Horni Luby Organic Horizons

	Cws	C.N	TOM	TN	TS	E4	E6	E4.E6	HgT	HgPM	MeHg	Hg2.	HgWS	PWI	OMQ	DI	iAR
Cws	1																
C.N	-0.273*	1															
TOM	0.397*	-0.097	1														
TN	0.496*	-0.521*	0.811*	1													
TS	0.532*	-0.439*	0.775*	0.964*	1												
E4	-0.271*	0.67*	0.567*	0.064	0.064	1											
E6	-0.081	0.121	-0.35*	-0.235*	-0.405*	-0.183	1										
E4.E6	0.108	-0.299*	0.456*	0.412*	0.546*	0.137	-0.973*	1									
HgT	-0.703*	0.293*	-0.757*	-0.568*	-0.532*	-0.177	0.378*	-0.441*	1								
HgPM	-0.591*	-0.345*	-0.177	-0.134	-0.098	-0.09	-0.581*	0.608*	0.182	1							
MeHg	-0.907*	0.231*	-0.273*	-0.499*	-0.499*	0.339*	-0.26*	0.211*	0.426*	0.776*	1						
Hg2.	-0.627*	-0.427*	-0.141	-0.098	-0.134	-0.09	-0.411*	0.474*	0.147	0.964*	0.776*	1					
HgWS	-0.682*	-0.313*	-0.281*	-0.176	-0.139	-0.131	-0.475*	0.502*	0.359*	0.981*	0.791*	0.944*	1				
PWI	0.613*	-0.267*	0.871*	0.94*	0.904*	0.228*	-0.1	0.239*	-0.628*	-0.427*	-0.638*	-0.391*	-0.474*	1			
OMQ	0.284*	-0.013	-0.752*	-0.562*	-0.526*	-0.708*	0.392*	-0.494*	0.252*	-0.305*	-0.343*	-0.34*	-0.271*	-0.502*	1		
DI	0.249*	-0.095	-0.716*	-0.526*	-0.562*	-0.708*	0.563*	-0.628*	0.217*	-0.34*	-0.343*	-0.305*	-0.308*	-0.466*	0.964*	1	
iAR	0.613*	-0.267*	0.871*	0.94*	0.904*	0.228*	-0.1	0.239*	-0.628*	-0.427*	-0.638*	-0.391*	-0.474*	1*	-0.502*	-0.466*	1

* - p<0.05

Horni Luby Mineral Horizons																	
	Cws	C.N	TOM	TN	TS	E4	E6	E4.E6	HgT	HgPM	MeHg	Hg2.	HgWS	PWI	OMQ	DI	iAR
Cws	1																
C.N	0.339*	1															
TOM	0.5*	0.663*	1														
TN	0.567*	0.357*	0.902*	1													
TS	0.464*	0.289*	0.817*	0.858*	1												
E4	0.338*	-0.165	-0.316*	-0.286*	-0.386*	1											
E6	-0.569*	-0.273*	-0.534*	-0.49*	-0.445*	-0.254*	1										
E4.E6	0.557*	0.252*	0.459*	0.428*	0.371*	0.319*	-0.986*	1									
HgT	0.209*	0.483*	0.443*	0.423*	0.117	0.051	-0.185	0.211*	1								
HgPM	0.198*	0.412*	0.04	0.042	-0.27*	0.232*	-0.01	0.089	0.694*	1							
MeHg	0.256*	0.138	0.221*	0.328*	0.136	0.103	-0.061	0.124	0.526*	0.533*	1						
Hg2.	0.048	0.306*	0.372*	0.412*	0.252*	-0.175	0.049	-0.074	0.557*	0.593*	0.507*	1					
HgWS	0.076	0.081	-0.264*	-0.261*	-0.577*	0.517*	-0.098	0.146	0.386*	0.707*	0.233*	0.333*	1				
PWI	0.311*	0.591*	0.64*	0.53*	0.635*	-0.376*	-0.288*	0.273*	0.094	-0.107	-0.003	-0.103	-0.536*	1			
OMQ	0.384*	0.277*	0.491*	0.514*	0.312*	-0.311*	-0.157	0.097	0.405*	0.189	0.258*	0.384*	0.017	-0.033	1		
DI	0.387*	0.272*	0.184	0.225*	0.12	0.078	0.1	-0.056	0.406*	0.384*	0.375*	0.115	-0.079	0.342*	0.258*	1	
iAR	0.324*	0.571*	0.619*	0.52*	0.639*	-0.342*	-0.26*	0.25*	0.077	-0.088	0.03	-0.076	-0.547*	0.993*	-0.047	0.395*	1
* - p<0.05																	

Libčice Organic Horizons																	
	Cws	C.N	TOM	TN	TS	E4	E6	E4.E6	HgT	HgPM	MeHg	Hg2.	HgWS	PIW	OMQ	DI	iAR
Cws	1																
C.N	0.016	1															
TOM	0.177	0.326*	1														
TN	0.201*	-0.181	0.792*	1													
TS	0.093	-0.203*	0.712*	0.944*	1												
E4	0.163	-0.336*	0.167	0.135	0.072	1											
E6	-0.261*	0.118	-0.28*	-0.345*	-0.181	0.04	1										
E4.E6	0.473*	-0.382*	0.195	0.361*	0.159	0.272*	-0.88*	1									
HgT	0.026	-0.404*	0.107	0.164	0.308*	0.645*	0.221*	-0.052	1								
HgPM	-0.707*	-0.396*	-0.004	-0.006	0.123	0.392*	0.114	-0.145	0.566*	1							
MeHg	-0.531*	-0.631*	-0.029	0.162	0.151	0.146	-0.202*	0.216*	0.171	0.726*	1						
Hg2.	-0.624*	-0.33*	0.005	-0.067	0.046	0.38*	-0.018	-0.062	0.506*	0.959*	0.701*	1					
HgWS	0.165	-0.237*	0.132	-0.07	-0.107	0.569*	-0.317*	0.451*	0.495*	0.425*	0.331*	0.541*	1				
PIW	-0.344*	-0.166	0.424*	0.696*	0.809*	-0.099	-0.002	-0.149	0.216*	0.301*	0.199*	0.215*	-0.312*	1			
OMQ	0.395*	0.473*	-0.14	-0.449*	-0.539*	-0.251*	0.117	-0.064	-0.331*	-0.557*	-0.382*	-0.531*	0.034	-0.78*	1		
DI	0.424*	0.508*	0.093	0.064	0.075	-0.4*	0.35*	-0.382*	-0.25*	-0.767*	-0.816*	-0.828*	-0.673*	0.035	0.363*	1	
iAR	-0.257*	-0.025	0.404*	0.666*	0.75*	-0.143	0.06	-0.202*	0.104	0.089	-0.037	-0.022	-0.516*	0.951*	-0.689*	0.281*	1
* - p<0.05																	

Libčice Mineral Horizons																	
	Cws	C.N	TOM	TN	TS	E4	E6	E4.E6	HgT	HgPM	MeHg	Hg2.	HgWS	PIW	OMQ	DI	iAR
Cws	1																
C.N	-0.273*	1															
TOM	0.648*	0.302*	1														
TN	0.836*	-0.305*	0.758*	1													
TS	0.652*	-0.371*	0.444*	0.714*	1												
E4	-0.129	0.337*	0.152	0.027	-0.309*	1											
E6	-0.028	0.399*	0.359*	0.155	0.008	0.579*	1										
E4.E6	0.123	-0.373*	-0.119	0.135	0.019	-0.236*	-0.526*	1									
HgT	0.164	-0.266*	-0.091	0.226*	0.509*	-0.173	-0.07	-0.179	1								
HgPM	-0.037	-0.577*	-0.521*	-0.146	0.072	-0.296*	-0.37*	-0.005	0.474*	1							
MeHg	0.38*	-0.106	0.201*	0.233*	0.177	0.075	-0.032	0.062	0.064	-0.11	1						
Hg2.	-0.013	-0.547*	-0.49*	-0.137	0.188	-0.445*	-0.397*	0.097	0.472*	0.936*	-0.052	1					
HgWS	-0.113	-0.477*	-0.479*	-0.139	0.056	-0.26*	-0.309*	-0.058	0.519*	0.952*	-0.162	0.882*	1				
PIW	0.508*	0.329*	0.906*	0.685*	0.307*	0.218*	0.429*	-0.101	-0.166	-0.644*	0.097	-0.632*	-0.581*	1			
OMQ	-0.237*	-0.391*	-0.786*	-0.464*	-0.343*	0.067	-0.281*	0.166	0.052	0.491*	0.044	0.396*	0.402*	-0.844*	1		
DI	-0.184	0.451*	0.037	-0.251*	-0.005	0.269*	0.286*	-0.355*	-0.188	-0.549*	-0.128	-0.516*	-0.587*	0.144	-0.143	1	
iAR	0.473*	0.379*	0.903*	0.644*	0.281*	0.22*	0.423*	-0.096	-0.211*	-0.696*	0.085	-0.675*	-0.632*	0.993*	-0.849*	0.221*	1
* - p<0.05																	