

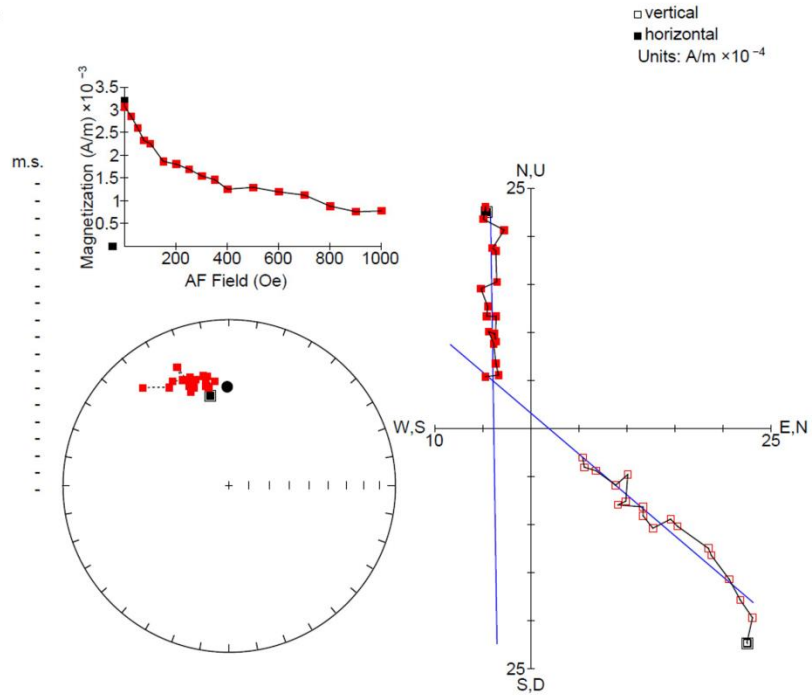
Murphey, Paul C., Kelly, Thomas S., Chamberlain, Kevin R., Tsukui, Kaori, and Clyde, William C.. 2018. Mammals from the earliest Uintan (middle Eocene) Turtle Bluff Member, Bridger Formation, southwestern Wyoming, USA, Part 3: Marsupialia and a reevaluation of the Bridgerian-Uintan North American Land Mammal Age transition. *Palaeontologia Electronica* 21.2.25A 1-52. <https://doi.org/10.26879/804> palaeo-electronica.org/content/2018/2240-tbm-mammals-pmag-geochron

APPENDIX 1.

Sample: PCM6Sept15-02-A
Site: PCM6Sept15-02

PCA dec 359.14 / inc 40.41
 PCA MAD1 35.50 / MAD3 8.54
 (1.32 -0.41 0.96)e-3 + (0.76 -0.01 0.65)t

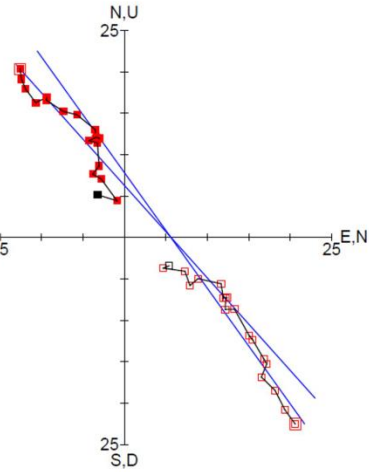
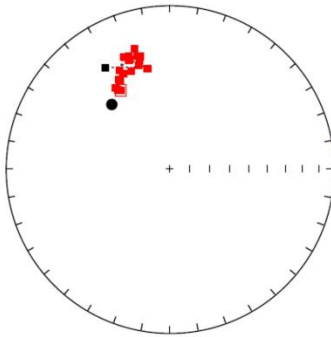
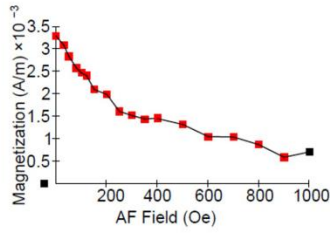
	AF (Oe)	dec.	inc.	int.	m.s.
	0	348.4	44.2	3.21e-03	-
	0	348.2	44.1	3.20e-03	-
*	0	348.4	39.9	3.07e-03	-
*	25	347.2	38.6	2.86e-03	-
*	50	352.3	37.0	2.61e-03	-
*	75	348.0	34.5	2.33e-03	-
*	100	348.8	33.5	2.26e-03	-
*	150	346.9	33.0	1.87e-03	-
*	200	340.3	31.4	1.81e-03	-
*	250	340.5	37.6	1.70e-03	-
*	300	338.5	35.9	1.55e-03	-
*	350	342.7	33.7	1.47e-03	-
*	400	337.9	39.1	1.26e-03	-
*	500	339.1	35.6	1.30e-03	-
*	600	336.4	23.5	1.20e-03	-
*	700	336.3	31.4	1.13e-03	-
*	800	331.7	29.7	8.87e-04	-
*	900	328.8	31.8	7.65e-04	-
*	1000	318.6	22.9	7.81e-04	-



Sample: PCM6Sept15-02-B
Site: PCM6Sept15-02

PCA dec 318.16 / inc 46.12
 PCA MAD1 25.93 / MAD3 10.34
 (1.33 -0.63 1.08)e-3 + (0.52 -0.46 0.72)t

	AF (Oe)	dec.	inc.	int.	m.s.
*	0	328.2	42.9	3.29e-03	-
*	30	326.9	42.0	3.09e-03	-
*	50	326.3	40.2	2.84e-03	-
*	80	326.6	40.4	2.58e-03	-
*	100	330.9	37.8	2.47e-03	-
*	120	330.3	37.1	2.41e-03	-
*	150	334.0	35.6	2.10e-03	-
*	200	338.6	36.2	1.99e-03	-
*	250	344.5	32.0	1.61e-03	-
*	300	343.5	34.3	1.52e-03	-
*	350	345.5	29.9	1.44e-03	-
*	400	344.0	29.3	1.46e-03	-
*	400	339.6	29.7	1.45e-03	-
*	500	343.7	24.4	1.32e-03	-
*	600	340.1	27.5	1.05e-03	-
*	700	333.1	33.0	1.04e-03	-
*	800	337.9	27.0	8.70e-04	-
*	900	347.5	37.5	5.88e-04	-
*	1000	327.6	27.8	7.07e-04	-

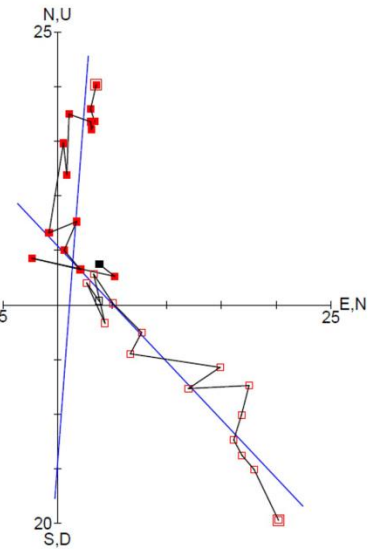
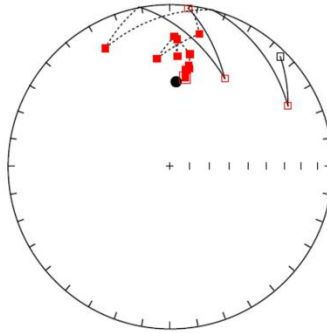
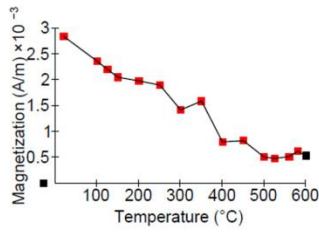


□ vertical
 ■ horizontal
 Units: A/m × 10⁻⁴

Sample: PCM6Sept15-02-C
Site: PCM6Sept15-02

PCA dec 4.31 / inc 46.62
 PCA MAD1 42.98 / MAD3 15.91
 (1.10 0.19 0.63)e-3 + (0.68 0.05 0.73)t

	temp.	dec.	inc.	int.	m.s.
-	20	6.9	46.8	3.05e-03	-
-	20	6.7	45.1	2.95e-03	-
-	20	9.8	43.3	2.83e-03	-
-	20	9.5	43.9	2.84e-03	-
-	20	9.9	43.8	2.84e-03	-
-	100	10.2	38.6	2.37e-03	-
-	100	9.9	39.1	2.36e-03	-
-	100	9.5	39.5	2.36e-03	-
-	125	12.2	37.3	2.19e-03	-
-	125	11.3	38.6	2.20e-03	-
-	150	10.5	37.2	2.05e-03	-
-	150	10.8	36.9	2.05e-03	-
*	200	10.2	30.4	1.98e-03	-
*	250	3.4	22.7	1.90e-03	-
*	300	4.0	32.4	1.42e-03	-
*	350	2.0	20.9	1.59e-03	-
*	400	353.2	33.5	8.02e-04	-
*	450	12.7	17.5	8.25e-04	-
*	500	6.7	-2.2	5.08e-04	-
*	525	32.1	-36.3	4.82e-04	-
*	560	331.3	18.2	5.18e-04	-
*	580	63.0	-19.3	6.20e-04	-
-	600	45.2	-4.5	5.37e-04	-
-	630	117.6	-19.0	2.69e-04	-
-	660	19.1	-5.2	1.63e-04	-
-	690	84.7	70.8	6.09e-04	-

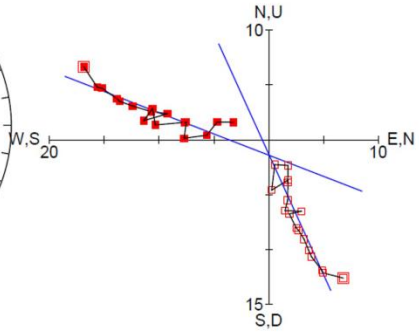
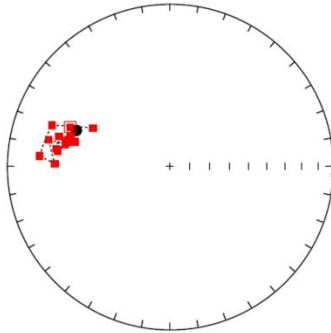
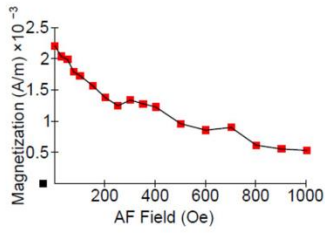


□ vertical
 ■ horizontal
 Units: A/m × 10⁻⁴

Sample: PCM6Sept15-03-A
Site: PCM6Sept15-03

PCA dec 291.16 / inc 38.49
 PCA MAD1 35.04 / MAD3 11.70
 (0.27 -1.04 0.73)e-3 + (0.28 -0.73 0.62)t

AF (Oe)	dec.	inc.	int.	
-	0	290.4	38.1	2.30e-03
-	0	291.1	38.2	2.31e-03
*	0	291.6	34.6	2.21e-03
*	25	287.2	36.3	2.04e-03
*	50	287.3	36.5	1.99e-03
*	75	285.3	36.3	1.79e-03
*	100	284.6	35.4	1.73e-03
*	150	284.1	35.0	1.57e-03
*	200	283.7	36.4	1.38e-03
*	250	284.6	39.7	1.25e-03
*	300	278.9	30.0	1.34e-03
*	350	285.2	30.3	1.28e-03
*	400	277.7	31.4	1.23e-03
*	500	282.0	34.6	9.60e-04
*	600	282.4	25.0	8.57e-04
*	700	271.4	30.2	9.01e-04
*	800	274.7	21.0	6.16e-04
*	900	289.3	24.3	5.55e-04
*	1000	296.6	46.3	5.33e-04

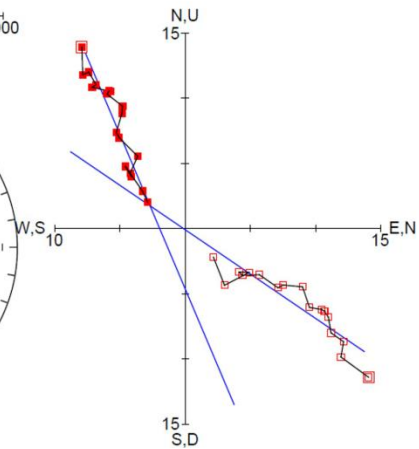
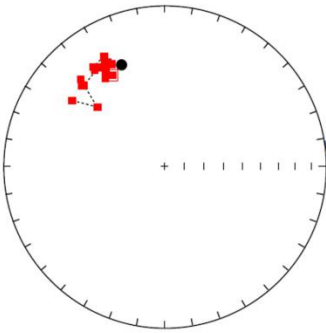
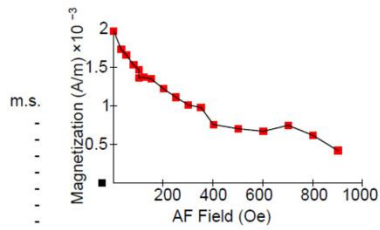


□ vertical
 ■ horizontal
 Units: A/m × 10⁻⁴

Sample: PCM6Sept15-03-B
Site: PCM6Sept15-03

PCA dec 337.08 / inc 32.08
 PCA MAD1 27.15 / MAD3 12.61
 (0.82 -0.55 0.57)e-3 + (0.78 -0.33 0.53)t

AF (Oe)	dec.	inc.	int.	
*	0	330.3	35.1	1.97e-03
*	30	326.3	34.4	1.73e-03
*	50	328.3	31.2	1.66e-03
*	80	328.2	31.2	1.53e-03
*	100	326.6	27.2	1.47e-03
*	100	331.4	27.4	1.36e-03
*	120	331.1	27.3	1.37e-03
*	150	329.8	27.0	1.35e-03
*	200	332.8	29.3	1.22e-03
*	250	331.2	23.3	1.11e-03
*	300	324.3	24.9	1.01e-03
*	350	324.0	27.1	9.79e-04
*	400	326.6	27.2	7.57e-04
*	500	315.3	29.9	7.03e-04
*	600	314.3	29.2	6.69e-04
*	700	316.2	26.1	7.47e-04
*	800	311.5	43.8	6.17e-04
*	900	305.5	30.3	4.19e-04
-	1000	328.1	37.6	4.31e-04

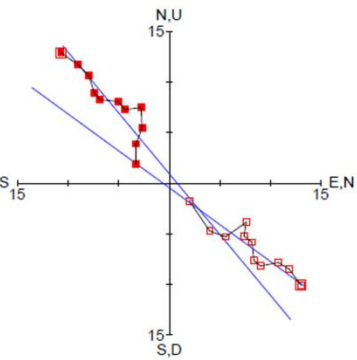
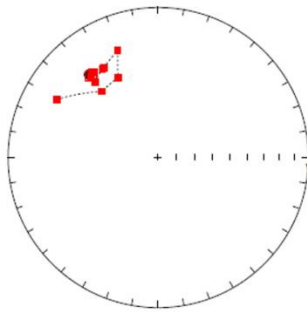
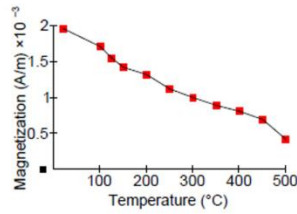


□ vertical
 ■ horizontal
 Units: A/m × 10⁻⁴

Sample: PCM6Sept15-03-C
Site: PCM6Sept15-03

PCA dec 320.25 / inc 29.28
 PCA MAD1 34.81 / MAD3 15.09
 (0.79 -0.58 0.62)e-3 + (0.67 -0.56 0.49)t

temp.	dec.	inc.	int.	m.s.
-	20	319.1	33.2	2.11e-03
-	20	319.4	33.1	2.11e-03
-	20	321.0	30.1	1.96e-03
-	20	320.4	29.6	1.97e-03
*	20	320.3	30.8	1.96e-03
-	100	320.8	29.9	1.70e-03
-	100	323.1	31.2	1.70e-03
*	100	322.3	29.5	1.71e-03
-	125	322.0	32.5	1.52e-03
*	125	323.2	30.2	1.55e-03
-	150	323.0	32.4	1.44e-03
*	150	320.3	34.9	1.42e-03
*	200	320.3	35.1	1.32e-03
*	250	327.9	31.1	1.12e-03
*	300	328.8	31.1	1.00e-03
*	350	339.4	25.3	8.92e-04
*	400	333.5	40.5	8.09e-04
*	450	319.7	42.1	6.96e-04
*	500	299.8	23.8	4.21e-04
-	525	4.5	20.2	5.66e-04
-	560	353.3	-35.1	5.79e-04
-	580	71.3	23.7	6.79e-05
-	600	340.3	11.4	3.81e-04
-	630	345.4	62.0	1.98e-04
-	660	188.7	-24.0	5.43e-04
-	690	232.3	84.4	2.04e-04

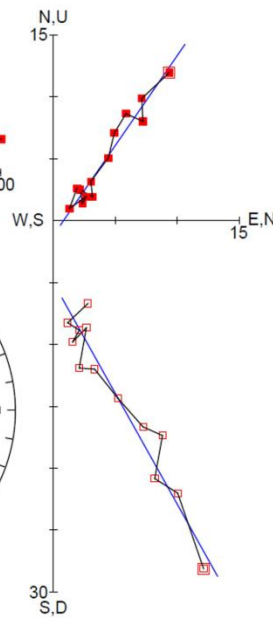
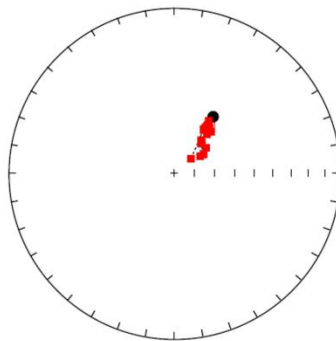
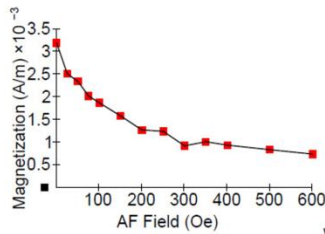


□ vertical
 ■ horizontal
 Units: A/m × 10⁻⁴

Sample: PCM7Sept15-01-A
Site: PCM7Sept15-01

PCA dec 34.55 / inc 55.85
 PCA MAD1 17.28 / MAD3 7.39
 (0.51 0.42 1.42)e-3 + (0.46 0.32 0.83)t

AF (Oe)	dec.	inc.	int.	m.s.
-	0	40.3	65.7	3.55e-03
-	0	39.7	66.0	3.56e-03
*	0	37.6	61.6	3.19e-03
*	25	35.3	61.0	2.51e-03
*	50	41.4	62.6	2.34e-03
*	75	33.5	58.9	2.02e-03
*	100	34.0	62.6	1.87e-03
*	150	40.2	64.9	1.58e-03
*	200	42.1	70.0	1.27e-03
*	250	57.1	72.9	1.24e-03
*	300	38.8	69.1	9.20e-04
*	350	57.0	74.7	1.01e-03
*	400	51.8	69.9	9.36e-04
*	500	48.8	79.0	8.34e-04
*	600	33.9	64.0	7.38e-04
-	700	356.1	67.6	5.49e-04
-	800	3.0	67.2	5.33e-04
-	900	43.6	71.7	5.14e-04
-	1000	20.8	46.7	5.56e-04

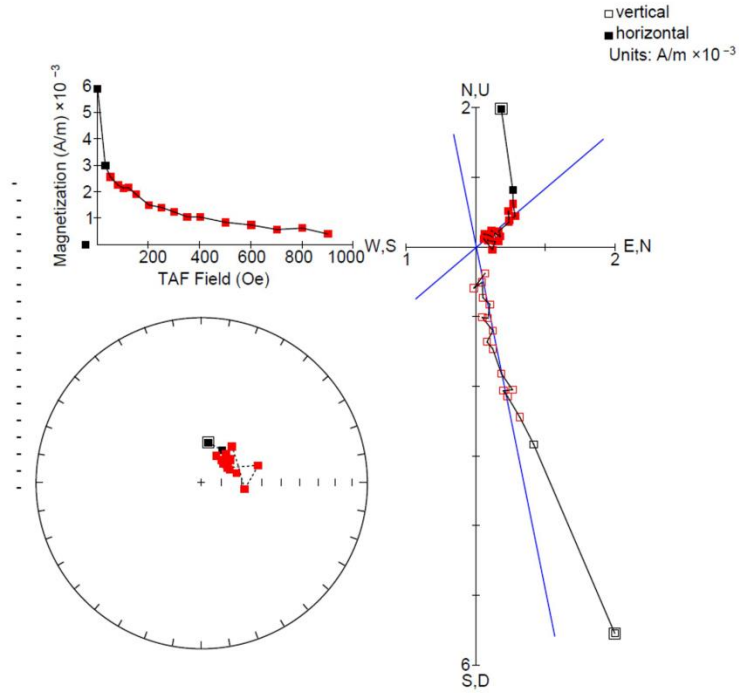


□ vertical
 ■ horizontal
 Units: A/m × 10⁻⁴

Sample: PCM7Sept15-01-B
Site: PCM7Sept15-01

PCA dec 49.57 / inc 72.75
 PCA MAD1 28.67 / MAD3 3.75
 (0.19 0.23 0.96)t

AF (Oe)	dec.	inc.	int.	m.s.
0	10.2	70.0	5.90e-03	
30	32.5	71.0	2.99e-03	
* 50	40.3	71.5	2.57e-03	
* 80	51.2	71.6	2.26e-03	
* 100	50.7	73.5	2.15e-03	
* 120	41.5	71.3	2.16e-03	
* 150	52.5	72.0	1.91e-03	
* 200	54.0	74.7	1.51e-03	
* 250	65.9	74.6	1.41e-03	
* 300	42.6	75.0	1.24e-03	
* 350	75.1	71.9	1.06e-03	
* 400	49.4	75.8	1.05e-03	
* 500	29.7	74.8	8.50e-04	
* 600	60.5	75.1	7.49e-04	
* 700	73.2	60.6	5.78e-04	
* 800	98.7	68.4	6.30e-04	
* 900	40.4	66.6	4.08e-04	
- 1000	118.2	-23.0	8.91e-04	
- 1000	118.4	-23.8	8.92e-04	



Sample: PCM7Sept15-01-C
Site: PCM7Sept15-01

PCA dec 11.87 / inc 57.31
 PCA MAD1 21.53 / MAD3 18.06
 (0.54 0.26 1.12)e-3 + (0.53 0.11 0.84)t

temp.	dec.	inc.	int.	m.s.
- 20	9.4	48.7	3.58e-03	
- 20	10.5	48.6	3.51e-03	
- 20	13.5	45.5	3.14e-03	
- 20	12.8	45.9	3.15e-03	
* 20	13.2	45.5	3.17e-03	
- 100	24.2	61.8	2.33e-03	
- 100	20.8	60.7	2.34e-03	
* 100	21.7	61.0	2.11e-03	
- 100	22.2	62.5	2.34e-03	
- 125	20.5	65.9	2.12e-03	
- 125	22.0	65.5	2.12e-03	
- 150	16.0	66.4	2.28e-03	
- 150	16.6	67.0	2.29e-03	
* 200	30.7	67.7	2.06e-03	
* 250	25.6	68.6	1.63e-03	
* 300	43.1	67.5	1.58e-03	
* 350	17.0	66.9	1.25e-03	
* 400	14.0	64.8	1.21e-03	
* 450	20.6	61.7	1.16e-03	
* 500	21.1	59.5	8.60e-04	
* 525	40.1	56.2	8.53e-04	
* 560	52.9	56.6	6.60e-04	
* 580	41.7	68.2	6.17e-04	
* 600	73.9	71.6	3.18e-04	
* 630	115.7	38.2	3.50e-04	
* 660	354.8	8.7	2.45e-04	
* 690	39.6	39.1	6.92e-04	

