Proto-Elamite: Comparison of Sign Images and Glyphs

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1   Introduction

A set of fonts for Proto-Elamite were developed for SEI by Jérémie Hornus at Black Foundry:

- ProtoElamite Mainforms Beta-Regular.ttf
- ProtoElamite Num Beta-Regular.ttf
- ProtoElamite Variants Beta-Regular.ttf

The fonts were generated from the CDLI sign images. On the whole, the production is quite good. However, the fonts needed to be modified as the arrangement of glyphs did not follow the CDLI sign list. Also, the glyphs did not have identifiers, which made it difficult to locate a sign without external references.

I have generated a single font in which the glyphs have been reordered according to the CDLI sign list. I have also added glyph names. The font will be used in the forthcoming proposal for Proto-Elamite, as well as in a code chart, if the script is approved for inclusion in Unicode.

I also compared the original CDLI sign image with its corresponding glyph. I have provided a comment for glyphs whose appearance differs from the original image.

The comparison is shown in the table below. Each sign has been assigned a serial number for ease of reference. The numeric signs are ordered first (#1–#58), followed by the ideographic signs (#59–#1636).

2　Proto-Elamite Signs

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1	1N₁			
2	1N₁@b			
3	1N₁@c			
4	1N₂			
5	1N₈ₐ			
6	1N₈ᵦ			
7	1N₁₄			
8	1N₁₄@b			
9	1N₁₄@c			
10	1N₂₃			defective
11	1N₂₄			
12	1N₂₄@b			
13	1N₂₄@c			
14	1N₃₀c			
15	1N₃₀c@b			
16	1N₃₀c@c			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
17	$1N_{30d}$			
18	$1N_{30d@b}$			
19	$1N_{30d@c}$			
20	$1N_{34}$			
21	$1N_{34@b}$			
22	$1N_{39a}$			
23	$1N_{39b}$			
24	$1N_{39b@b}$			
25	$1N_{39b@c}$			
26	$1N_{39c}$			
27	$1N_{45}$			
28	$1N_{45@b}$			
29	$1N_{46}$			
30	$1N_{48}$			
31	$1N_{51}$			
32	$1N_{51@b}$			
33	$1N_{51@c}$			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
34	$1N_{51g}$			
35	$1N_{54}$			
36	$1N_{54@b}$			
37	$1N_{54g}$			
38	$2N_1$			
39	$2N_{1@b}$			
40	$2N_{14}$			
41	$2N_{30c}$			
42	$2N_{30c@b}$			
43	$3N_1$			
44	$3N_{1@b}$			
45	$3N_{1@c}$			
46	$3N_{14}$			
47	$4N_1$			
48	$4N_{14}$			
49	$5N_1$			
50	$5N_{14}$			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
51	6N₁			
52	6N₁₄			
53	7N₁			
54	7N₁₄			
55	8N₁			
56	8N₁₄			
57	9N₁			
58	9N₁₄			
59	M1			
60	M1-b			
61	M1 + M379-c			
62	M1 + M379-d			
63	M2			
64	M2-b			
65	M2 + M379			
66	M3			
67	M3-b			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
68	M3-b + M379-c			
69	M3-c			
70	M4			
71	M4-x			
72	M5			
73	M5-a			
74	M6			
75	M6@g			
76	M6@g-1			
77	M6@g-2			
78	M6-b			
79	M6-b@g			
80	M7-a			
81	M7-b			
82	M7-c			
83	M7-d			
84	M9			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
85	M9-a			
86	M9-c			
87	M9-d + M346 + M9-d			
88	M9-e			
89	M9-f			
90	M9-g			
91	M9-h			
92	M9-i			
93	M10			
94	M10-1			
95	M10-2			
96	M10-3			
97	M10-4			
98	M10-5			
99	M10-6			
100	M10-7			
101	M11			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
102	M12			
103	M13			
104	M14-a			
105	M14-b			
106	M15			
107	M16			
108	M17			
109	M18			
110	M21			
111	M24			
112	M24-1			
113	M24-a			
114	M25			
115	M25-a			
116	M26-a			
117	M26-b			
118	M26-d			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
119	M26-h			
120	M29			
121	M29-a			
122	M29-b			
123	M29-c			
124	M29-d			
125	M29-e			defective
126	M29-k			
127	M29-l			
128	M29-l + 1N$_{8a}$			
129	M30-a			
130	M30-c			defective
131	M30-g			
132	M32			
133	M32-a			
134	M32-b			
135	M32-d			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
136	M32-e			
137	M33			
138	M33-a			
139	M33-c			
140	M34			
141	M34-a			
142	M35			
143	M36			
144	M36 + 1N$_{14}$			
145	M36 + 1N$_{24}$			
146	M36 + 1N$_{24}$ + M343-h			
147	M36 + 1N$_{30c}$			
148	M36 + 1N$_{30c}$ + 1N$_{39c}$			
149	M36 + 1N$_{30d}$			
150	M36 + 1N$_{30d-1}$			
151	M36 + 1N$_{30d}$ + M343-h			
152	M36 + 1N$_{39b}$			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
153	M36 + 1N$_{39b}$ + M343-h			
154	M36 + 1N$_{39c}$			
155	M36-a			
156	M36 + M10			
157	M36 + M35			
158	M36 + M343-e			
159	M36 + M343-h			
160	M37			
161	M37-a			
162	M38-a			
163	M38-a1			
164	M38-a2			
165	M38-b			
166	M38-b1			
167	M38-b2			
168	M38-c			
169	M38-e			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
170	M38-e1			
171	M38-f			
172	M38-h			
173	M38-i			
174	M39			
175	M39 + 1N$_{30d}$			
176	M39-a			
177	M39-b			
178	M39-c			
179	M39-c1			
180	M39-c + 1N$_{30d}$			
181	M39-ca + 1N$_{30d}$			
182	M39-d			
183	M39-e			
184	M39-f			
185	M39-g			
186	M41			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
187	M41-c			
188	M41-d			
189	M41-e			
190	M41-f			
191	M41-g			
192	M41-j			
193	M43			
194	M43-a			
195	M44			
196	M44-a			
197	M44-b			
198	M44-m			
199	M45-b			
200	M46			
201	M46-1			
202	M46-a			
203	M47			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
204	M48-c			
205	M48-d			
206	M48-e			
207	M48-g			
208	M48-i			
209	M48-k			
210	M49-b			
211	M49-c			
212	M49-c1			
213	M49-d			
214	M49-da			
215	M49-e			
216	M49-m			
217	M49-n			
218	M50-f			
219	M50-k			
220	M50-k1			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
221	M50-k2			
222	M50-k3			
223	M50-k4			
224	M50-m			
225	M50-n			
226	M50-p			
227	M50-q			
228	M51-a			
229	M51-b			
230	M51-c			
231	M52-a			
232	M52-b			
233	M53-a			
234	M53-b			
235	M54			
236	M54-b			
237	M54-c			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
238	M54-i			
239	M54 + M365 + M54-i			
240	M54 + M384-i + M54-i			
241	M54 + M393-f + M54-i			
242	M56			
243	M56-e			
244	M56-f			
245	M56-g			
246	M56-n			
247	M57			
248	M57-a			
249	M57-a1			
250	M57-a2			
251	M57-a4			
252	M57-b			
253	M57-b1			
254	M57-d			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
255	M57-e			
256	M57-f			
257	M57-i			
258	M57 + M291			
259	M57-n			
260	M58			
261	M58-b			
262	M59			
263	M59-a			
264	M59-b			
265	M59-d			
266	M59-f			
267	M59-f1			
268	M59-g			
269	M59 + M38-a			
270	M61			
271	M61-a			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
272	M61-b			
273	M62			
274	M62-b			
275	M63			
276	M63-a			
277	M64			
278	M64-a			
279	M64-d			defective
280	M66			
281	M66-a			
282	M66-a1			
283	M66-a2			
284	M66-g			
285	M66-h			
286	M68-a			
287	M68-b			
288	M68-c			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
289	M69-a			
290	M69-ab			
291	M69-ad			
292	M69-b			
293	M69-g			
294	M71-a			
295	M71-d			
296	M72			
297	M72-a			
298	M73-a			
299	M73-b			
300	M73-b1			
301	M73-c			
302	M73-d			
303	M74-a			
304	M74-b			defective
305	M74-d			defective

#	Sign	CDLI Image	Font Glyph	Glyph Issue
306	M74-f			
307	M74-g			
308	M75-a			
309	M75-ab			
310	M75-e			
311	M75-ff			
312	M75-g			
313	M75-ga			defective
314	M75-h			
315	M75-k			
316	M75-m			
317	M75-o			
318	M75-o1			
319	M75-o2			
320	M75-r			
321	M75-s			
322	M76-a			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
323	M76-c			defective
324	M76-d			defective
325	M76-e			
326	M77			
327	M80-a			
328	M80-b			
329	M80-c			
330	M80-ca			defective
331	M80-d			
332	M80-f			
333	M81			
334	M81-1			
335	M84			
336	M85			
337	M86			
338	M87			
339	M87-b			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
340	M88			
341	M89			
342	M90			
343	M91-a			
344	M92			
345	M93			
346	M93-a			
347	M94-e			
348	M94-i			
349	M96			
350	M96-1			
351	M96-2			
352	M96-3			
353	M96-c			
354	M96-d			
355	M96 + M29			
356	M96 + M139			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
357	M97-f			
358	M97-h			
359	M98			
360	M99			
361	M99-a			
362	M99-b			
363	M101			
364	M101-b			
365	M102-a			
366	M102-c			
367	M102-d			
368	M102-d1			
369	M102-da			
370	M102-e			
371	M102-e2			defective
372	M102-k			
373	M102-k1			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
374	M102-k2			
375	M102-l			
376	M102-m			
377	M103			
378	M103-1			
379	M103-2			
380	M103-3			
381	M103-d			
382	M104			
383	M105			
384	M105-a			
385	M105-ab			
386	M105-b			
387	M105-e			
388	M105-g			
389	M106			
390	M106-1			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
391	M106-a			
392	M106-b			
393	M106 + M96-c			
394	M106 + M288			
395	M106 + M288-1			
396	M107-a			
397	M109			
398	M110			
399	M110-a			
400	M110-b			
401	M110-c			
402	M111			
403	M111-a			
404	M111-b			
405	M111-c			
406	M111-d			
407	M111-e			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
408	M111-f			
409	M111-j1			
410	M111-j2			
411	M111-m			
412	M111-n			
413	M111-o			
414	M111-o1			
415	M111-g			
416	M111-h			
417	M111-i			
418	M111-l			
419	M111-p			
420	M112			
421	M112-1			
422	M112-a			
423	M112-aa			
424	M112-b			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
425	M112-c			
426	M112-d			
427	M112-e			
428	M112-e1			
429	M112-f			
430	M112-i			
431	M112-n			
432	M112-o			
433	M112-p			
434	M112-q			
435	M112-r			
436	M114			
437	M115			
438	M115-a			
439	M115-b			
440	M117			
441	M120			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
442	M122			
443	M122-1			
444	M122-2			
445	M122-3			
446	M122-4			
447	M122-5			
448	M122~6			
449	M123-b			
450	M123-ca			
451	M123-d			
452	M124			
453	M124-a			
454	M124-b			
455	M124-c			
456	M125			
457	M125-a			
458	M125-b			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
459	M126			
460	M127 + M127			
461	M128			
462	M128-1			
463	M128-ca			
464	M128-d			
465	M128-da			
466	M128-da1			
467	M128-db			
468	M128-dc			
469	M128-dd			
470	M128-de			
471	M128-e			
472	M128-ef			
473	M129			
474	M129-b			
475	M130-b			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
476	M131			
477	M131-a			
478	M131-d			
479	M131-e			
480	M131-f			
481	M131-g			
482	M131-h			
483	M131-ia			
484	M131-k			
485	M131-k1			
486	M131 + M388			
487	M134			
488	M134-a			
489	M134-b			
490	M134-ba			
491	M134-c			
492	M134-d			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
493	M134-e			
494	M134-f			
495	M134-g			
496	M135			
497	M136			
498	M136-a			
499	M136-b			
500	M136-c			
501	M136-d			
502	M136-e			
503	M136-f			
504	M136-g			
505	M136-h			
506	M136-i			
507	M136-j			
508	M136-k			
509	M136-l			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
510	M136-m			
511	M136 + M71-a			
512	M136 + M353			
513	M136 + M365			
514	M136 + M387			
515	M136 + Mxxx			
516	M136-n			
517	M136-o			
518	M136-p			
519	M136-q			
520	M136-r			
521	M136-s			
522	M136-t			
523	M136-u			
524	M136-w			
525	M139			
526	M139-a1			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
527	M139-a2			
528	M140-a			
529	M141			
530	M141-a			
531	M141-b			
532	M142			
533	M143			
534	M143-a			
535	M143-d			
536	M144			
537	M144-a			
538	M145			
539	M145-a			
540	M145-b			
541	M145-bb			
542	M145-c			
543	M145-d			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
544	M145-e			
545	M145-f			
546	M145-n			
547	M146			
548	M146-0			
549	M146-1			
550	M146-2			
551	M146-3			
552	M146-4			
553	M146-d			
554	M146-e			
555	M146-f			
556	M147			
557	M147-a			
558	M147-b			
559	M147-d			
560	M147-e			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
561	M149-a			
562	M149-a1			
563	M149-a2			
564	M149-a3			
565	M149-c			
566	M149-d			
567	M149-g			
568	M149-h			
569	M150			
570	M150-a			
571	M151			
572	M151-a			
573	M151-b			
574	M151-c			
575	M151-d			
576	M151-e			
577	M151-f			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
578	M152			
579	M152-d			
580	M152-e			
581	M152-f			
582	M152-g			
583	M153			
584	M153 + M6-a			
585	M153 + M29			
586	M153 + M106			
587	M153 + M106-a			defective
588	M153 + M205-c			defective
589	M153 + M320 + M153			
590	M153 + M342			
591	M153 + M377-e + M153			defective
592	M154-b			
593	M154-s			
594	M155			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
595	M155-f			
596	M156			
597	M157			
598	M157-a			
599	M157-a + M66			
600	M157-a + M80-c			
601	M157-a + M131			
602	M157-a + M131-a			
603	M157-a + M131-d			
604	M157-a + M342			
605	M157-a + M348			
606	M157-a + M367			
607	M157 + M29			
608	M157 + M57			
609	M157 + M59			
610	M157 + M80-c			
611	M157 + M111-f			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
612	M157 + M111-i			
613	M157 + M131			
614	M157 + M131-d			
615	M157 + M136			
616	M157 + M153			defective
617	M157 + M288			
618	M157 + M340			
619	M157 + M348			
620	M157 + M377-e + M377-e			defective
621	M157 + M381			
622	M158			
623	M158-b			
624	M158-c			
625	M158-d			
626	M158-e			
627	M158-h			
628	M159			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
629	M165			
630	M167-a			
631	M167-a + M131-k			
632	M172			
633	M173			
634	M175			
635	M175-b			
636	M175 + M38-a			
637	M175 + M131			
638	M175 + M131-d			
639	M175 + M136			
640	M175 + M136-n			
641	M175 + M153			
642	M175 + M157			
643	M175 + M175			
644	M175 + M203-a			
645	M175 + M286			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
646	M175 + M288			
647	M175 + M325-d			
648	M175 + M376			
649	M175 + M377 + M377			defective
650	M175 + M380			
651	M175 + M381			
652	M175 + M387-c			
653	M175 + M388			
654	M176			
655	M176-b			
656	M177			
657	M177-a			
658	M180			
659	M180-a			
660	M180-b			
661	M180-c			
662	M184-b			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
663	M184-e			
664	M188-e			
665	M188-f			
666	M188-g			
667	M193			
668	M193-a			
669	M193-aa			
670	M193-ca			
671	M193-e			
672	M193-f			
673	M193-g			
674	M193-m			
675	M195			
676	M195-a			
677	M195-b			
678	M195-c			
679	M195-c1			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
680	M195-m			
681	M195 + M38			
682	M195 + M38-a			
683	M195 + M57			
684	M195 + M57-a4			
685	M197			
686	M200			
687	M200-1			
688	M200-a			
689	M201			
690	M201 + M377			defective
691	M201 + M377 + M377			defective
692	M203-a			
693	M203-c			
694	M203-d			
695	M203-e			
696	M204-g			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
697	M205			
698	M205-a			
699	M205-b			
700	M205-c			
701	M205-d			
702	M205-g			
703	M206-b			
704	M206-d			
705	M206-d1			
706	M206-f			
707	M206-fa			
708	M206-g			
709	M206-g1			
710	M206-g2			
711	M206-i			
712	M206-j			
713	M207			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
714	M207-a			
715	M207-b			
716	M207-c			
717	M207-d			
718	M207-e			
719	M207-f			
720	M207-h			
721	M207-m			
722	M207-ma			
723	M207-n			
724	M208			
725	M209-a			
726	M209-b			
727	M209-c			
728	M209-d			
729	M209-d1			
730	M210			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
731	M210-a			
732	M210-b			
733	M210-ba			
734	M210-c			
735	M210-d			
736	M210-e			
737	M210-f			
738	M210-g			
739	M210-h			
740	M210-m			
741	M210-ma			
742	M213			
743	M213-b			
744	M214-a			
745	M214-b			
746	M214-c			
747	M214-d			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
748	M214-e			
749	M214-h			
750	M214-i			
751	M215			
752	M217			
753	M217-a			
754	M217-e			
755	M217-ea			
756	M217-f			
757	M217-h			
758	M217-j			
759	M217-m			
760	M217 + M124			
761	M217 + M388			
762	M217-n			
763	M218			
764	M218-1			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
765	M218-1 + M288			
766	M218-b			
767	M218-c			
768	M218-d + M288			
769	M218-g			
770	M218 + M99			
771	M218 + M101			
772	M218 + M218			
773	M218 + M288			
774	M218 + M288-f			
775	M218 + M320			
776	M218 + M388			
777	M219			
778	M219-1			
779	M219-f			
780	M219-s			
781	M220			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
782	M220-m			
783	M220-n			
784	M221			
785	M221-c			
786	M221-e			
787	M221-f			
788	M222			
789	M222-e			
790	M223			
791	M223-a			
792	M223-b			
793	M223-c			
794	M223-d			
795	M224			
796	M224-a			
797	M224-b			
798	M224-c			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
799	M226-c			
800	M226-ca			
801	M226-e			
802	M227			
803	M228			
804	M228-b			
805	M228-b + M101			
806	M228-b + M320			
807	M228-d			
808	M228-g			
809	M228-ga			
810	M228-gb			defective
811	M228 + M101			
812	M228 + M288			
813	M228 + M320			
814	M229-e			
815	M230			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
816	M230-a			
817	M240			
818	M240-a			
819	M240-b			
820	M240-c			
821	M240-d			
822	M240-d1			
823	M240-e			
824	M241			
825	M241-a			
826	M241-b			
827	M242			
828	M242-ab			
829	M242-b			
830	M242-d			
831	M242-da			
832	M242-e			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
833	M242-f			
834	M242-k			
835	M242-n			
836	M243			
837	M243-aa			
838	M243-ac			
839	M243-b			
840	M243-c			
841	M243-e			
842	M243-ee			
843	M243-ef			
844	M243-f			
845	M243-g			
846	M243-h			
847	M243-i			
848	M243-j			
849	M243-n			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
850	M244			
851	M246			
852	M246-a			
853	M246-b			
854	M246-c			
855	M246-ca			
856	M246-e			
857	M246-f			
858	M246-g			
859	M246-h			
860	M246-m			
861	M246-o			
862	M246-s			
863	M247			
864	M247-a			
865	M247-b			
866	M247-c			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
867	M247-d			
868	M247-e			
869	M247-f			
870	M247-g			
871	M247-m			
872	M247-n			
873	M248			
874	M248-a			
875	M248-b			
876	M248-c			
877	M248-ca			
878	M248-d			
879	M248-e			defective
880	M248-f			
881	M248-g			
882	M249			
883	M249-c			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
884	M249-f			
885	M249-g			
886	M249-h			
887	M249-m			
888	M249-n			
889	M249-n1			
890	M249-p			
891	M250-a			
892	M250-ba			defective
893	M250-m			defective
894	M250-n			
895	M250-na			
896	M250-p			
897	M250-r			
898	M251			
899	M251-c			
900	M251-c2			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
901	M251-c3			
902	M251-e			
903	M251-g			
904	M251-h			
905	M251-i			
906	M251-m			
907	M252			
908	M252-a			defective
909	M252-h			
910	M252-i			defective
911	M252-l			defective
912	M252-q			
913	M252-qa			
914	M252-r			
915	M252-t			
916	M253			
917	M254			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
918	M254-a			
919	M254-b			
920	M254-c			
921	M254-d			
922	M254-e			
923	M254-f			
924	M254-g			
925	M254-h			
926	M255			
927	M255-b			
928	M256-b			
929	M256-c			
930	M256-d			
931	M257-d			
932	M259			
933	M259-1			
934	M259-2			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
935	M259-3			
936	M260			
937	M260-1			
938	M260 + 1N$_{14}$			
939	M260 + 1N$_{24}$			
940	M260 + 1N$_{30c}$			
941	M260-1 + 1N$_{24}$			
942	M260-1 + M313-a			
943	M260-2 + 1N$_{24}$			
944	M260-3			
945	M260-a			
946	M260-a + M237			
947	M260-b			
948	M260 + M266-a			
949	M260 + M312			
950	M261-a			
951	M261-a1			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
952	M261-b			
953	M261-b1			
954	M261-c			
955	M261-d			
956	M261-d1			
957	M262			
958	M262-1			
959	M262-a			
960	M262-b			
961	M262-ba			
962	M263			
963	M263-1			
964	M263-a			
965	M263-a1			
966	M263-b			
967	M263-b1			
968	M263-e			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
969	M263-f			
970	M263-g			
971	M263-h			
972	M264-a			
973	M264-a1			
974	M264-a + 1N$_{24}$			defective
975	M264-b			
976	M264-c			
977	M264-d			
978	M264-d1			
979	M264-n			
980	M265			
981	M265-1			
982	M265-2			
983	M265-e			
984	M265-f			
985	M265-f1			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
986	M265-f2			
987	M265-f3			
988	M265-i			
989	M265-k			
990	M265-l			
991	M266-a			
992	M266-b			
993	M266-f			
994	M267-f			
995	M267-g			
996	M267-h			
997	M267-ha			defective
998	M267-hb			
999	M268-b			
1000	M268-c			
1001	M268-d			
1002	M268-m			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1003	M269			
1004	M269-1			
1005	M269-2			
1006	M269-3			
1007	M269-4			
1008	M269-a			
1009	M269-a1			
1010	M269-a2			
1011	M269-a3			
1012	M269-b			
1013	M269-c			
1014	M269-j1			
1015	M269-j2			
1016	M270			
1017	M270-c			
1018	M270-d			
1019	M270-e			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1020	M270-m			
1021	M270-n			
1022	M271-ca			
1023	M271-g			
1024	M271-m			
1025	M272			
1026	M276-a			
1027	M276-d			
1028	M276-f			
1029	M277			
1030	M277-e			
1031	M277-g			
1032	M277-h			
1033	M277-ha			
1034	M278			
1035	M278-ab			
1036	M278-b			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1037	M278-c			
1038	M278-d			
1039	M278-da			
1040	M278-e			
1041	M278-f			
1042	M278-g			
1043	M278-h			
1044	M278-j			
1045	M278 + M124			
1046	M280-g			
1047	M281-a			
1048	M281-c			
1049	M281-d			
1050	M281-e			
1051	M281-f			
1052	M281-g			defective
1053	M282			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1054	M283			
1055	M283-a			
1056	M283-j			
1057	M284			
1058	M284-e			
1059	M284-k			
1060	M284-m			
1061	M285			
1062	M285-b			
1063	M285-ba			
1064	M285-c			defective
1065	M285-ca			
1066	M285-d			defective
1067	M285-k			
1068	M285-m			
1069	M285-s			
1070	M286			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1071	M286-a			
1072	M286-b			defective
1073	M287-c			
1074	M288			
1075	M288 + 1N$_1$			
1076	M288 + 1N$_{39b}$			
1077	M288-a			
1078	M288-b			
1079	M288-c			
1080	M288-d			
1081	M288-e			
1082	M288-f			
1083	M288-g			defective
1084	M288-h			defective
1085	M288-i			
1086	M288 + M376			defective
1087	M289			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1088	M289-a			
1089	M289-b			
1090	M289-d			
1091	M290			
1092	M290-a			
1093	M290-c			
1094	M290-d			
1095	M290-h			
1096	M291			
1097	M291-a			
1098	M291-f			
1099	M292			
1100	M292-a			
1101	M292-c			
1102	M292-d			
1103	M292-e			
1104	M292-f			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1105	M292-h			
1106	M292-i			
1107	M293			
1108	M293-a			
1109	M293-b			
1110	M293-c			
1111	M293-d			
1112	M294-a			
1113	M295			
1114	M295-a			
1115	M295-b			
1116	M295-c			defective
1117	M295-ca			
1118	M295-cb			defective
1119	M295-d			
1120	M295-da			
1121	M295-e			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1122	M295-ee			
1123	M295-ef			
1124	M295-f			
1125	M295-h			
1126	M295-i			
1127	M295-k			
1128	M295-k1			
1129	M295-ka			
1130	M295-l			
1131	M295-la			
1132	M295-o			
1133	M295-p			
1134	M295-q			
1135	M295-s			defective
1136	M295-u			
1137	M295-w			
1138	M295-wa			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1139	M295-y			
1140	M295-z			
1141	M296			
1142	M296-c			
1143	M296-d			
1144	M296 + M296			
1145	M297			
1146	M297-a			
1147	M297-b			
1148	M297-bc			
1149	M297-b + M388			
1150	M297-c1			
1151	M297-c2			
1152	M297-d			
1153	M297 + M296			
1154	M298			
1155	M298-a			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1156	M299			
1157	M301			
1158	M301-a			
1159	M301-aa			
1160	M301-b			
1161	M301-e			
1162	M301-ea			
1163	M301-eb			
1164	M301-g			
1165	M302			
1166	M302-a			
1167	M302-b			
1168	M302-ba			
1169	M302-c			
1170	M302-ca			
1171	M302-e			
1172	M302-f			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1173	M302-i			
1174	M302-j			
1175	M302-k			
1176	M302-o			
1177	M302-p			defective
1178	M302-s			
1179	M302-t			
1180	M304			
1181	M304-a			
1182	M304-b			
1183	M304 + M41-g			
1184	M304 + M304			
1185	M304 + M342			
1186	M305			
1187	M305-b			
1188	M305-c			
1189	M305-f			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1190	M305-g			
1191	M305-h			
1192	M305-i			
1193	M305 + M9			
1194	M305 + M29-a			
1195	M305 + M38-a			
1196	M305 + M41-e			
1197	M305 + M75-a			
1198	M305 + M111-c			defective
1199	M305 + M136			
1200	M305 + M153			
1201	M305 + M157			
1202	M305 + M180			
1203	M305 + M209-a			
1204	M305 + M214-a			defective
1205	M305 + M288			
1206	M305 + M320			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1207	M305 + M324-c			
1208	M305 + M332~d			
1209	M305 + M342			
1210	M305 + M365			
1211	M305 + M387-c			
1212	M308-e			
1213	M308-f			
1214	M309			
1215	M309-a			
1216	M309-a1			
1217	M309-b			
1218	M309-d			
1219	M310			
1220	M310-1			
1221	M311			
1222	M311-b			
1223	M311-g			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1224	M312			
1225	M312-a			
1226	M312-c			
1227	M312-f			
1228	M313-a			
1229	M313-b			
1230	M313-b1			
1231	M313-f			
1232	M314			
1233	M314-c			
1234	M314-e			
1235	M314-f			
1236	M314-g			
1237	M315			
1238	M315-a			
1239	M316			
1240	M316-1			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1241	M316-2			
1242	M316-3			
1243	M316-4			
1244	M316-a			defective
1245	M316-e			
1246	M316-k			
1247	M316-l			
1248	M317			
1249	M317-1			
1250	M317-a			
1251	M317-b			
1252	M317-b2			
1253	M317-d			
1254	M317-e			
1255	M317-g			
1256	M317-m			
1257	M317 + M265-b			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1258	M318			
1259	M318-a			
1260	M318-a1			
1261	M318-a2			
1262	M318-a3			
1263	M318-c			
1264	M318-e			
1265	M318-g			
1266	M318-h			
1267	M318-n			
1268	M319			
1269	M319-a			
1270	M319-c			
1271	M320			
1272	M320-b			
1273	M320-c			
1274	M320-f			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1275	M320-m			defective
1276	M320-n			
1277	M321			
1278	M321-b			
1279	M321-c			
1280	M321-d			defective
1281	M321-f			
1282	M321-fa			
1283	M321-h			
1284	M321-ha			
1285	M321-hb			
1286	M321-j			defective
1287	M323			defective
1288	M323-1			
1289	M323-a			
1290	M323-c			
1291	M323-g			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1292	M323-i			
1293	M324			
1294	M324-a			
1295	M324-c			
1296	M324-d			
1297	M324-e			
1298	M324-f			
1299	M325			
1300	M325-a			
1301	M325-d			
1302	M325-e			
1303	M325-g			
1304	M325-h			
1305	M326-a			
1306	M327			
1307	M327-ag			
1308	M327-d			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1309	M327 + M44			
1310	M327 + M57			
1311	M327 + M59			
1312	M327 + M74-a			
1313	M327 + M320			
1314	M327 + M342			
1315	M327 + M348			
1316	M327 + M365			
1317	M327 + M367			
1318	M327-n			
1319	M327-p			
1320	M328-b			
1321	M328-c			
1322	M329			
1323	M330-d			
1324	M332-a			
1325	M332-c			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1326	M332-d			
1327	M332-e			
1328	M332-f			
1329	M332-g			
1330	M340			
1331	M341-q			
1332	M342			
1333	M342-1			
1334	M343			
1335	M343-d			
1336	M343-e			
1337	M343-h			
1338	M343-h + M353			
1339	M343-h + M354			
1340	M344			
1341	M344-d			
1342	M346			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1343	M346-1			
1344	M346-a			
1345	M346-a1			
1346	M346-a2			
1347	M346-a3			
1348	M346-a4			
1349	M346-b			
1350	M346-c			
1351	M346-d			
1352	M347			
1353	M348			
1354	M348-b			
1355	M348 + M4			
1356	M348 + M346			
1357	M349			
1358	M351			
1359	M351 + 1N$_{14}$			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1360	M351 + 3N$_1$			
1361	M351-c			
1362	M351-d			
1363	M351-m			
1364	M351 + M342			
1365	M351 + M380-b			
1366	M352-a			
1367	M352-b			
1368	M352-c			
1369	M352-e			
1370	M352-h			
1371	M352-n			
1372	M352-n2			
1373	M352-o			
1374	M352-r			
1375	M352-s			
1376	M353			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1377	M354			
1378	M356			
1379	M356-b			
1380	M357			
1381	M358			
1382	M358-a			
1383	M358-b			
1384	M358-f			
1385	M359			
1386	M360-b			
1387	M361-a			
1388	M361-b			defective
1389	M361-c			
1390	M361-d			
1391	M362			
1392	M362-a			
1393	M362-b			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1394	M362-gc			
1395	M362 + M5			
1396	M362 + M24-c			
1397	M362 + M26-h			
1398	M362 + M41-e			
1399	M362 + M59			
1400	M362 + M59-d			
1401	M362 + M99-b			
1402	M362 + M123-b			
1403	M362 + M158			
1404	M362 + M207-n			
1405	M362 + M244			
1406	M362 + M247-g			
1407	M362 + M312-a			defective
1408	M362 + M317#			
1409	M362 + M365			
1410	M362 + M367			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1411	M362 + M383-c			
1412	M362 + M384-a			
1413	M363-b			defective
1414	M365			
1415	M365-a			
1416	M365-c			
1417	M365-d			
1418	M365-g			
1419	M367			
1420	M367-a			
1421	M367-a1			
1422	M367-a2			
1423	M367-b			
1424	M367-c			
1425	M367-d			
1426	M367-e			
1427	M367-f			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1428	M367-g			
1429	M367-i			
1430	M368-a			
1431	M368-b			
1432	M368-c			
1433	M369			
1434	M369-a			
1435	M369-b			
1436	M370			
1437	M370-b			
1438	M370-b + M46			
1439	M370-b + M72			
1440	M370-b + M388			
1441	M370-c			
1442	M370-d			
1443	M370-da			
1444	M370-k			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1445	M370-m			
1446	M370 + M46 + M370			
1447	M370 + M72 + M370			
1448	M370 + M386 + M370			
1449	M370 + M388 + M370			
1450	M371			
1451	M371-a			
1452	M371-b			
1453	M371-c			
1454	M371-d			
1455	M371-e			defective
1456	M372			
1457	M372-a			
1458	M372-m			
1459	M373			
1460	M373-a			
1461	M374-a			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1462	M374-c			
1463	M375			
1464	M375-a			
1465	M375-b			
1466	M375-d			
1467	M375-e			
1468	M375-i			
1469	M375-n			
1470	M376			
1471	M376-a			
1472	M376-b			
1473	M377			defective
1474	M377-e			defective
1475	M377-e + M320 + M377-e			defective
1476	M377-e + M377-e			defective
1477	M377-g			defective
1478	M377 + M320 + M377			defective

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1479	M377 + M377			defective
1480	M377 + M377-g + M377			defective
1481	M377 + M383 + M377			defective
1482	M378			
1483	M379			
1484	M379-c			
1485	M379-d			
1486	M379-e			defective
1487	M379-g			
1488	M380			
1489	M380-b			
1490	M380-c			
1491	M381			
1492	M381-e			
1493	M382			
1494	M382-a			
1495	M382-b			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1496	M382-c			
1497	M382-d			
1498	M382-e			
1499	M382-f			
1500	M382-g			
1501	M383			
1502	M383-a			
1503	M383-b			
1504	M383-c			
1505	M383-d			
1506	M383-e			
1507	M383-e1			
1508	M383-h			
1509	M383-j			
1510	M383-k			
1511	M383-m			
1512	M383-n			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1513	M384			
1514	M384-a			
1515	M384-ab			
1516	M384-b			
1517	M384-c			
1518	M384-d			
1519	M384-d1			
1520	M384-d2			
1521	M384-e			
1522	M384-f			
1523	M384-h			
1524	M384-i			
1525	M385			
1526	M385-a			
1527	M385-c			
1528	M385-f			
1529	M386			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1530	M386-a			
1531	M386-d			
1532	M386-da			
1533	M386 + M111-j			
1534	M386-q			
1535	M387			
1536	M387-a			
1537	M387-b			
1538	M387-c			
1539	M387-ca			
1540	M387-ca + M340 + M387-ca			
1541	M387-ee			
1542	M387-ee1			
1543	M387-ef			
1544	M387-ef1			
1545	M387-eg			
1546	M387-eh			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1547	M387-fa			
1548	M387-h			
1549	M387-ha			
1550	M387-hb			
1551	M387-i			defective
1552	M387-j			
1553	M387-l			
1554	M387-l1			
1555	M387-o			
1556	M388			
1557	M388-c			
1558	M390			
1559	M390 + 1N$_{14}$			
1560	M391			
1561	M393-a			
1562	M393-b			
1563	M393-e			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1564	M393-f			
1565	M393-fa			
1566	M401			
1567	M402			
1568	M410			
1569	M411			
1570	M412			
1571	M417-d			
1572	M417-e			
1573	M417-f			
1574	M417-g			
1575	M417-h			
1576	M418-a			defective
1577	M418-b			defective
1578	M418-c			defective
1579	M419			
1580	M419-a			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1581	M419-b			
1582	M420			
1583	M421			
1584	M424			
1585	M431			
1586	M432			
1587	M433			defective
1588	M438			
1589	M441			
1590	M444			
1591	M445			
1592	M446			
1593	M447			
1594	M447-b			
1595	M447-c			
1596	M447-d			
1597	M448			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1598	M449			
1599	M450			
1600	M452			
1601	M453			
1602	M454			
1603	M455			
1604	M458			
1605	M461			
1606	M461-b			
1607	M461-q			
1608	M462			
1609	M465			
1610	M466			
1611	M467			
1612	M468			
1613	M469			
1614	M470			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1615	M471			
1616	M471-b			
1617	M479			
1618	M480			
1619	M482			
1620	M483			
1621	M483-b			
1622	M483-c			
1623	M486			
1624	M489			
1625	M490			
1626	M491			
1627	M492			
1628	M495			
1629	M496			
1630	M497			
1631	M500			

#	Sign	CDLI Image	Font Glyph	Glyph Issue
1632	M501			
1633	M503			
1634	M504			
1635	M505			
1636	M506			