

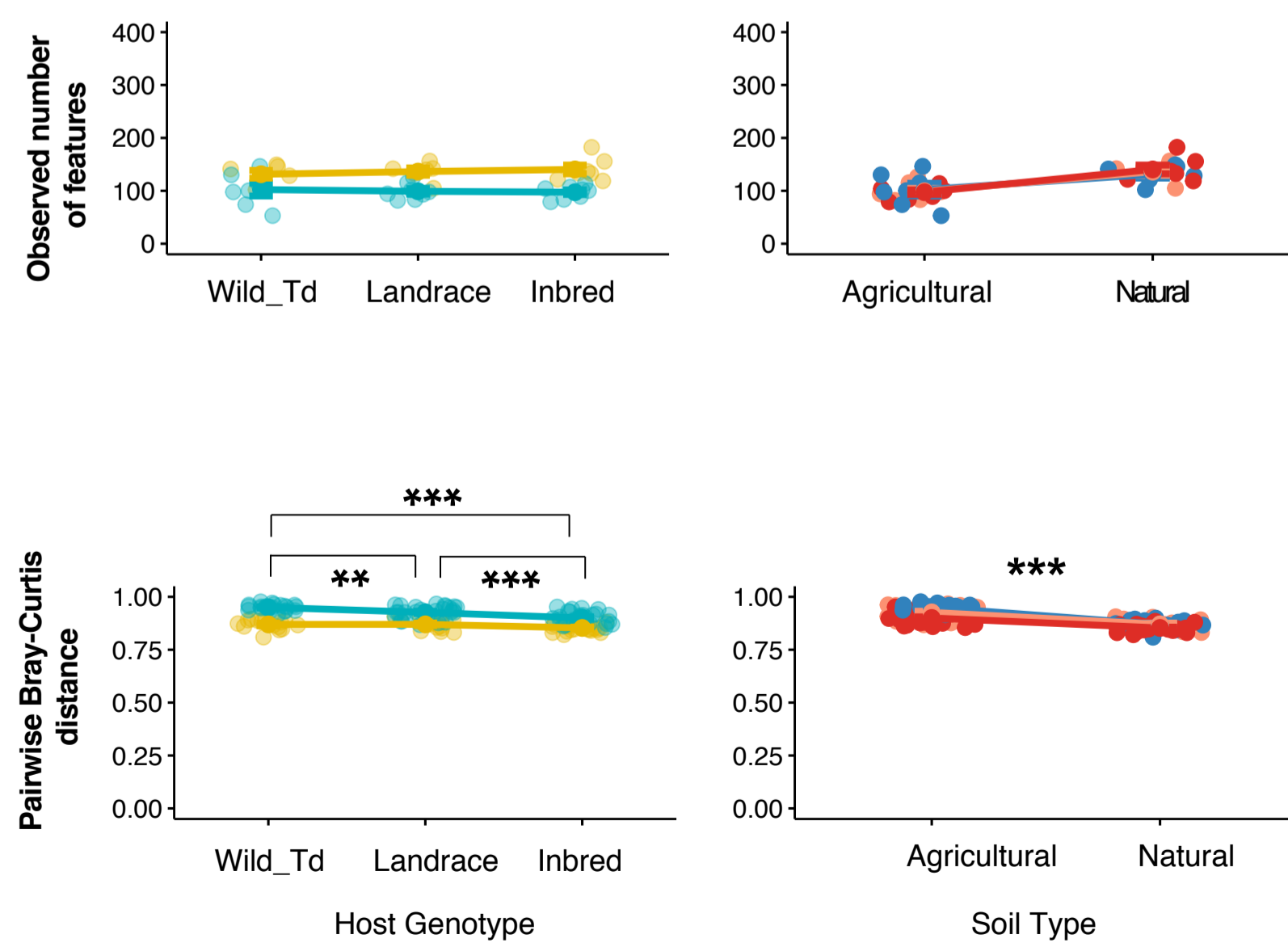
A



B

ROOTS- EXPLAINED VARIATION in BETA DIVERSITY			
Beta <sub>Bray</sub>	Soil Type	8.52 %	p= 0.001
ROOTS- PAIRWISE BETA DIVERSITY			
Landrace & Wild (Td)	p= 0.028		
Inbred & Landrace	p= 6.5 X10 <sup>-5</sup>		
Inbred & Wild (Td)	p= 0.000		

C



D

	Agricultural			Natural		
	Wild_Td	Landrace	Inbred	Wild_Td	Landrace	Inbred
Ascomycota; Pseudeurotiaceae	33.4	28.4	33.9	0	0.1	0.1
Ascomycota; Phaeosphaeriaceae	1.9	8.2	3.4	12.2	15.4	12.7
Mortierellomycota; Mortierellaceae	14.8	3.9	2.2	7.2	13.8	7.3
Ascomycota; Onygenales (IS)	12.4	15	12.5	0	0.3	0.7
Ascomycota; Helotiaceae	11.4	13.7	10.8	0.7	0.2	1.1
Ascomycota; Nectriaceae	0.2	1.1	0.1	10.6	18.1	15
Ascomycota; Pleosporaceae	0	0	0	10.8	16.6	14.3
Basidiomycota; Entolomataceae	4.2	9.7	16.3	0	0	0
Ascomycota; Lasiosphaeriaceae	2.9	0.2	0.2	12.2	4.8	8.9
Basidiomycota; Psathyrellaceae	0	0	0	16.3	3.8	6.7
Basidiomycota; Ceratobasidiaceae	0	0	0	10.5	1.5	11.5
Ascomycota; Myxotrichaceae	6.4	3.1	3.5	0	0	0
Ascomycota; Chaetomiaceae	0.2	0.1	0	7.4	3	3.1
Ascomycota; Cephalothecaceae	2.5	3.8	3.5	0.1	0.4	0.2
Ascomycota; Helotiales (IS)	2.7	3.4	2.6	0	0	0
Ascomycota; Pyronemataceae	0	0.3	0.5	1.8	4.1	3.5
Ascomycota; Diatrypaceae	0	0	0	2	5.1	2.4
Basidiomycota; Stephanosporaceae	0	0	0	2.3	4.8	1.6
Ascomycota; Myrmecridiaceae	0.9	3.7	1.5	0	0	0
Ascomycota; Aspergillaceae	1.4	1.7	1.5	0.4	0.5	0.4

Soil Type ● Agricultural ● Natural Host Genotype ● Wild\_Td ● Landrace ● Inbred