

Table 1: List of localities per time unit for North America, large herbivores. The columns indicate the identifier and name of the locality, the age bounds, the coordinates (latitude; longitude), the average hypsodonty (H) as well as the number of distinct orders, of genera and of species recorded (Nbs). General localities, where many small fossil localities were lumped together into a larger unit, are marked with a ★.

See corresponding figure at https://zliobaite.github.io/patterns_complex/?region=North-America&fauna=Large

Locality		Age (Ma)	Coordinates	H	Nbs
Orellan		33.90–32.10	20 localities		
10282	Central Great Plains CP39H	33.90–32.10	42.417 ; -105.417	3.00	1/ 1/ 1
10288	Central Great Plains CP40B★	33.90–32.10	42.667 ; -105.250	1.27	2/11/11
10290	Central Great Plains CP41B★	33.90–32.10	43.050 ; -104.470	1.36	2/11/11
10295	Central Great Plains CP42C	33.90–32.10	42.090 ; -104.360	1.00	2/ 4/ 4
10304	Central Great Plains CP46	33.90–32.10	41.146 ; -104.802	1.25	2/ 3/ 3
10352	Central Great Plains CP68C★	33.90–32.10	40.579 ; -103.358	1.08	2/18/23
10385	Central Great Plains CP84A★	33.90–32.10	45.600 ; -103.600	1.22	2/24/36
10416	Central Great Plains CP99A★	33.90–32.10	40.810 ; -96.675	1.16	2/20/25
10608	Gulf Coast GC24	33.90–33.10	32.299 ; -90.185	1.00	1/ 2/ 2
10756	Northern Great Plains NP10B3	33.90–32.10	54.500 ; -105.681	1.00	2/ 9/ 9
10757	Northern Great Plains NP10BB	33.40–32.50	54.500 ; -105.681	1.00	2/ 8/ 8
10817	Northern Great Plains NP27C1	33.90–33.40	46.596 ; -112.027	1.00	2/ 3/ 3
10818	Northern Great Plains NP27D★	33.90–33.40	46.596 ; -112.027	1.00	2/ 6/ 6
10826	Northern Great Plains NP29F	33.90–32.10	46.596 ; -112.027	1.00	1/ 1/ 1
10829	Northern Great Plains NP30B	33.90–32.10	46.596 ; -112.027	1.00	1/ 2/ 2
10833	Northern Great Plains NP32B	33.10–32.10	46.596 ; -112.027	1.17	2/ 5/ 5
10834	Northern Great Plains NP32C	32.50–32.10	46.596 ; -112.027	1.00	2/ 7/ 8
10885	Northern Great Plains NP50B★	33.90–32.10	46.813 ; -100.779	1.00	2/12/14
10904	Pacific Northwest PN6B	33.90–32.10	44.931 ; -123.029	1.00	2/ 2/ 2
10955	Southern Great Basin SB1	33.90–33.40	33.057 ; -112.047	3.00	1/ 1/ 1
Whitneyan		32.10–29.75	14 localities		
10283	Central Great Plains CP39I	32.10–29.75	42.417 ; -106.250	1.00	1/ 1/ 1
10291	Central Great Plains CP41C★	32.10–29.75	43.050 ; -104.470	1.33	1/ 3/ 3
10353	Central Great Plains CP68D★	31.40–29.75	39.739 ; -104.985	1.50	2/10/11
10386	Central Great Plains CP84B★	32.10–29.75	44.500 ; -100.000	1.17	2/28/41
10389	Central Great Plains CP85A★	31.40–29.75	43.083 ; -102.333	2.00	2/ 6/ 8
10417	Central Great Plains CP99B★	32.10–29.75	40.810 ; -96.675	1.35	2/18/20
10761	Northern Great Plains NP10C	32.10–31.40	54.500 ; -105.681	1.00	2/10/10
10762	Northern Great Plains NP10C2	31.40–29.75	54.500 ; -105.681	1.00	2/ 7/ 7
10819	Northern Great Plains NP28A	32.10–29.75	46.596 ; -112.027	1.00	1/ 1/ 1
10837	Northern Great Plains NP34A	32.10–29.75	46.596 ; -112.027	1.00	1/ 2/ 2
10886	Northern Great Plains NP50C★	32.10–29.75	46.813 ; -100.779	1.13	2/ 8/ 8
10888	Northern Great Plains NP51A★	32.10–29.75	47.446 ; -102.932	1.00	2/ 4/ 4
10905	Pacific Northwest PN6B1	31.40–29.75	44.931 ; -123.029	1.00	2/ 4/ 4
10906	Pacific Northwest PN6C	31.40–29.75	44.931 ; -123.029	1.00	2/ 9/10
Arikareean-1		29.75–28.00	17 localities		
10034	California CC9C	29.75–28.00	34.283 ; -118.917	1.36	2/11/11
10035	California CC9D★	29.75–28.00	34.322 ; -118.786	1.22	2/ 7/ 9
10041	California CC9IVB	29.75–28.00	33.717 ; -117.696	3.00	1/ 1/ 1
10047	California CC11	29.75–28.00	34.500 ; -120.250	3.00	1/ 1/ 1
10048	California CC12	29.75–28.00	40.667 ; -117.958	1.80	2/ 5/ 5
10306	Central Great Plains CP47	29.75–28.00	44.118 ; -107.117	2.00	1/ 2/ 2
10307	Central Great Plains CP48★	29.75–28.00	42.672 ; -104.756	1.82	2/12/17
10390	Central Great Plains CP85B★	29.75–28.00	43.390 ; -102.465	1.80	2/ 5/ 5
10391	Central Great Plains CP85C	29.75–28.00	43.083 ; -102.333	1.33	3/19/21
10393	Central Great Plains CP86A	29.75–28.00	43.339 ; -102.354	1.43	2/ 7/ 7
10418	Central Great Plains CP99C★	29.75–28.00	40.810 ; -96.675	1.73	2/10/11

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Locality	Age	Coordinates	H	Nbs
10424 Central Great Plains CP101*	29.75–28.00	41.615 ; -103.251	1.65	3/14/17
10658 Northern Great Basin NB15	29.75–28.00	41.772 ; -115.900	1.00	1/ 1/ 1
10845 Northern Great Plains NP36A	29.75–28.00	46.532 ; -112.919	1.00	2/ 5/ 5
10891 Pacific Northwest PN1A	29.75–28.00	46.666 ; -121.071	1.00	1/ 2/ 2
10907 Pacific Northwest PN6D*	29.75–28.00	44.665 ; -119.668	1.00	2/ 7/ 8
10908 Pacific Northwest PN6E*	29.75–28.00	44.931 ; -123.029	1.00	3/ 9/11
Arikareean-2	28.00–22.20	18 localities		
10036 California CC9E	28.00–22.20	34.275 ; -119.228	1.00	1/ 1/ 1
10049 California CC13	28.00–22.20	34.918 ; -118.965	1.00	2/ 4/ 5
10300 Central Great Plains CP45B	28.00–22.20	43.938 ; -110.550	1.00	1/ 1/ 1
10309 Central Great Plains CP49B*	28.00–22.20	41.663 ; -104.260	1.40	1/ 5/ 5
10312 Central Great Plains CP50	28.00–22.20	42.653 ; -104.824	1.93	2/10/14
10394 Central Great Plains CP86B*	28.00–22.20	43.180 ; -102.420	1.55	2/ 9/11
10399 Central Great Plains CP87A	28.00–22.20	43.058 ; -99.819	1.29	2/ 6/ 7
10425 Central Great Plains CP102*	28.00–22.20	42.113 ; -103.771	1.86	1/ 7/ 7
10547 Gulf Coast GC8AA*	28.00–22.20	28.058 ; -82.357	1.00	1/ 4/ 4
10548 Gulf Coast GC8AB*	28.00–22.20	28.133 ; -81.632	1.17	2/ 6/ 6
10764 Northern Great Plains NP10CC	28.00–22.20	54.500 ; -105.681	1.44	2/ 7/ 7
10842 Northern Great Plains NP35A	28.00–22.20	46.596 ; -112.027	1.00	1/ 1/ 1
10846 Northern Great Plains NP36B*	28.00–22.20	46.631 ; -113.028	1.00	2/ 5/ 5
10848 Northern Great Plains NP36D*	28.00–22.20	46.596 ; -112.027	1.00	1/ 3/ 3
10850 Northern Great Plains NP37	28.00–22.20	46.653 ; -111.694	1.57	2/ 6/ 7
10892 Pacific Northwest PN1B	28.00–22.20	46.666 ; -121.071	1.00	1/ 2/ 2
10909 Pacific Northwest PN6F	28.00–22.20	44.931 ; -123.029	1.00	2/11/13
10936 Pacific Northwest PN17	28.00–22.20	42.543 ; -112.908	1.00	1/ 1/ 1
Arikareean-3	22.20–19.09	23 localities		
10050 California CC14	22.20–19.09	35.490 ; -118.827	1.00	2/ 1/ 1
10315 Central Great Plains CP52*	22.20–19.09	42.908 ; -104.422	1.50	2/20/25
10395 Central Great Plains CP86C*	22.20–19.09	43.464 ; -101.655	1.20	2/ 8/10
10426 Central Great Plains CP103A*	22.20–19.09	42.419 ; -103.801	1.32	2/19/22
10538 Gulf Coast GC5A	22.20–19.09	31.158 ; -93.552	1.18	3/15/17
10550 Gulf Coast GC8B*	22.20–19.09	28.642 ; -82.427	1.09	2/10/10
10619 Canadian High Arctic HA2	22.20–19.09	75.133 ; -87.850	-	2/ 0/ 0
10629 Northern Great Basin NB3A	22.20–19.09	34.867 ; -116.423	2.50	1/ 2/ 2
10713 Northern East Coast NC1A	22.20–19.09	40.196 ; -74.169	1.14	2/ 6/ 7
10714 Northern East Coast NC1B	22.20–19.09	39.440 ; -75.264	1.00	1/ 1/ 1
10763 Northern Great Plains NP10C3	22.20–19.09	54.500 ; -105.681	1.60	2/ 5/ 5
10836 Northern Great Plains NP33B	22.20–19.09	44.892 ; -112.360	1.00	2/ 3/ 3
10839 Northern Great Plains NP34C	22.20–19.09	46.621 ; -111.098	1.50	2/10/11
10843 Northern Great Plains NP35B	22.20–19.09	46.596 ; -112.027	1.00	1/ 1/ 1
10849 Northern Great Plains NP36II	22.20–19.09	46.596 ; -112.027	1.00	1/ 1/ 1
10851 Northern Great Plains NP38A*	22.20–19.09	46.596 ; -112.027	2.00	1/ 2/ 2
10910 Pacific Northwest PN6G*	22.20–19.09	44.931 ; -123.029	1.00	2/15/17
10911 Pacific Northwest PN6H*	22.20–19.09	44.760 ; -121.295	1.00	2/ 8/ 8
10912 Pacific Northwest PN6I	22.20–19.09	44.931 ; -123.029	1.00	1/ 1/ 1
10957 Southern Great Basin SB3	22.20–19.09	32.725 ; -114.624	3.00	1/ 1/ 1
11016 Southern Great Basin SB28*	22.20–19.09	36.207 ; -106.319	1.67	2/ 3/ 3
11099 Southern Great Basin SB46	22.20–19.09	29.167 ; -103.500	1.40	2/ 9/10
11100 Southern Great Basin SB47	22.20–19.09	29.329 ; -104.032	1.50	2/ 4/ 4
Arikareean-4	19.09–18.50	13 localities		
10051 California CC15	19.09–18.50	34.469 ; -118.430	2.25	2/ 4/ 4
10301 Central Great Plains CP45C	19.09–18.50	43.933 ; -110.550	2.00	1/ 1/ 1

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Locality	Age	Coordinates	H	Nbs
10313 Central Great Plains CP51A*	19.09–18.50	41.691 ; -104.744	1.40	2/12/14
10316 Central Great Plains CP53*	19.09–18.50	41.682 ; -104.731	1.25	2/ 4/ 4
10396 Central Great Plains CP86D*	19.09–18.50	43.390 ; -102.465	1.47	2/15/15
10429 Central Great Plains CP104A*	19.09–18.50	42.417 ; -103.727	1.31	2/13/13
10430 Central Great Plains CP104B*	19.09–18.50	42.445 ; -103.729	1.36	2/24/28
10528 Gulf Coast GC2	19.09–18.50	30.773 ; -95.321	1.50	2/ 4/ 4
10551 Gulf Coast GC8C	19.09–18.50	29.617 ; -82.367	1.00	2/ 3/ 3
10820 Northern Great Plains NP28B*	19.09–18.50	46.596 ; -112.027	1.25	1/ 4/ 4
10844 Northern Great Plains NP35C	19.09–18.50	45.249 ; -112.998	1.00	1/ 1/ 2
10913 Pacific Northwest PN6J	19.09–18.50	44.931 ; -123.029	1.00	2/10/10
11018 Southern Great Basin SB29A	19.09–18.50	35.458 ; -106.809	3.00	1/ 1/ 1
Hemingfordian-1	18.50–17.34	32 localities		
10043 California CC9IVD*	18.50–17.34	38.556 ; -121.469	1.71	2/ 7/ 7
10052 California CC16	18.50–17.34	38.556 ; -121.469	1.50	2/ 7/ 7
10053 California CC17A*	18.50–17.34	38.556 ; -121.469	2.00	1/ 1/ 1
10063 California CC18B	18.50–17.34	38.556 ; -121.469	2.00	1/ 1/ 1
10302 Central Great Plains CP45D*	18.50–17.34	43.932 ; -110.554	1.50	2/ 4/ 4
10314 Central Great Plains CP51B*	18.50–17.34	42.670 ; -104.084	1.33	2/ 3/ 3
10317 Central Great Plains CP53II	18.50–17.34	41.146 ; -104.802	1.00	1/ 1/ 1
10318 Central Great Plains CP54A*	18.50–17.34	42.446 ; -107.557	1.33	1/ 3/ 3
10357 Central Great Plains CP71*	18.50–17.34	40.902 ; -103.270	1.56	2/15/16
10358 Central Great Plains CP72A	18.50–17.34	41.001 ; -106.559	2.00	1/ 1/ 1
10365 Central Great Plains CP74A	18.50–17.34	40.075 ; -105.945	1.33	1/ 3/ 3
10402 Central Great Plains CP88	18.50–17.34	43.133 ; -101.871	1.23	2/13/13
10431 Central Great Plains CP104C	18.50–17.34	42.393 ; -103.312	1.75	2/ 3/ 3
10433 Central Great Plains CP105*	18.50–17.34	42.751 ; -102.022	1.54	2/24/28
10434 Central Great Plains CP106*	18.50–17.34	41.809 ; -103.103	1.38	2/12/12
10529 Gulf Coast GC3A*	18.50–17.34	30.173 ; -96.671	1.43	2/ 7/ 7
10530 Gulf Coast GC3B*	18.50–17.34	30.388 ; -96.088	1.31	2/14/16
10532 Gulf Coast GC4A	18.50–17.34	30.774 ; -95.454	1.50	2/ 4/ 4
10539 Gulf Coast GC5B	18.50–17.34	30.267 ; -97.764	1.29	2/ 7/ 7
10553 Gulf Coast GC8DA*	18.50–17.34	28.133 ; -81.632	1.00	1/ 1/ 1
10630 Northern Great Basin NB3B	18.50–17.34	34.862 ; -116.425	2.00	1/ 3/ 3
10632 Northern Great Basin NB3D	18.50–17.34	38.556 ; -121.469	2.00	2/ 5/ 5
10633 Northern Great Basin NB4	18.50–17.34	35.041 ; -117.688	2.00	1/ 4/ 4
10634 Northern Great Basin NB5	18.50–17.34	38.556 ; -121.469	2.00	1/ 1/ 1
10716 Northern East Coast NC2B	18.50–17.34	39.162 ; -75.527	1.43	2/ 6/ 6
10765 Northern Great Plains NP10D	18.50–17.34	54.500 ; -105.681	1.38	2/ 8/ 8
10914 Pacific Northwest PN6K	18.50–17.34	44.931 ; -123.029	1.20	2/10/10
10915 Pacific Northwest PN6L	18.50–17.34	44.931 ; -123.029	1.50	2/ 6/ 6
10959 Southern Great Basin SB5	18.50–17.34	33.448 ; -112.074	2.00	1/ 1/ 1
11019 Southern Great Basin SB29B*	18.50–17.34	35.500 ; -106.750	2.33	2/ 3/ 3
11020 Southern Great Basin SB29C*	18.50–17.34	35.600 ; -106.750	2.14	2/ 7/ 7
11112 Southern Great Basin SB55	18.50–17.34	21.000 ; -101.000	1.25	2/ 4/ 4
Hemingfordian-2	17.34–15.97	30 localities		
10054 California CC17B	17.34–15.97	34.738 ; -119.238	2.00	2/ 6/ 6
10062 California CC18A	17.34–15.97	38.556 ; -121.469	1.67	2/ 2/ 2
10064 California CC19	17.34–15.97	34.851 ; -119.554	1.60	2/ 5/ 5
10065 California CC20	17.34–15.97	35.486 ; -118.890	1.50	2/ 2/ 2
10066 California CC21A	17.34–15.97	35.191 ; -118.324	1.88	2/ 7/ 7
10069 California CC22A	17.34–15.97	34.298 ; -117.469	1.91	2/11/11
10148 Central Great Plains CP9II	17.34–15.97	40.200 ; -106.875	3.00	1/ 1/ 1
10149 Central Great Plains CP10	17.34–15.97	40.700 ; -111.883	1.50	2/ 2/ 2

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Locality	Age	Coordinates	H	Nbs
10319 Central Great Plains CP54B*	17.34–15.97	42.446 ; -107.557	1.64	2/ 9/11
10321 Central Great Plains CP54II	17.34–15.97	41.146 ; -104.802	1.60	2/ 5/ 5
10359 Central Great Plains CP72B*	17.34–15.97	39.739 ; -104.985	1.67	2/ 2/ 3
10435 Central Great Plains CP106II	17.34–15.97	42.727 ; -103.155	2.00	1/ 1/ 1
10436 Central Great Plains CP107*	17.34–15.97	42.400 ; -103.031	1.54	2/23/24
10437 Central Great Plains CP108A	17.34–15.97	42.175 ; -103.737	1.83	2/18/18
10438 Central Great Plains CP108B*	17.34–15.97	42.178 ; -103.755	1.85	2/31/33
10439 Central Great Plains CP109A*	17.34–15.97	42.654 ; -102.785	1.69	2/13/13
10554 Gulf Coast GC8DB	17.34–15.97	28.133 ; -81.632	2.14	2/ 6/ 6
10558 Gulf Coast GC9B*	17.34–15.97	29.917 ; -84.977	1.57	2/ 7/ 7
10635 Northern Great Basin NB6A	17.34–15.97	35.032 ; -117.053	2.20	2/ 5/ 5
10636 Northern Great Basin NB6B*	17.34–15.97	35.032 ; -117.053	2.14	2/ 7/ 7
10660 Northern Great Basin NB16*	17.34–15.97	39.161 ; -119.754	2.00	1/ 2/ 2
10661 Northern Great Basin NB17	17.34–15.97	41.652 ; -119.749	1.63	2/14/16
10766 Northern Great Plains NP10E	17.34–15.97	54.500 ; -105.681	1.67	2/ 9/ 9
10840 Northern Great Plains NP34D*	17.34–15.97	46.596 ; -112.027	1.80	3/ 7/ 7
10890 Northern Great Plains NP51B	17.34–15.97	47.446 ; -102.932	2.00	1/ 1/ 1
10940 Pacific Northwest PN19A	17.34–15.97	44.801 ; -113.246	1.80	2/ 5/ 5
11021 Southern Great Basin SB29D	17.34–15.97	35.700 ; -106.750	2.50	1/ 2/ 2
11030 Southern Great Basin SB32A	17.34–15.97	35.917 ; -106.167	1.91	2/11/11
11111 Southern Great Basin SB54	17.34–15.97	30.000 ; -111.167	3.00	1/ 1/ 1
11178 West Coast Marine WM7	17.34–15.97	44.931 ; -123.029	1.00	1/ 1/ 1
Barstovian-1	15.97–14.78	39 localities		
10055 California CC17C*	15.97–14.78	34.995 ; -119.575	1.90	2/10/10
10056 California CC17D*	15.97–14.78	34.765 ; -119.245	1.67	2/12/12
10057 California CC17E	15.97–14.78	34.765 ; -119.236	1.83	2/ 6/ 6
10067 California CC21B	15.97–14.78	35.190 ; -118.316	2.00	2/ 6/ 7
10074 California CC23A*	15.97–14.78	38.556 ; -121.469	1.82	3/ 8/10
10367 Central Great Plains CP74B*	15.97–14.78	39.739 ; -104.985	1.83	2/ 6/ 6
10370 Central Great Plains CP75B*	15.97–14.78	40.871 ; -103.921	1.90	3/26/30
10373 Central Great Plains CP76A	15.97–14.78	39.739 ; -104.985	3.00	1/ 1/ 1
10441 Central Great Plains CP110*	15.97–14.78	42.161 ; -103.726	1.82	2/37/38
10442 Central Great Plains CP111*	15.97–14.78	42.690 ; -102.840	1.44	2/15/15
10443 Central Great Plains CP112	15.97–14.78	42.913 ; -100.387	-	1/ 0/ 0
10533 Gulf Coast GC4B*	15.97–14.78	30.220 ; -96.420	2.17	2/11/12
10534 Gulf Coast GC4C*	15.97–14.78	30.671 ; -95.053	1.78	2/20/23
10535 Gulf Coast GC4D	15.97–14.78	30.986 ; -93.673	2.22	3/ 7/ 8
10559 Gulf Coast GC9C*	15.97–14.78	29.917 ; -84.977	1.64	3/ 8/ 9
10562 Gulf Coast GC10A	15.97–14.78	28.182 ; -81.824	2.00	3/ 8/ 9
10563 Gulf Coast GC10AA*	15.97–14.78	27.877 ; -82.026	2.00	1/ 1/ 1
10637 Northern Great Basin NB6C*	15.97–14.78	35.097 ; -116.620	1.90	2/18/21
10638 Northern Great Basin NB6D*	15.97–14.78	35.032 ; -117.053	2.11	2/ 9/ 9
10662 Northern Great Basin NB18A	15.97–14.78	41.842 ; -119.050	1.88	3/14/15
10664 Northern Great Basin NB19A	15.97–14.78	39.161 ; -119.754	1.88	2/ 6/ 7
10667 Northern Great Basin NB20A	15.97–14.78	41.200 ; -119.317	1.85	2/11/13
10669 Northern Great Basin NB21*	15.97–14.78	40.967 ; -115.973	1.80	2/ 4/ 4
10670 Northern Great Basin NB22A	15.97–14.78	39.261 ; -117.908	1.50	2/ 2/ 2
10674 Northern Great Basin NB23B*	15.97–14.78	38.586 ; -117.926	1.93	3/12/14
10841 Northern Great Plains NP34E*	15.97–14.78	46.569 ; -111.170	1.67	2/ 6/ 6
10853 Northern Great Plains NP38C*	15.97–14.78	46.008 ; -111.961	2.00	2/ 9/ 9
10861 Northern Great Plains NP40A	15.97–14.78	45.352 ; -110.733	2.00	2/ 7/ 7
10865 Northern Great Plains NP41B	15.97–14.78	45.667 ; -111.300	2.13	2/14/15
10868 Northern Great Plains NP42*	15.97–14.78	46.627 ; -113.131	1.69	2/12/13
10916 Pacific Northwest PN7*	15.97–14.78	44.492 ; -119.536	1.55	3/19/20
10919 Pacific Northwest PN8A	15.97–14.78	42.451 ; -119.322	1.80	2/ 5/ 5

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Locality		Age	Coordinates	H	Nbs
10920	Pacific Northwest PN8B*	15.97–14.78	43.474 ; -117.781	1.73	3/10/11
10941	Pacific Northwest PN19B	15.97–14.78	44.801 ; -113.246	1.73	2/11/11
10945	Pacific Northwest PN20	15.97–14.78	42.394 ; -112.120	2.00	1/ 1/ 1
11022	Southern Great Basin SB30A	15.97–14.78	35.593 ; -106.670	3.00	1/ 1/ 1
11031	Southern Great Basin SB32AA	15.97–14.78	35.667 ; -105.964	3.00	1/ 1/ 1
11032	Southern Great Basin SB32B*	15.97–14.78	35.978 ; -105.988	2.15	2/24/26
11184	West Coast Marine WM13A	15.97–14.78	38.556 ; -121.469	1.50	2/ 3/ 3
Barstovian-2		14.78–12.57	50 localities		
10058	California CC17F	14.78–12.57	38.556 ; -121.469	2.00	3/ 3/ 3
10068	California CC21C	14.78–12.57	35.190 ; -118.316	1.78	2/ 8/ 8
10070	California CC22B	14.78–12.57	34.323 ; -117.486	1.60	2/ 5/ 5
10071	California CC22C	14.78–12.57	38.556 ; -121.469	1.67	2/ 6/ 6
10075	California CC23B	14.78–12.57	38.556 ; -121.469	2.00	1/ 1/ 1
10080	California CC25A	14.78–12.57	37.840 ; -120.644	2.50	3/ 2/ 2
10303	Central Great Plains CP45E*	14.78–12.57	43.762 ; -110.555	2.33	2/ 3/ 3
10311	Central Great Plains CP49D	14.78–12.57	41.693 ; -104.206	1.00	1/ 1/ 1
10323	Central Great Plains CP56*	14.78–12.57	41.500 ; -104.750	2.30	3/10/10
10362	Central Great Plains CP73C	14.78–12.57	40.595 ; -108.645	2.00	2/ 2/ 2
10363	Central Great Plains CP73D	14.78–12.57	40.460 ; -108.247	2.00	2/ 4/ 4
10371	Central Great Plains CP75BB	14.78–12.57	39.739 ; -104.985	1.88	3/24/25
10372	Central Great Plains CP75C*	14.78–12.57	40.815 ; -104.066	2.00	3/20/22
10374	Central Great Plains CP76B*	14.78–12.57	40.579 ; -103.358	2.23	3/18/22
10376	Central Great Plains CP76III	14.78–12.57	40.779 ; -103.971	2.00	1/ 1/ 1
10400	Central Great Plains CP87B	14.78–12.57	42.917 ; -99.750	2.44	3/ 8/ 9
10403	Central Great Plains CP89*	14.78–12.57	43.493 ; -99.278	2.00	2/ 5/ 5
10404	Central Great Plains CP89II	14.78–12.57	43.234 ; -100.822	2.00	1/ 1/ 1
10440	Central Great Plains CP109B	14.78–12.57	40.810 ; -96.675	2.00	1/ 1/ 1
10445	Central Great Plains CP113A*	14.78–12.57	41.597 ; -96.790	2.00	1/ 1/ 1
10453	Central Great Plains CP114A*	14.78–12.57	42.784 ; -100.035	1.94	3/27/30
10454	Central Great Plains CP114B*	14.78–12.57	42.827 ; -97.636	1.90	3/33/39
10455	Central Great Plains CP114C*	14.78–12.57	42.712 ; -99.789	2.17	3/30/35
10463	Central Great Plains CP116A0	14.78–12.57	40.810 ; -96.675	2.00	1/ 1/ 1
10536	Gulf Coast GC4DD*	14.78–12.57	31.047 ; -93.205	1.71	3/ 7/ 7
10537	Gulf Coast GC4E*	14.78–12.57	30.345 ; -96.032	1.95	3/18/21
10555	Gulf Coast GC8E	14.78–12.57	28.133 ; -81.632	2.33	2/ 3/ 3
10564	Gulf Coast GC10B	14.78–12.57	28.182 ; -81.824	2.45	1/11/11
10610	Gulf Coast GC26	14.78–12.57	30.458 ; -91.140	2.00	1/ 1/ 1
10639	Northern Great Basin NB6E*	14.78–12.57	35.032 ; -117.040	2.00	3/15/17
10640	Northern Great Basin NB6F	14.78–12.57	35.146 ; -116.475	2.17	3/ 4/ 5
10677	Northern Great Basin NB24II	14.78–12.57	39.161 ; -119.754	3.00	1/ 1/ 1
10678	Northern Great Basin NB25A	14.78–12.57	40.094 ; -117.577	1.00	1/ 0/ 0
10680	Northern Great Basin NB26A	14.78–12.57	41.058 ; -116.482	2.00	1/ 1/ 1
10722	Northern East Coast NC3B*	14.78–12.57	38.973 ; -76.501	1.43	3/ 7/ 7
10723	Northern East Coast NC4*	14.78–12.57	38.973 ; -76.501	1.00	2/ 2/ 2
10767	Northern Great Plains NP11*	14.78–12.57	54.500 ; -105.681	1.88	3/15/16
10862	Northern Great Plains NP40B	14.78–12.57	45.296 ; -110.830	2.00	2/ 2/ 2
10870	Northern Great Plains NP43*	14.78–12.57	35.225 ; -106.961	1.67	2/ 6/ 6
10893	Pacific Northwest PN1II	14.78–12.57	45.743 ; -120.216	2.00	1/ 1/ 1
10922	Pacific Northwest PN9B*	14.78–12.57	43.452 ; -117.453	2.22	2/ 7/ 7
10942	Pacific Northwest PN19C	14.78–12.57	43.614 ; -116.238	1.77	2/12/13
10943	Pacific Northwest PN19D	14.78–12.57	43.614 ; -116.238	2.00	2/ 2/ 2
10944	Pacific Northwest PN19E	14.78–12.57	43.614 ; -116.238	2.00	2/ 2/ 2
11023	Southern Great Basin SB30B*	14.78–12.57	35.458 ; -106.752	2.00	2/ 3/ 3
11033	Southern Great Basin SB32C*	14.78–12.57	36.147 ; -106.243	2.00	2/ 4/ 4
11034	Southern Great Basin SB32D*	14.78–12.57	35.825 ; -105.979	2.08	3/27/36

Table 1 – continued from previous page

Locality		Age	Coordinates	H	Nbs
11035	Southern Great Basin SB32E*	14.78–12.57	35.667 ; -105.964	2.00	1/ 4/ 4
11037	Southern Great Basin SB32F*	14.78–12.57	36.079 ; -106.086	2.25	2/15/16
11038	Southern Great Basin SB32FF	14.78–12.57	36.391 ; -106.044	2.00	2/ 6/ 6
Clarendonian-1		12.57–12.11	6 localities		
10456	Central Great Plains CP114D*	12.57–12.11	42.642 ; -100.064	2.12	3/30/34
10641	Northern Great Basin NB7A*	12.57–12.11	35.394 ; -117.944	2.00	2/ 3/ 3
10740	Northern Great Plains NP5A	12.57–12.11	54.500 ; -115.000	2.67	2/ 2/ 2
11043	Southern Great Basin SB33A	12.57–12.11	35.687 ; -105.938	2.00	1/ 1/ 1
11101	Southern Great Basin SB47IIA	12.57–12.11	30.267 ; -97.764	3.00	1/ 3/ 3
11102	Southern Great Basin SB47IIB	12.57–12.11	30.267 ; -97.764	3.00	1/ 4/ 4
Clarendonian-2		12.11–10.09	34 localities		
10059	California CC17G*	12.11–10.09	34.821 ; -119.337	2.11	3/ 9/ 9
10079	California CC24	12.11–10.09	35.126 ; -118.824	1.00	1/ 0/ 0
10086	California CC27	12.11–10.09	38.556 ; -121.469	2.75	3/ 3/ 4
10091	California CC32A	12.11–10.09	35.100 ; -118.800	2.33	2/ 4/ 4
10094	California CC34	12.11–10.09	33.843 ; -117.462	2.33	1/ 1/ 2
10320	Central Great Plains CP54C*	12.11–10.09	42.461 ; -107.487	3.00	1/ 1/ 1
10368	Central Great Plains CP74C	12.11–10.09	39.739 ; -104.985	2.00	1/ 1/ 1
10405	Central Great Plains CP90A*	12.11–10.09	43.119 ; -101.931	2.06	3/26/30
10406	Central Great Plains CP90B	12.11–10.09	43.002 ; -102.387	2.56	2/ 9/ 9
10457	Central Great Plains CP115A	12.11–10.09	40.810 ; -96.675	1.86	2/ 7/ 7
10462	Central Great Plains CP116A*	12.11–10.09	42.421 ; -98.157	2.06	3/30/32
10478	Central Great Plains CP123A	12.11–10.09	39.056 ; -95.689	2.17	3/ 6/ 6
10484	Central Great Plains CP123E	12.11–10.09	39.082 ; -99.759	2.78	3/ 9/ 9
10487	Central Great Plains CP124	12.11–10.09	37.200 ; -99.800	1.00	1/ 1/ 1
10540	Gulf Coast GC6A*	12.11–10.09	28.420 ; -97.740	2.22	3/15/17
10541	Gulf Coast GC6B*	12.11–10.09	28.531 ; -97.591	2.33	3/22/26
10556	Gulf Coast GC8F	12.11–10.09	28.133 ; -81.632	2.50	3/ 8/10
10642	Northern Great Basin NB7B	12.11–10.09	35.394 ; -117.944	2.44	3/ 8/ 9
10645	Northern Great Basin NB8	12.11–10.09	35.416 ; -116.244	1.86	3/ 7/ 7
10675	Northern Great Basin NB23C*	12.11–10.09	38.604 ; -117.843	2.20	3/12/14
10679	Northern Great Basin NB25B	12.11–10.09	40.094 ; -117.577	2.00	1/ 1/ 1
10681	Northern Great Basin NB26B	12.11–10.09	41.058 ; -116.482	2.00	1/ 1/ 1
10683	Northern Great Basin NB27A	12.11–10.09	38.507 ; -118.906	2.86	2/ 5/ 5
10688	Northern Great Basin NB28	12.11–10.09	40.446 ; -114.444	2.29	3/ 6/ 6
10724	Northern East Coast NC5	12.11–10.09	38.361 ; -76.388	3.00	1/ 1/ 1
10866	Northern Great Plains NP41C	12.11–10.09	46.596 ; -112.027	2.00	1/ 1/ 1
10961	Southern Great Basin SB7	12.11–10.09	35.198 ; -109.228	2.33	2/ 2/ 2
11025	Southern Great Basin SB30C*	12.11–10.09	35.458 ; -106.765	2.67	1/ 3/ 3
11040	Southern Great Basin SB32H	12.11–10.09	36.172 ; -106.089	2.40	2/ 5/ 5
11041	Southern Great Basin SB32HH*	12.11–10.09	35.667 ; -105.964	2.33	1/ 3/ 3
11048	Southern Great Basin SB34A*	12.11–10.09	35.955 ; -106.121	2.23	3/23/26
11153	Southern Great Plains SP1A*	12.11–10.09	35.643 ; -101.905	2.32	2/15/18
11162	Southern Great Plains SP2A*	12.11–10.09	35.066 ; -100.910	2.28	3/25/28
11163	Southern Great Plains SP2B	12.11–10.09	35.105 ; -100.739	3.00	1/ 1/ 2
Clarendonian-3		10.09–9.07	18 localities		
10060	California CC17H*	10.09–9.07	34.803 ; -119.293	2.25	3/ 8/ 8
10083	California CC26A	10.09–9.07	37.830 ; -121.919	3.00	1/ 2/ 2
10084	California CC26B	10.09–9.07	37.830 ; -121.929	2.27	3/10/10
10088	California CC30A	10.09–9.07	38.556 ; -121.469	2.25	3/ 4/ 4
10089	California CC30B*	10.09–9.07	38.556 ; -121.469	2.00	2/ 1/ 1
10092	California CC32B	10.09–9.07	35.134 ; -118.818	2.22	3/ 7/ 7

Table 1 – continued from previous page

Locality	Age	Coordinates	H	Nbs
10093 California CC33	10.09–9.07	34.471 ; -118.441	2.67	2/ 3/ 3
10095 California CC35A	10.09–9.07	37.878 ; -122.217	2.50	3/ 2/ 2
10458 Central Great Plains CP115B*	10.09–9.07	42.166 ; -103.727	2.12	3/14/15
10480 Central Great Plains CP123B*	10.09–9.07	38.878 ; -99.510	2.00	1/ 1/ 2
10488 Central Great Plains CP124II	10.09–9.07	39.056 ; -95.689	2.33	1/ 2/ 3
10489 Central Great Plains CP124III	10.09–9.07	39.069 ; -99.556	2.13	2/ 6/ 6
10567 Gulf Coast GC11A	10.09–9.07	29.617 ; -82.367	2.40	3/17/19
10666 Northern Great Basin NB19C*	10.09–9.07	40.783 ; -116.001	2.43	3/ 5/ 5
10689 Northern Great Basin NB29A*	10.09–9.07	39.935 ; -119.066	2.00	3/ 7/ 7
10894 Pacific Northwest PN2A	10.09–9.07	46.341 ; -120.191	2.60	2/ 4/ 4
10923 Pacific Northwest PN10*	10.09–9.07	43.778 ; -118.142	1.82	3/ 6/ 6
11044 Southern Great Basin SB33B*	10.09–9.07	35.687 ; -105.938	2.00	2/ 3/ 3
Hemphillian-1	9.07–7.59	20 localities		
10096 California CC35B	9.07–7.59	37.761 ; -121.989	1.00	1/ 1/ 1
10461 Central Great Plains CP116C*	9.07–7.59	40.810 ; -96.675	2.24	3/16/17
10481 Central Great Plains CP123C	9.07–7.59	37.371 ; -99.785	2.38	3/14/16
10566 Gulf Coast GC10D	9.07–7.59	30.441 ; -82.947	2.50	3/11/14
10568 Gulf Coast GC11B*	9.07–7.59	29.617 ; -82.367	2.20	3/17/20
10644 Northern Great Basin NB7D	9.07–7.59	35.454 ; -118.100	2.36	3/11/11
10646 Northern Great Basin NB9*	9.07–7.59	35.462 ; -117.520	2.40	2/ 5/ 5
10686 Northern Great Basin NB27B*	9.07–7.59	38.830 ; -119.040	2.14	3/ 5/ 5
10692 Northern Great Basin NB30II	9.07–7.59	41.311 ; -117.797	2.00	1/ 1/ 1
10693 Northern Great Basin NB31	9.07–7.59	41.925 ; -118.836	2.36	3/ 9/10
10694 Northern Great Basin NB32A	9.07–7.59	36.811 ; -114.076	2.00	1/ 1/ 1
10871 Northern Great Plains NP45*	9.07–7.59	46.287 ; -112.811	2.13	3/ 8/ 8
10926 Pacific Northwest PN11A*	9.07–7.59	42.790 ; -117.739	2.22	3/ 9/ 9
10928 Pacific Northwest PN12A*	9.07–7.59	44.931 ; -123.029	2.11	3/ 8/ 8
11047 Southern Great Basin SB33IIB	9.07–7.59	34.795 ; -106.692	2.67	2/ 5/ 5
11049 Southern Great Basin SB34B*	9.07–7.59	35.917 ; -106.167	2.75	2/ 4/ 4
11103 Southern Great Basin SB48	9.07–7.59	29.277 ; -103.054	2.60	2/ 5/ 5
11113 Southern Great Basin SB55IIA	9.07–7.59	20.478 ; -98.864	3.00	1/ 4/ 4
11155 Southern Great Plains SP1B*	9.07–7.59	36.094 ; -99.928	2.18	3/15/16
11156 Southern Great Plains SP1C*	9.07–7.59	35.684 ; -102.330	2.47	3/16/19
Hemphillian-2	7.59–6.88	22 localities		
10099 California CC38	7.59–6.88	35.474 ; -118.927	2.33	2/ 3/ 3
10101 California CC39B	7.59–6.88	38.556 ; -121.469	2.33	3/ 4/ 4
10378 Central Great Plains CP78*	7.59–6.88	40.076 ; -102.223	2.26	3/16/19
10459 Central Great Plains CP115C*	7.59–6.88	42.198 ; -103.781	2.07	3/13/13
10466 Central Great Plains CP116D*	7.59–6.88	40.395 ; -100.258	2.38	3/19/21
10482 Central Great Plains CP123C1	7.59–6.88	39.056 ; -95.689	3.00	1/ 1/ 1
10491 Central Great Plains CP126	7.59–6.88	39.401 ; -100.137	2.42	3/10/11
10569 Gulf Coast GC11C	7.59–6.88	28.133 ; -81.632	2.50	3/13/14
10571 Gulf Coast GC12	7.59–6.88	28.133 ; -81.632	3.00	1/ 0/ 0
10572 Gulf Coast GC12IIA*	7.59–6.88	28.133 ; -81.632	2.60	3/13/15
10573 Gulf Coast GC12IIB	7.59–6.88	28.133 ; -81.632	3.00	1/ 3/ 3
10574 Gulf Coast GC13A*	7.59–6.88	27.496 ; -82.540	2.29	3/11/13
10611 Gulf Coast GC27	7.59–6.88	30.848 ; -88.174	2.20	3/11/13
10927 Pacific Northwest PN11B	7.59–6.88	43.747 ; -118.419	2.22	3/ 9/ 9
10929 Pacific Northwest PN12B*	7.59–6.88	44.486 ; -119.667	2.00	3/ 7/ 7
10930 Pacific Northwest PN13	7.59–6.88	43.451 ; -117.587	2.43	2/ 6/ 6
11050 Southern Great Basin SB34C*	7.59–6.88	36.114 ; -105.979	2.44	3/ 9/ 9
11057 Southern Great Basin SB34V	7.59–6.88	35.667 ; -105.964	1.00	1/ 1/ 1
11104 Southern Great Basin SB48II	7.59–6.88	33.421 ; -101.475	3.00	1/ 3/ 4

Table 1 – continued from previous page

Locality		Age	Coordinates	H	Nbs
11114	Southern Great Basin SB55IIAA	7.59–6.88	20.478 ; -98.864	2.50	2/ 4/ 4
11164	Southern Great Plains SP3A*	7.59–6.88	36.234 ; -100.096	2.24	3/14/17
11165	Southern Great Plains SP3B	7.59–6.88	35.733 ; -100.524	2.47	3/15/17
Hemphillian-3		6.88–5.91	15 localities		
10008	Central America CA6B	6.88–5.91	21.067 ; -89.717	1.00	1/ 0/ 0
10097	California CC36	6.88–5.91	37.860 ; -122.146	2.60	3/ 3/ 3
10460	Central Great Plains CP115D*	6.88–5.91	40.810 ; -96.675	2.27	3/11/11
10467	Central Great Plains CP116E*	6.88–5.91	42.393 ; -98.126	2.23	3/ 9/10
10483	Central Great Plains CP123D*	6.88–5.91	39.155 ; -101.510	2.09	3/10/10
10741	Northern Great Plains NP5B*	6.88–5.91	54.500 ; -115.000	2.80	2/ 5/ 5
10931	Pacific Northwest PN14*	6.88–5.91	45.596 ; -118.785	2.00	3/ 6/ 6
10932	Pacific Northwest PN14II	6.88–5.91	43.617 ; -117.718	3.00	1/ 1/ 1
10933	Pacific Northwest PN15*	6.88–5.91	44.931 ; -123.029	2.50	2/ 4/ 4
11051	Southern Great Basin SB34D	6.88–5.91	35.992 ; -106.047	3.00	1/ 1/ 1
11121	Southern Great Basin SB56	6.88–5.91	21.000 ; -98.000	1.00	1/ 1/ 1
11122	Southern Great Basin SB56II	6.88–5.91	20.478 ; -98.864	2.33	2/ 3/ 3
11123	Southern Great Basin SB57	6.88–5.91	28.630 ; -106.080	2.50	2/ 2/ 2
11157	Southern Great Plains SP1D*	6.88–5.91	35.993 ; -100.588	2.39	3/14/18
11166	Southern Great Plains SP4A*	6.88–5.91	34.962 ; -101.192	2.29	2/ 7/ 7
Hemphillian-4		5.91–4.91	23 localities		
10082	California CC25B*	5.91–4.91	37.600 ; -120.579	2.73	3/ 9/ 9
10098	California CC37*	5.91–4.91	38.010 ; -122.301	2.67	3/ 6/ 6
10102	California CC40	5.91–4.91	33.891 ; -117.047	2.20	3/ 9/10
10468	Central Great Plains CP116F*	5.91–4.91	42.816 ; -97.725	2.07	3/12/12
10493	Central Great Plains CP127	5.91–4.91	38.456 ; -97.472	2.83	1/ 6/ 6
10518	East Coast Marine EM8B	5.91–4.91	35.819 ; -78.645	2.00	3/ 3/ 3
10543	Gulf Coast GC6D*	5.91–4.91	27.958 ; -97.779	2.88	1/ 6/ 8
10575	Gulf Coast GC13B*	5.91–4.91	28.182 ; -81.824	2.07	3/27/27
10612	Gulf Coast GC29	5.91–4.91	30.458 ; -91.140	3.00	1/ 2/ 2
10613	Gulf Coast GC31	5.91–4.91	33.755 ; -84.390	3.00	1/ 1/ 1
10647	Northern Great Basin NB10	5.91–4.91	35.088 ; -118.234	2.00	3/ 6/ 7
10703	Northern Great Basin NB35IIIA	5.91–4.91	39.161 ; -119.754	2.25	3/ 3/ 3
10896	Pacific Northwest PN3A	5.91–4.91	47.042 ; -122.893	3.00	1/ 1/ 1
10897	Pacific Northwest PN3B	5.91–4.91	46.409 ; -119.262	2.50	2/ 2/ 2
10963	Southern Great Basin SB9*	5.91–4.91	34.614 ; -113.536	2.43	3/ 6/ 6
11052	Southern Great Basin SB34IIA	5.91–4.91	35.667 ; -105.964	3.00	1/ 2/ 2
11054	Southern Great Basin SB34III*	5.91–4.91	35.500 ; -106.417	3.00	1/ 1/ 1
11127	Southern Great Basin SB58B	5.91–4.91	21.083 ; -100.683	1.89	3/ 9/ 9
11130	Southern Great Basin SB58IIB	5.91–4.91	20.567 ; -103.676	2.25	2/ 8/ 8
11133	Southern Great Basin SB59	5.91–4.91	21.017 ; -100.783	3.00	2/ 4/ 4
11135	Southern Great Basin SB60	5.91–4.91	28.500 ; -108.250	2.64	3/11/11
11158	Southern Great Plains SP1E*	5.91–4.91	35.482 ; -97.535	3.00	1/ 2/ 2
11167	Southern Great Plains SP4B*	5.91–4.91	34.953 ; -101.495	2.25	3/12/12
Blancan-Early		4.91–2.63	56 localities		
10085	California CC26C	4.91–2.63	37.830 ; -121.919	2.50	1/ 2/ 2
10106	California CC43A	4.91–2.63	38.556 ; -121.469	2.50	3/ 3/ 3
10108	California CC44	4.91–2.63	38.297 ; -122.284	3.00	1/ 1/ 1
10109	California CC45	4.91–2.63	38.556 ; -121.469	3.00	1/ 1/ 1
10117	California CC47D*	4.91–2.63	38.556 ; -121.469	3.00	1/ 1/ 1
10120	California CC48C*	4.91–2.63	38.556 ; -121.469	2.00	1/ 2/ 2
10125	California CC52II	4.91–2.63	30.550 ; -115.167	2.67	2/ 3/ 3
10128	California CC53	4.91–2.63	23.000 ; -112.000	2.40	3/ 4/ 4

Table 1 – continued from previous page

Locality	Age	Coordinates	H	Nbs
10130	Central East America CE2	4.91–2.63	39.791 ; -86.148	2.20 2/ 4/ 4
10379	Central Great Plains CP80	4.91–2.63	37.000 ; -103.633	2.00 3/ 5/ 6
10471	Central Great Plains CP117A	4.91–2.63	40.810 ; -96.675	2.00 3/ 8/ 8
10472	Central Great Plains CP117B	4.91–2.63	40.810 ; -96.675	2.67 3/ 9/ 9
10473	Central Great Plains CP118	4.91–2.63	40.810 ; -96.675	2.67 3/ 8/ 9
10494	Central Great Plains CP128A	4.91–2.63	39.056 ; -95.689	2.25 3/ 6/ 6
10495	Central Great Plains CP128AA*	4.91–2.63	39.056 ; -95.689	2.50 3/ 6/ 6
10496	Central Great Plains CP128B*	4.91–2.63	39.056 ; -95.689	2.00 3/ 4/ 4
10497	Central Great Plains CP128C*	4.91–2.63	39.056 ; -95.689	2.42 3/ 9/11
10500	Central Great Plains CP130	4.91–2.63	39.056 ; -95.689	2.50 3/ 3/ 3
10620	Canadian High Arctic HA3	4.91–2.63	80.167 ; -79.083	2.00 2/ 2/ 2
10651	Northern Great Basin NB12B	4.91–2.63	35.982 ; -117.664	1.75 3/ 4/ 4
10654	Northern Great Basin NB13A	4.91–2.63	38.556 ; -121.469	3.00 1/ 1/ 1
10655	Northern Great Basin NB13B	4.91–2.63	38.556 ; -121.469	2.67 2/ 6/ 6
10695	Northern Great Basin NB32B*	4.91–2.63	40.630 ; -119.680	2.00 1/ 1/ 1
10696	Northern Great Basin NB33A	4.91–2.63	37.640 ; -114.880	3.00 2/ 4/ 4
10704	Northern Great Basin NB35IIIB	4.91–2.63	38.977 ; -119.540	1.75 3/ 4/ 4
10708	Northern Great Basin NB36II	4.91–2.63	40.630 ; -119.680	- 1/ 0/ 0
10898	Pacific Northwest PN3C*	4.91–2.63	47.042 ; -122.893	1.67 3/ 6/ 6
10900	Pacific Northwest PN4*	4.91–2.63	47.042 ; -122.893	2.17 2/ 6/ 6
10950	Pacific Northwest PN23A*	4.91–2.63	43.614 ; -116.238	2.00 2/ 7/ 7
10967	Southern Great Basin SB12*	4.91–2.63	34.562 ; -112.383	3.00 2/ 3/ 3
10968	Southern Great Basin SB13*	4.91–2.63	33.448 ; -112.074	2.18 3/11/11
10969	Southern Great Basin SB14A*	4.91–2.63	32.114 ; -109.921	2.13 3/ 8/ 8
10970	Southern Great Basin SB14B*	4.91–2.63	32.114 ; -109.921	2.17 3/ 6/ 6
10971	Southern Great Basin SB14C*	4.91–2.63	33.448 ; -112.074	2.14 3/ 7/ 7
10976	Southern Great Basin SB15A	4.91–2.63	33.102 ; -109.269	2.50 3/ 6/ 6
10978	Southern Great Basin SB15C	4.91–2.63	33.448 ; -112.074	2.50 2/ 2/ 2
10979	Southern Great Basin SB16	4.91–2.63	31.538 ; -110.826	2.75 2/ 4/ 4
10982	Southern Great Basin SB18A0	4.91–2.63	33.448 ; -112.074	3.00 2/ 2/ 2
11053	Southern Great Basin SB34IIB	4.91–2.63	35.667 ; -105.964	2.80 3/ 5/ 5
11058	Southern Great Basin SB35A	4.91–2.63	35.667 ; -105.964	2.25 3/ 4/ 4
11059	Southern Great Basin SB35B*	4.91–2.63	33.083 ; -107.250	2.50 3/ 6/ 6
11060	Southern Great Basin SB35C	4.91–2.63	35.667 ; -105.964	2.80 3/ 4/ 5
11061	Southern Great Basin SB35D*	4.91–2.63	35.667 ; -105.964	2.43 3/ 5/ 6
11065	Southern Great Basin SB37A	4.91–2.63	35.667 ; -105.964	2.17 3/ 5/ 6
11066	Southern Great Basin SB37B*	4.91–2.63	35.667 ; -105.964	2.00 2/ 3/ 3
11074	Southern Great Basin SB38IIB*	4.91–2.63	35.667 ; -105.964	3.00 2/ 2/ 3
11075	Southern Great Basin SB38IIC*	4.91–2.63	35.667 ; -105.964	2.57 3/ 4/ 5
11128	Southern Great Basin SB58C	4.91–2.63	21.083 ; -100.683	2.17 2/ 6/ 6
11140	Southern Great Basin SB61	4.91–2.63	28.250 ; -108.000	3.00 2/ 2/ 2
11141	Southern Great Basin SB62	4.91–2.63	28.750 ; -108.250	2.33 2/ 3/ 3
11142	Southern Great Basin SB63*	4.91–2.63	28.000 ; -107.250	2.43 3/ 5/ 5
11144	Southern Great Basin SB64	4.91–2.63	21.000 ; -101.000	2.60 3/ 4/ 4
11148	Southern Great Basin SB66	4.91–2.63	19.433 ; -99.133	2.33 2/ 3/ 3
11159	Southern Great Plains SP1F	4.91–2.63	32.519 ; -96.381	2.29 3/ 5/ 6
11160	Southern Great Plains SP1G*	4.91–2.63	35.400 ; -102.600	- 1/ 0/ 0
11202	West Coast Marine WM26*	4.91–2.63	32.715 ; -117.162	2.33 3/ 3/ 3