation	ENV_SOILTN	ENV_SOILNH4	0.11165970049084692	0.042029753504834885
correlation	ENV_SOILTN	ENV_SOILNO3	0.09965822199143314	0.07017589783645034
correlation	ENV_SOILTN	ENV_SOILP	0.2172077653897927	3.959080702375275e-05
correlation	ENV_SOILTN	ENV_SOILTN	1.0	None
correlation	ENV_SOILTN	ENV_SOILTC	0.9966217594100132	0.0

correlation	ENV_SOILTN	ENV_PH	-0.10675670822105916	0.040128210581105876
correlation	ENV_SOILTN	ENV_SOILCLAY	0.7666153601077891	1.3357670924620997e-72
correlation	ENV_SOILTN	ENV_SOILSILT	0.8447449258715555	1.1177247379653472e-101
correlation	ENV_SOILTN	ENV_SOILSAND	-0.8439672115302823	2.590208782575587e-101
correlation	ENV_SOILTN	ENV_SOILMOIS	0.8647705228867152	1.559957637995242e-111
correlation	ENV_SOILTN	PC_SHOOTMASS	0.484670567996993	4.4724651504395406e-23
correlation	ENV_SOILTN	PC_WOODMASS	0.14128080590873124	0.0066346956929077055
correlation	ENV_SOILTN	PC_LITTERMASS	0.14209711489500543	0.006324023565849867
correlation	ENV_SOILTN	PC_ROOTMASS	0.1770857187491574	0.013028179662385625
correlation	ENV_SOILTN	RC_SHOOTMASS	0.4503799719356838	1.7510402971247795e-19
correlation	ENV_SOILTN	RC_LITTERMASS	0.17471629708621653	0.0009631788229356112
correlation	ENV_SOILTN	COVER_TOTAL_JUL	0.29503141742492234	7.24636772336825e-09
correlation	ENV_SOILTN	COVER_RICHNESS_JUL	-0.04567724037313692	0.3809736683983221
correlation	ENV_SOILTN	COVER_SHANNON_JUL	-0.022740075661257273	0.6628436796369502
correlation	ENV_SOILTN	PASTURE_TOTALAREA	-0.831034853090105	8.900738133498568e-96
correlation	ENV_SOILTN	PASTURE_FORESTAREA	0.6665439252286081	7.027965377852899e-49
correlation	ENV_SOILTN	LAT	0.856293434584388	1.2369393200428916e-107
correlation	ENV_SOILTN	LONG	0.8539297258553096	1.9742621757558864e-106
correlation	ENV_SOILTN	ENV_SOILOC	0.9246369313227419	2.3437461106465714e-156
correlation	ENV_SOILTN	SOIL_EC_uS_cm	-0.805379388121586	7.421738534076549e-20
correlation	ENV_SOILTN	SOIL_CO2_mg_per_g	0.7757862018738678	1.1428224910061673e-17
correlation	ENV_SOILTN	BACTERIAL_NECROMASS_C	0.8048183093840711	4.213555040833276e-22
correlation	ENV_SOILTN	FUNGAL_NECROMASS_C	0.811183720437312	1.1019456269858715e-22
correlation	ENV_SOILTN	MICROBIAL_NECROMASS_C	0.8303480683464496	1.4009198099330175e-24
correlation	ENV_SOILTN	ENV_PROBEMOIS_AUG	0.8295890115825854	3.6977496422555965e-95
correlation	ENV_SOILTN	ENV_PROBEMOIS_JUL	0.7446589820829707	3.041587564012338e-66
correlation	ENV_SOILTN	ENV_PROBEMOIS_JUN	0.5213719825985638	3.5436723683777325e-27
correlation	ENV_SOILTC	ENV_SOILNH4	0.11478793944015049	0.036567326191294006
correlation	ENV_SOILTC	ENV_SOILNO3	0.10278576631227289	0.0617761670170434
correlation	ENV_SOILTC	ENV_SOILP	0.2383337850745365	6.1563676636539545e-06
correlation	ENV_SOILTC	ENV_SOILTN	0.9966217594100132	0.0
correlation	ENV_SOILTC	ENV_SOILTC	1.0	None
correlation	ENV_SOILTC	ENV_PH	-0.09854857774940418	0.05824918693311583
correlation	ENV_SOILTC	ENV_SOILCLAY	0.7626043976225735	2.0175247160656703e-71
correlation	ENV_SOILTC	ENV_SOILSILT	0.849729082014591	4.5758425088291456e-104

correlation	ENV_SOILTC	ENV_SOILSAND	-0.8448293747956905	1.0199529361466801e-101
correlation	ENV_SOILTC	ENV_SOILMOIS	0.8681586464370064	2.0849157931503577e-113
correlation	ENV_SOILTC	PC_SHOOTMASS	0.48742204111486287	2.3432404955180158e-23
correlation	ENV_SOILTC	PC_WOODMASS	0.14503642776873424	0.005310506970076287
correlation	ENV_SOILTC	PC_LITTERMASS	0.1440050909311609	0.005648156236180266
correlation	ENV_SOILTC	PC_ROOTMASS	0.2085819621471077	0.0033483173688540636
correlation	ENV_SOILTC	RC_SHOOTMASS	0.4468572843949961	3.5971308363683133e-19
correlation	ENV_SOILTC	RC_LITTERMASS	0.16828879816220285	0.001483816749254387
correlation	ENV_SOILTC	COVER_TOTAL_JUL	0.3020111940069021	3.0543777495115706e-09
correlation	ENV_SOILTC	COVER_RICHNESS_JUL	-0.037851583114392885	0.467908468215791
correlation	ENV_SOILTC	COVER_SHANNON_JUL	-0.018376613417360115	0.7246021027754604
correlation	ENV_SOILTC	PASTURE_TOTALAREA	-0.8320276009427019	3.3214800442980142e-96
correlation	ENV_SOILTC	PASTURE_FORESTAREA	0.6670233710747234	5.6823611566768985e-49
correlation	ENV_SOILTC	LAT	0.8573969583388584	3.336451117877446e-108
correlation	ENV_SOILTC	LONG	0.8550891312730629	5.104762985993292e-107
correlation	ENV_SOILTC	ENV_SOILOC	0.9252027186735401	6.179400249063343e-157
correlation	ENV_SOILTC	SOIL_EC_uS_cm	-0.8023750717807001	1.286034815470208e-19
correlation	ENV_SOILTC	SOIL_CO2_mg_per_g	0.7724572753942361	1.9195607908144594e-17
correlation	ENV_SOILTC	BACTERIAL_NECROMASS_C	0.7976160151410713	1.8132055570175098e-21
correlation	ENV_SOILTC	FUNGAL_NECROMASS_C	0.8020005103181186	7.51122499070128e-22
correlation	ENV_SOILTC	MICROBIAL_NECROMASS_C	0.821158832711857	1.2123361440817617e-23
correlation	ENV_SOILTC	ENV_PROBEMOIS_AUG	0.827450470912552	2.9659826477782936e-94
correlation	ENV_SOILTC	ENV_PROBEMOIS_JUL	0.7541894435051912	7.716627609696918e-69
correlation	ENV_SOILTC	ENV_PROBEMOIS_JUN	0.5232810618148136	2.1317547988876615e-27
correlation	ENV_PH	ENV_SOILNH4	0.007789558808056568	0.8862067957985181
correlation	ENV_PH	ENV_SOILNO3	0.005856344701793462	0.9144483356231229
correlation	ENV_PH	ENV_SOILP	0.06059703379223334	0.25212697962874997
correlation	ENV_PH	ENV_SOILTN	-0.10675670822105916	0.040128210581105876
correlation	ENV_PH	ENV_SOILTC	-0.09854857774940418	0.05824918693311583
correlation	ENV_PH	ENV_PH	1.0	None
correlation	ENV_PH	ENV_SOILCLAY	-0.07266462715799127	0.15855523488153933
correlation	ENV_PH	ENV_SOILSILT	-0.009777663398013895	0.84972098753612
correlation	ENV_PH	ENV_SOILSAND	0.04055356654288918	0.43177163985257466
correlation	ENV_PH	ENV_SOILMOIS	-0.0574507618995157	0.2658342797771151
correlation	ENV_PH	PC_SHOOTMASS	-0.013558844739941437	0.7930107773852757

correlation	ENV_PH	PC_WOODMASS	0.011698645530342906	0.8208902762731888
correlation	ENV_PH	PC_LITTERMASS	-0.0109278163717874	0.8325115361738893
correlation	ENV_PH	PC_ROOTMASS	0.06658350233331468	0.3476592228173306
correlation	ENV_PH	RC_SHOOTMASS	-0.015287785813663917	0.7691499088231449
correlation	ENV_PH	RC_LITTERMASS	-0.03908637195084727	0.45908859244586214
correlation	ENV_PH	COVER_TOTAL_JUL	-0.03949345129418171	0.44331050630348723
correlation	ENV_PH	COVER_RICHNESS_JUL	-0.046884631783328905	0.3627001418757632
correlation	ENV_PH	COVER_SHANNON_JUL	-0.03619147941591595	0.4823825167724623
correlation	ENV_PH	PASTURE_TOTALAREA	0.0691832488875166	0.17894319428924155
correlation	ENV_PH	PASTURE_FORESTAREA	-0.10275662851581978	0.04559267496847994
correlation	ENV_PH	LAT	-0.07009485628836298	0.17327074307871881
correlation	ENV_PH	LONG	-0.06728856356208625	0.191170822665187
correlation	ENV_PH	ENV_SOILOC	-0.09588932426224621	0.0621955624293479
correlation	ENV_PH	SOIL_EC_uS_cm	-0.15331295161774913	0.16643172662681793
correlation	ENV_PH	SOIL_CO2_mg_per_g	0.17709501244450337	0.10923716359547336
correlation	ENV_PH	BACTERIAL_NECROMASS_C	-0.13671354943331512	0.1913039401332147
correlation	ENV_PH	FUNGAL_NECROMASS_C	-0.20226587208274888	0.05185353629428685
correlation	ENV_PH	MICROBIAL_NECROMASS_C	-0.19993908811850708	0.054666820055373086
correlation	ENV_PH	ENV_PROBEMOIS_AUG	-0.09192835536923426	0.07385198704648382
correlation	ENV_PH	ENV_PROBEMOIS_JUL	-0.017148373823833676	0.7399799281756142
correlation	ENV_PH	ENV_PROBEMOIS_JUN	0.039394148999709847	0.44445864175026795
correlation	ENV_SOILCLAY	ENV_SOILNH4	0.03211251180901766	0.5557122375794789
correlation	ENV_SOILCLAY	ENV_SOILNO3	0.03707253701605795	0.496961133837277
correlation	ENV_SOILCLAY	ENV_SOILP	0.09432469575234739	0.07467728405228244
correlation	ENV_SOILCLAY	ENV_SOILTN	0.7666153601077891	1.3357670924620997e-72
correlation	ENV_SOILCLAY	ENV_SOILTC	0.7626043976225735	2.0175247160656703e-71
correlation	ENV_SOILCLAY	ENV_PH	-0.07266462715799127	0.15855523488153933
correlation	ENV_SOILCLAY	ENV_SOILCLAY	1.0	None
correlation	ENV_SOILCLAY	ENV_SOILSILT	0.8368773354671567	1.952829548178581e-100
correlation	ENV_SOILCLAY	ENV_SOILSAND	-0.9518170395133492	4.187076007217499e-195
correlation	ENV_SOILCLAY	ENV_SOILMOIS	0.782127649175904	7.77248160259313e-79
correlation	ENV_SOILCLAY	PC_SHOOTMASS	0.3551582206245564	1.279382044848531e-12
correlation	ENV_SOILCLAY	PC_WOODMASS	0.21990862830580027	1.6867282058851887e-05
correlation	ENV_SOILCLAY	PC_LITTERMASS	-0.0003414473585178442	0.9947349054183349
correlation	ENV_SOILCLAY	PC_ROOTMASS	-0.04698255532970741	0.507776235135472

correlation	ENV_SOILCLAY	RC_SHOOTMASS	0.37033704989475885	1.7995645883683099e-13
correlation	ENV_SOILCLAY	RC_LITTERMASS	0.07191658204509725	0.17334334264307813
correlation	ENV_SOILCLAY	COVER_TOTAL_JUL	0.19455590438878054	0.00014094363727167782
correlation	ENV_SOILCLAY	COVER_RICHNESS_JUL	-0.06209713726220688	0.2284077690193866
correlation	ENV_SOILCLAY	COVER_SHANNON_JUL	-0.049971241312056526	0.33257525929951876
correlation	ENV_SOILCLAY	PASTURE_TOTALAREA	-0.8771334528295156	7.966415671041406e-122
correlation	ENV_SOILCLAY	PASTURE_FORESTAREA	0.740727791915348	6.123259757732396e-67
correlation	ENV_SOILCLAY	LAT	0.9101735985444454	5.4493085400172225e-146
correlation	ENV_SOILCLAY	LONG	0.9075225777608373	9.976308768973822e-144
correlation	ENV_SOILCLAY	ENV_SOILOC	0.7627487661450217	3.579701841577498e-73
correlation	ENV_SOILCLAY	SOIL_EC_uS_cm	-0.7052261993964559	1.400694507063819e-13
correlation	ENV_SOILCLAY	SOIL_CO2_mg_per_g	0.6610049028724456	1.395803450665161e-11
correlation	ENV_SOILCLAY	BACTERIAL_NECROMASS_C	0.7881227883239372	1.1372495600294643e-20
correlation	ENV_SOILCLAY	FUNGAL_NECROMASS_C	0.7802250025625341	4.8842933731522817e-20
correlation	ENV_SOILCLAY	MICROBIAL_NECROMASS_C	0.8007042479336359	9.769120020655153e-22
correlation	ENV_SOILCLAY	ENV_PROBEMOIS_AUG	0.8769415062560103	1.0482406794747406e-121
correlation	ENV_SOILCLAY	ENV_PROBEMOIS_JUL	0.7408355281134724	1.2730850140769598e-66
correlation	ENV_SOILCLAY	ENV_PROBEMOIS_JUN	0.49713251307304734	5.449378147597199e-25
correlation	ENV_SOILSILT	ENV_SOILNH4	0.09705639451933376	0.07432416152379735
correlation	ENV_SOILSILT	ENV_SOILNO3	0.08195161659114686	0.13268159960682704
correlation	ENV_SOILSILT	ENV_SOILP	0.25543255068169696	9.701918236919854e-07
correlation	ENV_SOILSILT	ENV_SOILTN	0.8447449258715555	1.1177247379653472e-101
correlation	ENV_SOILSILT	ENV_SOILTC	0.849729082014591	4.5758425088291456e-104
correlation	ENV_SOILSILT	ENV_PH	-0.009977663398013895	0.84972098753612
correlation	ENV_SOILSILT	ENV_SOILCLAY	0.8368773354671567	1.952829548178581e-100
correlation	ENV_SOILSILT	ENV_SOILSILT	1.0	None
correlation	ENV_SOILSILT	ENV_SOILSAND	-0.9644203558631451	2.4192322446629892e-219
correlation	ENV_SOILSILT	ENV_SOILMOIS	0.8641079304016854	1.457609539738626e-113
correlation	ENV_SOILSILT	PC_SHOOTMASS	0.440773080839569	2.64652961611932e-19
correlation	ENV_SOILSILT	PC_WOODMASS	0.21448588959920112	2.7395828232544306e-05
correlation	ENV_SOILSILT	PC_LITTERMASS	0.0468590246764977	0.3648815049420326
correlation	ENV_SOILSILT	PC_ROOTMASS	0.16143346566476244	0.022051604163218493
correlation	ENV_SOILSILT	RC_SHOOTMASS	0.4513764538983126	5.672054885934367e-20
correlation	ENV_SOILSILT	RC_LITTERMASS	0.09739037891362912	0.06491890963537833
correlation	ENV_SOILSILT	COVER_TOTAL_JUL	0.2956968452315337	4.585631964449785e-09

correlation	ENV_SOILSILT	COVER_RICHNESS_JUL	-0.014740504757592003	0.7751427332056182
correlation	ENV_SOILSILT	COVER_SHANNON_JUL	-0.0030887664475536683	0.9522721263989652
correlation	ENV_SOILSILT	PASTURE_TOTALAREA	-0.9048451212111633	1.6439418154505165e-141
correlation	ENV_SOILSILT	PASTURE_FORESTAREA	0.7029430449117385	1.334935560322945e-57
correlation	ENV_SOILSILT	LAT	0.9211360836372766	3.728935930219749e-156
correlation	ENV_SOILSILT	LONG	0.9206816791914963	1.0509349221136866e-155
correlation	ENV_SOILSILT	ENV_SOILOC	0.8588926643142257	2.5992324876151473e-111
correlation	ENV_SOILSILT	SOIL_EC_uS_cm	-0.8554043610371131	1.4411061362230015e-24
correlation	ENV_SOILSILT	SOIL_CO2_mg_per_g	0.8217002366454769	3.139925087775088e-21
correlation	ENV_SOILSILT	BACTERIAL_NECROMASS_C	0.7635402824243118	8.787805775685717e-19
correlation	ENV_SOILSILT	FUNGAL_NECROMASS_C	0.8310931291019057	1.1694246441660506e-24
correlation	ENV_SOILSILT	MICROBIAL_NECROMASS_C	0.8443943292979161	3.9787877824324625e-26
correlation	ENV_SOILSILT	ENV_PROBEMOIS_AUG	0.8618850964779484	6.231235173642288e-113
correlation	ENV_SOILSILT	ENV_PROBEMOIS_JUL	0.8030872746333958	4.112889309356318e-86
correlation	ENV_SOILSILT	ENV_PROBEMOIS_JUN	0.5859970612752213	3.1440019863147447e-36
correlation	ENV_SOILSAND	ENV_SOILNH4	-0.0696667117475031	0.20071486803390612
correlation	ENV_SOILSAND	ENV_SOILNO3	-0.06375238395317942	0.24243555525901053
correlation	ENV_SOILSAND	ENV_SOILP	-0.188875644495122	0.00032614807066343534
correlation	ENV_SOILSAND	ENV_SOILTN	-0.8439672115302823	2.590208782575587e-101
correlation	ENV_SOILSAND	ENV_SOILTC	-0.8448293747956905	1.0199529361466801e-101
correlation	ENV_SOILSAND	ENV_PH	0.04055356654288918	0.43177163985257466
correlation	ENV_SOILSAND	ENV_SOILCLAY	-0.9518170395133492	4.187076007217499e-195
correlation	ENV_SOILSAND	ENV_SOILSILT	-0.9644203558631451	2.4192322446629892e-219
correlation	ENV_SOILSAND	ENV_SOILSAND	1.0	None
correlation	ENV_SOILSAND	ENV_SOILMOIS	-0.8616705198023619	3.179493703378113e-112
correlation	ENV_SOILSAND	PC_SHOOTMASS	-0.4185473007890816	2.224213672137836e-17
correlation	ENV_SOILSAND	PC_WOODMASS	-0.2264060850217173	9.281979695581902e-06
correlation	ENV_SOILSAND	PC_LITTERMASS	-0.026089539067036906	0.6140531266869445
correlation	ENV_SOILSAND	PC_ROOTMASS	-0.12350669590867065	0.08067499551524614
correlation	ENV_SOILSAND	RC_SHOOTMASS	-0.4314573342969573	3.2993218451115966e-18
correlation	ENV_SOILSAND	RC_LITTERMASS	-0.08924179175795466	0.0908883562839063
correlation	ENV_SOILSAND	COVER_TOTAL_JUL	-0.2596271552987091	3.0707082250367356e-07
correlation	ENV_SOILSAND	COVER_RICHNESS_JUL	0.038242590388312556	0.4584935725125718
correlation	ENV_SOILSAND	COVER_SHANNON_JUL	0.02586878715043917	0.6161143396106344
correlation	ENV_SOILSAND	PASTURE_TOTALAREA	0.9305522088006124	3.8464203892717184e-166

correlation	ENV_SOILSAND	PASTURE_FORESTAREA	-0.7515610205693537	6.345619096819442e-70
correlation	ENV_SOILSAND	LAT	-0.9556383890939608	1.0796346301478593e-201
correlation	ENV_SOILSAND	LONG	-0.9541028617720354	5.599617140092141e-199
correlation	ENV_SOILSAND	ENV_SOILOC	-0.8495676151793217	1.7131272277693032e-106
correlation	ENV_SOILSAND	SOIL_EC_uS_cm	0.808954888085514	3.809832018823734e-20
correlation	ENV_SOILSAND	SOIL_CO2_mg_per_g	-0.7691009203052699	3.2096788018942624e-17
correlation	ENV_SOILSAND	BACTERIAL_NECROMASS_C	-0.8079064351716164	2.211916265127029e-22
correlation	ENV_SOILSAND	FUNGAL_NECROMASS_C	-0.8420084337219707	7.464956594538716e-26
correlation	ENV_SOILSAND	MICROBIAL_NECROMASS_C	-0.8593324890960465	5.992160093623402e-28
correlation	ENV_SOILSAND	ENV_PROBEMOIS_AUG	-0.9063954663211327	8.71661774285907e-143
correlation	ENV_SOILSAND	ENV_PROBEMOIS_JUL	-0.8078085950165904	7.1293680702892e-88
correlation	ENV_SOILSAND	ENV_PROBEMOIS_JUN	-0.5683971374758906	9.968221446564753e-34
correlation	ENV_SOILMOIS	ENV_SOILNH4	0.12473331877449954	0.021420486812224266
correlation	ENV_SOILMOIS	ENV_SOILNO3	0.16921089376278708	0.0017685765519401553
correlation	ENV_SOILMOIS	ENV_SOILP	0.3478625743114225	1.3613649324773276e-11
correlation	ENV_SOILMOIS	ENV_SOILTN	0.8647705228867152	1.559957637995242e-111
correlation	ENV_SOILMOIS	ENV_SOILTC	0.8681586464370064	2.0849157931503577e-113
correlation	ENV_SOILMOIS	ENV_PH	-0.0574507618995157	0.2658342797771151
correlation	ENV_SOILMOIS	ENV_SOILCLAY	0.782127649175904	7.77248160259313e-79
correlation	ENV_SOILMOIS	ENV_SOILSILT	0.8641079304016854	1.457609539738626e-113
correlation	ENV_SOILMOIS	ENV_SOILSAND	-0.8616705198023619	3.179493703378113e-112
correlation	ENV_SOILMOIS	ENV_SOILMOIS	1.0	None
correlation	ENV_SOILMOIS	PC_SHOOTMASS	0.4709226412063008	4.272692593762845e-22
correlation	ENV_SOILMOIS	PC_WOODMASS	0.13039202562263846	0.011491055974944413
correlation	ENV_SOILMOIS	PC_LITTERMASS	0.12415692728856297	0.01614697059554945
correlation	ENV_SOILMOIS	PC_ROOTMASS	0.10333694516509849	0.14433738694625706
correlation	ENV_SOILMOIS	RC_SHOOTMASS	0.4803785889666045	1.0613729326677886e-22
correlation	ENV_SOILMOIS	RC_LITTERMASS	0.20302702598346034	0.00010714378128825386
correlation	ENV_SOILMOIS	COVER_TOTAL_JUL	0.29306626893210075	6.661510129471183e-09
correlation	ENV_SOILMOIS	COVER_RICHNESS_JUL	-0.04719860488375795	0.36077078919910616
correlation	ENV_SOILMOIS	COVER_SHANNON_JUL	-0.037658641734350275	0.46598386832946775
correlation	ENV_SOILMOIS	PASTURE_TOTALAREA	-0.8033725019215534	1.9204605241941584e-86
correlation	ENV_SOILMOIS	PASTURE_FORESTAREA	0.7293006829393062	8.765645743503651e-64
correlation	ENV_SOILMOIS	LAT	0.84635293553628	1.2414769997194656e-104
correlation	ENV_SOILMOIS	LONG	0.8412276360420469	3.484945584370984e-102

correlation	ENV_SOILMOIS	ENV_SOILOC	0.8819277037710748	1.5299442019546685e-124
correlation	ENV_SOILMOIS	SOIL_EC_uS_cm	-0.741493952260712	1.0825972544641767e-15
correlation	ENV_SOILMOIS	SOIL_CO2_mg_per_g	0.7056123223094647	9.441908854874175e-14
correlation	ENV_SOILMOIS	BACTERIAL_NECROMASS_C	0.7666417922627977	3.3398217605382403e-19
correlation	ENV_SOILMOIS	FUNGAL_NECROMASS_C	0.7414848555273762	1.893816744763254e-17
correlation	ENV_SOILMOIS	MICROBIAL_NECROMASS_C	0.7623357162173631	6.9050593143703935e-19
correlation	ENV_SOILMOIS	ENV_PROBEMOIS_AUG	0.7904011449162394	8.029860662420177e-82
correlation	ENV_SOILMOIS	ENV_PROBEMOIS_JUL	0.8040082282502168	3.1676904578961536e-86
correlation	ENV_SOILMOIS	ENV_PROBEMOIS_JUN	0.592821910447875	3.806615536326017e-37
correlation	PC_SHOOTMASS	ENV_SOILNH4	0.08404905056702325	0.12301804255392536
correlation	PC_SHOOTMASS	ENV_SOILNO3	0.03686957395588429	0.4999617207909109
correlation	PC_SHOOTMASS	ENV_SOILP	0.20613533624319524	8.731909905341171e-05
correlation	PC_SHOOTMASS	ENV_SOILTN	0.484670567996993	4.4724651504395406e-23
correlation	PC_SHOOTMASS	ENV_SOILTC	0.48742204111486287	2.3432404955180158e-23
correlation	PC_SHOOTMASS	ENV_PH	-0.013558844739941437	0.7930107773852757
correlation	PC_SHOOTMASS	ENV_SOILCLAY	0.3551582206245564	1.279382044848531e-12
correlation	PC_SHOOTMASS	ENV_SOILSILT	0.440773080839569	2.64652961611932e-19
correlation	PC_SHOOTMASS	ENV_SOILSAND	-0.4185473007890816	2.224213672137836e-17
correlation	PC_SHOOTMASS	ENV_SOILMOIS	0.4709226412063008	4.272692593762845e-22
correlation	PC_SHOOTMASS	PC_SHOOTMASS	1.0	None
correlation	PC_SHOOTMASS	PC_WOODMASS	0.23202265746551562	5.304281381449279e-06
correlation	PC_SHOOTMASS	PC_LITTERMASS	0.4397622988650377	3.260690102112009e-19
correlation	PC_SHOOTMASS	PC_ROOTMASS	0.23385029633911722	0.000834256227602668
correlation	PC_SHOOTMASS	RC_SHOOTMASS	0.537462303156759	4.4119030848647537e-29
correlation	PC_SHOOTMASS	RC_LITTERMASS	0.46228600791551383	1.8404704702074572e-20
correlation	PC_SHOOTMASS	COVER_TOTAL_JUL	0.29784016878340264	3.6749574064170586e-09
correlation	PC_SHOOTMASS	COVER_RICHNESS_JUL	-0.10043829217613699	0.05134166937121634
correlation	PC_SHOOTMASS	COVER_SHANNON_JUL	-0.037870802461212605	0.46347351835425993
correlation	PC_SHOOTMASS	PASTURE_TOTALAREA	-0.4040710182879716	3.0681922133679355e-16
correlation	PC_SHOOTMASS	PASTURE_FORESTAREA	0.3032868930850003	1.8394816266656277e-09
correlation	PC_SHOOTMASS	LAT	0.39844644758243986	8.528764098728341e-16
correlation	PC_SHOOTMASS	LONG	0.3921555193259709	2.6157490195295696e-15
correlation	PC_SHOOTMASS	ENV_SOILOC	0.4875775611978816	6.579260168963192e-24
correlation	PC_SHOOTMASS	SOIL_EC_uS_cm	-0.479536727570121	5.913940005493162e-06
correlation	PC_SHOOTMASS	SOIL_CO2_mg_per_g	0.48087009625091004	5.523675124790838e-06

correlation	PC_SHOOTMASS	BACTERIAL_NECROMASS_C	0.4116741285670806	5.0321294827335304e-05
correlation	PC_SHOOTMASS	FUNGAL_NECROMASS_C	0.3862298192772198	0.0001560118214687263
correlation	PC_SHOOTMASS	MICROBIAL_NECROMASS_C	0.3985063752871885	9.141610245144546e-05
correlation	PC_SHOOTMASS	ENV_PROBEMOIS_AUG	0.4988403700387386	4.101206500605146e-25
correlation	PC_SHOOTMASS	ENV_PROBEMOIS_JUL	0.3477016837793727	4.26582983835928e-12
correlation	PC_SHOOTMASS	ENV_PROBEMOIS_JUN	0.23283703770934056	4.90501540758057e-06
correlation	PC_WOODMASS	ENV_SOILNH4	0.004801517777276621	0.9299177514973602
correlation	PC_WOODMASS	ENV_SOILNO3	-0.024293504651208806	0.656769290869123
correlation	PC_WOODMASS	ENV_SOILP	-0.06024891045937203	0.2562039840785595
correlation	PC_WOODMASS	ENV_SOILTN	0.14128080590873124	0.0066346956929077055
correlation	PC_WOODMASS	ENV_SOILTC	0.14503642776873424	0.005310506970076287
correlation	PC_WOODMASS	ENV_PH	0.011698645530342906	0.8208902762731888
correlation	PC_WOODMASS	ENV_SOILCLAY	0.21990862830580027	1.6867282058851887e-05
correlation	PC_WOODMASS	ENV_SOILSILT	0.21448588959920112	2.7395828232544306e-05
correlation	PC_WOODMASS	ENV_SOILSAND	-0.2264060850217173	9.281979695581902e-06
correlation	PC_WOODMASS	ENV_SOILMOIS	0.13039202562263846	0.011491055974944413
correlation	PC_WOODMASS	PC_SHOOTMASS	0.23202265746551562	5.304281381449279e-06
correlation	PC_WOODMASS	PC_WOODMASS	1.0	None
correlation	PC_WOODMASS	PC_LITTERMASS	0.021179270011009825	0.682275626072782
correlation	PC_WOODMASS	PC_ROOTMASS	0.0643469969755101	0.36412796507021516
correlation	PC_WOODMASS	RC_SHOOTMASS	0.07401341414771792	0.1553724140229143
correlation	PC_WOODMASS	RC_LITTERMASS	0.004136349121594735	0.9376617244666712
correlation	PC_WOODMASS	COVER_TOTAL_JUL	0.03211276920215761	0.5342003137272466
correlation	PC_WOODMASS	COVER_RICHNESS_JUL	0.04194705863685544	0.4167242417022609
correlation	PC_WOODMASS	COVER_SHANNON_JUL	0.059654806501367334	0.24789810618246177
correlation	PC_WOODMASS	PASTURE_TOTALAREA	-0.23218864616922735	5.220467559171631e-06
correlation	PC_WOODMASS	PASTURE_FORESTAREA	0.07185593029781298	0.16381427150603795
correlation	PC_WOODMASS	LAT	0.21318471806304526	2.9978638527922986e-05
correlation	PC_WOODMASS	LONG	0.21704072781394745	2.1286220770045727e-05
correlation	PC_WOODMASS	ENV_SOILOC	0.16240965013460626	0.00155624885161878
correlation	PC_WOODMASS	SOIL_EC_uS_cm	-0.3898177220059999	0.0003216088529507296
correlation	PC_WOODMASS	SOIL_CO2_mg_per_g	0.3965492491888419	0.0002473972845195573
correlation	PC_WOODMASS	BACTERIAL_NECROMASS_C	0.19171219372100462	0.06868867296326665
correlation	PC_WOODMASS	FUNGAL_NECROMASS_C	0.2050780843322362	0.05116942157789623
correlation	PC_WOODMASS	MICROBIAL_NECROMASS_C	0.20862517982727133	0.04719560554194196

correlation	PC_WOODMASS	ENV_PROBEMOIS_AUG	0.17176959733178168	0.0008110037735110068
correlation	PC_WOODMASS	ENV_PROBEMOIS_JUL	0.15614156522571473	0.00242784161679095
correlation	PC_WOODMASS	ENV_PROBEMOIS_JUN	0.08216590491029523	0.11121186320292778
correlation	PC_LITTERMASS	ENV_SOILNH4	0.014948332190466923	0.7842237539814421
correlation	PC_LITTERMASS	ENV_SOILNO3	-0.03590393755573345	0.5112635101816735
correlation	PC_LITTERMASS	ENV_SOILP	0.025257242197574366	0.6343424297472522
correlation	PC_LITTERMASS	ENV_SOILTN	0.14209711489500543	0.006324023565849867
correlation	PC_LITTERMASS	ENV_SOILTC	0.1440050909311609	0.005648156236180266
correlation	PC_LITTERMASS	ENV_PH	-0.0109278163717874	0.8325115361738893
correlation	PC_LITTERMASS	ENV_SOILCLAY	-0.0003414473585178442	0.9947349054183349
correlation	PC_LITTERMASS	ENV_SOILSILT	0.0468590246764977	0.3648815049420326
correlation	PC_LITTERMASS	ENV_SOILSAND	-0.026089539067036906	0.6140531266869445
correlation	PC_LITTERMASS	ENV_SOILMOIS	0.12415692728856297	0.01614697059554945
correlation	PC_LITTERMASS	PC_SHOOTMASS	0.4397622988650377	3.260690102112009e-19
correlation	PC_LITTERMASS	PC_WOODMASS	0.021179270011009825	0.682275626072782
correlation	PC_LITTERMASS	PC_LITTERMASS	1.0	None
correlation	PC_LITTERMASS	PC_ROOTMASS	0.281040148057498	5.314752453900491e-05
correlation	PC_LITTERMASS	RC_SHOOTMASS	0.2988811843844256	4.512482586647317e-09
correlation	PC_LITTERMASS	RC_LITTERMASS	0.6345831056756427	5.747153341029856e-42
correlation	PC_LITTERMASS	COVER_TOTAL_JUL	0.18378042296875394	0.0003343498974363752
correlation	PC_LITTERMASS	COVER_RICHNESS_JUL	-0.05836435836711755	0.25829442239087974
correlation	PC_LITTERMASS	COVER_SHANNON_JUL	-0.09292756449826756	0.07150815847941701
correlation	PC_LITTERMASS	PASTURE_TOTALAREA	-0.00616137291397909	0.9050883157474594
correlation	PC_LITTERMASS	PASTURE_FORESTAREA	0.04529941556648996	0.38044040860883344
correlation	PC_LITTERMASS	LAT	0.028542290501488408	0.58063097737469
correlation	PC_LITTERMASS	LONG	0.027770546593214582	0.5909087453245875
correlation	PC_LITTERMASS	ENV_SOILOC	0.1243175666382582	0.015727825640101185
correlation	PC_LITTERMASS	SOIL_EC_uS_cm	-0.21015136687297997	0.0596933251679212
correlation	PC_LITTERMASS	SOIL_CO2_mg_per_g	0.21242729542023997	0.0569204345964541
correlation	PC_LITTERMASS	BACTERIAL_NECROMASS_C	0.1881559253184753	0.07408796601912279
correlation	PC_LITTERMASS	FUNGAL_NECROMASS_C	0.19580730938374005	0.06286983778446925
correlation	PC_LITTERMASS	MICROBIAL_NECROMASS_C	0.19959155178573354	0.05785511648787123
correlation	PC_LITTERMASS	ENV_PROBEMOIS_AUG	0.11961521160218831	0.020171554084733707
correlation	PC_LITTERMASS	ENV_PROBEMOIS_JUL	0.059889339125808	0.24730545915304303
correlation	PC_LITTERMASS	ENV_PROBEMOIS_JUN	0.09568798489560854	0.06345130541984435

correlation	PC_ROOTMASS	ENV_SOILNH4	0.007800916437548337	0.9200600705636833
correlation	PC_ROOTMASS	ENV_SOILNO3	-0.011368843953714104	0.8837148741675905
correlation	PC_ROOTMASS	ENV_SOILP	-0.10794900393212667	0.13509629837429205
correlation	PC_ROOTMASS	ENV_SOILTN	0.1770857187491574	0.013028179662385625
correlation	PC_ROOTMASS	ENV_SOILTC	0.2085819621471077	0.0033483173688540636
correlation	PC_ROOTMASS	ENV_PH	0.06658350233331468	0.3476592228173306
correlation	PC_ROOTMASS	ENV_SOILCLAY	-0.04698255532970741	0.507776235135472
correlation	PC_ROOTMASS	ENV_SOILSILT	0.16143346566476244	0.022051604163218493
correlation	PC_ROOTMASS	ENV_SOILSAND	-0.12350669590867065	0.08067499551524614
correlation	PC_ROOTMASS	ENV_SOILMOIS	0.10333694516509849	0.14433738694625706
correlation	PC_ROOTMASS	PC_SHOOTMASS	0.23385029633911722	0.000834256227602668
correlation	PC_ROOTMASS	PC_WOODMASS	0.0643469969755101	0.36412796507021516
correlation	PC_ROOTMASS	PC_LITTERMASS	0.281040148057498	5.314752453900491e-05
correlation	PC_ROOTMASS	PC_ROOTMASS	1.0	None
correlation	PC_ROOTMASS	RC_SHOOTMASS	0.321560948609078	3.6356213339264306e-06
correlation	PC_ROOTMASS	RC_LITTERMASS	0.2354610426039275	0.0009497944503746888
correlation	PC_ROOTMASS	COVER_TOTAL_JUL	0.23350882107878262	0.000849463226333717
correlation	PC_ROOTMASS	COVER_RICHNESS_JUL	0.07988946498414526	0.2595870897949102
correlation	PC_ROOTMASS	COVER_SHANNON_JUL	-0.05758600888288126	0.41678885153936385
correlation	PC_ROOTMASS	PASTURE_TOTALAREA	-0.04764138858641414	0.5018369653098173
correlation	PC_ROOTMASS	PASTURE_FORESTAREA	-0.11495118682717156	0.1041750966532074
correlation	PC_ROOTMASS	LAT	0.11482917071207904	0.1045456232232709
correlation	PC_ROOTMASS	LONG	0.05402937423313414	0.44619259616159973
correlation	PC_ROOTMASS	ENV_SOILOC	0.3683067336152613	7.474097785366531e-08
correlation	PC_ROOTMASS	SOIL_EC_uS_cm	-0.5049967977370639	0.0006477983674268218
correlation	PC_ROOTMASS	SOIL_CO2_mg_per_g	0.49274129706331726	0.0009161295738423576
correlation	PC_ROOTMASS	BACTERIAL_NECROMASS_C	0.14912458507708345	0.3398755969307639
correlation	PC_ROOTMASS	FUNGAL_NECROMASS_C	0.2869977647352467	0.06204370935406206
correlation	PC_ROOTMASS	MICROBIAL_NECROMASS_C	0.3290186124061544	0.03121479632850254
correlation	PC_ROOTMASS	ENV_PROBEMOIS_AUG	0.3703591567482534	6.243652476902889e-08
correlation	PC_ROOTMASS	ENV_PROBEMOIS_JUL	0.14850093104770434	0.03632353128835575
correlation	PC_ROOTMASS	ENV_PROBEMOIS_JUN	0.2153857564343763	0.002135591098476791
correlation	RC_SHOOTMASS	ENV_SOILNH4	0.028643380294125203	0.6019339491265429
correlation	RC_SHOOTMASS	ENV_SOILNO3	0.022750554105935225	0.6791296453496756
correlation	RC_SHOOTMASS	ENV_SOILP	0.15316721411523307	0.0040231410196638435

correlation	RC_SHOOTMASS	ENV_SOILTN	0.4503799719356838	1.7510402971247795e-19
correlation	RC_SHOOTMASS	ENV_SOILTC	0.4468572843949961	3.5971308363683133e-19
correlation	RC_SHOOTMASS	ENV_PH	-0.015287785813663917	0.7691499088231449
correlation	RC_SHOOTMASS	ENV_SOILCLAY	0.37033704989475885	1.7995645883683099e-13
correlation	RC_SHOOTMASS	ENV_SOILSILT	0.4513764538983126	5.672054885934367e-20
correlation	RC_SHOOTMASS	ENV_SOILSAND	-0.4314573342969573	3.2993218451115966e-18
correlation	RC_SHOOTMASS	ENV_SOILMOIS	0.4803785889666045	1.0613729326677886e-22
correlation	RC_SHOOTMASS	PC_SHOOTMASS	0.537462303156759	4.4119030848647537e-29
correlation	RC_SHOOTMASS	PC_WOODMASS	0.07401341414771792	0.1553724140229143
correlation	RC_SHOOTMASS	PC_LITTERMASS	0.2988811843844256	4.512482586647317e-09
correlation	RC_SHOOTMASS	PC_ROOTMASS	0.321560948609078	3.6356213339264306e-06
correlation	RC_SHOOTMASS	RC_SHOOTMASS	1.0	None
correlation	RC_SHOOTMASS	RC_LITTERMASS	0.3832412788673338	5.259305058616847e-14
correlation	RC_SHOOTMASS	COVER_TOTAL_JUL	0.2599297068391069	3.829619352316219e-07
correlation	RC_SHOOTMASS	COVER_RICHNESS_JUL	-0.04338005847124724	0.40477051840255085
correlation	RC_SHOOTMASS	COVER_SHANNON_JUL	-0.03444633893310511	0.5083297097864331
correlation	RC_SHOOTMASS	PASTURE_TOTALAREA	-0.4327601445243987	2.295713448805142e-18
correlation	RC_SHOOTMASS	PASTURE_FORESTAREA	0.3599470473522977	8.629760301538216e-13
correlation	RC_SHOOTMASS	LAT	0.4357151665394936	1.2723884277343088e-18
correlation	RC_SHOOTMASS	LONG	0.43111270449799616	3.1821434855399367e-18
correlation	RC_SHOOTMASS	ENV_SOILOC	0.4818462081281089	5.784153039337056e-23
correlation	RC_SHOOTMASS	SOIL_EC_uS_cm	-0.5071334086756514	1.3555163456981073e-06
correlation	RC_SHOOTMASS	SOIL_CO2_mg_per_g	0.49767573708958457	2.2786062783970067e-06
correlation	RC_SHOOTMASS	BACTERIAL_NECROMASS_C	0.47265270137234744	2.2386298022664778e-06
correlation	RC_SHOOTMASS	FUNGAL_NECROMASS_C	0.5203124711847925	1.2484912539641178e-07
correlation	RC_SHOOTMASS	MICROBIAL_NECROMASS_C	0.527898690900757	7.562318921437637e-08
correlation	RC_SHOOTMASS	ENV_PROBEMOIS_AUG	0.48674451627385135	1.825130330914581e-23
correlation	RC_SHOOTMASS	ENV_PROBEMOIS_JUL	0.3791774848439732	4.6083819353682636e-14
correlation	RC_SHOOTMASS	ENV_PROBEMOIS_JUN	0.2397742924632099	2.9957787592556052e-06
correlation	RC_LITTERMASS	ENV_SOILNH4	0.00781199551462842	0.8884290738246159
correlation	RC_LITTERMASS	ENV_SOILNO3	-0.014805361928538424	0.7906388776251941
correlation	RC_LITTERMASS	ENV_SOILP	0.05744436547523729	0.2894549040828907
correlation	RC_LITTERMASS	ENV_SOILTN	0.17471629708621653	0.0009631788229356112
correlation	RC_LITTERMASS	ENV_SOILTC	0.16828879816220285	0.001483816749254387
correlation	RC_LITTERMASS	ENV_PH	-0.03908637195084727	0.45908859244586214

correlation	RC_LITTERMASS	ENV_SOILCLAY	0.07191658204509725	0.17334334264307813
correlation	RC_LITTERMASS	ENV_SOILSILT	0.09739037891362912	0.06491890963537833
correlation	RC_LITTERMASS	ENV_SOILSAND	-0.08924179175795466	0.0908883562839063
correlation	RC_LITTERMASS	ENV_SOILMOIS	0.20302702598346034	0.00010714378128825386
correlation	RC_LITTERMASS	PC_SHOOTMASS	0.46228600791551383	1.8404704702074572e-20
correlation	RC_LITTERMASS	PC_WOODMASS	0.004136349121594735	0.9376617244666712
correlation	RC_LITTERMASS	PC_LITTERMASS	0.6345831056756427	5.747153341029856e-42
correlation	RC_LITTERMASS	PC_ROOTMASS	0.2354610426039275	0.0009497944503746888
correlation	RC_LITTERMASS	RC_SHOOTMASS	0.3832412788673338	5.259305058616847e-14
correlation	RC_LITTERMASS	RC_LITTERMASS	1.0	None
correlation	RC_LITTERMASS	COVER_TOTAL_JUL	0.20158798721612256	0.00011499738104519842
correlation	RC_LITTERMASS	COVER_RICHNESS_JUL	-0.024486891858469126	0.6428577306446928
correlation	RC_LITTERMASS	COVER_SHANNON_JUL	-0.060672867085816304	0.2502072848498164
correlation	RC_LITTERMASS	PASTURE_TOTALAREA	-0.06398458869443745	0.22523154981901253
correlation	RC_LITTERMASS	PASTURE_FORESTAREA	0.09656191887475961	0.06686236030677996
correlation	RC_LITTERMASS	LAT	0.08590265959460519	0.10320650736526697
correlation	RC_LITTERMASS	LONG	0.08218605163919226	0.11905382001943526
correlation	RC_LITTERMASS	ENV_SOILOC	0.1819984784918183	0.000510768535790517
correlation	RC_LITTERMASS	SOIL_EC_uS_cm	-0.17532716073336607	0.12469366999787163
correlation	RC_LITTERMASS	SOIL_CO2_mg_per_g	0.18200253765036842	0.11075644826389479
correlation	RC_LITTERMASS	BACTERIAL_NECROMASS_C	0.14320903633911544	0.18316146848422704
correlation	RC_LITTERMASS	FUNGAL_NECROMASS_C	0.1454630086135038	0.17629287767253968
correlation	RC_LITTERMASS	MICROBIAL_NECROMASS_C	0.14886537197984043	0.1662849403448179
correlation	RC_LITTERMASS	ENV_PROBEMOIS_AUG	0.19539827894674466	0.0001871463268564656
correlation	RC_LITTERMASS	ENV_PROBEMOIS_JUL	0.0977294539591101	0.0643595385358658
correlation	RC_LITTERMASS	ENV_PROBEMOIS_JUN	0.18041361090311397	0.0005725936259946812
correlation	COVER_TOTAL_JUL	ENV_SOILNH4	0.020479781384842934	0.7067107652708091
correlation	COVER_TOTAL_JUL	ENV_SOILNO3	-0.009686974147720077	0.8589574032672745
correlation	COVER_TOTAL_JUL	ENV_SOILP	0.05821253564008417	0.27130746560893076
correlation	COVER_TOTAL_JUL	ENV_SOILTN	0.29503141742492234	7.24636772336825e-09
correlation	COVER_TOTAL_JUL	ENV_SOILTC	0.3020111940069021	3.0543777495115706e-09
correlation	COVER_TOTAL_JUL	ENV_PH	-0.03949345129418171	0.44331050630348723
correlation	COVER_TOTAL_JUL	ENV_SOILCLAY	0.19455590438878054	0.00014094363727167782
correlation	COVER_TOTAL_JUL	ENV_SOILSILT	0.2956968452315337	4.585631964449785e-09
correlation	COVER_TOTAL_JUL	ENV_SOILSAND	-0.2596271552987091	3.0707082250367356e-07

correlation	COVER_TOTAL_JUL	ENV_SOILMOIS	0.29306626893210075	6.661510129471183e-09
correlation	COVER_TOTAL_JUL	PC_SHOOTMASS	0.29784016878340264	3.6749574064170586e-09
correlation	COVER_TOTAL_JUL	PC_WOODMASS	0.03211276920215761	0.5342003137272466
correlation	COVER_TOTAL_JUL	PC_LITTERMASS	0.18378042296875394	0.0003343498974363752
correlation	COVER_TOTAL_JUL	PC_ROOTMASS	0.23350882107878262	0.000849463226333717
correlation	COVER_TOTAL_JUL	RC_SHOOTMASS	0.2599297068391069	3.829619352316219e-07
correlation	COVER_TOTAL_JUL	RC_LITTERMASS	0.20158798721612256	0.00011499738104519842
correlation	COVER_TOTAL_JUL	COVER_TOTAL_JUL	1.0	None
correlation	COVER_TOTAL_JUL	COVER_RICHNESS_JUL	0.6899432235267254	7.311063543760954e-55
correlation	COVER_TOTAL_JUL	COVER_SHANNON_JUL	0.6762577414231112	5.531531537974552e-52
correlation	COVER_TOTAL_JUL	PASTURE_TOTALAREA	-0.25787411095751367	3.5800234101281325e-07
correlation	COVER_TOTAL_JUL	PASTURE_FORESTAREA	0.21789998533991392	1.872462152365193e-05
correlation	COVER_TOTAL_JUL	LAT	0.26482230240595844	1.6748955359846863e-07
correlation	COVER_TOTAL_JUL	LONG	0.2621891035331195	2.2393755025110714e-07
correlation	COVER_TOTAL_JUL	ENV_SOILOC	0.280154546258383	2.898012276921114e-08
correlation	COVER_TOTAL_JUL	SOIL_EC_uS_cm	-0.43907206542852717	3.289986446951067e-05
correlation	COVER_TOTAL_JUL	SOIL_CO2_mg_per_g	0.4428775942422733	2.7576631196126777e-05
correlation	COVER_TOTAL_JUL	BACTERIAL_NECROMASS_C	0.24760320118207296	0.016716156879407754
correlation	COVER_TOTAL_JUL	FUNGAL_NECROMASS_C	0.21632698350733612	0.03727889232118378
correlation	COVER_TOTAL_JUL	MICROBIAL_NECROMASS_C	0.22505941126175857	0.030086631021456457
correlation	COVER_TOTAL_JUL	ENV_PROBEMOIS_AUG	0.27389180545748365	6.011778510668967e-08
correlation	COVER_TOTAL_JUL	ENV_PROBEMOIS_JUL	0.24585833927255166	1.3501678632751845e-06
correlation	COVER_TOTAL_JUL	ENV_PROBEMOIS_JUN	0.19068966460023026	0.0001881692685831855
correlation	COVER_RICHNESS_JUL	ENV_SOILNH4	-0.08770427828462951	0.10645293525512346
correlation	COVER_RICHNESS_JUL	ENV_SOILNO3	-0.11354847703370045	0.03664564779146647
correlation	COVER_RICHNESS_JUL	ENV_SOILP	-0.08694660177582288	0.10001647570378731
correlation	COVER_RICHNESS_JUL	ENV_SOILTN	-0.04567724037313692	0.3809736683983221
correlation	COVER_RICHNESS_JUL	ENV_SOILTC	-0.037851583114392885	0.467908468215791
correlation	COVER_RICHNESS_JUL	ENV_PH	-0.046884631783328905	0.3627001418757632
correlation	COVER_RICHNESS_JUL	ENV_SOILCLAY	-0.06209713726220688	0.2284077690193866
correlation	COVER_RICHNESS_JUL	ENV_SOILSILT	-0.014740504757592003	0.7751427332056182
correlation	COVER_RICHNESS_JUL	ENV_SOILSAND	0.038242590388312556	0.4584935725125718
correlation	COVER_RICHNESS_JUL	ENV_SOILMOIS	-0.04719860488375795	0.36077078919910616
correlation	COVER_RICHNESS_JUL	PC_SHOOTMASS	-0.10043829217613699	0.05134166937121634
correlation	COVER_RICHNESS_JUL	PC_WOODMASS	0.04194705863685544	0.4167242417022609

correlation	COVER_RICHNESS_JUL	PC_LITTERMASS	-0.05836435836711755	0.25829442239087974
correlation	COVER_RICHNESS_JUL	PC_ROOTMASS	0.07988946498414526	0.2595870897949102
correlation	COVER_RICHNESS_JUL	RC_SHOOTMASS	-0.04338005847124724	0.40477051840255085
correlation	COVER_RICHNESS_JUL	RC_LITTERMASS	-0.024486891858469126	0.6428577306446928
correlation	COVER_RICHNESS_JUL	COVER_TOTAL_JUL	0.6899432235267254	7.311063543760954e-55
correlation	COVER_RICHNESS_JUL	COVER_RICHNESS_JUL	1.0	None
correlation	COVER_RICHNESS_JUL	COVER_SHANNON_JUL	0.8528464544999022	1.971049048746599e-108
correlation	COVER_RICHNESS_JUL	PASTURE_TOTALAREA	0.032079696491942526	0.5335326896797133
correlation	COVER_RICHNESS_JUL	PASTURE_FORESTAREA	-0.001249921927782579	0.9806507905529908
correlation	COVER_RICHNESS_JUL	LAT	-0.011441570602174324	0.8243021164055699
correlation	COVER_RICHNESS_JUL	LONG	-0.009794836297331038	0.8492622656802086
correlation	COVER_RICHNESS_JUL	ENV_SOILOC	-0.04052953191547696	0.43143244169260714
correlation	COVER_RICHNESS_JUL	SOIL_EC_uS_cm	-0.06716837923725162	0.5462860858486859
correlation	COVER_RICHNESS_JUL	SOIL_CO2_mg_per_g	0.07868011418819923	0.47954395213367734
correlation	COVER_RICHNESS_JUL	BACTERIAL_NECROMASS_C	-0.06070301952953976	0.5632541251099261
correlation	COVER_RICHNESS_JUL	FUNGAL_NECROMASS_C	-0.0721466436302647	0.4919293100730884
correlation	COVER_RICHNESS_JUL	MICROBIAL_NECROMASS_C	-0.07263799089634278	0.48897736431126954
correlation	COVER_RICHNESS_JUL	ENV_PROBEMOIS_AUG	-0.0532739010211458	0.30093000896836475
correlation	COVER_RICHNESS_JUL	ENV_PROBEMOIS_JUL	0.00450962786461884	0.9304562538804199
correlation	COVER_RICHNESS_JUL	ENV_PROBEMOIS_JUN	-0.03632028203604503	0.4808242641813238
correlation	COVER_SHANNON_JUL	ENV_SOILNH4	-0.07422212969759127	0.1721172020519646
correlation	COVER_SHANNON_JUL	ENV_SOILNO3	-0.09947630540607098	0.06735051359085058
correlation	COVER_SHANNON_JUL	ENV_SOILP	-0.05557330894246272	0.29367057448344536
correlation	COVER_SHANNON_JUL	ENV_SOILTN	-0.022740075661257273	0.6628436796369502
correlation	COVER_SHANNON_JUL	ENV_SOILTC	-0.018376613417360115	0.7246021027754604
correlation	COVER_SHANNON_JUL	ENV_PH	-0.03619147941591595	0.4823825167724623
correlation	COVER_SHANNON_JUL	ENV_SOILCLAY	-0.049971241312056526	0.33257525929951876
correlation	COVER_SHANNON_JUL	ENV_SOILSILT	-0.0030887664475536683	0.9522721263989652
correlation	COVER_SHANNON_JUL	ENV_SOILSAND	0.02586878715043917	0.6161143396106344
correlation	COVER_SHANNON_JUL	ENV_SOILMOIS	-0.037658641734350275	0.46598386832946775
correlation	COVER_SHANNON_JUL	PC_SHOOTMASS	-0.037870802461212605	0.46347351835425993
correlation	COVER_SHANNON_JUL	PC_WOODMASS	0.059654806501367334	0.24789810618246177
correlation	COVER_SHANNON_JUL	PC_LITTERMASS	-0.09292756449826756	0.07150815847941701
correlation	COVER_SHANNON_JUL	PC_ROOTMASS	-0.05758600888288126	0.41678885153936385
correlation	COVER_SHANNON_JUL	RC_SHOOTMASS	-0.03444633893310511	0.5083297097864331

correlation	COVER_SHANNON_JUL	RC_LITTERMASS	-0.060672867085816304	0.2502072848498164
correlation	COVER_SHANNON_JUL	COVER_TOTAL_JUL	0.6762577414231112	5.531531537974552e-52
correlation	COVER_SHANNON_JUL	COVER_RICHNESS_JUL	0.8528464544999022	1.971049048746599e-108
correlation	COVER_SHANNON_JUL	COVER_SHANNON_JUL	1.0	None
correlation	COVER_SHANNON_JUL	PASTURE_TOTALAREA	0.02775451488547687	0.5901340814016229
correlation	COVER_SHANNON_JUL	PASTURE_FORESTAREA	0.01933372494162637	0.707527157314352
correlation	COVER_SHANNON_JUL	LAT	-0.0033728684001628714	0.9478188751688714
correlation	COVER_SHANNON_JUL	LONG	-0.004194116222060005	0.9351386561507051
correlation	COVER_SHANNON_JUL	ENV_SOILOC	-0.02811952484701281	0.5852526455315595
correlation	COVER_SHANNON_JUL	SOIL_EC_uS_cm	-0.15948839450471586	0.14980822793912058
correlation	COVER_SHANNON_JUL	SOIL_CO2_mg_per_g	0.17511105993806514	0.1133293345629496
correlation	COVER_SHANNON_JUL	BACTERIAL_NECROMASS_C	0.020132947868650795	0.8480957918192036
correlation	COVER_SHANNON_JUL	FUNGAL_NECROMASS_C	0.020247285568694377	0.8472435214660116
correlation	COVER_SHANNON_JUL	MICROBIAL_NECROMASS_C	0.02072796469693875	0.8436624839130105
correlation	COVER_SHANNON_JUL	ENV_PROBEMOIS_AUG	-0.032136095337630906	0.5328130719541952
correlation	COVER_SHANNON_JUL	ENV_PROBEMOIS_JUL	0.004675722287250629	0.9279017145546784
correlation	COVER_SHANNON_JUL	ENV_PROBEMOIS_JUN	-0.09209328197134302	0.07333343582455766
correlation	PASTURE_TOTALAREA	ENV_SOILNH4	-0.07815826504278323	0.15041690425154336
correlation	PASTURE_TOTALAREA	ENV_SOILNO3	-0.06733356904257855	0.21624781050994743
correlation	PASTURE_TOTALAREA	ENV_SOILP	-0.17577939224489086	0.000822794336063344
correlation	PASTURE_TOTALAREA	ENV_SOILTN	-0.831034853090105	8.900738133498568e-96
correlation	PASTURE_TOTALAREA	ENV_SOILTC	-0.8320276009427019	3.3214800442980142e-96
correlation	PASTURE_TOTALAREA	ENV_PH	0.0691832488875166	0.17894319428924155
correlation	PASTURE_TOTALAREA	ENV_SOILCLAY	-0.8771334528295156	7.966415671041406e-122
correlation	PASTURE_TOTALAREA	ENV_SOILSILT	-0.9048451212111633	1.6439418154505165e-141
correlation	PASTURE_TOTALAREA	ENV_SOILSAND	0.9305522088006124	3.8464203892717184e-166
correlation	PASTURE_TOTALAREA	ENV_SOILMOIS	-0.8033725019215534	1.9204605241941584e-86
correlation	PASTURE_TOTALAREA	PC_SHOOTMASS	-0.4040710182879716	3.0681922133679355e-16
correlation	PASTURE_TOTALAREA	PC_WOODMASS	-0.23218864616922735	5.220467559171631e-06
correlation	PASTURE_TOTALAREA	PC_LITTERMASS	-0.00616137291397909	0.9050883157474594
correlation	PASTURE_TOTALAREA	PC_ROOTMASS	-0.04764138858641414	0.5018369653098173
correlation	PASTURE_TOTALAREA	RC_SHOOTMASS	-0.4327601445243987	2.295713448805142e-18
correlation	PASTURE_TOTALAREA	RC_LITTERMASS	-0.06398458869443745	0.22523154981901253
correlation	PASTURE_TOTALAREA	COVER_TOTAL_JUL	-0.25787411095751367	3.5800234101281325e-07
correlation	PASTURE_TOTALAREA	COVER_RICHNESS_JUL	0.032079696491942526	0.5335326896797133

correlation	PASTURE_TOTALAREA	COVER_SHANNON_JUL	0.02775451488547687	0.5901340814016229
correlation	PASTURE_TOTALAREA	PASTURE_TOTALAREA	1.0	None
correlation	PASTURE_TOTALAREA	PASTURE_FORESTAREA	-0.7275373033117363	1.150968358480995e-63
correlation	PASTURE_TOTALAREA	LAT	-0.9620901903827072	7.9868586298743e-215
correlation	PASTURE_TOTALAREA	LONG	-0.9618190296716527	2.9830342353908386e-214
correlation	PASTURE_TOTALAREA	ENV_SOILOC	-0.8405680621445017	2.0764063251269645e-102
correlation	PASTURE_TOTALAREA	SOIL_EC_uS_cm	0.7971574848406943	1.9612713872435983e-19
correlation	PASTURE_TOTALAREA	SOIL_CO2_mg_per_g	-0.7636598947496291	4.654352167083615e-17
correlation	PASTURE_TOTALAREA	BACTERIAL_NECROMASS_C	-0.7597695061449112	1.056832624516289e-18
correlation	PASTURE_TOTALAREA	FUNGAL_NECROMASS_C	-0.7792947788818982	3.600042945912879e-20
correlation	PASTURE_TOTALAREA	MICROBIAL_NECROMASS_C	-0.796121640724217	1.4663962036377656e-21
correlation	PASTURE_TOTALAREA	ENV_PROBEMOIS_AUG	-0.8779100009497993	1.2490598972288274e-122
correlation	PASTURE_TOTALAREA	ENV_PROBEMOIS_JUL	-0.7943320870509543	3.463119204792618e-83
correlation	PASTURE_TOTALAREA	ENV_PROBEMOIS_JUN	-0.5520072842715408	1.3092039774012922e-31
correlation	PASTURE_FORESTAREA	ENV_SOILNH4	0.04576922979075462	0.40019340966815753
correlation	PASTURE_FORESTAREA	ENV_SOILNO3	0.09669600218506957	0.07541129025962962
correlation	PASTURE_FORESTAREA	ENV_SOILP	0.14704579495333814	0.005244917548631708
correlation	PASTURE_FORESTAREA	ENV_SOILTN	0.6665439252286081	7.027965377852899e-49
correlation	PASTURE_FORESTAREA	ENV_SOILTC	0.6670233710747234	5.6823611566768985e-49
correlation	PASTURE_FORESTAREA	ENV_PH	-0.10275662851581978	0.04559267496847994
correlation	PASTURE_FORESTAREA	ENV_SOILCLAY	0.740727791915348	6.123259757732396e-67
correlation	PASTURE_FORESTAREA	ENV_SOILSILT	0.7029430449117385	1.334935560322945e-57
correlation	PASTURE_FORESTAREA	ENV_SOILSAND	-0.7515610205693537	6.345619096819442e-70
correlation	PASTURE_FORESTAREA	ENV_SOILMOIS	0.7293006829393062	8.765645743503651e-64
correlation	PASTURE_FORESTAREA	PC_SHOOTMASS	0.3032868930850003	1.8394816266656277e-09
correlation	PASTURE_FORESTAREA	PC_WOODMASS	0.07185593029781298	0.16381427150603795
correlation	PASTURE_FORESTAREA	PC_LITTERMASS	0.04529941556648996	0.38044040860883344
correlation	PASTURE_FORESTAREA	PC_ROOTMASS	-0.11495118682717156	0.1041750966532074
correlation	PASTURE_FORESTAREA	RC_SHOOTMASS	0.3599470473522977	8.629760301538216e-13
correlation	PASTURE_FORESTAREA	RC_LITTERMASS	0.09656191887475961	0.06686236030677996
correlation	PASTURE_FORESTAREA	COVER_TOTAL_JUL	0.21789998533991392	1.872462152365193e-05
correlation	PASTURE_FORESTAREA	COVER_RICHNESS_JUL	-0.001249921927782579	0.9806507905529908
correlation	PASTURE_FORESTAREA	COVER_SHANNON_JUL	0.01933372494162637	0.707527157314352
correlation	PASTURE_FORESTAREA	PASTURE_TOTALAREA	-0.7275373033117363	1.150968358480995e-63
correlation	PASTURE_FORESTAREA	PASTURE_FORESTAREA	1.0	None

correlation	PASTURE_FORESTAREA	LAT	0.777782958830029	4.915329035442375e-78
correlation	PASTURE_FORESTAREA	LONG	0.7673886532998448	9.113543633991871e-75
correlation	PASTURE_FORESTAREA	ENV_SOILOC	0.6832742060449838	1.9346721666444561e-53
correlation	PASTURE_FORESTAREA	SOIL_EC_uS_cm	-0.5622521913821472	3.178637244001763e-08
correlation	PASTURE_FORESTAREA	SOIL_CO2_mg_per_g	0.5235779658521746	3.7944651781492367e-07
correlation	PASTURE_FORESTAREA	BACTERIAL_NECROMASS_C	0.6021266773632649	1.7209661159126262e-10
correlation	PASTURE_FORESTAREA	FUNGAL_NECROMASS_C	0.5228648315136737	7.593957331729992e-08
correlation	PASTURE_FORESTAREA	MICROBIAL_NECROMASS_C	0.5443770451365055	1.6970257481439612e-08
correlation	PASTURE_FORESTAREA	ENV_PROBEMOIS_AUG	0.6909804959024207	4.35749259134555e-55
correlation	PASTURE_FORESTAREA	ENV_PROBEMOIS_JUL	0.736603061808528	1.1344920047382648e-65
correlation	PASTURE_FORESTAREA	ENV_PROBEMOIS_JUN	0.3017887811851213	2.0202911372576944e-09
correlation	LAT	ENV_SOILNH4	0.06299833387836035	0.2466580070321671
correlation	LAT	ENV_SOILNO3	0.05778801205183706	0.2887139750989529
correlation	LAT	ENV_SOILP	0.1710312829627523	0.0011408039267711998
correlation	LAT	ENV_SOILTN	0.856293434584388	1.2369393200428916e-107
correlation	LAT	ENV_SOILTC	0.8573969583388584	3.336451117877446e-108
correlation	LAT	ENV_PH	-0.07009485628836298	0.17327074307871881
correlation	LAT	ENV_SOILCLAY	0.9101735985444454	5.4493085400172225e-146
correlation	LAT	ENV_SOILSILT	0.9211360836372766	3.728935930219749e-156
correlation	LAT	ENV_SOILSAND	-0.9556383890939608	1.0796346301478593e-201
correlation	LAT	ENV_SOILMOIS	0.84635293553628	1.2414769997194656e-104
correlation	LAT	PC_SHOOTMASS	0.39844644758243986	8.528764098728341e-16
correlation	LAT	PC_WOODMASS	0.21318471806304526	2.9978638527922986e-05
correlation	LAT	PC_LITTERMASS	0.028542290501488408	0.58063097737469
correlation	LAT	PC_ROOTMASS	0.11482917071207904	0.1045456232232709
correlation	LAT	RC_SHOOTMASS	0.4357151665394936	1.2723884277343088e-18
correlation	LAT	RC_LITTERMASS	0.08590265959460519	0.10320650736526697
correlation	LAT	COVER_TOTAL_JUL	0.26482230240595844	1.6748955359846863e-07
correlation	LAT	COVER_RICHNESS_JUL	-0.011441570602174324	0.8243021164055699
correlation	LAT	COVER_SHANNON_JUL	-0.0033728684001628714	0.9478188751688714
correlation	LAT	PASTURE_TOTALAREA	-0.9620901903827072	7.9868586298743e-215
correlation	LAT	PASTURE_FORESTAREA	0.777782958830029	4.915329035442375e-78
correlation	LAT	LAT	1.0	None
correlation	LAT	LONG	0.9993893540826612	0.0
correlation	LAT	ENV_SOILOC	0.8661476861096221	1.3116281432067432e-115

correlation	LAT	SOIL_EC_uS_cm	-0.7797521489198382	3.7894179258453035e-18
correlation	LAT	SOIL_CO2_mg_per_g	0.7349015732256126	2.596562981312096e-15
correlation	LAT	BACTERIAL_NECROMASS_C	0.7954241077355179	1.6843609379922619e-21
correlation	LAT	FUNGAL_NECROMASS_C	0.8019014763601308	4.554161906604924e-22
correlation	LAT	MICROBIAL_NECROMASS_C	0.8207232512034832	7.607366746637931e-24
correlation	LAT	ENV_PROBEMOIS_AUG	0.9115745884719471	1.3350212051888032e-147
correlation	LAT	ENV_PROBEMOIS_JUL	0.8248482923828149	6.575598649906062e-95
correlation	LAT	ENV_PROBEMOIS_JUN	0.5386141855372633	6.753152075036716e-30
correlation	LONG	ENV_SOILNH4	0.06273649576175412	0.248631212616665
correlation	LONG	ENV_SOILNO3	0.05575852147187509	0.30601107619366985
correlation	LONG	ENV_SOILP	0.16709102718447646	0.001486802473585649
correlation	LONG	ENV_SOILTN	0.8539297258553096	1.9742621757558864e-106
correlation	LONG	ENV_SOILTC	0.8550891312730629	5.104762985993292e-107
correlation	LONG	ENV_PH	-0.06728856356208625	0.191170822665187
correlation	LONG	ENV_SOILCLAY	0.9075225777608373	9.976308768973822e-144
correlation	LONG	ENV_SOILSILT	0.9206816791914963	1.0509349221136866e-155
correlation	LONG	ENV_SOILSAND	-0.9541028617720354	5.599617140092141e-199
correlation	LONG	ENV_SOILMOIS	0.8412276360420469	3.484945584370984e-102
correlation	LONG	PC_SHOOTMASS	0.3921555193259709	2.6157490195295696e-15
correlation	LONG	PC_WOODMASS	0.21704072781394745	2.1286220770045727e-05
correlation	LONG	PC_LITTERMASS	0.027770546593214582	0.5909087453245875
correlation	LONG	PC_ROOTMASS	0.05402937423313414	0.44619259616159973
correlation	LONG	RC_SHOOTMASS	0.43111270449799616	3.1821434855399367e-18
correlation	LONG	RC_LITTERMASS	0.08218605163919226	0.11905382001943526
correlation	LONG	COVER_TOTAL_JUL	0.2621891035331195	2.2393755025110714e-07
correlation	LONG	COVER_RICHNESS_JUL	-0.009794836297331038	0.8492622656802086
correlation	LONG	COVER_SHANNON_JUL	-0.004194116222060005	0.9351386561507051
correlation	LONG	PASTURE_TOTALAREA	-0.9618190296716527	2.9830342353908386e-214
correlation	LONG	PASTURE_FORESTAREA	0.7673886532998448	9.113543633991871e-75
correlation	LONG	LAT	0.9993893540826612	0.0
correlation	LONG	LONG	1.0	None
correlation	LONG	ENV_SOILOC	0.8637709619959063	2.854461721657398e-114
correlation	LONG	SOIL_EC_uS_cm	-0.7778446619144063	5.157147268250356e-18
correlation	LONG	SOIL_CO2_mg_per_g	0.7325113332047118	3.543090385913982e-15
correlation	LONG	BACTERIAL_NECROMASS_C	0.7931711406544091	2.6256911484172058e-21

correlation	LONG	FUNGAL_NECROMASS_C	0.8023317393381236	4.168073720979045e-22
correlation	LONG	MICROBIAL_NECROMASS_C	0.8208670282349201	7.35981893021462e-24
correlation	LONG	ENV_PROBEMOIS_AUG	0.9096717484749546	6.13517242673246e-146
correlation	LONG	ENV_PROBEMOIS_JUL	0.8219286540769697	1.084583992307313e-93
correlation	LONG	ENV_PROBEMOIS_JUN	0.5432641355823273	1.752423754601508e-30
correlation	ENV_SOILOC	ENV_SOILNH4	0.11689197973306352	0.031174660567861567
correlation	ENV_SOILOC	ENV_SOILNO3	0.11321023384571513	0.03721251633088648
correlation	ENV_SOILOC	ENV_SOILP	0.23893137989563373	4.6991958031996626e-06
correlation	ENV_SOILOC	ENV_SOILTN	0.9246369313227419	2.3437461106465714e-156
correlation	ENV_SOILOC	ENV_SOILTC	0.9252027186735401	6.179400249063343e-157
correlation	ENV_SOILOC	ENV_PH	-0.09588932426224621	0.0621955624293479
correlation	ENV_SOILOC	ENV_SOILCLAY	0.7627487661450217	3.579701841577498e-73
correlation	ENV_SOILOC	ENV_SOILSILT	0.8588926643142257	2.5992324876151473e-111
correlation	ENV_SOILOC	ENV_SOILSAND	-0.8495676151793217	1.7131272277693032e-106
correlation	ENV_SOILOC	ENV_SOILMOIS	0.8819277037710748	1.5299442019546685e-124
correlation	ENV_SOILOC	PC_SHOOTMASS	0.4875775611978816	6.579260168963192e-24
correlation	ENV_SOILOC	PC_WOODMASS	0.16240965013460626	0.00155624885161878
correlation	ENV_SOILOC	PC_LITTERMASS	0.1243175666382582	0.015727825640101185
correlation	ENV_SOILOC	PC_ROOTMASS	0.3683067336152613	7.474097785366531e-08
correlation	ENV_SOILOC	RC_SHOOTMASS	0.4818462081281089	5.784153039337056e-23
correlation	ENV_SOILOC	RC_LITTERMASS	0.1819984784918183	0.000510768535790517
correlation	ENV_SOILOC	COVER_TOTAL_JUL	0.280154546258383	2.898012276921114e-08
correlation	ENV_SOILOC	COVER_RICHNESS_JUL	-0.04052953191547696	0.43143244169260714
correlation	ENV_SOILOC	COVER_SHANNON_JUL	-0.02811952484701281	0.5852526455315595
correlation	ENV_SOILOC	PASTURE_TOTALAREA	-0.8405680621445017	2.0764063251269645e-102
correlation	ENV_SOILOC	PASTURE_FORESTAREA	0.6832742060449838	1.9346721666444561e-53
correlation	ENV_SOILOC	LAT	0.8661476861096221	1.3116281432067432e-115
correlation	ENV_SOILOC	LONG	0.8637709619959063	2.854461721657398e-114
correlation	ENV_SOILOC	ENV_SOILOC	1.0	None
correlation	ENV_SOILOC	SOIL_EC_uS_cm	-0.7686170984717616	2.1962369556130422e-17
correlation	ENV_SOILOC	SOIL_CO2_mg_per_g	0.7344410379660017	2.7575236530091565e-15
correlation	ENV_SOILOC	BACTERIAL_NECROMASS_C	0.825933636380011	2.250216449924889e-24
correlation	ENV_SOILOC	FUNGAL_NECROMASS_C	0.8223674925653952	5.201875281808792e-24
correlation	ENV_SOILOC	MICROBIAL_NECROMASS_C	0.8427995074109315	3.247304201623636e-26
correlation	ENV_SOILOC	ENV_PROBEMOIS_AUG	0.8260872485647529	6.240291411616007e-96

correlation	ENV_SOILOC	ENV_PROBEMOIS_JUL	0.7653427650949992	9.263578273613098e-74
correlation	ENV_SOILOC	ENV_PROBEMOIS_JUN	0.5299828994874457	7.819481039188595e-29
correlation	SOIL_EC_uS_cm	ENV_SOILNH4	-0.03978462156425243	0.7346909476287647
correlation	SOIL_EC_uS_cm	ENV_SOILNO3	-0.01323775647361359	0.9102511816224634
correlation	SOIL_EC_uS_cm	ENV_SOILP	-0.034756050652690836	0.7610619911483822
correlation	SOIL_EC_uS_cm	ENV_SOILTN	-0.805379388121586	7.421738534076549e-20
correlation	SOIL_EC_uS_cm	ENV_SOILTC	-0.8023750717807001	1.286034815470208e-19
correlation	SOIL_EC_uS_cm	ENV_PH	-0.15331295161774913	0.16643172662681793
correlation	SOIL_EC_uS_cm	ENV_SOILCLAY	-0.7052261993964559	1.400694507063819e-13
correlation	SOIL_EC_uS_cm	ENV_SOILSILT	-0.8554043610371131	1.4411061362230015e-24
correlation	SOIL_EC_uS_cm	ENV_SOILSAND	0.808954888085514	3.809832018823734e-20
correlation	SOIL_EC_uS_cm	ENV_SOILMOIS	-0.741493952260712	1.0825972544641767e-15
correlation	SOIL_EC_uS_cm	PC_SHOOTMASS	-0.479536727570121	5.913940005493162e-06
correlation	SOIL_EC_uS_cm	PC_WOODMASS	-0.3898177220059999	0.00032160885295072966
correlation	SOIL_EC_uS_cm	PC_LITTERMASS	-0.21015136687297997	0.0596933251679212
correlation	SOIL_EC_uS_cm	PC_ROOTMASS	-0.5049967977370639	0.0006477983674268218
correlation	SOIL_EC_uS_cm	RC_SHOOTMASS	-0.5071334086756514	1.3555163456981073e-06
correlation	SOIL_EC_uS_cm	RC_LITTERMASS	-0.17532716073336607	0.12469366999787163
correlation	SOIL_EC_uS_cm	COVER_TOTAL_JUL	-0.43907206542852717	3.289986446951067e-05
correlation	SOIL_EC_uS_cm	COVER_RICHNESS_JUL	-0.06716837923725162	0.5462860858486859
correlation	SOIL_EC_uS_cm	COVER_SHANNON_JUL	-0.15948839450471586	0.14980822793912058
correlation	SOIL_EC_uS_cm	PASTURE_TOTALAREA	0.7971574848406943	1.9612713872435983e-19
correlation	SOIL_EC_uS_cm	PASTURE_FORESTAREA	-0.5622521913821472	3.178637244001763e-08
correlation	SOIL_EC_uS_cm	LAT	-0.7797521489198382	3.7894179258453035e-18
correlation	SOIL_EC_uS_cm	LONG	-0.7778446619144063	5.157147268250356e-18
correlation	SOIL_EC_uS_cm	ENV_SOILOC	-0.7686170984717616	2.1962369556130422e-17
correlation	SOIL_EC_uS_cm	SOIL_EC_uS_cm	1.0	None
correlation	SOIL_EC_uS_cm	SOIL_CO2_mg_per_g	-0.9954098881852929	2.5319198897558013e-84
correlation	SOIL_EC_uS_cm	BACTERIAL_NECROMASS_C	-0.7323662746072603	5.334154474567844e-15
correlation	SOIL_EC_uS_cm	FUNGAL_NECROMASS_C	-0.7081462403018305	1.0032526562989546e-13
correlation	SOIL_EC_uS_cm	MICROBIAL_NECROMASS_C	-0.7262384579456385	1.1541496589319561e-14
correlation	SOIL_EC_uS_cm	ENV_PROBEMOIS_AUG	-0.7750084007145673	8.109405003922634e-18
correlation	SOIL_EC_uS_cm	ENV_PROBEMOIS_JUL	-0.7271483846229988	1.0305293283649308e-14
correlation	SOIL_EC_uS_cm	ENV_PROBEMOIS_JUN	-0.5235157428541224	3.8087014367037966e-07
correlation	SOIL_CO2_mg_per_g	ENV_SOILNH4	0.02967656538982704	0.800464823553081

correlation	SOIL_CO2_mg_per_g	ENV_SOILNO3	0.00036646250102501864	0.9975103225871892
correlation	SOIL_CO2_mg_per_g	ENV_SOILP	0.030076740819135184	0.7924531258275515
correlation	SOIL_CO2_mg_per_g	ENV_SOILTN	0.7757862018738678	1.1428224910061673e-17
correlation	SOIL_CO2_mg_per_g	ENV_SOILTC	0.7724572753942361	1.9195607908144594e-17
correlation	SOIL_CO2_mg_per_g	ENV_PH	0.17709501244450337	0.10923716359547336
correlation	SOIL_CO2_mg_per_g	ENV_SOILCLAY	0.6610049028724456	1.395803450665161e-11
correlation	SOIL_CO2_mg_per_g	ENV_SOILSILT	0.8217002366454769	3.139925087775088e-21
correlation	SOIL_CO2_mg_per_g	ENV_SOILSAND	-0.7691009203052699	3.2096788018942624e-17
correlation	SOIL_CO2_mg_per_g	ENV_SOILMOIS	0.7056123223094647	9.441908854874175e-14
correlation	SOIL_CO2_mg_per_g	PC_SHOOTMASS	0.48087009625091004	5.523675124790838e-06
correlation	SOIL_CO2_mg_per_g	PC_WOODMASS	0.3965492491888419	0.0002473972845195573 3
correlation	SOIL_CO2_mg_per_g	PC_LITTERMASS	0.21242729542023997	0.0569204345964541
correlation	SOIL_CO2_mg_per_g	PC_ROOTMASS	0.49274129706331726	0.0009161295738423576
correlation	SOIL_CO2_mg_per_g	RC_SHOOTMASS	0.49767573708958457	2.2786062783970067e-06
correlation	SOIL_CO2_mg_per_g	RC_LITTERMASS	0.18200253765036842	0.11075644826389479
correlation	SOIL_CO2_mg_per_g	COVER_TOTAL_JUL	0.4428775942422733	2.7576631196126777e-05
correlation	SOIL_CO2_mg_per_g	COVER_RICHNESS_JUL	0.07868011418819923	0.47954395213367734
correlation	SOIL_CO2_mg_per_g	COVER_SHANNON_JUL	0.17511105993806514	0.1133293345629496
correlation	SOIL_CO2_mg_per_g	PASTURE_TOTALAREA	-0.7636598947496291	4.654352167083615e-17
correlation	SOIL_CO2_mg_per_g	PASTURE_FORESTAREA	0.5235779658521746	3.7944651781492367e-07
correlation	SOIL_CO2_mg_per_g	LAT	0.7349015732256126	2.596562981312096e-15
correlation	SOIL_CO2_mg_per_g	LONG	0.7325113332047118	3.543090385913982e-15
correlation	SOIL_CO2_mg_per_g	ENV_SOILOC	0.7344410379660017	2.7575236530091565e-15
correlation	SOIL_CO2_mg_per_g	SOIL_EC_uS_cm	-0.9954098881852929	2.5319198897558013e-84
correlation	SOIL_CO2_mg_per_g	SOIL_CO2_mg_per_g	1.0	None
correlation	SOIL_CO2_mg_per_g	BACTERIAL_NECROMASS_C	0.7061871843278597	1.2555694047882097e-13
correlation	SOIL_CO2_mg_per_g	FUNGAL_NECROMASS_C	0.6716129303966143	4.972351475369766e-12
correlation	SOIL_CO2_mg_per_g	MICROBIAL_NECROMASS_C	0.6901267255689635	7.389235357581985e-13
correlation	SOIL_CO2_mg_per_g	ENV_PROBEMOIS_AUG	0.7382650310584391	1.6671617065999913e-15
correlation	SOIL_CO2_mg_per_g	ENV_PROBEMOIS_JUL	0.6999264848401598	2.5406436560751473e-13
correlation	SOIL_CO2_mg_per_g	ENV_PROBEMOIS_JUN	0.49535120362201585	1.9264637753012126e-06
correlation	BACTERIAL_NECROMASS_C	ENV_SOILNH4	0.08984752546854874	0.4163481389499499
correlation	BACTERIAL_NECROMASS_C	ENV_SOILNO3	0.06255314593235937	0.5718882928906057
correlation	BACTERIAL_NECROMASS_C	ENV_SOILP	0.041387290902105835	0.70016894420607
correlation	BACTERIAL_NECROMASS_C	ENV_SOILTN	0.8048183093840711	4.213555040833276e-22

correlation	BACTERIAL_NECROMASS_C	ENV_SOILTC	0.7976160151410713	1.8132055570175098e-21
correlation	BACTERIAL_NECROMASS_C	ENV_PH	-0.13671354943331512	0.1913039401332147
correlation	BACTERIAL_NECROMASS_C	ENV_SOILCLAY	0.7881227883239372	1.1372495600294643e-20
correlation	BACTERIAL_NECROMASS_C	ENV_SOILSILT	0.7635402824243118	8.787805775685717e-19
correlation	BACTERIAL_NECROMASS_C	ENV_SOILSAND	-0.8079064351716164	2.211916265127029e-22
correlation	BACTERIAL_NECROMASS_C	ENV_SOILMOIS	0.7666417922627977	3.3398217605382403e-19
correlation	BACTERIAL_NECROMASS_C	PC_SHOOTMASS	0.4116741285670806	5.0321294827335304e-05
correlation	BACTERIAL_NECROMASS_C	PC_WOODMASS	0.19171219372100462	0.06868867296326665
correlation	BACTERIAL_NECROMASS_C	PC_LITTERMASS	0.1881559253184753	0.07408796601912279
correlation	BACTERIAL_NECROMASS_C	PC_ROOTMASS	0.14912458507708345	0.3398755969307639
correlation	BACTERIAL_NECROMASS_C	RC_SHOOTMASS	0.47265270137234744	2.2386298022664778e-06
correlation	BACTERIAL_NECROMASS_C	RC_LITTERMASS	0.14320903633911544	0.18316146848422704
correlation	BACTERIAL_NECROMASS_C	COVER_TOTAL_JUL	0.24760320118207296	0.016716156879407754
correlation	BACTERIAL_NECROMASS_C	COVER_RICHNESS_JUL	-0.06070301952953976	0.5632541251099261
correlation	BACTERIAL_NECROMASS_C	COVER_SHANNON_JUL	0.020132947868650795	0.8480957918192036
correlation	BACTERIAL_NECROMASS_C	PASTURE_TOTALAREA	-0.7597695061449112	1.056832624516289e-18
correlation	BACTERIAL_NECROMASS_C	PASTURE_FORESTAREA	0.6021266773632649	1.7209661159126262e-10
correlation	BACTERIAL_NECROMASS_C	LAT	0.7954241077355179	1.6843609379922619e-21
correlation	BACTERIAL_NECROMASS_C	LONG	0.7931711406544091	2.6256911484172058e-21
correlation	BACTERIAL_NECROMASS_C	ENV_SOILOC	0.825933636380011	2.250216449924889e-24
correlation	BACTERIAL_NECROMASS_C	SOIL_EC_uS_cm	-0.7323662746072603	5.334154474567844e-15
correlation	BACTERIAL_NECROMASS_C	SOIL_CO2_mg_per_g	0.7061871843278597	1.2555694047882097e-13
correlation	BACTERIAL_NECROMASS_C	BACTERIAL_NECROMASS_C	1.0	None
correlation	BACTERIAL_NECROMASS_C	FUNGAL_NECROMASS_C	0.7561176724932528	1.9191072985602535e-18
correlation	BACTERIAL_NECROMASS_C	MICROBIAL_NECROMASS_C	0.8015327448287478	4.912522483850918e-22
correlation	BACTERIAL_NECROMASS_C	ENV_PROBEMOIS_AUG	0.8141830444363969	3.3230241268578956e-23
correlation	BACTERIAL_NECROMASS_C	ENV_PROBEMOIS_JUL	0.69174173964713	2.263914635972858e-14
correlation	BACTERIAL_NECROMASS_C	ENV_PROBEMOIS_JUN	0.3922388465988801	0.00010087062126286181
correlation	FUNGAL_NECROMASS_C	ENV_SOILNH4	0.08019456624622566	0.46835916126118143
correlation	FUNGAL_NECROMASS_C	ENV_SOILNO3	0.038410776869051186	0.7286711680956273
correlation	FUNGAL_NECROMASS_C	ENV_SOILP	0.18488228323066272	0.08282835679268381
correlation	FUNGAL_NECROMASS_C	ENV_SOILTN	0.811183720437312	1.1019456269858715e-22
correlation	FUNGAL_NECROMASS_C	ENV_SOILTC	0.8020005103181186	7.51122499070128e-22
correlation	FUNGAL_NECROMASS_C	ENV_PH	-0.20226587208274888	0.05185353629428685
correlation	FUNGAL_NECROMASS_C	ENV_SOILCLAY	0.7802250025625341	4.8842933731522817e-20

correlation	FUNGAL_NECROMASS_C	ENV_SOILSILT	0.8310931291019057	1.1694246441660506e-24
correlation	FUNGAL_NECROMASS_C	ENV_SOILSAND	-0.8420084337219707	7.464956594538716e-26
correlation	FUNGAL_NECROMASS_C	ENV_SOILMOIS	0.7414848555273762	1.893816744763254e-17
correlation	FUNGAL_NECROMASS_C	PC_SHOOTMASS	0.3862298192772198	0.0001560118214687263
correlation	FUNGAL_NECROMASS_C	PC_WOODMASS	0.2050780843322362	0.05116942157789623
correlation	FUNGAL_NECROMASS_C	PC_LITTERMASS	0.19580730938374005	0.06286983778446925
correlation	FUNGAL_NECROMASS_C	PC_ROOTMASS	0.2869977647352467	0.06204370935406206
correlation	FUNGAL_NECROMASS_C	RC_SHOOTMASS	0.5203124711847925	1.2484912539641178e-07
correlation	FUNGAL_NECROMASS_C	RC_LITTERMASS	0.1454630086135038	0.17629287767253968
correlation	FUNGAL_NECROMASS_C	COVER_TOTAL_JUL	0.21632698350733612	0.03727889232118378
correlation	FUNGAL_NECROMASS_C	COVER_RICHNESS_JUL	-0.0721466436302647	0.4919293100730884
correlation	FUNGAL_NECROMASS_C	COVER_SHANNON_JUL	0.020247285568694377	0.8472435214660116
correlation	FUNGAL_NECROMASS_C	PASTURE_TOTALAREA	-0.7792947788818982	3.600042945912879e-20
correlation	FUNGAL_NECROMASS_C	PASTURE_FORESTAREA	0.5228648315136737	7.593957331729992e-08
correlation	FUNGAL_NECROMASS_C	LAT	0.8019014763601308	4.554161906604924e-22
correlation	FUNGAL_NECROMASS_C	LONG	0.8023317393381236	4.168073720979045e-22
correlation	FUNGAL_NECROMASS_C	ENV_SOILOC	0.8223674925653952	5.201875281808792e-24
correlation	FUNGAL_NECROMASS_C	SOIL_EC_uS_cm	-0.7081462403018305	1.0032526562989546e-13
correlation	FUNGAL_NECROMASS_C	SOIL_CO2_mg_per_g	0.6716129303966143	4.972351475369766e-12
correlation	FUNGAL_NECROMASS_C	BACTERIAL_NECROMASS_C	0.7561176724932528	1.9191072985602535e-18
correlation	FUNGAL_NECROMASS_C	FUNGAL_NECROMASS_C	1.0	None
correlation	FUNGAL_NECROMASS_C	MICROBIAL_NECROMASS_C	0.997373469216651	1.4967334560720849e-105
correlation	FUNGAL_NECROMASS_C	ENV_PROBEMOIS_AUG	0.8463855803426485	1.2363811739319227e-26
correlation	FUNGAL_NECROMASS_C	ENV_PROBEMOIS_JUL	0.5892944284276693	6.425165538264086e-10
correlation	FUNGAL_NECROMASS_C	ENV_PROBEMOIS_JUN	0.4071019682401707	5.127786930312093e-05
correlation	MICROBIAL_NECROMASS_C	ENV_SOILNH4	0.08333907696748268	0.4510396864858251
correlation	MICROBIAL_NECROMASS_C	ENV_SOILNO3	0.042093357263216856	0.7038118661857792
correlation	MICROBIAL_NECROMASS_C	ENV_SOILP	0.17380856737169617	0.10332335704735923
correlation	MICROBIAL_NECROMASS_C	ENV_SOILTN	0.8303480683464496	1.4009198099330175e-24
correlation	MICROBIAL_NECROMASS_C	ENV_SOILTC	0.821158832711857	1.2123361440817617e-23
correlation	MICROBIAL_NECROMASS_C	ENV_PH	-0.19993908811850708	0.054666820055373086
correlation	MICROBIAL_NECROMASS_C	ENV_SOILCLAY	0.8007042479336359	9.769120020655153e-22
correlation	MICROBIAL_NECROMASS_C	ENV_SOILSILT	0.8443943292979161	3.9787877824324625e-26
correlation	MICROBIAL_NECROMASS_C	ENV_SOILSAND	-0.8593324890960465	5.992160093623402e-28
correlation	MICROBIAL_NECROMASS_C	ENV_SOILMOIS	0.7623357162173631	6.9050593143703935e-19

correlation	MICROBIAL_NECROMASS_C	PC_SHOOTMASS	0.3985063752871885	9.141610245144546e-05
correlation	MICROBIAL_NECROMASS_C	PC_WOODMASS	0.20862517982727133	0.04719560554194196
correlation	MICROBIAL_NECROMASS_C	PC_LITTERMASS	0.19959155178573354	0.05785511648787123
correlation	MICROBIAL_NECROMASS_C	PC_ROOTMASS	0.3290186124061544	0.03121479632850254
correlation	MICROBIAL_NECROMASS_C	RC_SHOOTMASS	0.527898690900757	7.562318921437637e-08
correlation	MICROBIAL_NECROMASS_C	RC_LITTERMASS	0.14886537197984043	0.1662849403448179
correlation	MICROBIAL_NECROMASS_C	COVER_TOTAL_JUL	0.22505941126175857	0.030086631021456457
correlation	MICROBIAL_NECROMASS_C	COVER_RICHNESS_JUL	-0.07263799089634278	0.48897736431126954
correlation	MICROBIAL_NECROMASS_C	COVER_SHANNON_JUL	0.02072796469693875	0.8436624839130105
correlation	MICROBIAL_NECROMASS_C	PASTURE_TOTALAREA	-0.796121640724217	1.4663962036377656e-21
correlation	MICROBIAL_NECROMASS_C	PASTURE_FORESTAREA	0.5443770451365055	1.6970257481439612e-08
correlation	MICROBIAL_NECROMASS_C	LAT	0.8207232512034832	7.607366746637931e-24
correlation	MICROBIAL_NECROMASS_C	LONG	0.8208670282349201	7.35981893021462e-24
correlation	MICROBIAL_NECROMASS_C	ENV_SOILOC	0.8427995074109315	3.247304201623636e-26
correlation	MICROBIAL_NECROMASS_C	SOIL_EC_uS_cm	-0.7262384579456385	1.1541496589319561e-14
correlation	MICROBIAL_NECROMASS_C	SOIL_CO2_mg_per_g	0.6901267255689635	7.389235357581985e-13
correlation	MICROBIAL_NECROMASS_C	BACTERIAL_NECROMASS_C	0.8015327448287478	4.912522483850918e-22
correlation	MICROBIAL_NECROMASS_C	FUNGAL_NECROMASS_C	0.997373469216651	1.4967334560720849e-105
correlation	MICROBIAL_NECROMASS_C	MICROBIAL_NECROMASS_C	1.0	None
correlation	MICROBIAL_NECROMASS_C	ENV_PROBEMOIS_AUG	0.8634440673601904	8.698366316091375e-29
correlation	MICROBIAL_NECROMASS_C	ENV_PROBEMOIS_JUL	0.6150911647508258	6.873847532058e-11
correlation	MICROBIAL_NECROMASS_C	ENV_PROBEMOIS_JUN	0.4153761853689917	3.4692723489938036e-05
correlation	ENV_PROBEMOIS_AUG	ENV_SOILNH4	0.04979516930235702	0.36000049153987834
correlation	ENV_PROBEMOIS_AUG	ENV_SOILNO3	0.0062059638924576825	0.9093622782310643
correlation	ENV_PROBEMOIS_AUG	ENV_SOILP	0.13129108872963138	0.012784321705342504
correlation	ENV_PROBEMOIS_AUG	ENV_SOILTN	0.8295890115825854	3.6977496422555965e-95
correlation	ENV_PROBEMOIS_AUG	ENV_SOILTC	0.827450470912552	2.9659826477782936e-94
correlation	ENV_PROBEMOIS_AUG	ENV_PH	-0.09192835536923426	0.07385198704648382
correlation	ENV_PROBEMOIS_AUG	ENV_SOILCLAY	0.8769415062560103	1.0482406794747406e-121
correlation	ENV_PROBEMOIS_AUG	ENV_SOILSILT	0.8618850964779484	6.231235173642288e-113
correlation	ENV_PROBEMOIS_AUG	ENV_SOILSAND	-0.9063954663211327	8.71661774285907e-143
correlation	ENV_PROBEMOIS_AUG	ENV_SOILMOIS	0.7904011449162394	8.029860662420177e-82
correlation	ENV_PROBEMOIS_AUG	PC_SHOOTMASS	0.4988403700387386	4.101206500605146e-25
correlation	ENV_PROBEMOIS_AUG	PC_WOODMASS	0.17176959733178168	0.0008110037735110068
correlation	ENV_PROBEMOIS_AUG	PC_LITTERMASS	0.11961521160218831	0.020171554084733707

correlation	ENV_PROBEMOIS_AUG	PC_ROOTMASS	0.3703591567482534	6.243652476902889e-08
correlation	ENV_PROBEMOIS_AUG	RC_SHOOTMASS	0.48674451627385135	1.825130330914581e-23
correlation	ENV_PROBEMOIS_AUG	RC_LITTERMASS	0.19539827894674466	0.00018714632685646568
correlation	ENV_PROBEMOIS_AUG	COVER_TOTAL_JUL	0.27389180545748365	6.011778510668967e-08
correlation	ENV_PROBEMOIS_AUG	COVER_RICHNESS_JUL	-0.0532739010211458	0.30093000896836475
correlation	ENV_PROBEMOIS_AUG	COVER_SHANNON_JUL	-0.032136095337630906	0.5328130719541952
correlation	ENV_PROBEMOIS_AUG	PASTURE_TOTALAREA	-0.8779100009497993	1.2490598972288274e-122
correlation	ENV_PROBEMOIS_AUG	PASTURE_FORESTAREA	0.6909804959024207	4.35749259134555e-55
correlation	ENV_PROBEMOIS_AUG	LAT	0.9115745884719471	1.3350212051888032e-147
correlation	ENV_PROBEMOIS_AUG	LONG	0.9096717484749546	6.13517242673246e-146
correlation	ENV_PROBEMOIS_AUG	ENV_SOILOC	0.8260872485647529	6.240291411616007e-96
correlation	ENV_PROBEMOIS_AUG	SOIL_EC_uS_cm	-0.7750084007145673	8.109405003922634e-18
correlation	ENV_PROBEMOIS_AUG	SOIL_CO2_mg_per_g	0.7382650310584391	1.6671617065999913e-15
correlation	ENV_PROBEMOIS_AUG	BACTERIAL_NECROMASS_C	0.8141830444363969	3.3230241268578956e-23
correlation	ENV_PROBEMOIS_AUG	FUNGAL_NECROMASS_C	0.8463855803426485	1.2363811739319227e-26
correlation	ENV_PROBEMOIS_AUG	MICROBIAL_NECROMASS_C	0.8634440673601904	8.698366316091375e-29
correlation	ENV_PROBEMOIS_AUG	ENV_PROBEMOIS_AUG	1.0	None
correlation	ENV_PROBEMOIS_AUG	ENV_PROBEMOIS_JUL	0.7254207252419759	8.337428989097196e-63
correlation	ENV_PROBEMOIS_AUG	ENV_PROBEMOIS_JUN	0.4781959964649381	4.728512128467874e-23
correlation	ENV_PROBEMOIS_JUL	ENV_SOILNH4	0.11776238779830563	0.03017580250177065
correlation	ENV_PROBEMOIS_JUL	ENV_SOILNO3	0.14525263998334031	0.007478632000158384
correlation	ENV_PROBEMOIS_JUL	ENV_SOILP	0.22904019899372804	1.2387912151060894e-05
correlation	ENV_PROBEMOIS_JUL	ENV_SOILTN	0.7446589820829707	3.041587564012338e-66
correlation	ENV_PROBEMOIS_JUL	ENV_SOILTC	0.7541894435051912	7.716627609696918e-69
correlation	ENV_PROBEMOIS_JUL	ENV_PH	-0.017148373823833676	0.7399799281756142
correlation	ENV_PROBEMOIS_JUL	ENV_SOILCLAY	0.7408355281134724	1.2730850140769598e-66
correlation	ENV_PROBEMOIS_JUL	ENV_SOILSILT	0.8030872746333958	4.112889309356318e-86
correlation	ENV_PROBEMOIS_JUL	ENV_SOILSAND	-0.8078085950165904	7.1293680702892e-88
correlation	ENV_PROBEMOIS_JUL	ENV_SOILMOIS	0.8040082282502168	3.1676904578961536e-86
correlation	ENV_PROBEMOIS_JUL	PC_SHOOTMASS	0.3477016837793727	4.26582983835928e-12
correlation	ENV_PROBEMOIS_JUL	PC_WOODMASS	0.15614156522571473	0.00242784161679095
correlation	ENV_PROBEMOIS_JUL	PC_LITTERMASS	0.059889339125808	0.24730545915304303
correlation	ENV_PROBEMOIS_JUL	PC_ROOTMASS	0.14850093104770434	0.03632353128835575
correlation	ENV_PROBEMOIS_JUL	RC_SHOOTMASS	0.3791774848439732	4.6083819353682636e-14
correlation	ENV_PROBEMOIS_JUL	RC_LITTERMASS	0.0977294539591101	0.0643595385358658

correlation	ENV_PROBEMOIS_JUL	COVER_TOTAL_JUL	0.24585833927255166	1.3501678632751845e-06
correlation	ENV_PROBEMOIS_JUL	COVER_RICHNESS_JUL	0.00450962786461884	0.9304562538804199
correlation	ENV_PROBEMOIS_JUL	COVER_SHANNON_JUL	0.004675722287250629	0.9279017145546784
correlation	ENV_PROBEMOIS_JUL	PASTURE_TOTALAREA	-0.7943320870509543	3.463119204792618e-83
correlation	ENV_PROBEMOIS_JUL	PASTURE_FORESTAREA	0.736603061808528	1.1344920047382648e-65
correlation	ENV_PROBEMOIS_JUL	LAT	0.8248482923828149	6.575598649906062e-95
correlation	ENV_PROBEMOIS_JUL	LONG	0.8219286540769697	1.084583992307313e-93
correlation	ENV_PROBEMOIS_JUL	ENV_SOILOC	0.7653427650949992	9.263578273613098e-74
correlation	ENV_PROBEMOIS_JUL	SOIL_EC_uS_cm	-0.7271483846229988	1.0305293283649308e-14
correlation	ENV_PROBEMOIS_JUL	SOIL_CO2_mg_per_g	0.6999264848401598	2.5406436560751473e-13
correlation	ENV_PROBEMOIS_JUL	BACTERIAL_NECROMASS_C	0.69174173964713	2.263914635972858e-14
correlation	ENV_PROBEMOIS_JUL	FUNGAL_NECROMASS_C	0.5892944284276693	6.425165538264086e-10
correlation	ENV_PROBEMOIS_JUL	MICROBIAL_NECROMASS_C	0.6150911647508258	6.873847532058e-11
correlation	ENV_PROBEMOIS_JUL	ENV_PROBEMOIS_AUG	0.7254207252419759	8.337428989097196e-63
correlation	ENV_PROBEMOIS_JUL	ENV_PROBEMOIS_JUL	1.0	None
correlation	ENV_PROBEMOIS_JUL	ENV_PROBEMOIS_JUN	0.509994328248101	2.3682691106332559e-26
correlation	ENV_PROBEMOIS_JUN	ENV_SOILNH4	0.025937733253182656	0.6336562127508281
correlation	ENV_PROBEMOIS_JUN	ENV_SOILNO3	0.05959918458770207	0.27384218308356584
correlation	ENV_PROBEMOIS_JUN	ENV_SOILP	0.19018192590542501	0.0002900864307083471 4
correlation	ENV_PROBEMOIS_JUN	ENV_SOILTN	0.5213719825985638	3.5436723683777325e-27
correlation	ENV_PROBEMOIS_JUN	ENV_SOILTC	0.5232810618148136	2.1317547988876615e-27
correlation	ENV_PROBEMOIS_JUN	ENV_PH	0.039394148999709847	0.44445864175026795
correlation	ENV_PROBEMOIS_JUN	ENV_SOILCLAY	0.49713251307304734	5.449378147597199e-25
correlation	ENV_PROBEMOIS_JUN	ENV_SOILSILT	0.5859970612752213	3.1440019863147447e-36
correlation	ENV_PROBEMOIS_JUN	ENV_SOILSAND	-0.5683971374758906	9.968221446564753e-34
correlation	ENV_PROBEMOIS_JUN	ENV_SOILMOIS	0.592821910447875	3.806615536326017e-37
correlation	ENV_PROBEMOIS_JUN	PC_SHOOTMASS	0.23283703770934056	4.90501540758057e-06
correlation	ENV_PROBEMOIS_JUN	PC_WOODMASS	0.08216590491029523	0.11121186320292778
correlation	ENV_PROBEMOIS_JUN	PC_LITTERMASS	0.09568798489560854	0.06345130541984435
correlation	ENV_PROBEMOIS_JUN	PC_ROOTMASS	0.2153857564343763	0.002135591098476791
correlation	ENV_PROBEMOIS_JUN	RC_SHOOTMASS	0.2397742924632099	2.9957787592556052e-06
correlation	ENV_PROBEMOIS_JUN	RC_LITTERMASS	0.18041361090311397	0.0005725936259946812
correlation	ENV_PROBEMOIS_JUN	COVER_TOTAL_JUL	0.19068966460023026	0.0001881692685831855
correlation	ENV_PROBEMOIS_JUN	COVER_RICHNESS_JUL	-0.03632028203604503	0.4808242641813238
correlation	ENV_PROBEMOIS_JUN	COVER_SHANNON_JUL	-0.09209328197134302	0.07333343582455766

correlation	ENV_PROBEMOIS_JUN	PASTURE_TOTALAREA	-0.5520072842715408	1.3092039774012922e-31
correlation	ENV_PROBEMOIS_JUN	PASTURE_FORESTAREA	0.3017887811851213	2.0202911372576944e-09
correlation	ENV_PROBEMOIS_JUN	LAT	0.5386141855372633	6.753152075036716e-30
correlation	ENV_PROBEMOIS_JUN	LONG	0.5432641355823273	1.752423754601508e-30
correlation	ENV_PROBEMOIS_JUN	ENV_SOILOC	0.5299828994874457	7.819481039188595e-29
correlation	ENV_PROBEMOIS_JUN	SOIL_EC_uS_cm	-0.5235157428541224	3.8087014367037966e-07
correlation	ENV_PROBEMOIS_JUN	SOIL_CO2_mg_per_g	0.49535120362201585	1.9264637753012126e-06
correlation	ENV_PROBEMOIS_JUN	BACTERIAL_NECROMASS_C	0.3922388465988801	0.00010087062126286181
correlation	ENV_PROBEMOIS_JUN	FUNGAL_NECROMASS_C	0.4071019682401707	5.127786930312093e-05
correlation	ENV_PROBEMOIS_JUN	MICROBIAL_NECROMASS_C	0.4153761853689917	3.4692723489938036e-05
correlation	ENV_PROBEMOIS_JUN	ENV_PROBEMOIS_AUG	0.4781959964649381	4.728512128467874e-23
correlation	ENV_PROBEMOIS_JUN	ENV_PROBEMOIS_JUL	0.509994328248101	2.3682691106332559e-26
correlation	ENV_PROBEMOIS_JUN	ENV_PROBEMOIS_JUN	1.0	None