IRGN2481 Proposal to add new UCV rules

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Introduction

The document proposes a number of additions to the Unifiable Component Variations (UCV) list to better handle historical variants.

Methodology

Characters which appeared in multiple Ideographic Description Sequences (IDS) were selected for analysis. The IDS used is hosted at https://github.com/hfhchan/ids. A list of variants for each character were extracted from various sources, including the online MOE Variants Dictionary version 6 (《教育部異體字字典》(正式六版)) and other reference materials. Tables of the variant characters linked to the canonical forms were generated manually based on the extracted data.

Item 1
Unify the following shapes:

鹿麁

Item 2
Unify the following shapes:

辰厇辰厎

Item 3
Unify the following shapes:

枼某枀枼某枼某枀枀枀枀

Item 4
Unify the following shapes:

氏氐氒互乭五乭
乭互乭玄

An additional requirement that the character should be etymologically related to 氏 should be added, as characters with the shape of 乭, 互, 乭 and 玄 may use 互 as its phonetic component instead of 氏. Please also refer to the document *IRGN2474 Feedback: Proposal to update IRG PnP for Non-cognate and UCV handling*.

Item 5a
Unify the following shapes:

㒼㒼㒼甫㒼莆㒼㒼莆㒼

Item 5b

Unify the following shapes:

滿滿滿滿萳
滿滿滿
潣滿滿滿潣潣萳
浦滿潣潣滿蒲

Item 6

Unify the following shapes:

詹詹詹詹唁唁詹詹
詹詹唁
詹詹詹
詹詹詹唁

Item 7

Unify the following shapes:

奐奐奐奐奐奐
奐奐奐奐

Item 8

Unify the following shapes:

并并弁

Item 9a

Unify the following shapes:

雚雚雚雚
雚雚雚
雚雚雚雚

Item 9b

Unify the following shapes:

雚雚雚

Data for Item 1

鹿麁

Here is a list of variants which use the 麁 shape and have identical semantics with another glyph using the "鹿" shape. 4 out of 20 glyphs are coded, all in Extension B.

Variant	Edu Code	Codepoint	Related Character	Codepoint
麆	A04752-001	U+22256	麎	U+9E7F
攄	B01390-003	(not encoded)	攄	U+645D
櫖	C05340-001	(not encoded)	櫚	U+6A1A
瀘	B02235-001	(not encoded)	瀘	U+6F09
爐	C06818-001	(not encoded)	爐	U+719D
蘆	B04367-001	U+27433	蘆	U+87B0
蹮	B04946-001	U+2812D	蹮	U+8E57
轤	B05039-005	(not encoded)	轤	U+8F46
鑢	A04343-003	(not encoded)	鑢	U+93D5
礹	C08850-001	(not encoded)	䃙	U+40D9
麈	A00804-027	(not encoded)	塵	U+5875
廘	B00978-001	(not encoded)	廘	U+5ED8
簏	B03250-002	(not encoded)	簏	U+7C0F
麤	B06230-007	(not encoded)	麁	U+9E81
蔍	B04018-001	(not encoded)	麗	U+850D
郿	B05183-003	U+28767	郿	U+911C
鑒	A04343-002	(not encoded)	鑒	U+93D6

Variant	Edu Code	Codepoint	Related Character	Codepoint
麿	B06213-003	(not encoded)	麛	U+2A29B
觐	A04753-005	(not encoded)	觋	U+2A28B
麂	A04753-003	(not encoded)	麂	U+9E82

(Total 20 glyphs)

Data for Item 2

辰辰辰辰

At least 100 characters containing the "辰" component were found in IDS. Due to time constraints only 50 characters were checked.

Here is a non-exhaustive list of variants which use the "辰" shape and have identical semantics with another glyph using the "辰" shape. 3 out of 52 characters are coded: 2 in Extension B and 1 in Extension F.

Variant	Edu Code	Codepoint	Related Character	Codepoint
辰	A04109-005	U+2E77E*	辰	U+8FB0
宸	A01031-005	(not encoded)	宸	U+5BB8
辱	A04110-003-1	(not encoded)	辱	U+8FB1
慐	A04110-003-3	(not encoded)	慐	U+227F2
辱	A04110-003-2	(not encoded)	辱	U+226DA
愳	A04110-003-4	(not encoded)	愳	U+227F9
娠	A00933-004	(not encoded)	娠	U+5A20
蓐	B03992-005	(not encoded)	蓐	U+26E33
蓐	B03992-003	(not encoded)	蓐	U+84D0
敐	C04595-002	(not encoded)	敐	U+6550
敐	C04595-001	(not encoded)	敐	(not encoded)
欣	C05681-001	(not encoded)	欣	U+3C2E
殷	C05909-001	(not encoded)	殷	U+3C80
郎	C14572-001	(not encoded)	郎	U+48C5
脣	A03333-009	(not encoded)	脣	U+8123
顑	C16139-002	(not encoded)	顑	U+4AC3

Variant	Edu Code	Codepoint	Related Character	Codepoint
戚	C04051-001	(not encoded)	戚	U+229BF
鷟	C17696-002	(not encoded)	鷟	U+4CF2
鶪	C17599-001	(not encoded)	鶪	U+2A067
雦	B06162-004	(not encoded)	雦	U+2902D
鸎	B06162-003	(not encoded)	鸎	U+9DD0
帳	C03100-001	(not encoded)	帳	U+5E2A
振	A01574-005	(not encoded)	振	U+632F
栵	B01701-003	(not encoded)	栵	U+686D
派	B02240-004	(not encoded)	派	U+6D71
潲	B02240-003	(not encoded)	潲	U+6F18
裖	B03058-003	(not encoded)	裖	U+7973
蜃	A03647-010	(not encoded)	蜃	U+8703
蟲	A03647-009	(not encoded)	蟲	U+2748F
鼀	A03647-011	(not encoded)	鼀	U+2A4E7
蜄	B04267-002	(not encoded)	蜄	U+8704
裖	B04506-001	(not encoded)	裖	U+88D6
輾	B05059-001	(not encoded)	輾	U+8FB4
鋠	C14941-001	(not encoded)	鋠	U+92E0
陙	C15418-002	(not encoded)	陙	U+9659
唇	C01159-001	(not encoded)	唇	U+3598

Variant	Edu Code	Codepoint	Related Character	Codepoint
唇	B00330-002	U+20D67*	唇	U+5507
眹	C08336-001	(not encoded)	眹	U+403C
踬	C13944-001	(not encoded)	踬	U+47F4
緮	C10275-002	U+2605F*	緮	U+26044
伥	B00074-001	(not encoded)	伥	U+4FB2
屐	C02650-001	(not encoded)	辰	U+5C52
脈	B03656-001	(not encoded)	脈	U+8124
賑	A03959-002	(not encoded)	賑	U+8CD1
唇	A01803-009	(not encoded)	唇	U+3AF3
晨	A01803-008	(not encoded)	晨	U+66DF
薹	C14349-001	(not encoded)	薹	U+4888
晨	A01803-005	(not encoded)	晨	U+6668
農	A04111-011	(not encoded)	農	U+8FB2
徽	A04111-051	(not encoded)	徽	U+225A2
襛	A04111-030	(not encoded)	農	U+8FB2
莀	C11531-001	(not encoded)	莀	U+8380

(Total 52 glyphs)

Here is a non-exhaustive list of variants which use the "辰" shape and have identical semantics with another glyph using the "辰" shape.

Variant	Edu Code	Codepoint	Related Character	Codepoint
娠	A00933-003	(not encoded)	娠	U+5A20
蓐	B03992-002	(not encoded)	蓐	U+84D0

Variant	Edu Code	Codepoint	Related Character	Codepoint
振	A01574-015	(not encoded)	振	U+632F
蜃	A03647-008	(not encoded)	蜃	U+8703
蠹	A03647-007	(not encoded)	蠏	U+2748F
蜄	B04267-001	(not encoded)	蜄	U+8704
脤	B03656-002	(not encoded)	脤	U+8124
賑	A03959-005	(not encoded)	賑	U+8CD1
蜄	A03647-006	(not encoded)	蜄	U+8704
曟	A01803-006	(not encoded)	曟	U+66DF

(Total 10 glyphs)

Here is a non-exhaustive list of variants which use the "辰" shape and have identical semantics with another glyph using the "辰" shape. 2 out of 22 characters are coded, 1 in Extension D while 2 in Extension F.

Variant	Edu Code	Codepoint	Related Character	Codepoint
辰	A04109-006	U+2B755*	辰	U+8FB0
宸	A01031-001	(not encoded)	宸	U+5BB8
窚	C09315-002	(not encoded)	窚	U+41A3
辱	A04110-004	U+2D531*	辱	U+8FB1
肙	A03333-013	(not encoded)	肙	U+8123
顧	C16139-001	(not encoded)	顧	U+4AC3
鶢	C17599-002	(not encoded)	鶢	U+2A067
鷩	B06162-002	(not encoded)	鷩	U+9DD0
帳	C03100-002	(not encoded)	帳	U+5E2A

Variant	Edu Code	Codepoint	Related Character	Codepoint
振	A01574-003	(not encoded)	振	U+632F
栻	B01701-002	(not encoded)	栻	U+686D
蟁	A03647-015	(not encoded)	蟁	U+F544A
鼀	A03647-016	(not encoded)	鼀	U+2A4E7
陙	C15418-001	(not encoded)	陙	U+9659
唇	B00330-001	(not encoded)	唇	U+5507
緃	C10275-001	(not encoded)	緃	U+26044
賑	A03959-001	(not encoded)	賑	U+8CD1
娠	A00933-005	(not encoded)	娠	U+5A20
曟	A01803-011	(not encoded)	曟	U+66DF
晨	A01803-003	(not encoded)	晨	U+6668
農	A04111-010	U+2D192*	農	U+8FB2
莀	C11531-002	(not encoded)	莀	U+8380

(Total 22 glyphs)

Data for Item 3

喋茮枼枽某茱菜枲枭枽枲

Here is a list of variants which use the 枼 or "枼" shape and have identical semantics with another glyph using the "枼" shape. 1 glyph is encoded in Extension F.

Variant	Edu Code	Codepoint	Related Character	Codepoint
枽	C05082-002	U+2DA60*	枼	U+67BC
喋	A00632-002	(not encoded)	喋	U+20FDA
喋	A00632-005	(not encoded)	喋	U+558B
牒	A02482-012	(not encoded)	牒	U+7252
碟	A02851-001	(not encoded)	碟	U+789F
葉	A03525-009	(not encoded)	葉	U+8449
偞	B00107-005	(not encoded)	偞	U+505E
堞	B00553-006	(not encoded)	堞	U+21462
媟	B00668-004	(not encoded)	媟	U+5A9F
愒	B01142-004	(not encoded)	愒	U+60F5
揲	B01344-003	(not encoded)	揲	U+63F2
楪	B01760-002	(not encoded)	楪	U+696A
楪	B01760-003	(not encoded)	楪	U+696A
渫	B02165-003	(not encoded)	渫	U+6E2B
煠	B02409-002	(not encoded)	煠	U+7160
緤	B03345-006	(not encoded)	緤	U+7DE4
艓	B03763-001	(not encoded)	艓	U+8253

Variant	Edu Code	Codepoint	Related Character	Codepoint
襍	B04529-003	(not encoded)	襋	U+890B
襍	B04529-004	(not encoded)	襵	U+27775
鰈	B05991-002	(not encoded)	鰈	U+9C08
渫	C00473-001	(not encoded)	渫	U+205E8
剚	C00606-001	(not encoded)	剚	U+2075D
撶	C04467-001	(not encoded)	撶	U+64DB
殚	C05857-008	(not encoded)	殚	U+6B9C
漢	C06488-003	(not encoded)	漢	U+3D69
暐	C08407-001	(not encoded)	暐	U+404B
曄	C08533-001	(not encoded)	曄	U+77B8
箂	C09665-003	(not encoded)	箂	U+420E
籥	C09971-002	(not encoded)	籥	U+25DD5
籙	C09971-003	(not encoded)	籙	(not encoded)
糅	C10075-001	(not encoded)	糅	U+25EC8
朕	C10989-003	(not encoded)	朕	U+4411
諜	C11251-006	(not encoded)	諜	U+445C
蕐	C11962-003	(not encoded)	蕐	U+4548
藤	C11962-005	(not encoded)	藤	U+26F36
鞢	C12075-001-1	(not encoded)	鞢	U+270F9
蘖	C12095-002-1	(not encoded)	蘖	U+27120

Variant	Edu Code	Codepoint	Related Character	Codepoint
蝶	C12491-001	(not encoded)	蠂	U+8802
䚢	C12982-003	(not encoded)	䚢	U+46A2
諜	C13296-001-1	(not encoded)	䜓	U+4713
鑷	C15143-001	(not encoded)	鐷	U+9437
鑷	C15148-001-1	(not encoded)	䥡	U+4961
韢	C15857-003	(not encoded)	鞢	U+97A2
韢	C15979-007	(not encoded)	鞢	U+97D8
彍	C15979-008	(not encoded)	彽	U+5F3D
諜	C16034-001	(not encoded)	𩐱	U+29431
餷	C16476-002	(not encoded)	䭎	U+4B4E
餷	C16535-001	(not encoded)	䭟	U+4B5F
驜	C16698-001-1	(not encoded)	䮜	U+4B9C
黱	C18107-003	(not encoded)	𪑧	U+2A467

(Total 50 glyphs)

Here is a list of variants which use the "枼" shape and have identical semantics with another glyph using the "葉" shape. No glyphs are encoded yet.

Variant	Edu Code	Codepoint	Related Character	Codepoint
蝶	A03658-002	(not encoded)	蝶	U+8776
諜	A03863-010	(not encoded)	諜	U+8ADC
僷	B00107-006	(not encoded)	僷	U+505E
堞	B00553-003	(not encoded)	堞	U+581E
屧	B00775-011	(not encoded)	屧	U+5C67

Variant	Edu Code	Codepoint	Related Character	Codepoint
屪	B00775-012	(not encoded)	屟	U+5C5F
惹	B01142-005	(not encoded)	惹	U+22728
蹀	B04930-004	(not encoded)	蹀	U+8E40
枼	C05482-001	(not encoded)	枼	U+236FB
殜	C05857-006	(not encoded)	殜	U+23A68
殜	C05857-009	(not encoded)	殜	(not encoded)
遱	C14437-001	(not encoded)	遱	U+48A1
鍱	C15019-005-1	(not encoded)	鍱	U+9371

(Total 13 glyphs)

Here is a list of variants which use the "枼" or "朶" shape and have identical semantics with another glyph using the "枼" shape. No glyphs are encoded yet.

Variant	Edu Code	Codepoint	Related Character	Codepoint
諜	A03863-009	(not encoded)	諜	U+8ADC
喋	A00632-003	(not encoded)	喋	U+558B
蝶	A03658-004	(not encoded)	蝶	U+8776
偞	B00107-004	(not encoded)	偞	U+505E
堞	B00553-004	(not encoded)	堞	U+581E
媟	B00668-005	(not encoded)	媟	U+5A9F
揲	B01344-002	(not encoded)	揲	U+63F2
煠	B02409-003	(not encoded)	煠	U+7160

(Total 8 glyphs)

Here is a list of variants which use the "枼" shape and have identical semantics with another glyph using the "枼" shape. 9 out of 15 glyphs are encoded, all are in Extension B. Many of these

characters were written as "枼" in the original source from 《龍龕手鑒》 but changed to 枼 in later texts.

Variant	Edu Code	Codepoint	Related Character	Codepoint
牒	A02482-009	(not encoded)	牒	U+7252
葉	A03525-002	(not encoded)	葉	U+8449
諜	A03863-001	U+27A5C	諜	U+8ADC
諜	A03863-003	(not encoded)	諜	(not encoded)
愫	B01142-003	(not encoded)	愫	U+60F5
渫	B02165-004	(not encoded)	渫	U+6E2B
蹀	B04930-002	U+2808F	蹀	U+8E40
鰈	B05991-001	U+29E0F	鰈	U+9C08
牒	C10989-002	U+2672A	牒	U+4411
碟	C11251-001	U+269E4	碟	U+445C
鰈	C12982-002	U+27908	鰈	U+46A2
遱	C14437-002	U+2850B	遱	U+48A1
弽	C15979-003	U+223FC	弽	U+5F3D
鞢	C15979-010	(not encoded)	鞢	U+97D8
黩	C18107-002	U+2A45E	黩	U+2A467

(Total 15 glyphs)

Here is a list of variants which use the "枲" shape and have identical semantics with another glyph using the "葉" shape.

Variant	Edu Code	Codepoint	Related Character	Codepoint
葉	A03525-030	(not encoded)	葉	U+8449

Variant	Edu Code	Codepoint	Related Character	Codepoint
蝶	A03658-005	(not encoded)	蝶	U+8776
蹀	B04930-003	U+28148	☐足葉	(not encoded)

(Total 3 glyphs)

Here is a list of variants which use the "枽" shape and have identical semantics with another glyph using the "葉" shape. 23 out of 37 glyphs are encoded, all are in Extension B.

Variant	Edu Code	Codepoint	Related Character	Codepoint
牒	A02482-001	U+245CA	牒	U+7252
萩	A03525-004	(not encoded)	葉	U+8449
蔡	A03525-013	(not encoded)	葉	U+8449
蝶	A03658-008	(not encoded)	蝶	U+8776
諜	A03863-002	U+27A2F	諜	U+8ADC
偞	B00107-002	U+2026A	偞	U+505E
堞	B00553-001	U+21355	堞	U+581E
墫	B00553-005	(not encoded)	墫	U+21462
媟	B00668-002	U+21765	媟	U+5A9F
愒	B01142-001	U+226D0	愒	U+60F5
揲	B01344-001	U+22B95	揲	U+63F2
楪	B01760-004	(not encoded)	楪	U+696A
渫	B02165-001	U+3CFF	渫	U+6E2B
煠	B02409-001	U+2426C	煠	U+7160

Variant	Edu Code	Codepoint	Related Character	Codepoint
緤	B03345-002	U+2605B	繄	U+7DE4
褋	B04529-001	U+276A6	褋	U+890B
踈	B04930-001	U+2807B	蹀	U+8E40
鰈	B05991-004	(not encoded)	鰈	U+9C08
渫	C00473-003	(not encoded)	渫	U+205E8
�	C00606-003	(not encoded)	剬	U+2075D
殜	C05857-001	U+23A1A	殜	U+6B9C
殠	C05857-002	U+23A63	殠	U+23A68
漢	C06488-004	(not encoded)	漢	U+3D69
朕	C10989-001	U+26708	朕	U+4411
䑜	C11251-002	U+269E2	䑜	U+445C
䑜	C11251-007	(not encoded)	䑜	U+445C
蔠	C11962-001	U+26EAF	蔠	U+4548
鵨	C12982-001	U+27907	鵨	U+46A2
逓	C14437-003	(not encoded)	遧	U+48A1
鍱	C15019-003	U+289F2	鍱	U+9371
鏷	C15019-004	U+28B18	鏷	U+9437
鞢	C15857-001	U+292D1	鞢	U+97A2
鞢	C15857-004	(not encoded)	鞢	U+97A2
弽	C15979-002	U+223F2	弽	U+5F3D

Variant	Edu Code	Codepoint	Related Character	Codepoint
鞣	C15979-011	(not encoded)	鞣	U+97D8
餘	C16535-002	(not encoded)	餘	U+4B4E
黕	C18107-001	U+2A458	黕	U+2A467

(Total 37 glyphs)

Here is a list of variants which use the "枲" shape and have identical semantics with another glyph using the "枼" shape. 1 out of 3 glyphs are encoded, all are in Extension B.

Variant	Edu Code	Codepoint	Related Character	Codepoint
譡	A03863-004	(not encoded)	譡	(not encoded)
蕔	C11962-004	(not encoded)	蕔	U+4548
鞣	C15979-006	U+293C1	鞣	U+97D8

(Total 3 glyphs)

Here is a list of variants which use the "枼" shape and have identical semantics with another glyph using the "枼" shape. 2 out of 4 glyphs are encoded.

Variant	Edu Code	Codepoint	Related Character	Codepoint
枽	C05082-001	U+67BD	枼	U+67BC
葉	A03525-001	U+26DAB	葉	U+8449
葉	A03525-019	(not encoded)	葉	U+8449
蝶	A03658-006	(not encoded)	蝶	U+8776

(Total 4 glyphs)

Data for Item 4

氏 氐 氐 氐 氙 氙 氙
氏 氙 氙 氙 玄

Here is a list of variants which use the "氐" or "氐" or "氙" shape and have identical semantics with another glyph using the "氏" shape. These characters are mainly found from Clerical Script sources such as 《漢隸字源》 or 《隸辨》.

Variant		Edu Code	Codepoint	Related Character	Codepoint
氐	氐	A02110-004	U+306B7*	氐	U+6C10
砥	砥	A02835-005	(not encoded)	砥	U+7825
砥	砥	A02835-006	(not encoded)	砥	U+7825
N/A	砥	A02835-007	(not encoded)	砥	U+7825
祗	祗	A02892-005	(not encoded)	祗	U+7957
祗	祗	A02892-007	(not encoded)	祗	U+7957
N/A	祗	A02892-017-5	(not encoded)	祗	U+7957

(Total 7 glyphs)

Here is a list of variants which use the "氙" or "弖" shape and have identical semantics with another glyph using the "氏" shape.

Variant		Edu Code	Codepoint	Related Character	Codepoint
坁	坁	B00513-001	U+21276	坁	U+577B
伝	伝	A00126-018	U+2B88F*	低	U+4F4E
詆	詆	A03811-004	U+27992	詆	U+8A46
胝	胝	B03639-004	U+26660	胝	U+80DD

(Total 4 glyphs)

Here is a list of variants which use the "氙" or "氙" shape and have identical semantics with another glyph using the "氏" shape.

Variant	Edu Code	Codepoint	Related Character	Codepoint

Variant		Edu Code	Codepoint	Related Character	Codepoint
	砝	A02835-008	(not encoded)	砥	U+7825
	伍	A00126-006	(not encoded)	低	U+4F4E
	袛	A02892-011	(not encoded)	袛	U+7957
	猚	C07187-001	U+24788	狋	U+2476C

(Total 4 glyphs)

Here is a list of variants which use the "亙" or "互" shape and have identical semantics with another glyph using the "氐" shape.

Variant		Edu Code	Codepoint	Related Character	Codepoint
	砳	A02835-003	(not encoded)	砥	U+7825
	伍	A00126-001	U+4EFE	低	U+4F4E
	扝	A01544-002	U+22A94	抵	U+62B5
N/A	袓	A02884-005	(not encoded)	袛	U+7957
	呮	A03811-001	U+20BDE	呧	U+5467
	邚	A04206-003	U+2868E*	邸	U+90B8
	坢	B00513-002	U+5758	坻	U+577B
	弪	B01008-001	U+223B8	弤	U+5F24
	羾	B03538-001	U+2635E	羝	U+7F9D
	胟	B03639-005	U+26641	胝	U+80DD
	蚷	B04244-005	(not encoded)	蚳	U+86B3
	觚	B04608-004	(not encoded)	觝	U+89DD
	賍	B04817-002	(not encoded)	賑	U+8CBE

| Variant		Edu Code	Codepoint	Related Character	Codepoint
	軝	B05002-001	U+282C6	軝	U+8EE7
	阺	B05532-002	(not encoded)	阺	U+963A
N/A	鞭	B05632-003	(not encoded)	䩚	U+4A5A
	查	C01948-001	U+215E8	奃	U+5943
	岻	C02744-003	(not encoded)	岻	U+5CBB
	眡	C10756-005	(not encoded)	眡	U+26551
	舡	C11278-001	U+26A1D	舓	U+26A22
	跑	C13907-001	U+27FDF	跅	U+47E1
	飯	C16408-007	(not encoded)	䬫	U+4B2B
	骱	C16815-002	(not encoded)	骱	U+9AB6
N/A	鳥	C17548-013	(not encoded)	鴟	U+9D1F

(Total 24 glyphs)

Here is a list of variants which use the "乏" shape and have identical semantics with another glyph using the "氐" shape. These forms are usually found in 《龍龕手鑑》 and 《直音篇》. These forms can also be found in large quantity in stone rubbings. Note some of the normalized Sungti forms by the MOE Dictionary seem to be inaccurate and may be better drawn as 乏 or 乏.

Variant		Edu Code	Codepoint	Related Character	Codepoint
	扺	A01544-006-1	(not encoded)	抵	U+62B5
	牪	A02496-006	(not encoded)	牴	U+7274
	砥	A02835-013	(not encoded)	砥	U+7825
	祗	A02892-013	(not encoded)	祗	U+7957
	祗	A02892-017-3	(not encoded)	袛	U+889B

Variant		Edu Code	Codepoint	Related Character	Codepoint
邘	邘	A04206-009-1	(not encoded)	邸	U+90B8
坁	坁	B00513-013	(not encoded)	坻	U+577B
貾	貾	B04817-003	(not encoded)	賍	U+8CBE
軧	軧	B05002-004	(not encoded)	軧	U+8EE7
菧	菧	C11535-003	(not encoded)	菧	U+83E7
趆	趆	C13716-005	(not encoded)	越	U+8D86

(Total 11 glyphs)

Here is a list of variants which use the "玊" shape and have identical semantics with another glyph using the "氐" shape. These forms are usually found in 《龍龕手鑒》 and 《直音篇》, later also in the Kangxi Dictionary, which is why many of them are in Extension B. 24 of 31 glyphs are encoded: 1 in Extension A and 23 in Extension B.

Variant		Edu Code	Codepoint	Related Character	Codepoint
伍	伍	A00126-004	(not encoded)	低	U+4F4E
抎	抎	A01544-004	(not encoded)	抵	U+62B5
牥	牥	A02496-001	U+24633	牴	U+7274
砿	砿	A02835-001	U+2543A	砥	U+7825
祗	祗	A02884-008-1	(not encoded)	祗	U+7957
誈	誈	A03811-002	U+2799A	詆	U+8A46
邔	邔	A04206-001	U+2868F	邸	U+90B8
坃	坃	B00513-003	U+2126C	坻	U+577B
弦	弦	B01008-002	U+223C1	弤	U+5F24
秖	秖	B03099-003	(not encoded)	秪	U+79EA
羍	羍	B03538-002	U+2635D	羝	U+7F9D

Variant		Edu Code	Codepoint	Related Character	Codepoint
𦙘	肚	B03639-003	U+26658	胝	U+80DD
𧣎	觎	B04608-001	U+278CE	觝	U+89DD
𧵇	貾	B04817-001	U+27D47	賦	U+8CBE
𨋇	軑	B05002-002	U+282C7	軧	U+8EE7
𨸞	阺	B05532-003	U+28E1E	阺	U+963A
𥩘	靬	B05632-001	U+4A58	靚	U+4A5A
𠯝	呟	C01082-003	U+20BDD	呧	U+5467
𡵮	岻	C02744-001	U+21D6E	岻	U+5CBB
𢻽	攷	C04574-002	U+22EFD	敆	U+22F15
䏝	眩	C04813-001	(not encoded)	眂	U+3ADD
𥾬	絃	C10205-001	U+25FAC	紙	U+25FC4
𦨠	舷	C11278-002	U+26A20	舭	U+26A22
蒐	荙	C11535-002	(not encoded)	蒎	U+83E7
𧺦	趏	C13716-001	U+27EA6	趆	U+8D86
𧿠	跎	C13907-002	U+27FE0	趆	U+47E1
𩚞	飹	C16408-001	U+2969E	飥	U+4B2B
𩚞	飹	C16408-008	(not encoded)	飥	U+4B2B
𩨤	骹	C16815-001	U+29A24	骶	U+9AB6
𩵷	魤	C17223-001	U+29D77	魤	U+29D85

Variant		Edu Code	Codepoint	Related Character	Codepoint
鵋	鵋	C17548-003	U+29FD2	鴟	U+9D1F

(Total 31 glyphs)

Data for Item 5a

㒼 𠇗 㒼 甫 萌 莆 萌 萌 莆 㡇

Here is a list of variants which use the "㒼" or "㒼" shape and have identical semantics with another glyph using the "㒼" shape. No glyphs has been coded.

Variant	Edu Code	Codepoint	Related Character	Codepoint
㒼	C00418-001	(not encoded)	㒼	U+34BC
顢	B05695-001	(not encoded)	顢	U+9862
鬕	B05908-002	(not encoded)	鬕	U+9B17
懣	B01170-003	(not encoded)	懣	U+6172
簚	C09776-004	(not encoded)	簚	U+25C88
橢	B01819-002	(not encoded)	橢	U+6A20
滿	A02309-002	(not encoded)	滿	U+6EFF
鏋	C15091-002	(not encoded)	鏋	U+93CB
㙢	C01796-001	(not encoded)	㙢	U+3662
蘹	B01170-001	(not encoded)	蘹	U+227EE
䤍	C14786-002	(not encoded)	䤍	U+490D
㊟	C10104-002	(not encoded)	㊟	U+429F
蹣	A04038-003	(not encoded)	蹣	U+8E63
瞞	A02798-002	(not encoded)	瞞	U+779E
璊	B02654-004	(not encoded)	璊	U+748A
瞞	C04907-001	(not encoded)	瞞	U+66AA
獌	C13471-001	(not encoded)	獌	U+27C7C

(Total 17 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
穧	B03120-002	(not encoded)	穧	U+25879
瀨	C06621-001	(not encoded)	瀨	U+2414E
簹	C09776-008	(not encoded)	簹	U+25D65

(Total 3 glyphs)

Note: 㒼 has been coded in the Ideographic Variation Database with a sequence of <U+34BC U+E0102> in the Mojijoho IVD collection but is not present in the MOE Dictionary.

Note: 滿 has been coded in the Ideographic Variation Database with a sequence of <U+6EFF U+E0104> in the Mojijoho IVD collection but is not present in the MOE Dictionary.

Here is a list of variants which use the "萠" or "萳" or "萠" or "萳" or "蒝" shape and have identical semantics with another glyph using the "㒼" shape. 2 out of 24 glyphs are coded, all are in Extension B.

Variant	Edu Code	Codepoint	Related Character	Codepoint
瑐	B02654-002	U+24A38	瑐	U+748A

(Total 1 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
蹣	A04038-001	(not encoded)	蹣	U+8E63
瞞	A02798-001	(not encoded)	瞞	U+779E
滿	A02309-005	U+23F1B	滿	U+6EFF
懣	A01455-005	(not encoded)	懣	U+61E3
樠	B01819-003	(not encoded)	樠	U+6A20

(Total 5 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
顢	B05695-003	(not encoded)	顢	U+9862
懣	B01170-002	(not encoded)	懣	U+6172

Variant	Edu Code	Codepoint	Related Character	Codepoint
�	C14786-003	(not encoded)	䤍	U+490D
鋪	C15091-004	(not encoded)	鏋	U+93CB
楠	B01819-004	(not encoded)	橠	U+6A20
鯆	A04710-008	(not encoded)	𩺴	U+29EB4

(Total 6 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
簫	C09776-003	(not encoded)	𥲈	U+25C88
簫	C09776-005	(not encoded)	𥵥	U+25D65
糒	C10104-001	(not encoded)	㊟	U+429F
鋪	C15091-001	(not encoded)	鏋	U+93CB
瀬	C06621-002	(not encoded)	𤅎	U+2414E
滿	A02309-028	(not encoded)	滿	U+6EFF
蒲	A02309-026	(not encoded)	滿	U+6EFF
蒲	A02309-033	(not encoded)	滿	U+6EFF

(Total 8 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
糒	C10104-003	(not encoded)	㊟	U+429F
鋪	C15091-003	(not encoded)	鏋	U+93CB
蒲	A02309-012	(not encoded)	滿	U+6EFF
溌	C06530-001	(not encoded)	㿷	U+6FF7

(Total 4 glyphs)

Here is a list of variants which use the "菛" or "峬" shape and have identical semantics with another glyph using the "㒼" shape. No glyphs are coded.

Variant	Edu Code	Codepoint	Related Character	Codepoint
簫	C09776-007	(not encoded)	簫	U+25C88

(Total 1 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
瀟	A02309-025	(not encoded)	瀟	U+6EFF
簫	C09776-006	(not encoded)	簫	U+25D65
瞞	A02798-005-1	(not encoded)	瞞	U+779E

(Total 3 glyphs)

Data for Item 5b

滿瀟瀟瀟蒲瀟瀟瀟瀟瀟瀟瀟瀟瀟瀟瀟瀟瀟瀟瀟瀟瀟

Here are an additional list of 20 miscellaneous unencoded variants of 滿.

Variant	Edu Code	Codepoint	Related Character	Codepoint
瀟	A02309-032	(not encoded)	滿	U+6EFF
瀟	A02309-017	(not encoded)	滿	U+6EFF
瀟	A02309-011	(not encoded)	滿	U+6EFF
蒲	A02309-007	(not encoded)	滿	U+6EFF
瀟	A02309-021	(not encoded)	滿	U+6EFF
瀟	A02309-008	(not encoded)	滿	U+6EFF
瀟	A02309-006	(not encoded)	滿	U+6EFF
瀟	A02309-009	(not encoded)	滿	U+6EFF
瀟	A02309-018	(not encoded)	滿	U+6EFF
瀟	A02309-020	(not encoded)	滿	U+6EFF

Variant	Edu Code	Codepoint	Related Character	Codepoint
滿	A02309-019	(not encoded)	滿	U+6EFF
滿	A02309-034	(not encoded)	滿	U+6EFF
滿	A02309-030	(not encoded)	滿	U+6EFF
滿	A02309-013	(not encoded)	滿	U+6EFF
滿	A02309-014	(not encoded)	滿	U+6EFF
滿	A02309-037	(not encoded)	滿	U+6EFF
滿	A02309-036	(not encoded)	滿	U+6EFF
滿	A02309-035	(not encoded)	滿	U+6EFF
蒲	A02309-022	(not encoded)	滿	U+6EFF
蒲	A02309-023	(not encoded)	滿	U+6EFF

(Total 20 glyphs)

Data for Item 6

詹詹詹詹佔佔詹詹
詹��
詹詹詹
詹詹詹詹

Here is a list of variants with the 詹 or 詹 or 詹 or 佔 or 佔 or 詹 or 詹 shape and have identical semantics with another glyph using the "詹" shape. The first three of these shapes were discussed in previous IRG meetings and unified but they has not been added to the UCV. 5 out of 42 glyphs have been coded, all are in Extension B.

Variant	Edu Code	Codepoint	Related Character	Codepoint
憺	B01203-001	(not encoded)	憺	U+61BA
籤	A03045-003	(not encoded)	籤	U+7C37
澹	A02351-005	(not encoded)	澹	U+6FB9
瞻	A02809-016	(not encoded)	瞻	U+77BB
膽	C10825-002	(not encoded)	膽	U+8078
艚	N00348-003	(not encoded)	艚	U+821A
襜	B04569-004	(not encoded)	襜	U+895C
黵	B06255-004	(not encoded)	黵	U+9EF5
躇	C14094-002	(not encoded)	躇	U+4828

(Total 9 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
詹	A03830-001	(not encoded)	詹	U+8A79
儋	B00178-002	(not encoded)	儋	U+510B
幨	B00944-004	(not encoded)	幨	U+5E68

Variant	Edu Code	Codepoint	Related Character	Codepoint
擔	A01688-002	(not encoded)	擔	U+64D4
曕	C04931-001	(not encoded)	曕	U+66D5
簷	A03045-001	(not encoded)	簷	U+7C37
橹	B01867-005	(not encoded)	橹	U+6A90
澹	A02351-001	U+23F43	澹	U+6FB9
瞻	A02809-001	(not encoded)	瞻	U+77BB
聸	C10825-001	U+265EF	聸	U+8078
膽	A03374-008	(not encoded)	膽	U+81BD
舚	N00348-002	(not encoded)	舚	U+821A
蟾	B04418-004	(not encoded)	蟾	U+87FE
贍	A03979-001	(not encoded)	贍	U+8D0D
黵	B06255-003	(not encoded)	黵	(not encoded)
黵	B06255-002	U+2A4A7	黵	U+9EF5
躘	C14094-001	U+28167	躘	U+4828
隡	C15491-001	(not encoded)	隡	U+28F2E

(Total 18 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
詹	A03830-002	U+269D5	詹	U+8A79
膽	A03374-007	(not encoded)	膽	U+81BD

(Total 2 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
橹	B01867-007	(not encoded)	橹	U+6A90

Variant	Edu Code	Codepoint	Related Character	Codepoint
瞻	A02809-006	(not encoded)	瞻	U+77BB
蟾	B04418-001	(not encoded)	蟾	U+87FE

(Total 3 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
詹	A03830-005	(not encoded)	詹	U+8A79
幨	B00944-003	(not encoded)	幨	U+5E68
簷	A03045-005	(not encoded)	簷	U+7C37
檐	B01867-012	(not encoded)	檐	U+6A90
澹	A02351-009	(not encoded)	澹	U+6FB9
瞻	A02809-014	(not encoded)	瞻	U+77BB
膽	A03374-004	(not encoded)	膽	U+81BD

(Total 7 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
儋	B00178-001	(not encoded)	儋	U+510B
澹	A02351-002	(not encoded)	澹	U+6FB9
瞻	A02809-002	(not encoded)	瞻	U+77BB

(Total 3 glyphs)

Here is a list of variants with the 詹 or 詹 or 詹 shape and have identical semantics with another glyph using the "詹" shape. They are identical with first suggested set but only the top part is different. No glyphs have been coded.

Variant	Edu Code	Codepoint	Related Character	Codepoint
澹	A02351-008	(not encoded)	澹	U+6FB9
擔	A01688-008	(not encoded)	擔	U+64D4

Variant	Edu Code	Codepoint	Related Character	Codepoint
蟾	B04418-003	(not encoded)	蟾	U+87FE

(Total 3 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
澹	A02351-007	(not encoded)	澹	U+6FB9
蟾	B04418-002	(not encoded)	蟾	U+87FE

(Total 2 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
贍	A03979-005	(not encoded)	贍	U+8D0D

(Total 1 glyphs)

Here is a list of variants with the 詹 or 詹 or 詹 shape and have identical semantics with another glyph using the "詹" shape. They are identical with the first suggested set but only the middle part has been swapped out with 比. 4 out of 11 glyphs have been coded, all are in Extension B.

Variant	Edu Code	Codepoint	Related Character	Codepoint
贍	A03979-003	U+27E38	贍	U+8D0D
瞻	A02809-013	(not encoded)	瞻	U+77BB

(Total 2 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
薝	A03045-005-2	(not encoded)	蒼	U+859D
襜	B04569-002	U+2779F	襜	U+895C
膽	A03374-010	(not encoded)	膽	U+81BD
曕	A03374-009	(not encoded)	曕	U+66D5
礠	C08903-001	U+255B7	礠	U+40EB
躭	C14164-002	(not encoded)	躭	U+2828D
贍	A03979-006	(not encoded)	贍	U+8D0D

Variant	Edu Code	Codepoint	Related Character	Codepoint
韽	C15920-003	(not encoded)	韂	U+97C2

(Total 8 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
躜	C14164-005	U+28297	躜	U+2828D

(Total 1 glyphs)

Here is a list of variants with the 詹 or 詹 or 詹 or 詹 shape and have identical semantics with another glyph using the "詹" shape. They are identical with the first suggested set but only the middle part has been swapped out with 北. No glyphs have been coded.

Variant	Edu Code	Codepoint	Related Character	Codepoint
澹	A02351-006	(not encoded)	澹	U+6FB9

(Total 1 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
詹	A03830-004	(not encoded)	詹	U+8A79
檐	B01867-008	(not encoded)	檐	U+6A90
檐	A03045-005-4	(not encoded)	檐	U+6A90
贍	A03979-007	(not encoded)	贍	U+8D0D
擔	A01688-006	(not encoded)	擔	U+64D4

(Total 5 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
詹	A03830-003	(not encoded)	詹	U+8A79
擔	A01688-007	(not encoded)	擔	U+64D4
澹	A02351-004	(not encoded)	澹	U+F3520
瞻	A02809-011	(not encoded)	瞻	U+77BB

(Total 4 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint

Variant	Edu Code	Codepoint	Related Character	Codepoint
詹	A03830-006	(not encoded)	詹	U+8A79
贍	A03979-004	(not encoded)	贍	U+8D0D

(Total 2 glyphs)

Data for Item 7

奂奐奐奐奐奐
奐奐奐奐

Here is a list of variants with the 奂 or 奐 or 奐 or 奐 or 奐 shape and have identical semantics with another glyph using the "奐" shape. 1 out of 26 glyphs has been coded, it is in Extension B. Some glyphs are WS2017 candidates.

Note: According to UCV #401, 奂奐奐 are already unifiable.

Variant	Edu Code	Codepoint	Related Character	Codepoint
奐	A00867-009	(not encoded)	奐	U+5950
渙	A02276-007	(not encoded)	渙	U+6E19
煥	A02429-017	(not encoded)	煥	U+7165
換	任顗墓誌銘	(not encoded)	換	U+63DB

(Total 3 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
奐	A00867-008	(not encoded)	奐	U+5950
喚	A00639-005	(not encoded)	喚	U+559A
換	A01632-003	(not encoded)	換	U+63DB
渙	A02276-003	(not encoded)	渙	U+6E19
煥	A02429-004	(not encoded)	煥	U+7165
瘓	A02696-005	(not encoded)	瘓	U+7613

(Total 6 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
奐	A00867-003	(not encoded)	奐	U+5950
喚	A00639-002	(not encoded)	喚	U+559A
喚	A00639-023	(not encoded)	喚	U+559A

Variant	Edu Code	Codepoint	Related Character	Codepoint
攃	A01632-002	(not encoded)	換	U+63DB
潩	A02276-002	(not encoded)	渙	U+6E19
熑	A02429-014	(not encoded)	煥	U+7165
熑	A02429-016	(not encoded)	煥	U+7165
熑	A02429-031	(not encoded)	煥	U+7165
瓊	C07479-001	U+24A46	瑍	U+744D
臒	C11009-002	(not encoded)	腝	U+2675D

(Total 10 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
奐	A00867-021	(not encoded)	奂	U+5950
潩	A02276-008	(not encoded)	渙	U+6E19
熑	A02429-003	(not encoded)	煥	U+7165
瘓	A02696-002	(not encoded)	痪	U+7613

(Total 4 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
瘓	A02696-003	U+24E79	痪	U+7613
瘓	A02696-007	(not encoded)	痪	U+7613

(Total 2 glyphs)

Here is a list of variants with the 奐 or 奂 or 叟 or 奠 shape and have identical semantics with another glyph using the "奂" shape. No glyphs have been coded. Some glyphs are WS2017 candidates. A02429-010 (熯) was unified to A02429-022 (熯) in WS2017.

Variant	Edu Code	Codepoint	Related Character	Codepoint
熯	A02429-022	(not encoded)	煥	U+7165

Variant	Edu Code	Codepoint	Related Character	Codepoint
暎	C08424-003	(not encoded)	睍	U+25209

(Total 2 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
煥	A02429-033	(not encoded)	煥	U+7165
暖	C08424-004-1	(not encoded)	睍	U+25209

(Total 2 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
渡	A02276-015	(not encoded)	渙	U+6E19
煥	A02429-021	(not encoded)	煥	U+7165
瘦	A02696-006	(not encoded)	瘓	U+7613

(Total 3 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
煥	A02429-010	(not encoded)	煥	U+7165

(Total 1 glyphs)

Data for Item 8

并 幷 弁

Here is a list of variants with the shapes 弁 and have identical semantics with another glyph using the "并"/"幷" shape. No glyphs have been coded.

Variant	Edu Code	Codepoint	Related Character	Codepoint
姘	A00915-002	(not encoded)	姘	U+59D8
荓	A03498-005	(not encoded)	荓	U+84F1
栟	B01672-002	(not encoded)	栟	U+681F
跰	B04885-002	(not encoded)	跰	U+8DF0
軿	B05009-003	(not encoded)	軿	U+8EFF
骿	B05869-002	(not encoded)	骿	U+9ABF
玝	C07405-002	(not encoded)	玶	U+3EC2
荓	C11463-002	(not encoded)	荓	U+8353
齛	C18286-002	(not encoded)	齛	U+2A600

(Total 9 glyphs)

Data for Item 9a

翟翟翟霍
　翟翟翟
　翟翟翟翟

Here is a list of variants with the 翟 or 翟 or 霍 shape which are semantically identical with characters using the 翟 shape. 2 out of 23 characters are coded: 1 in Extension B and 1 in Extension F.

Variant	Edu Code	Codepoint	Related Character	Codepoint
勸	A00404-006	(not encoded)	勸	U+52F8
權	A02050-019	(not encoded)	權	U+6B0A
歡	A02065-020	(not encoded)	歡	U+6B61
觀	A03776-012	(not encoded)	觀	U+89C0
嚾	B00471-001	(not encoded)	嚾	U+56BE
孁	B00652-004	(not encoded)	孁	U+5B49
爟	B02455-004	(not encoded)	爟	U+721F
貛	B02584-004	(not encoded)	貛	U+8C9B
獾	B02584-005	(not encoded)	獾	U+737E
蠸	B04445-001	(not encoded)	蠸	U+8838
鸛	B06209-006	(not encoded)	鸛	U+9E1B
彏	C03468-002	(not encoded)	彏	U+22446
穮	C09253-001	(not encoded)	穮	U+2590A
纙	C10428-002	(not encoded)	纙	U+432F
鱹	C13008-001	(not encoded)	鱹	U+46AD

Variant	Edu Code	Codepoint	Related Character	Codepoint
趲	C13862-002	(not encoded)	䟒	U+47D2

(Total 16 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
灌	A02378-002	U+240A6	灌	U+704C
觀	A03776-030	(not encoded)	觀	U+89C0

(Total 2 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
勸	A00404-004	(not encoded)	勸	U+52F8
權	A02050-004	U+2DB33*	權	U+6B0A
攉	A02050-008	(not encoded)	㩲	U+3A72
歡	A02065-005	(not encoded)	歡	U+6B61
懽	B01225-005	(not encoded)	懽	U+61FD

(Total 5 glyphs)

Here is a list of variants with the 萑 or 萑 or 萑 shape. No variants are coded.

Variant	Edu Code	Codepoint	Related Character	Codepoint
觀	A03776-045	(not encoded)	觀	U+89C0
歡	A02065-009	(not encoded)	歡	U+6B61
權	A02050-007	(not encoded)	權	U+6B0A
攉	A02050-013	(not encoded)	㩲	U+3A72
襩	A02050-017	(not encoded)	權	U+6B0A

(Total 5 glyphs)

Here is a list of variants with the 萑 or 萑 or 萑 or 萑 shape. No variants are coded.

Variant	Edu Code	Codepoint	Related Character	Codepoint

Variant	Edu Code	Codepoint	Related Character	Codepoint
攉	A02050-009	(not encoded)	攉	U+3A72
觀	A03776-013	(not encoded)	觀	U+89C0
爟	B02455-006	(not encoded)	爟	U+721F

(Total 3 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
攉	A02050-014	(not encoded)	攉	U+3A72
觀	A03776-022	(not encoded)	觀	U+89C0

(Total 2 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
勸	A00404-008	(not encoded)	勸	U+52F8
權	A02050-011	(not encoded)	權	U+6B0A
權	A02050-027	(not encoded)	權	U+6B0A
攉	A02050-029	(not encoded)	攉	U+3A72
歡	A02065-010	(not encoded)	歡	U+6B61
灌	A02378-005	(not encoded)	灌	U+704C
觀	A03776-016	(not encoded)	觀	U+89C0
懽	B01225-002	(not encoded)	懽	U+61FD
瓘	B02683-002	(not encoded)	瓘	U+74D8

(Total 9 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
灌	A02378-006	(not encoded)	灌	U+704C

(Total 1 glyphs)

Data for Item 9b

萑萑崔

Here is a list of variants with the 萑 or 萑 or 崔 shape. 6 out of 22 variants are coded: 1 in Extension D, 4 are in Extension F, 1 in Extension G.

Variant	Edu Code	Codepoint	Related Character	Codepoint
勸	A00404-012	(not encoded)	勸	U+52F8
權	A02050-016	(not encoded)	權	U+6B0A
歡	A02065-015	(not encoded)	歡	U+6B61
灌	A02378-008	(not encoded)	灌	U+704C
蹕	A03201-010	(not encoded)	罐	U+7F50

(Total 5 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
勸	A00404-010	U+2D13F*	勸	U+52F8
權	A02050-005	U+2B790*	權	U+6B0A
歡	A02065-016	U+2DB55*	歡	U+6B61
灌	A02378-007	(not encoded)	灌	U+704C
罐	A03201-011	U+30B46*	罐	U+7F50
鑵	A03201-013	(not encoded)	鑵	U+9475
觀	A03776-009	U+2E5DA*	觀	U+89C0
嶵	B00909-002	(not encoded)	巇	U+5DCF
懽	B01225-004	U+2D7B9*	懽	U+61FD
讙	B04766-002	(not encoded)	讙	U+8B99
顴	B05704-003	(not encoded)	顴	U+9874

Variant	Edu Code	Codepoint	Related Character	Codepoint
驒	B05863-003	(not encoded)	驩	U+9A69

(Total 12 glyphs)

Variant	Edu Code	Codepoint	Related Character	Codepoint
攉	A02050-010	(not encoded)	攉	U+3A72
歡	A02065-012	(not encoded)	歡	U+6B61
歡	A02065-023	(not encoded)	歡	U+6B61
觀	A03776-039	(not encoded)	觀	U+89C0
顴	B05704-004	(not encoded)	顴	U+9874

(Total 5 glyphs)