Erratum to: The roles of microorganisms in litter decomposition and soil formation

Satoru Hobara · Takashi Osono · Dai Hirose ·
Kenta Noro · Mitsuru Hirota · Ronald Benner

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Table 1 in the original article contained some errors so the correct table is reproduced below. The legend should also read ‘Percent remaining (AFDW: ash-free dry weight), C and N contents, molar C to N ratios, C-normalized yields of total hydrolyzable amino acids (THAA), total hydrolyzable amino sugars (THAS), glucosamine (GlcN), and galactosamine (GalN),

GlcN/GalN ratio, percentages of C and N as THAA and THAS, and degradation index (DI) of decaying litters and soils’, addition of the word ‘sugars’.

The legend for Table 2 should read ‘Molar C to N ratios, C-normalized yields of total hydrolyzable amino acids (THAA), total hydrolyzable amino sugars (THAS), glucosamine (GlcN), and galactosamine (GalN), GlcN/GalN ratio, and percentages of C and N as THAA and THAS of fungi and bacteria’, addition of the word ‘sugars’. Please also note the spelling change to the word ‘Azotobacter’ appearing in Table 2.

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S. Hobara (✉) · K. Noro
Department of Environmental and Symbiotic Science,
Rakuno Gakuen University, 582 Midorimachi,
Bunkyo-dai, Ebetsu 069-8501, Japan
e-mail: shobara@rakuno.ac.jp

S. Hobara · R. Benner
Department of Biological Sciences, University of South
Carolina, Columbia, SC 29208, USA

T. Osono
Center for Ecological Research, Kyoto University,
Otsu 520-2113, Japan

D. Hirose
College of Pharmacy, Nihon University, Funabashi,
Chiba 274-8555, Japan

M. Hirota
Graduate School of Life and Environmental Sciences,
University of Tsukuba, Tsukuba 305-8572, Japan

Table 1 Percent remaining (AFDW: ash-free dry weight), C and N contents, molar C to N ratios, C-normalized yields of total hydrolyzable amino acids (THAA), total hydrolyzable amino sugars (THAS), glucosamine (GlcN), and galactosamine (GalN), GlcN/GalN ratio, percentages of C and N as THAA and THAS, and degradation index (DI) of decaying litters and soils

Sample	% Remaining (AFDW)	C (wt%)	N (wt%)	C/N (mole)	THAA (nmol [mg C] ⁻¹)	THAS (nmol [mg C] ⁻¹)	GlcN (nmol [mg C] ⁻¹)	GalN (nmol [mg C] ⁻¹)	GlcN/GalN	%C as THAA	%N as THAA	%C as THAS	%N as THAS	DI
<i>Miscanthus sinensis</i> grassland														
Fresh litter	100	42.0	0.83	58.9	647	17.8	12.9	4.3	3.0	3.90	64.2	0.13	1.26	1.23
6 months litter	77.5	41.0	0.86	55.8	634	32.9	20.4	12.5	1.6	3.78	59.2	0.24	2.20	1.23
9 months litter	64.9	39.3	1.14	40.0	811	47.3	26.7	20.6	1.3	4.78	54.3	0.34	2.28	1.29
12 months litter	55.0	38.5	1.28	35.0	1181	57.6	32.8	24.8	1.3	6.99	69.3	0.41	2.42	0.98
18 months litter	47.0	39.4	1.40	32.8	1149	55.1	32.0	23.0	1.4	6.76	62.8	0.40	2.17	1.08
21 months litter	38.7	37.5	1.52	28.8	1243	75.2	44.5	30.6	1.5	7.36	60.1	0.54	2.60	1.11
24 months litter	29.7	36.5	1.52	28.0	1152	81.7	47.6	34.1	1.4	6.76	53.9	0.59	2.74	1.00
36 months litter	29.2	35.0	1.72	23.7	1159	97.3	54.2	43.1	1.3	6.82	46.5	0.70	2.77	0.67
Organic soil		36.6	1.42	25.8	1268	52.8	30.1	22.7	1.3	6.79	54.2	0.38	1.91	1.33
Mineral soil		15.5	1.06	14.6	1758	127.9	73.6	52.7	1.4	8.73	41.4	0.92	2.61	1.40
<i>Pinus densiflora</i> forest														
Fresh litter	100	51.2	0.40	148.8	288	6.2	5.2	1.0	5.3	1.73	72.1	0.04	1.11	1.05
6 months litter	87.5	51.8	0.55	109.3	405	9.5	8.2	1.3	6.4	2.42	74.5	0.07	1.24	0.80
9 months litter	76.7	51.0	0.74	80.9	439	20.9	18.3	2.6	6.9	2.62	59.2	0.15	2.03	0.75
12 months litter	61.8	50.1	0.98	59.5	715	29.9	24.8	5.1	4.8	4.23	71.3	0.22	2.14	0.81
18 months litter	59.7	51.1	0.98	61.0	866	34.0	28.8	5.2	5.5	5.15	88.8	0.25	2.49	0.67
21 months litter	48.4	50.5	1.21	49.2	602	41.4	31.5	9.6	3.2	3.59	49.4	0.30	2.44	0.72
24 months litter	42.7	50.6	1.28	46.2	868	48.1	35.5	12.6	2.8	5.15	67.4	0.35	2.66	0.61
36 months litter	32.6	51.8	1.49	40.6	958	55.9	39.4	16.5	2.4	5.62	65.7	0.40	2.72	0.61
Organic soil		45.8	1.81	25.3	1358	57.8	36.0	21.8	1.7	7.32	57.4	0.42	2.05	1.65
Mineral soil		20.3	1.22	16.6	1518	86.7	47.6	38.9	1.2	7.68	41.2	0.62	2.02	1.22
<i>Quercus crispula</i> forest														
Fresh litter	100	47.5	0.87	63.7	681	12.0	11.0	1.0	11.1	4.11	71.8	0.09	0.91	1.52
6 months litter	82.6	45.4	1.11	47.9	630	18.8	15.7	3.1	5.0	3.77	50.2	0.14	1.08	1.26
9 months litter	73.4	45.5	1.36	39.1	1208	31.1	25.1	6.0	4.2	7.18	78.8	0.22	1.46	1.07
12 months litter	62.0	45.3	1.64	32.2	1357	46.4	37.1	9.3	4.0	8.07	73.2	0.33	1.80	1.04
18 months litter	53.0	44.5	1.63	31.8	1099	45.7	33.0	12.7	2.6	6.53	58.8	0.33	1.75	1.02
21 months litter	25.3	45.7	1.56	34.1	1321	42.8	29.0	13.8	2.1	7.87	75.4	0.31	1.75	1.10
24 months litter	28.4	45.3	1.77	29.8	1517	50.7	35.7	14.9	2.4	9.00	75.7	0.36	1.81	0.97

Table 1 continued

Sample	% Remaining (AFDW)	C (wt%)	N (wt%)	C/N (mole)	THAA (nmol [mg C] ⁻¹)	THAS (nmol [mg C] ⁻¹)	GlcN (nmol [mg C] ⁻¹)	GalN (nmol [mg C] ⁻¹)	GlcN/GalN	%C as THAA	%N as THAA	%C as THAS	%N as THAS	DI
36 months litter	10.5	45.5	1.75	30.4	1432	51.7	35.4	16.3	2.2	8.50	72.9	0.37	1.89	1.02
Organic soil		46.0	1.40	32.8	1043	34.7	22.9	11.8	1.9	5.72	57.5	0.25	1.60	1.93
Mineral soil		23.7	1.35	17.5	1581	77.1	40.9	36.2	1.1	8.13	45.4	0.56	1.89	1.13
Average of all sites														
Fresh litter		46.9	0.70	90.5	539	12.0	9.7	2.1	6.5	3.25	69.4	0.09	1.09	1.27
36 months litter		44.1	1.65	31.6	1183	68.3	43.0	25.3	1.9	6.98	61.7	0.49	2.46	0.77
Organic soil		43.1	1.31	47.2	1055	40.9	25.3	15.5	3.2	5.79	60.3	0.29	1.68	1.42
Mineral soil		19.8	1.21	16.2	1619	97.2	54.0	42.6	1.3	8.18	42.7	0.70	2.17	1.25
Standard deviation of all site														
Fresh litter		4.6	0.26	50.6	218	5.8	4.0	1.9	4.2	1.32	4.5	0.04	0.17	0.24
36 months litter		8.5	0.14	8.5	238	25.2	9.9	15.4	0.6	1.44	13.7	0.18	0.50	0.22
Organic soil		5.3	0.23	4.2	162	12.1	6.6	6.0	0.3	0.82	1.9	0.09	0.23	0.30
Mineral soil		4.1	0.14	1.5	124	27.0	17.2	8.9	0.1	0.53	2.4	0.19	0.38	0.13