Table 1
C:N:P molar ratios (±std) of cultures of Fungi and Bacteria.

	ID	Organism	C:N	C:P	N:P
Ascomycota	f1	*Alternaria* sp.	11.1 ± 1.63	243 ± 67.8	22.4 ± 7.53
	f2	*Hypocrea koningii*	17.4 ± 4.56	106 ± 4.80	6.39 ± 1.60
	f3	*Hypocreales*	5.22 ± 0.07	76. ±1.995	14.7 ± 0.27
	f5	*Hypocreales*	13.5 ± 3.22	215 ± 65.5	16.4 ± 4.93
	f10	*Davidiella* sp.	9.42 ± 1.65	256 ± 37.3	27.3 ± 2.19
	f63	*Davidiella* sp.	14.0 ± 2.72	223 ± 62.9	16.3 ± 5.02
	f13	*Pleosporales*	5.29 ± 0.18	81.5 ± 3.55	15.4 ± 0.93
	f26	*Cercophora* sp.	6.32 ± 0.81	45.7 ± 4.06	7.26 ± 0.40
	f33	*Alternaria* sp.	12.2 ± 0.42	50.7 ± 13.8	4.15 ± 0.99
	f37	*Fusarium* sp.	28.2 ± 7.32	64.0 ± 12.6	1.87 ± 1.30
	f64	*Capronia brabeji*	9.72 ± 0.06	87.6 ± 12.5	9.01 ± 1.25
	f69	*Sordariomycetes*	12.5 ± 1.15	168 ± 9.76	13.5 ± 1.37
	f81	*Gibberella* sp.	10.6 ± 1.29	89.3 ± 16.0	8.66 ± 2.74
	f101	*Tetracladium* sp.	10.1 ± 1.24	69.5 ± 8.67	6.94 ± 1.24
	F205	*Lewia* sp.	5.98 ± 0.31	54.5 ± 0.74	9.13 ± 0.59
	F210	*Neofusicoccium* sp.	20.8 ± 12.7	101 ± 38.9	5.60 ± 1.95
	f220	*Dothideomycetes*	4.93 ± 0.03	102 ± 7.65	20.7 ± 1.51
	f274	*Dothideomycetes*	8.66 ± 0.93	185 ± 12.5	22.0 ± 1.68
	f222	*Helotiales*	9.81 ± 1.02	124 ± 33.5	12.5 ± 2.29
	f223	*Dothidea* sp.	15.2 ± 1.86	316 ± 119	21.2 ± 8.65
	f226	*Phaeomoniella* sp.	10.2 ± 0.63	225 ± 47.4	22.0 ± 3.48
	f233	*Kabatiella bupleuri*	10.3 ± 3.54	180 ± 29.3	19.5 ± 8.74
	f242	*Pleosporales*	4.92 ± 0.10	102 ± 8.25	20.8 ± 2.06
	f245	*Pleosporales*	5.52 ± 0.67	69.4 ± 8.45	12.6 ± 1.21
	f272	*Exophiala* sp.	4.88 ± 0.41	74.1 ± 3.09	15.2 ± 0.65
	f276	*Pleurophoma* sp.	6.72 ± 0.05	80.9 ± 11.7	12.0 ± 1.71
	f280	*Phaeosphaeria* sp.	6.48 ± 7.74	64.8 ± 38.2	16.9 ± 8.81
	f285	*Helotiales*	5.30 ± 0.21	103 ± 12.5	19.4 ± 2.64
	f288	*Epicoccum nigrum*	6.31 ± 0.00	76.7 ± 7.45	12.2 ± 1.19
Basidiomycota	f53	*Cryptococcus* sp.	4.57 ± 0.10	90.0 ± 3.71	19.7 ± 1.15
	f61	*Cryptococcus* sp.	9.69 ± 1.12	188 ± 20.8	19.5 ± 2.83
	f65	*Rhodotorula. benthica*	4.55 ± 0.05	169 ± 49.0	37.1 ± 10.4
	f67	*Rhodotorula* sp.	4.63 ± 0.02	92.2 ± 6.75	19.9 ± 1.43
	f80	*Cryptococcus* sp.	12.6 ± 2.08	178 ± 24.8	21.3 ± 9.88
	f98	*Cryptococcus* sp.	6.30 ± 0.51	41.6 ± 0.94	6.62 ± 0.38
	f99	*Cryptococcus* sp.	5.89 ± 0.17	69.9 ± 2.41	11.9 ± 0.76
	f230	*Cryptococcus* sp.	11.3 ± 0.57	227 ± 3.71	31.1 ± 20.0
	f261	*Cryptococcus* sp.	4.68 ± 0.19	75.2 ± 2.88	16.1 ± 0.27
Zygo	f102	*Mucor flavus*	6.99 ± 0.49	128 ± 7.00	18.4 ± 0.33
	f104	*Mucor racemosus*	8.07 ± 0.05	75.9 ± 15.8	9.40 ± 1.97
	f109	*Mucor racemosus*	8.92 ± 0.98	78.8 ± 13.6	9.01 ± 2.51
No sequence	f68		14.0 ± 0.76	158 ± 38.0	11.4 ± 2.86
	f235		9.13 ± 2.14	200 ± 52.0	21.8 ± 0.60
	f284		4.65 ± 0.54	64.3 ± 23.5	14.0 ± 5.44
	f287		8.14 ± 0.55	51.9 ± 9.86	6.40 ± 1.39
Fungi (geometric mean ± 95%)			8.30 (7.25–9.51)	106 (90.9–125)	13.3 (11.2–15.8)
	ID	Organism	C:N	C:P	N:P
Actinobacteria	b109	*Curtobacterium* spp.	4.40 ± 0.84	121 ± 9.49	28.2 ± 7.55
	b115	*Curtobacterium* spp.	4.58 ± 0.93	70.9 ± 17.5	16.2 ± 7.12
	b123	Nocardioidaceae	5.78 ± 0.22	98.9 ± 22.8	17.1 ± 3.30
	b126	*Cryocola* spp.	4.03 ± 0.42	53.2 ± 5.17	13.2 ± 0.09
	b127	*N. bacterium*	4.03 ± 0.94	87.7 ± 3.06	22.5 ± 5.99
	b136	*C. flaccumfaciens*	5.39 ± 0.63	69.5 ± 0.15	13.0 ± 1.48
	b145	*C. flaccumfaciens*	4.13 ± 0.63	76.9 ± 2.17	18.8 ± 2.33
	b163	*C. flaccumfaciens*	4.68 ± 0.42	128 ± 40.6	27.7 ± 11.1
	b171	*C. flaccumfaciens*	5.24 ± 1.15	109 ± 21.7	21.7 ± 8.90
	b173	*Arthrobacter* spp.	6.99 ± 0.38	72.0 ± 23.1	10.2 ± 2.75
	b174	*Cryocola* spp.	5.24 ± 0.64	52.1 ± 4.98	10.1 ± 2.17
	b177	*S. luteola*	10.9 ± 0.79	175 ± 22.9	16.1 ± 0.94
	b186	*Frigoribacterium* spp.	5.10 ± 0.56	75.8 ± 39.0	15.4 ± 9.33
	b201	*C. michiganensis*	4.43 ± 1.16	115 ± 8.10	27.0 ± 8.88
	b212	*P. cousiniae*	3.95 ± 0.54	66.9 ± 3.08	17.2 ± 3.11
	b213	*Curtobacterium* spp.	8.49 ± 2.56	92.5 ± 11.6	11.2 ± 2.01
	b219	*R. cercidiphylli*	2.38 ± 0.30	89.2 ± 5.27	37.9 ± 7.03
	b221	*Rhodococcus* spp.	2.83 ± 0.31	81.0 ± 35.5	29.5 ± 15.8
	b222	*Sanguibacter* spp.	4.26 ± 0.01	61.2 ± 5.30	14.4 ± 1.28
	b223	*Microbacterium* spp.	4.17 ± 0.77	66.2 ± 4.91	16.3 ± 4.16
Bacteroidetes	b29	*Chryseobacterium* spp.	4.61 ± 0.48	64.9 ± 0.72	14.2 ± 1.31
	b31	*Dyadobacter* spp.	4.67 ± 0.23	69.1 ± 7.44	14.8 ± 0.86
	b41	*Flavobacterium* spp.	2.90 ± 0.04	106 ± 24.6	36.7 ± 9.02
	b134	*P. borealis*	5.55 ± 0.30	53.0 ± 6.31	9.53 ± 0.62
	b209	*Dyadobacter* spp.	4.88 ± 0.09	154 ± 58.7	31.7 ± 12.6
Proteobacteria	b2	*E. billingiae*	3.79 ± 0.40	91.6 ± 25.0	24.7 ± 9.20

Table 1 (*continued*)

	ID	Organism	C:N	C:P	N:P
	b4	*Pseudomonas* spp.	3.90 ± 0.21	71.2 ± 0.95	18.3 ± 0.74
	b7	*Pseudomonas* spp.	3.45 ± 0.60	47.2 ± 2.75	13.8 ± 1.60
	b9	*P. synxantha*	3.32 ± 0.23	52.3 ± 11.5	15.9 ± 4.57
	b12	*Pseudomonas* spp.	4.01 ± 0.17	67.2 ± 3.95	16.8 ± 0.29
	b17	*Pseudomonas* spp.	3.86 ± 0.12	62.2 ± 21.4	16.1 ± 5.05
	b21	*Pseudomonas* spp.	3.50 ± 0.32	61.2 ± 8.49	17.5 ± 0.84
	b27	*Erwinia* spp.	3.34 ± 1.03	55.7 ± 0.93	17.5 ± 5.13
	b38	*D. zoogloeoides*	4.92 ± 0.29	61.0 ± 3.45	12.4 ± 0.02
	b47	*D. zoogloeoides*	4.71 ± 0.62	65.8 ± 0.88	14.1 ± 1.68
	b49	*V. paradoxus*	4.61 ± 0.09	40.1 ± 3.37	8.71 ± 0.89
	b114	*P. poae*	5.40 ± 0.44	43.6 ± 7.86	8.04 ± 0.81
	b117	*Pseudomonas* spp.	3.80 ± 0.00	58.7 ± 0.85	15.5 ± 0.24
	b122	*P. fluorescens*	4.32 ± 0.23	43.5 ± 9.40	10.0 ± 1.65
	b124	*P. fluorescens*	3.93 ± 0.38	59.2 ± 8.94	15.0 ± 0.81
	b132	*D. zoogloeoides*	5.14 ± 0.10	59.3 ± 10.0	11.6 ± 2.17
	b160	*E. billingiae*	3.44 ± 0.08	52.9 ± 4.16	15.4 ± 0.87
Bacteria (geometric mean – CI 95%)			4.59 (4.06–4.81)	71.8 (64.6–79.7)	16.4 (14.6–18.5)
Total (geometric mean – CI 95%)			C:N	C:P	N:P
			6.12 (5.52–6.80)	88.1 (79.4–97.7)	14.7 (13.3–16.4)