	G1 (VS)	G2 (VC)	G4 (VC)	G5 (SS)	G6 (IC)	G7 (VS)	G8 (VS)	G9 (VS)	G10 (SS)	G11 (VC)	G12 (SS)	G13 (VS)	G14 (VS)	G15 (VS)	G16 (VC)	G17 (VC)	G18 (VS)	G19 (VS)	G20 (SS)	G21 (VS)	G22 (VS)	G23 (JS)	G24 (SS)	G25 (VC)	G26 (VC)	G27 (SC)	G28 (VS)	G29 (VS)	H1 (VS)	H2 (SS)	H4 (YS)	H5 (VS)	H6 (VS)	H7 (VS)	H9 (VS)	H10 (VS)	H11 (SS)	H12 (SS)	H13 (SS)	H14 (SS)	H15 (VS)	H16 (SS)	H17 (VS)	H18 (VS)	H19 (VS)	H20 (SS)	H21 (VS)	A1 (SR)	A2 (SR)
G1 (VS)	1	1	1	0.9	0.7	1	1	1	0.9	1	0.9	1	1	0.9	0.9	0.9	0.9	0.9	0.9	1	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.8	1	1	1	1	1	0.8	0.9	0.9	0.8	0.9	0.8	1	0.9	1	0.9	1	0.5	0.5
G2 (VC)	1	1	1	0.9	0.7	0.9	0.9	1	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.8	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.6	0.5
G4 (VC)	1	1	1	0.9	0.7	1	1	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.8	1	0.9	1	0.9	0.8	0.9	0.9	0.8	0.9	0.9	1	0.9	1	0.9	0.9	0.5	0.5
G5 (SS)	0.9	0.9	0.9	1	0.8	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	1	0.9	0.8	1	0.9	0.9	0.9	1	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.6	0.6
G6 (IC)	0.7	0.7	0.7	0.8	1	0.7	0.7	0.7	0.8	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.7	0.7	0.7	0.8	0.7	0.6	0.8
G7 (VS)	1	0.9	1	0.9	0.7	1	1	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	1	0.8	0.9	1	1	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	0.5	0.6
G8 (VS)	1	0.9	1	0.9	0.7	1	1	1	0.9	0.9	0.9	1	1	0.9	0.9	0.9	1	0.9	0.9	1	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	1	0.8	1	1	1	1	1	0.8	0.9	0.9	0.8	0.9	0.8	1	0.9	1	0.9	1	0.5	0.5
G9 (VS)	1	1	0.9	0.9	0.7	0.9	1	1	0.9	1	0.9	1	1	0.9	1	1	0.9	0.9	0.9	0.9	1	0.8	0.9	1	0.9	0.9	0.9	0.9	0.9	1	0.9	0.8	1	1	1	0.9	1	0.8	0.9	0.9	0.8	0.9	0.8	0.9	0.9	1	0.9	1	0.6	0.6
G10 (SS)	0.9	0.9	0.9	1	0.8	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.8	0.9	0.9	0.9	0.9	1	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.6	0.6
G11 (VC)	1	0.9	0.9	0.9	0.7	0.9	0.9	1	0.9	1	0.9	1	0.9	0.9	1	1	0.9	0.9	0.9	1	1	0.8	0.9	0.9	0.8	0.9	0.9	0.9	0.9	1	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.8	1	0.8	1	1	0.9	0.9	1	0.6	0.5
G12 (SS)	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	0.8	0.9	0.9	0.8	0.9	0.9	0.9	0.9	1	0.8	0.9	0.9	0.9	0.9	0.9	1	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.6	0.6
G13 (VS)	1	1	0.9	0.9	0.7	0.9	1	1	0.9	1	0.9	1	1	0.9	1	1	0.9	0.9	0.9	1	1	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.8	1	0.9	1	1	0.9	0.8	0.8	0.9	0.8	0.9	0.8	1	0.9	1	0.9	1	0.5	0.5
G14 (VS)	1	0.9	1	0.9	0.7	1	1	1	0.9	0.9	0.9	1	1	0.9	0.9	0.9	1	0.9	0.9	1	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.8	1	1	1	1	1	0.8	0.9	0.9	0.8	1	0.9	1	0.9	1	0.9	1	0.5	0.5
G15 (VS)	0.9	0.9	0.9	0.9	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	1	0.9	0.9	0.9	0.9	1	1	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	1	1	0.9	0.9	0.9	0.9	0.7	0.9	0.9	0.9	1	0.9	0.9	0.8	0.8	0.9	0.8	1	0.8	1	0.5	0.5
G16 (VC)	0.9	0.9	0.9	0.9	0.7	0.9	0.9	1	0.9	1	0.9	1	0.9	1	1	1	0.9	0.9	0.8	1	1	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.9	0.9	0.9	0.9	1	0.6	0.5
G17 (VC)	0.9	0.9	0.9	0.9	0.7	0.9	0.9	1	0.9	1	0.9	1	0.9	0.9	1	1	0.9	0.9	0.9	1	1	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	1	0.8	1	1	0.9	0.9	1	0.6	0.5
G18 (VS)	0.9	0.9	1	0.9	0.7	1	1	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.8	0.9	1	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	0.5	0.6
G19 (VS)	0.9	0.9	0.9	0.9	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	1	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.6	0.6
G20 (SS)	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.6	0.6
G21 (VS)	1	0.9	0.9	0.9	0.7	0.9	1	0.9	0.9	1	0.9	0.9	1	0.9	1	1	0.9	0.9	0.9	0.9	1	0.8	0.9	0.9	0.9	0.9	1	1	0.9	1	0.9	0.8	1	0.9	1	1	1	0.9	0.8	0.9	0.9	0.8	1	0.9	1	1	0.9	1	0.5	0.5
G22 (VS)	1	0.9	0.9	0.9	0.7	0.9	1	1	0.9	1	0.9	1	1	0.9	1	1	0.9	0.9	0.9	1	1	0.8	0.9	0.9	0.9	0.9	1	0.9	0.9	1	0.9	0.8	1	1	1	1	1	0.8	0.9	0.9	0.8	1	0.8	1	1	1	0.9	1	0.6	0.6
G23 (JS)	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.8	0.9	0.8	0.9	0.8	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.8	0.8	1	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.9	0.8	0.8	0.8	0.9	0.8	0.6	0.6
G24 (SS)	0.9	0.9	0.9	1	0.8	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	1	0.9	0.8	0.9	0.9	0.9	0.9	1	0.8	0.9	0.9	0.9	0.9	0.9	1	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.6	0.6
G25 (VC)	0.9	0.9	0.9	0.9	0.7	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.6	0.6
G26 (VC)	0.9	0.9	0.9	0.8	0.7	0.9	0.9	0.9	0.8	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.8	0.9	0.8	1	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.9	0.8	0.9	0.9	0.9	0.8	0.9	0.6	0.5
G27 (SC)	0.9	0.9	0.9	1	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	1	0.9	0.9	0.9	1	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.6	0.6
G28 (VS)	0.9	0.9	0.9	0.9	0.7	0.9	0.9	0.9	1	0.9	0.9	1	1	0.9	1	1	0.9	0.9	0.9	1	1	0.8	0.9	0.9	0.9	0.9	1	1	1	0.9	0.8	1	1	1	1	1	0.8	0.9	0.9	0.8	1	0.8	1	1	1	0.9	1	0.5	0.5
G29 (VS)	0.9	0.9	0.9	0.9	0.7	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	1	0.9	0.8	0.9	0.9	0.9	0.9	1	1	0.9	0.9	0.8	1	1	1	1	1	0.8	0.9	0.9	0.8	1	0.8	1	1	0.9	0.9	1	0.5	0.5
H1 (VS)	1	0.9	1	0.9	0.7	1	1	1	1	0.9	0.9	1	1	0.9	0.9	0.9	0.9	0.9	0.9	1	1	0.9	0.9	0.9	0.9	0.9	0.9	1	1	0.9	0.8	1	1	1	1	1	0.8	0.9	0.9	0.8	1	0.9	1	1	1	0.9	1	0.5	0.6
H2 (SS)	0.9	0.9	0.9	1	0.8	1	0.9	0.9	1	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	1	0.9	0.9	1	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	1	0.6	0.6
H4 (YS)	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.9	1	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.9	0.8	0.8	0.8	0.9	0.8	0.6	0.7
H5 (VS)	1	0.9	1	0.9	0.7	0.9	1	1	0.9	1	0.9	1	1	0.9	0.9	1	0.9	0.9	0.9	1	1	0.9	0.9	0.9	0.9	0.9	0.9	1	1	1	0.9	0.8	1	1	1	1	1	0.8	0.9	0.9	0.8	1	0.8	1	1	1	0.9	1	0.5	0.5
H6 (VS)	1	0.9	0.9	0.9	0.7	1	1	1	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	1	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	1	1	1	0.9	0.8	1	1	1	1	1	0.8	0.9	0.9	0.8	1	0.8	1	1	1	0.9	1	0.5	0.5
H7 (VS)	1	0.9	1	0.9	0.7	1	1	1	0.9	0.9	0.9	1	1	0.9	0.9	0.9	1	0.9	0.9	1	1	0.9	0.9	0.9	0.9	0.9	0.9	1	1	1	0.9	0.8	1	1	1	1	1	0.8	0.9	0.9	0.8	1	0.8	1	1	1	0.9	1	0.5	0.5
H9 (VS)	1	0.9	0.9	0.9	0.7	0.9	1	0.9	0.9	1	0.9	1	1	1	0.9	1	0.9	0.9	0.9	1	1	0.8	0.9	0.9	0.9	0.9	0.9	1	1	1	0.9	0.8	1	1	1	1	1	0.8	0.9	0.9	0.8	1	0.8	1	1	1	0.9	1	0.5	0.5
H10 (VS)	1	0.9	0.9	0.9	0.7	1	1	1	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	1	1	0.8	0.9	0.9	0.9	0.9	1	1	0.9	1	0.9	0.8	1	1	1	1	1	0.8	0.9	0.9	0.9	1	0.8	1	1	1	0.9	1	0.5	0.6
H11 (SS)	0.8	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.9	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.9	0.9	0.8	0.8	0.9	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	1	1	0.9	1	0.8	1	0.8	0.8	0.8	0.9	0.8	0.6	0.7
H12 (SS)	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	1	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.9	0.9	0.8	0.8	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	1	1	1	0.9	1	0.9	0.8	0.9	1	0.9	0.6	0.6
H13 (SS)	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.9	0.9	0.8	0.8	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.6	0.6
H14 (SS)	0.8	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.9	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.9	0.9	0.8	0.8	0.9	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	1	1	0.9	1	0.8	1	0.8	0.8	0.8	0.9	0.8	0.6	0.7
H15 (VS)	0.9	0.9	0.9	0.9	0.7	0.9	0.9	0.9	0.9	1	0.9	0.9	1	0.9	1	0.9	0.9	0.9	0.9	1	1	0.8	0.9	0.9	0.9	0.9	0.9	0.9	1	1	0.9	0.8	1	1	1	1	1	0.8	0.9	0.9	0.8	1	0.8	1	1	1	0.9	1	0.5	0.5
H16 (SS)	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.8	0.9	0.8	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.8	0.8	0.9	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.9	0.8	0.8	1	1	0.9	1	0.8	1	0.8	0.8	0.9	0.9	0.8	0.6	0.7
H17 (VS)	1	0.9	1	0.9	0.7	0.9	1	0.9	0.9	1	0.9	1	1	0.9	1	0.9	0.9	0.9	0.9	1	1	0.8	0.9	0.9	0.9	0.9	0.9	0.9	1	1	0.9	0.8	1	1	1	1	1	0.8	0.9	0.9	0.8	1	0.8	1	1	1	0.9	1	0.5	0.5
H18 (VS)	0.9	0.9	0.9	0.9	0.7	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	1	0.9	1	0.9	0.9	0.9	1	1	0.8	0.9	0.9	0.9	0.9	0.9	0.9	1	1	0.9	0.8	1	1	1	1	1	0.8	0.9	0.9	0.8	1	0.8	1	1	1	0.9	1	0.5	0.5
H19 (VS)	1	0.9	1	0.9	0.7	1	1	1	0.9	0.9	0.9	1	1	0.9	0.9	0.9	1	0.9	0.9	1	1	0.8	0.9	0.9	0.9	0.9	1	1	0.9	1	0.9	0.8	1	1	1	1	1	0.8	0.9	0.9	0.8	1	0.8	1	1	1	0.9	1	0.5	0.6
H20 (SS)	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	0.8	0.9	0.9	0.8	0.9	0.9	0.9	0.9	1	0.8	0.9	0.9	0.9	0.9	0.9	1	1	0.9	1	0.9	1	0.9	0.9	0.9	1	0.9	0.6	0.6
H21 (VS)	1	0.9	0.9	0.9	0.7	0.9	1	1	0.9	1	0.9	1	1	0.9	1	1	0.9	0.9	0.9	1	1	0.8	0.9	0.9	0.9	0.9	1	1	1	1	0.9	0.8	1	1	1	1	1	0.8	0.9	0.9	0.8	1	0.8	1	1	1	0.9	1	0.5	0.5
A1 (SR)	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.5	0.5	0.6	0.5	1	0.5
A2 (SR)	0.5	0.5	0.5	0.6	0.8	0.6	0.5	0.6	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.5	0.6	0.6	0.7	0.5	0.5	0.5	0.5	0.6	0.7	0.6	0.6	0.7	0.5	0.7	0.5	0.5	0.6	0.6	0.5	1

APPENDIX 8. Bray-Curtis result matrix for *Aphonopelma chalcodes*. This matrix displays the comparison of burrows produced by *Gorgyrella inermis*, *Hogna lenta*, and *A. chalcodes*. Cells are filled in black where burrows are compared to themselves. Cells with scores of high (1.0–0.8), moderate (0.7–0.6) to low (0.5–0.3) similarity are filled in blue with increasing lightness. See Table 1 and Appendix 7 for architecture key.