TABLE DR1: BONE GEOCHEMISTRY DATA

Atomic number		57	58	59	60	62	63	64	65	66	67	68	69	70	71	92
Element		La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	U
		(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
Sample	Horizon															
BM1-16	X	1706.08	3410.70	376.45	1165.85	220.36	40.66	281.62	40.26	241.90	47.55	125.22	14.17	68.55	8.43	24.34
BM1-17	X	1806.00	3793.50	446.80	1404.50	273.55	49.58	327.83	46.53	270.60	52.55	137.80	15.49	74.40	9.27	26.64
BM1-18	X	1689.50	3648.50	479.50	1956.50	298.45	49.58	353.18	50.70	293.40	55.55	147.70	17.75	93.90	12.22	25.90
BM1-19	X	1937.19	4229.81	563.31	2342.97	360.47	60.39	418.92	60.57	351.15	66.85	177.92	21.18	111.02	14.29	29.92
BM1-20	X	2650.51	5535.35	567.17	1500.00	280.15	47.91	306.16	43.83	261.41	51.72	137.88	15.11	68.54	8.01	24.53
BM1-21	X	1850.93	3820.63	312.46	1038.61	193.40	32.98	213.37	30.70	183.63	36.33	97.26	10.65	48.23	5.67	16.57
BM1-23	X	2355.76	4908.15	356.53	1374.51	256.73	43.69	276.91	39.42	234.80	46.13	123.09	13.49	61.49	7.18	21.52
BM2-8	X	2072.56	5049.36	586.38	2327.25	344.52	57.48	383.07	54.39	312.44	59.43	155.23	17.39	84.40	10.39	21.95
BM2-9	X	1968.91	4731.70	561.18	2251.76	341.07	56.64	374.50	53.71	309.38	59.23	157.17	18.05	88.82	11.09	18.50
BM2-10	X	2168.20	5259.33	633.54	2533.69	365.63	58.17	367.18	51.43	289.24	53.81	140.33	15.51	75.08	8.96	15.38
BM2-11	X	2422.33	5940.45	722.58	2929.53	425.21	68.73	427.62	59.60	329.83	60.60	155.53	16.96	80.94	9.68	14.36
BM2-12	X	2184.78	5353.03	637.96	2543.31	363.35	59.06	374.79	52.53	298.30	55.53	146.02	16.36	79.02	9.53	16.50
BM2-13	X	2079.51	5180.25	611.85	2405.43	334.67	55.01	353.21	49.30	279.06	52.10	135.51	14.96	71.90	8.62	16.64
BM3-8A	X	1901.27	4007.33	544.48	2291.79	351.61	57.94	363.25	50.73	283.48	53.37	141.98	16.47	86.41	11.28	14.60
BM3-8B	X	1942.60	4052.45	526.97	1524.49	325.88	54.85	345.13	48.12	269.22	50.47	133.80	15.43	79.52	10.16	14.36
BM3-8C	X	1631.40	3485.35	475.86	1351.22	294.68	47.75	298.29	41.56	232.14	43.53	115.20	13.36	70.69	9.20	11.96
BMALL-1	X	2095.76	3057.86	199.85	749.63	127.03	23.40	209.30	32.01	225.74	51.92	155.06	19.89	110.77	14.59	19.50
BMALL-2	X	2122.02	4758.93	543.15	1484.13	296.13	48.49	331.13	46.14	259.38	48.75	129.71	15.11	79.41	10.13	16.12
BMALL-3	X	2056.75	4793.54	518.59	1388.45	271.67	44.58	296.48	41.49	234.83	43.88	114.09	12.58	60.13	7.15	18.24
BMALL-4	X	2189.41	5057.47	601.70	1827.09	310.59	47.39	329.09	46.31	265.47	50.72	138.08	16.50	87.96	11.34	25.00
BMALL-5	X	1925.13	4312.35	464.85	1211.73	234.62	37.66	248.97	35.40	203.20	38.51	104.01	11.92	59.08	7.24	14.68
BMALL-6	X	2006.73	5098.51	589.14	2295.53	312.59	48.61	316.29	45.60	261.80	48.77	126.77	14.45	70.78	8.58	16.97
BMALL-7	X	2482.93	5126.83	726.34	3037.56	450.44	71.02	449.93	63.61	349.37	64.05	162.78	18.69	95.32	11.89	16.36
BMALL-8	X	1360.70	2519.90	207.76	903.98	240.20	44.14	335.47	55.02	359.00	70.80	181.29	20.48	98.21	11.60	230.00
BMALL-9	X	1951.03	4035.75	473.65	1175.81	237.37	36.79	260.77	37.90	225.02	44.00	120.81	15.25	85.36	11.18	19.59
BMALL-10	X	1826.26	2830.70	173.49	636.23	118.21	20.48	158.14	23.82	159.03	34.60	98.86	12.24	64.71	8.20	17.31
BMALL-11	X	1851.35	3797.78	523.17	2177.61	325.97	52.22	346.21	50.00	283.06	52.65	136.92	16.12	83.54	10.56	22.22
BMALL-12	X	2045.54	3297.75	201.13	737.51	135.21	22.87	172.70	25.60	167.09	35.62	100.83	12.40	64.94	8.15	16.70
BMALL-13	X	1406.08	2441.33	141.33	500.24	92.03	15.82	105.12	16.12	104.06	21.96	62.82	7.62	36.54	4.37	21.38
BMALL-14	X	1873.16	4557.52	505.41	1237.95	252.16	40.42	259.00	36.06	204.03	38.00	97.79	11.10	54.97	6.74	12.11
CP1-7	C	1107.34	936.10	72.14	240.64	37.11	8.34	78.31	13.58	102.60	30.85	111.33	17.71	110.93	16.97	995.51
CP2-7	C	994.51	1189.81	101.30	344.11	56.24	11.77	96.28	16.24	104.85	26.79	90.76	13.70	82.42	11.82	419.03
CP3-12	C	794.35	1404.23	106.50	391.48	69.91	11.40	80.24	12.22	79.94	17.52	54.08	7.48	43.99	5.91	161.29
CP3-13	C	2284.30	3567.11	339.92	1152.55	196.24	37.53	286.06	46.37	279.20	64.69	203.76	27.79	155.52	21.53	587.42
CP3-14	C	2065.84	2789.03	249.43	824.44	138.30	27.00	208.93	34.63	219.60	53.02	170.77	24.76	141.10	19.60	662.84
CP3-15	A	1778.94	2851.80	265.27	877.74	153.04	27.44	209.13	33.76	196.26	45.40	145.21	20.50	118.41	16.17	422.70
CP3-16	A	911.61	1701.31	131.13	488.59	89.27	14.24	96.77	14.59	93.15	20.04	61.87	8.46	49.78	6.66	181.45
CP4-1A	C	3323.19	6992.52	819.45	3082.79	612.47	123.79	806.73	137.11	804.49	178.00	521.20	70.07	389.48	53.27	509.23
CP4-2A	C	3478.41	7722.08	916.13	3518.61	713.15	137.54	875.93	147.30	848.14	183.13	542.93	71.96	398.16	54.64	445.46
CP4-2B	C	2180.82	4302.53	475.61	1766.52	339.74	67.54	457.35	75.56	443.91	98.96	296.52	40.08	220.62	30.43	272.28
CP5-9	A	1856.07	2186.41	197.15	685.16	111.29	25.35	193.08	33.50	229.04	63.52	222.04	34.84	214.04	32.37	817.09
CP6-1	Lag	1077.35	1304.39	92.32	351.95	60.68	11.20	94.59	14.71	108.98	27.35	91.77	13.29	82.04	11.64	537.43
CP6-2	Lag	1353.99	1979.35	154.13	637.37	126.18	23.96	190.75	29.88	206.39	46.50	137.99	17.58	95.58	12.61	353.17

Atomic number		57	58	59	60	62	63	64	65	66	67	68	69	70	71	92
Element		La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	U
		(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
Sample	Horizon															
CP6-2A	Lag	1877.42	4192.83	520.83	2168.12	354.17	53.37	373.72	55.86	331.59	64.58	178.59	22.45	123.30	16.43	262.26
CP6-3	Lag	1900.76	3161.26	355.82	1105.44	220.80	40.46	303.70	47.11	309.21	65.22	187.88	24.05	132.87	17.34	333.21
CP6-5.1	Lag	1226.73	1696.04	95.35	341.93	62.82	10.79	86.78	13.82	97.52	22.26	68.32	9.33	53.37	6.98	78.96
CP6-5.2	Lag	1195.89	1287.46	68.07	242.95	43.48	7.97	64.37	10.25	76.54	19.18	63.71	9.07	55.14	7.36	70.91
CP6-5.3	Lag	2041.42	3919.13	457.79	1162.72	254.88	42.25	297.61	46.26	296.15	60.21	169.77	21.68	119.53	15.33	196.89
CP6-5.4	Lag	2025.14	3994.97	499.65	1782.81	352.14	59.30	422.07	64.45	404.88	79.99	219.81	26.77	142.48	17.99	247.66
CP6-5.5	Lag	2064.92	3928.40	460.24	1391.41	282.67	45.66	344.25	51.07	325.11	66.49	188.93	23.65	128.02	16.63	222.53
CP6-5.6	Lag	1783.21	2368.40	152.30	576.79	99.31	17.82	151.41	23.64	171.06	39.79	124.40	16.67	95.56	12.46	182.27
CP6-5.7	Lag	2360.78	4632.56	563.07	2316.99	339.17	55.83	395.24	57.59	355.59	70.49	198.19	24.80	135.94	17.45	229.89
CP6-5.8	Lag	883.17	762.50	36.75	129.47	22.19	4.31	38.39	6.33	51.97	14.34	50.29	7.45	45.69	6.22	66.92
CP6-7.2	Lag	1775.74	3555.94	433.96	1091.58	246.14	38.25	264.80	40.33	250.30	49.85	135.94	16.61	90.50	11.61	96.73
CP6-8	Lag	2163.61	3745.17	446.60	1103.12	234.85	39.79	275.41	42.58	275.56	57.06	162.57	20.88	117.01	15.04	172.38
CP6-9A.1	Lag	1866.34	4091.09	532.18	2227.23	356.09	54.73	361.26	52.77	302.97	57.77	160.74	20.17	110.50	14.70	145.84
CP6-9A.2	Lag	1520.79	3374.77	429.11	1823.94	300.05	47.92	324.49	48.75	300.37	61.65	177.59	22.50	125.23	17.09	154.25
CP6-9A.3	Lag	2761.71	5992.02	772.18	3299.60	492.72	77.19	482.55	73.43	426.37	78.56	206.68	25.42	136.94	17.17	174.03
CP6-9A.4	Lag	1556.33	3827.30	535.48	2415.38	426.45	73.95	479.43	75.53	452.61	84.57	218.96	26.07	137.67	17.63	75.14
CP6-9A.5	Lag	744.62	1451.46	113.39	472.26	108.80	18.72	128.60	19.59	121.86	23.81	63.32	7.58	40.75	5.22	58.11
CP6-9A.6	Lag	2017.97	2605.09	179.68	737.89	160.61	32.01	246.80	40.34	285.17	63.01	176.88	21.39	112.98	13.62	415.73
CP6-9A.7	Lag	647.29	705.91	45.46	183.36	39.96	8.40	76.53	12.61	98.86	24.66	72.93	9.20	51.17	6.58	104.42
CP6-9B.1	Lag	1574.06	1896.76	145.34	616.46	121.75	26.36	225.41	36.36	267.58	60.70	173.72	21.04	112.82	13.75	443.79
CP6-9B.2	Lag	2060.83	3576.16	429.93	1292.94	262.14	45.12	323.53	47.40	296.01	60.44	171.58	21.23	116.45	15.16	226.03
CP6-9B.3	Lag	1919.69	2798.73	240.55	1056.81	224.63	42.49	325.93	50.20	336.24	71.20	198.19	23.43	123.21	15.03	437.95
CP6-9B.4	Lag	1666.35	3302.19	405.67	1242.61	264.63	43.23	306.10	45.35	286.89	59.58	174.98	22.03	122.07	16.17	197.52
CP6-9B.5	Lag	733.90	855.22	64.20	274.69	55.62	11.96	113.83	18.06	138.94	33.16	97.65	12.06	68.20	8.94	142.19
CP6-9B.6	Lag	1925.14	3472.27	461.92	2062.85	329.71	58.20	424.03	63.96	394.22	75.09	198.75	23.51	125.05	15.66	249.63
CP6-9B.7	Lag	1260.28	2219.16	157.09	639.57	141.07	25.32	189.02	29.64	192.89	39.57	108.37	13.40	72.18	9.25	122.35
CP6-9B.8	Lag	1963.77	4514.98	634.78	2934.78	502.90	79.86	524.40	77.58	443.62	78.26	201.50	23.42	123.53	15.26	135.07
CP6-9B.9	Lag	1729.26	2611.03	220.62	960.26	200.55	38.20	295.13	45.16	303.97	63.84	176.90	21.10	112.32	13.90	356.18
CP6-9B.10	Lag	1829.36	3081.67	356.88	1109.38	235.59	44.23	351.41	54.30	360.04	74.91	209.72	25.48	138.31	17.88	337.97
CP6-9B.11	Lag	1009.16	1758.55	143.81	621.69	128.96	23.66	183.83	27.91	182.07	37.21	103.47	12.40	67.95	8.66	117.49
CP6-9B.12	Lag	2733.17	5931.20	775.92	3468.80	557.25	87.47	572.73	84.32	484.62	89.34	237.69	28.67	156.61	19.56	177.25
CP6-9B.13	Lag	2164.40	3835.60	439.01	1320.53	273.93	50.27	391.56	59.58	390.95	82.44	238.67	30.03	169.65	22.47	163.23
CP6-9B.14	Lag	2196.11	4353.77	509.49	1681.75	301.56	47.48	331.58	49.15	298.83	58.64	164.48	20.45	112.99	14.54	291.97
CP6-9B.15	Lag	48640.35	933.33	2026.32	172.32	729.39	152.24	24.98	160.90	22.82	138.42	27.92	79.96	9.56	52.24	2.03
CP6-10	Lag	1357.03	3073.64	428.59	1753.68	346.83	50.38	366.40	56.58	333.16	62.27	166.23	20.36	108.84	14.43	125.24
HT1-10-BOT	C	1140.93	2107.95	227.79	888.56	188.51	37.12	286.06	51.07	308.15	68.02	192.30	24.24	129.04	16.97	265.55
HT1-10-TOP	Bw	288.46	248.31	18.35	65.12	12.03	2.84	30.53	6.76	60.05	19.23	69.20	10.53	64.03	9.28	202.74
HT1-11	Bw	821.45	1130.67	106.03	401.55	76.86	16.00	135.51	24.49	170.92	44.44	141.45	19.67	112.97	15.59	306.43
HT2-15	C	1755.50	2151.00	194.55	673.00	111.50	25.59	186.08	31.60	209.15	56.10	191.40	28.87	171.70	25.50	733.00
HT2-16	C	1110.33	1179.23	101.90	354.32	56.52	13.65	107.81	19.11	137.99	39.48	136.60	20.61	123.41	18.86	542.69
HT3-12-BOT	Bw	1744.38	2925.61	289.17	1102.85	210.18	48.42	360.43	63.85	406.99	94.36	268.65	33.16	166.70	22.47	218.37
HT3-12-TOP	Bw	2376.12	3282.72	308.19	1158.84	211.19	50.11	400.27	73.08	503.00	126.42	376.07	46.63	240.86	32.57	346.35
PCH-1.1	X	1156.57	2954.55	416.06	1101.01	265.86	47.53	321.92	48.60	273.59	50.47	122.98	14.96	70.30	9.79	32.84
PCH-1.2	X	1886.12	3421.80	178.49	593.84	91.64	17.32	119.45	18.25	118.62	25.54	77.61	10.97	62.76	8.43	110.56

Atomic number		57	58	59	60	62	63	64	65	66	67	68	69	70	71	92
Element		La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	U
		(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
Sample	Horizon															
PCH-1.3	X	1884.22	4752.91	678.53	2858.99	399.74	68.69	409.22	60.34	344.18	62.74	163.65	19.50	102.65	12.99	54.06
PCH-1.4	X	2016.48	4910.32	655.84	2877.36	415.32	74.26	529.08	79.35	465.92	85.94	216.24	24.76	126.51	15.86	92.97
PCH-1.5	X	1667.00	3019.35	154.14	505.21	77.82	14.49	99.35	15.04	97.62	20.68	62.88	8.72	50.22	6.52	86.50
PCH-1.6	X	603.91	1385.58	92.19	360.34	73.61	13.13	96.14	14.74	92.69	17.90	47.85	5.73	29.88	3.68	47.52
PCH-1.7	X	1204.44	1818.27	115.31	450.91	88.00	18.90	154.81	24.92	180.40	39.95	112.05	13.57	70.12	8.64	264.20
PCH-1.8	X	951.61	1494.13	76.34	263.78	44.48	7.84	63.81	10.13	72.14	16.63	53.13	7.63	45.11	5.99	74.78
PCH-1.9	X	1612.57	3193.96	168.23	605.64	105.29	18.31	137.33	21.31	143.25	31.06	94.90	13.19	76.25	10.06	85.35
PCH-1.10	X	1888.72	4818.68	656.23	2912.57	421.11	74.84	530.80	79.83	465.33	85.15	213.76	24.38	124.74	15.54	104.62
PCH-1.11	X	2103.74	4671.32	646.88	2767.08	367.98	64.46	427.03	63.59	386.08	74.91	200.05	24.08	130.77	16.87	175.01
PCH-1.12	X	1299.11	2068.95	129.37	509.42	99.75	21.45	174.01	27.87	197.72	42.97	119.74	14.47	74.50	9.19	280.31
PCH-2.1	X	1357.63	2197.16	115.95	410.37	73.04	12.65	98.56	15.76	112.92	26.44	85.86	12.35	73.53	9.65	124.07
PCH-2.2	X	1444.28	2230.38	116.99	411.89	72.21	12.92	99.63	15.92	114.54	26.68	85.96	12.38	73.11	9.59	146.83
PCH-2.3	X	1834.05	3436.34	189.22	687.65	121.79	20.89	160.54	24.89	167.86	36.59	111.87	15.53	90.27	11.75	194.75
PCH-2.4	X	1685.73	3183.09	169.73	618.45	111.77	18.87	138.35	22.45	150.84	33.12	101.35	14.44	82.41	10.96	140.46
PCH-2.5	X	1562.44	2374.15	114.59	406.10	70.54	12.92	97.98	16.18	117.17	28.09	91.80	13.53	79.32	10.55	196.49
PCH-2.6	X	1752.74	2854.23	139.40	501.99	87.46	15.69	120.20	19.46	138.71	31.69	99.80	14.24	82.74	10.86	177.76
PCH-2.7	X	1926.05	3808.52	376.59	768.85	141.23	22.86	166.36	26.36	171.89	36.41	109.99	15.39	89.23	11.71	148.78
PCH-2.8	X	1613.03	3071.57	160.61	577.49	103.70	17.18	128.33	20.52	137.36	29.94	91.26	12.81	73.89	9.71	136.28
PCH-2.9	X	1590.25	2672.30	132.38	476.06	84.07	14.73	112.21	18.12	127.61	28.95	91.22	13.06	76.11	9.96	151.69
PCH-2.10	X	1263.47	2366.31	113.61	402.74	71.74	12.14	93.27	15.03	103.33	22.65	69.93	9.93	57.54	7.56	94.61
PCH-2.11	X	1699.66	3135.20	160.26	583.29	103.81	17.68	132.28	21.00	142.59	30.93	93.82	13.06	75.28	9.76	153.11
PCH-4.1	X	1424.29	2570.80	129.20	459.93	83.09	13.74	104.06	16.60	113.13	24.81	76.79	10.80	63.03	8.21	111.21
PCH-4.2	X	1825.25	4614.85	632.67	2768.32	354.80	61.41	432.18	66.04	382.52	69.55	174.11	19.90	101.34	12.52	84.46
PCH-4.3	X	1720.37	4167.97	555.34	2409.89	303.38	54.19	389.28	59.75	351.71	64.74	163.32	18.81	96.72	12.14	94.66
PCH-4.4	X	1190.83	2077.42	95.91	340.48	60.16	10.36	79.36	12.72	88.41	20.01	63.21	9.04	53.60	7.06	95.66
PCH-4.5	X	1527.40	2396.63	109.90	383.85	66.25	11.83	91.49	14.83	106.63	24.95	80.34	11.54	68.17	8.87	169.18

TABLE DR2: VARIANCE IN REE IN OLIGOCENE VERTEBRATES FROM THE SCENIC MEMBER OF THE BRULE FORMATION (METHOD AFTER TRUEMAN, 2003)

	Variance (s^2)	*n*
Brian Maebius[a]		
$\log(Sm/La)_N$	0.0078	16
$\log(Sm/Yb)_N$	0.0055	16
$\log(La/Yb)_N$	0.0023	16
Brian Maebius 1		
$\log(Sm/La)_N$	0.0114	7
$\log(Sm/Yb)_N$	0.0097	7
$\log(La/Yb)_N$	0.0029	7
Brian Maebius 2		
$\log(Sm/La)_N$	0.0002	6
$\log(Sm/Yb)_N$	0.0003	6
$\log(La/Yb)_N$	0.0008	6
Brian Maebius 3		
$\log(Sm/La)_N$	0.0005	3
$\log(Sm/Yb)_N$	0.0002	3
$\log(La/Yb)_N$	0.0002	3
Chamberlain Pass[b]		
$\log(Sm/La)_N$	0.0556	11
$\log(Sm/Yb)_N$	0.0159	11
$\log(La/Yb)_N$	0.0030	11
Chamberlain Pass 3		
$\log(Sm/La)_N$	0.0037	5
$\log(Sm/Yb)_N$	0.0022	5
$\log(La/Yb)_N$	0.0007	5
Chamberlain Pass 4		
$\log(Sm/La)_N$	0.0036	3
$\log(Sm/Yb)_N$	0.0010	3
$\log(La/Yb)_N$	0.0007	3
Heck Table[c]		
$\log(Sm/La)_N$	0.0443	7
$\log(Sm/Yb)_N$	0.0060	7
$\log(La/Yb)_N$	0.0057	7
Heck Table 1		
$\log(Sm/La)_N$	0.0902	3
$\log(Sm/Yb)_N$	0.0088	3
$\log(La/Yb)_N$	0.0047	3
Nonspecific-site Sample Populations		
Brian Maebius ALL		
$\log(Sm/La)_N$	0.0314	14
$\log(Sm/Yb)_N$	0.0151	14
$\log(La/Yb)_N$	0.0205	14
Chamberlain Pass 6		
$\log(Sm/La)_N$	0.0753	37
$\log(Sm/Yb)_N$	0.0487	37
$\log(La/Yb)_N$	0.1112	37
Poached Bones		
$\log(Sm/La)_N$	0.0642	28
$\log(Sm/Yb)_N$	0.0363	28
$\log(La/Yb)_N$	0.0086	28

[a] Combines variance for data from BM1, BM2, and BM3, pooled together. [b] Combines all CP data, except CP6. Half of the sites from CP were too small for individual site variance calculations (CP1, CP2, CP5). [c] Combines variance for data from HT1, HT2, and HT3. HT2 and HT3 were too small (n = 2) for individual site variance calculations.

TABLE DR3: SIGNIFICANCE LEVEL OF DIFFERENCE IN VARIANCE BETWEEN SELECTED SAMPLE POPULATION ASSEMBLAGES

F-test Comparison	**(Sm/La)N**	**(Sm/Yb)N**	**(La/Yb)N**	**(Pr/Yb)N**
BMtot vs CPtot[a]	0.01	0.05	**n.sig**	0.01
CPtot vs HTtot	**n.sig**	**n.sig**	**n.sig**	**n.sig**
HTtot vs BMtot	0.01	**n.sig**	**n.sig**	0.01
CPtot vs CP6[b]	**n.sig**	0.05	0.01	0.01
BMall vs BMtot	0.01	0.05	0.01	0.01
PCH vs CPtot[c]	**n.sig**	**n.sig**	**n.sig**	**n.sig**
PCH vs CP6	**n.sig**	**n.sig**	0.01	0.01
PCH vs BMALL	**n.sig**	**n.sig**	**n.sig**	**n.sig**

[a] Compares the specific-site sample assemblages with each other
[b] Compares the specific-site sample assemblages with the nonspecific-site assemblages from the same general location
[c] Compares the nonspecific-site assemblages with each other