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Title: Comments on four error glyphs on CJK Unified Ideographs Ext B & E
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1. Possible error V-source glyph for U+2017B

The IDS of the current UCS2003 glyph for U+2017B is 𣵑, but the IDS of the current V-source glyph for U+2017B is 𣵑. (pls see Fig. 1) 𣵑 shouldn't be unifiable with 𣵑.

Fig. 1 U+2017B on The Unicode Standard, Version 9.0



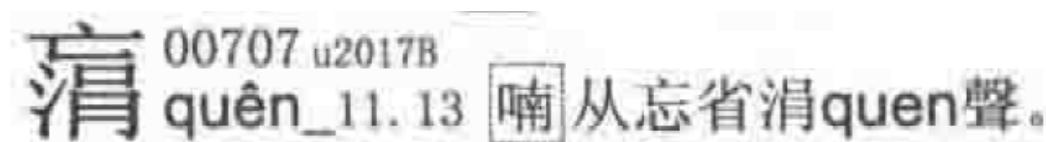
We found this character in the official website of VNPF, Quốc Ngữ is quên. (pls see Fig. 2)

Fig. 2 U+2017B on VNPF

Quốc Ngữ	Hán-Nôm	Codepoint	Context	Ref.	English
quên	𣵑	U+2017b	quên lãng	vhn	to fall/sink into oblivion

Fig. 3 U + 2017B on Kangxi-Plus Unicode Han Dictionary

张玉书, 陈廷敬, 王宏源 等 (Zhāng Yùshū, Chén Tíngjìng, Wáng Hóngyuán, et al): 《康熙字典 (增订版)》 (*Kangxi-Plus Unicode Han Dictionary*), 北京: 社会科学文献出版社 [Běijīng: Social Sciences Academic Press (CHINA)], 2015, ISBN 978-7-5097-7093-1, p. 22



According to Fig. 3, the semantic component (形符) of U + 2017B is 忘 which means to fall or sink into oblivion (pls see Fig. 4), and the other part is the phono component (声符). Quốc Ngữ of 涓 is vờn (pls see Fig. 5), and 涓 is quen, quēn, quyen (pls see Fig. 6), so we think V-source glyph for U + 2017B may be wrong.

Fig. 4 U + 5FD8 on VNPF

Quốc Ngữ	Hán-Nôm	Codepoint	Context	Ref.	English
vong	忘	U+5fd8	vong ân	vhn	to prove ungrateful

Fig. 5 U + 6EB3 on VNPF

Quốc Ngữ	Hán-Nôm	Codepoint	Context	Ref.	English
vờn	涓	U+6eb3	chờn vờn	vhn	to cruise

Fig. 6 U + 6D93 on VNPF

Quốc Ngữ	Hán-Nôm	Codepoint	Context	Ref.	English
quen	涓	U+6d93	quen biết	vhn	be acquainted with
quēn	涓	U+6d93	quēn đi	btcn	to forget it!
quyen	涓	U+6d93	quyen (dòng nước nhỏ): quyen trích (giọt nước nhỏ)	btcn	small stream

We suggest three ways to solve this problem:

A1) Encode V2-6E46 as a new character, and the kRSUnicode value for the new character is 8.14.

A2) Add a new U-source glyph into U + 2017B. The evidence of the new U-source ideograph is

Fig. 3.

Table 1 Information for a New Proposed U-source Ideograph

Glyph	IDS	Radical	Radical Form	Strokes	First Stroke	Simplified Form	Variant Form	Variant Code Point	U-source Number
𧯛	𧯛亡涓 U+2FF1, U+4EA1, U+6D93	8	𠂇	11	5	N/A	N/A	N/A	UTC-xxxxx OR UCI-xxxxx

B1) Keep the present situation of U + 2017B, and add a second kRSUnicode value of 8.14 in the future.

B2) Add two glyphs into SVS like this:

Table 2 Proposed SVSes for U + 2017B

Base Character	Variation Selector	Glyph	Description
U + 2017B	FE00 (VS1)	𧯛	UCS2003
U + 2017B	FE01 (VS2)	𧯛	V2-6E46

C1) Keep the present situation of U + 2017B, and add a second kRSUnicode value of 8.14 in the future.

C2) Add two glyphs into IVD like this:

Table 3 Proposed IVSes for U+2017B

Base Character	Variation Selector	Glyph	Description
U+2017B	E0100 (VS17)	𐀓	UCS2003
U+2017B	E0101 (VS18)	𐀔	V2-6E46

2. Possible error V-source glyph for U+204AF

The IDS of the current UCS2003 glyph for U+204AF is 𠂔肉兒, but the IDS of the current V-source glyph for U+204AF is 𠂔肉充. (pls see Fig. 7) 兒 shouldn't be unifiable with 充.

Fig. 7 U+204AF on The Unicode Standard, Version 9.0



We found this character in the official website of VNPF, Quốc Ngữ is nhóc. (pls see Fig. 8) The glyph on VNPF is as the same as UCS2003, not V0-4422. The supportive font of VNPF is Nom Na Tong Regular V4.2 produced by VNPF themselves now. (pls see Fig. 9, and the software used in the figure is BabelMap produced by Andrew West)

Fig. 8 U+204AF on VNPF

Quốc Ngữ	Hán-Nôm	Codepoint	Context	Ref.	English
nhóc	𠂔	U+204af	nhóc con, thằng nhóc	vhn	kid, brat

Fig. 9 The Information about Nom Na Tong Regular V4.2

We think the phono component of U + 204AF is 肉, because Quốc Ngữ of 肉 is nhục which is similar with nhóc (pls see Figs. 8 & 10), and the other part is the semantic component. According to VNPF, U + 204AF means kid and brat, and it's similar with 兒 (pls see Fig. 11), not 充 (pls see Fig. 12). So we think V-source glyph for U + 204AF may be wrong.

Fig. 10 U + 8089 on VNPF

Quốc Ngữ	Hán-Nôm	Codepoint	Context	Ref.	English
nhục	肉	U+8089	cốt nhục	vhn	bone and flesh

Fig. 11 U + 5152 on VNPF

Quốc Ngữ	Hán-Nôm	Codepoint	Context	Ref.	English
nhì	兒	U+5152	thiếu nhi, bệnh nhi	vhn	child
nghe	兒	U+5152	ngô nghe	gdhn	foolish
nhẻ	兒	U+5152	nhỏ nhẻ	gdhn	son, child, oneself; final part

Fig. 12 U+5145 on VNPF

Quốc Ngữ	Hán-Nôm	Codepoint	Context	Ref.	English
sung	充	U+5145	sung sức	vhn	in good form, fully fit

We suggest four ways to solve this problem:

A) Change the V-source glyph to 𠂔肉兒 like the glyph of Nom Na Tong Regular V4.2. (pls see

[IRGN1784 VietnamResponse](#) or Figs.13 & 14)

Fig. 13 IRGN1784 VietnamResponse

U+204AF	V	204AF 儿 10.12	𠂔 UCS2003	𠂔 V0-4422	J: glyph not revised G: and not unifiable, need V glyph to change back. Already mentioned in IRGN1775_A4 (J comments).	V-font is not correct correct font as UCS2003	𠂔
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Fig. 14 The Right V-source Glyph for U+204AF

𠂔

B1) Encode V0-4422 as a new character, and the kRSUnicode value for the new character is

10.10.

B2) Add a new U-source glyph into U+204AF. We feel sorry not to find out a suitable evidence

at this time.

Table 4 Information for a New Proposed U-source Ideograph

Glyph	IDS	Radical	Radical Form	Strokes	First Stroke	Simplified Form	Variant Form	Variant Code Point	U-source Number
𠂔	𠂔肉兒 U+2FF1, U+8089, U+5152	10	儿	12	2	N/A	N/A	N/A	UCI-xxxxx

C1) Keep the present situation of U+204AF, and add a second kRSUnicode value of 10.10 in the

future.

C2) Add two glyphs into SVS like this:

Table 5 Proposed SVSes for U + 204AF

Base Character	Variation Selector	Glyph	Description
U + 204AF	FE00 (VS1)	𪛗	UCS2003
U + 204AF	FE01 (VS2)	𪛘	V0-4422

D1) Keep the present situation of U + 204AF, and add a second kRSUnicode value of 10.10 in the future.

D2) Add two glyphs into IVD like this:

Table 6 Proposed IVSes for U + 204AF

Base Character	Variation Selector	Glyph	Description
U + 204AF	E0100 (VS17)	𪛗	UCS2003
U + 204AF	E0101 (VS18)	𪛘	V0-4422

3. Error UCS2003 glyph for U+24CB2

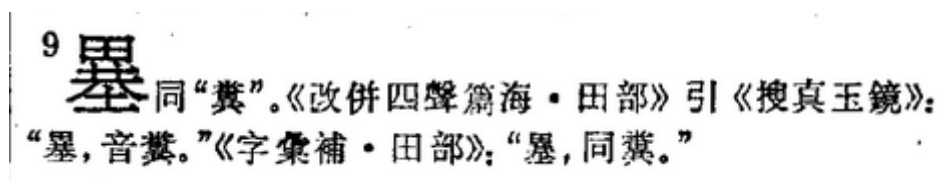
The current UCS2003 glyph for U+24CB2 is error, it's different from G-source & T-source glyph for U+24CB2. (pls see Fig. 15)

Fig. 15 U+24CB2 on The Unicode Standard, Version 9.0



We show the evidence in one of the original sources: GHZ-42549.08 which is in the 《汉语大字典》. (pls see Fig. 16)

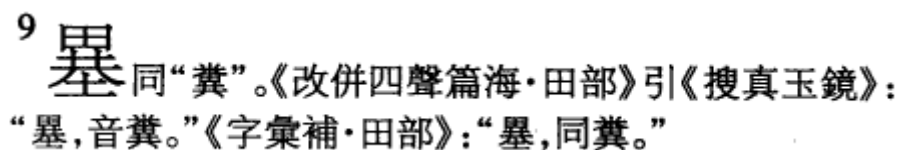
Fig. 16 GHZ-42549.08 on Hànyǔ Dàzìdiǎn V1



The glyph in 《汉语大字典》V2 is the same. (pls see Fig. 17)

Fig. 17 GHZ-42549.08 on Hànyǔ Dàzìdiǎn V2

汉语大字典编辑委员会(Hànyǔ Dàzìdiǎn Biānjí Wěiyuánhui): 《汉语大字典(第二版)》(Hànyǔ Dàzìdiǎn V2), 武汉: 湖北长江出版集团崇文书局 (Wǔhàn: Chongwen Publishing House of Hubei Changjiang Publishing Group) & 成都: 四川出版集团四川辞书出版社 (Chéngdū: Sichuan Reference Press of Sichuan Publishing Group), 2010, ISBN 978-7-5403-1744-7, p. 2729



We have found more evidences about this glyph.

Figs. 18 through 20 GHZ-42549.08 on different versions of KangXi Dictionary

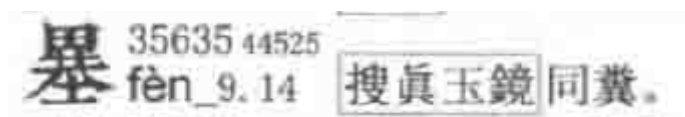
内府本《康熙字典》（午集備考），p. 40



同文書局版《康熙字典》（午集備考），p. 113



张玉书, 陈廷敬, 王宏源 等 (Zhāng Yùshū, Chén Tíngjìng, Wáng Hóngyuán, et al): 《康熙字典 (增订版)》 (*Kangxi-Plus Unicode Han Dictionary*), 北京: 社会科学文献出版社 [Běijīng: Social Sciences Academic Press (CHINA)], 2015, ISBN 978-7-5097-7093-1, p. 993



On the other hand, we found the evidence for the character 罊 (gong), too. (pls see Fig. 21)

Fig. 21 罊 on Zhōnghuá Zìhǎi

冷玉龙, 韦一心 等 (Lěng Yùlóng, Wěi Yīxin, et al): 《中华字海》 (*Zhōnghuá Zìhǎi*), 北京: 中华书局 (Běijīng: Zhonghua Book Company) & 北京: 中国友谊出版公司 (Běijīng: Friendship Publishing Corporation of China), 1994, ISBN 7-5057-0630-6/H • 1, p. 838

罊同“叁”。字见《篇海》。

We suggest four ways to solve this problem:

A1) Withdraw UCS2003 glyph for U + 24CB2 like U + 2384F, and keep the kRSUnicode value of 102.9.

A2) Encode 𪚦 as a new U-source ideograph, and the kRSUnicode value for it is 72.9. The evidence of the new U-source ideograph is Fig. 21.

Table 7 Information for a New Proposed U-source Ideograph

Glyph	IDS	Radical	Radical Form	Strokes	First Stroke	Simplified Form	Variant Form	Variant Code Point	U-source Number
𪚦	𪚦 U+2FF1, U+65E5, U+212CD	72	日	9	2	N/A	𪚦	U+21284	UTC-xxxxx OR UCI-xxxxx

B1) Encode GHZ-42549.08 & T6-5F26 as a new character, and change the kRSUnicode value for U + 24CB2 of 72.9, and the kRSUnicode value for the new character is 102.9.

B2) Add a new U-source glyph into U + 24CB2 like Table 7.

C1) Keep the present situation of U + 24CB2, and add a second kRSUnicode value of 72.9 in the future.

C2) Add two glyphs into SVS like this:

Table 8 Proposed SVSes for U + 24CB2

Base Character	Variation Selector	Glyph	Description
U + 24CB2	FE00 (VS1)	𪚦	UCS2003
U + 24CB2	FE01 (VS2)	𪚦	GHZ-42549.08
U + 24CB2	FE02 (VS3)	𪚦	T6-5F26

D1) Keep the present situation of U + 24CB2, and add a second kRSUnicode value of 72.9 in the future.

D2) Add two glyphs into IVD like this:

Table 9 Proposed IVSes for U + 24CB2

Base Character	Variation Selector	Glyph	Description
U + 24CB2	E0100 (VS17)	𪛗	UCS2003
U + 24CB2	E0101 (VS18)	𪛘	GHZ-42549.08
U + 24CB2	E0102 (VS19)	𪛙	T6-5F26

4. Error M-source glyph for U+2CC43

Fig. 22 U+2CC43 on The Unicode Standard, Version 9.0



IRGN1606 showed MAC-00119 (aka MAC00119) was based on the book named “*Codificado de Romanizacao do Cantonese*” (aka *Silabário Codificado de Romanização do Cantonense* on the official website of Macao SAR). (pls see Fig. 23) Its Macao Cantonese pronunciation is NGAK.

Fig. 23 MAC-00119 on IRGN1606

MAC00119	額	Based on the book name "Codificado de Romanizacao do Cantonese"	NGAK , Code:9473	額	Reserve	Based on the book name "Codificado de Romanizacao do Cantonese"
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IRGN1739 Part D showed this character was NO. 9473 in the book named “*Codificado de Romanizacao do Cantonese*” (aka *Silabário Codificado de Romanização do Cantonense* on the official website of Macao SAR). (pls see Fig. 24)

Fig. 24 MAC-00119 on IRGN1739 Part D

MAC00119

WAI	TUK			
9471	9472	9473	9474	9475
九夏	合夏	名夏	危夏	升夏
KAO	HAP	NGAK	NGAI	KUAI
9481	9482	9483	9484	9485
風貝	風包			
KOI	PIO			

We found two handwriting glyphs about NO. 9473 on the book named “Codificado de Romanizacao do Cantonese” (aka *Silabário Codificado de Romanização do Cantonense* on the official website of Macao SAR) when we review the book, one was on p. 3003 like IRGN1739 Part D showed, the other was on p. 2867. (pls see Figs. 25 & 26)

Fig. 25 MAC-00119 on *Silabário Codificado de Romanização do Cantonense* (p. 3003)

9473
名夏
NGAK

Fig. 26 MAC-00119 on *Silabário Codificado de Romanização do Cantonense* (p. 2867)

215 - NGAK	額 7345	語 9216	額 9473
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According to Fig. 26, we could find the left hand side of NO. 9473 was 各 not 名 evidently, and

NO. 9473 should be unifiable with 額 (U+981F).

On the other hand, we found the evidence for the character 𠂔名頁. (pls see Fig. 27)

Fig. 27 𠂔名頁 on *Zhōnghuá Zìhǎi*

冷玉龙, 韦一心 等 (Lěng Yùlóng, Wěi Yìxīn, et al): 《中华字海》 (*Zhōnghuá Zìhǎi*), 北京: 中华书局 (Běijīng: Zhonghua Book Company) & 北京: 中国友谊出版公司 (Běijīng: Friendship Publishing Corporation of China), 1994, ISBN 7-5057-0630-6/H • 1, p. 1583

額 “額(額)”的讹字。字见朝鲜
本《龙龕》。
額 é 音俄 | ①同“额”，额头 | >
《汉书·孝成赵皇后传》：“～上有
壮发。”②〔～～〕不休息 | >《书·
益稷》：“傲虐是作，罔昼夜～～。”

We suggest two ways to solve this problem:

A1) Keep the present situation of U+2CC43, and add a kSemanticVariant value of U+981F.

A2) Keep the present situation of U+981F, and add a kSemanticVariant value of U+2CC43.

B1) Change MAC-00119 glyph to be 𠂔各頁, and make it unifiable with U+981F.

B2) Make the source for U+2CC43 become a new U-source glyph. The evidence of the new

U-source ideograph is Fig. 27.

Table 10 Information for a New Proposed U-source Ideograph

Glyph	IDS	Radical	Radical Form	Strokes	First Stroke	Simplified Form	Variant Form	Variant Code Point	U-source Number
額	𠂔各頁 U+2FF0, U+5404, U+9801	181	頁	6	3	N/A	額	U+981F	UTC-xxxxx OR UCI-xxxxx

5. Proposed additional information on CJK Unified Ideographs to ISO/IEC 10646

Annex P

At last, we suggest the four error information could be included to ISO/IEC 10646 Annex P before they will be solved.

Table 11 Proposed Additional Information on CJK Unified Ideographs to ISO/IEC 10646

Annex P

UCS / Glyph	Additional Information
2017B 𠂇 8.11 痛 UCS2003 瀕 V2-6E46	V2-6E46 source glyph for this code point was mistakenly designed.
204AF 𠂇 10.12 窺 UCS2003 窺 V0-4422	V0-4422 source glyph for this code point was mistakenly designed.
24CB2 𠂇 102.9 𠂇 UCS2003 𠂇 GHZ-42549.08 𠂇 T6-5F26	UCS2003 glyph was mistakenly unified to this code point.
2CC43 𠂇 181.6 𠂇 MAC-00119	MAC-00119 source glyph was mistakenly designed from the evidence submitted by Macao SAR to IRG.

(End of Document)

Doc Type: Working Group Document
Title: Comments on nine error glyphs, three wrong glyph designs & one unification on CJK Unified Ideographs Ext B
Source: Eiso Chan (陈永聪), Victor Wong
Author: Eiso Chan (陈永聪)
Status: Individual Contribution
Action: For consideration by JTC1/SC2/WG2/IRG and UTC
Date: 2017-03-12

1. Possible error V-source glyph for U+21846

The IDS of the current UCS2003 glyph for U+21846 is 女眼, but the IDS of the current V-source glyph for U+21846 is 女目? . (pls see Fig. 1.1) 女目? shouldn't be unifiable with 女眼.

Fig. 1.1 U+21846 on The Unicode Standard, Version 9.0



We found this character in the official website of VNPF, Quốc Ngữ is mìn. (pls see Fig. 1.2)

Fig. 1.2 U+21846 on VNPF

Quốc Ngữ	Hán-Nôm	Codepoint	Context	Ref.	English
mìn	娘	U+21846	mẹ mìn, mìn mìn	vhn	child kidnapper

Fig. 1.3 U+21846 on Kangxi-Plus Unicode Han Dictionary

张玉书, 陈廷敬, 王宏源 等 (Zhāng Yùshū, Chén Tíngjìng, Wáng Hóngyuán, et al): 《康熙字典 (增订版)》 (*Kangxi-Plus Unicode Han Dictionary*), 北京: 社会科学文献出版社 [Běijīng: Social Sciences Academic Press (CHINA)], 2015, ISBN 978-7-5097-7093-1, p. 302

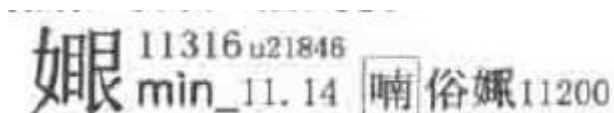
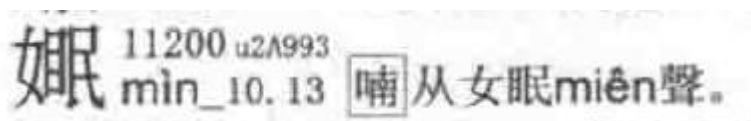


Fig. 1.4 U+2A993 on Kangxi-Plus Unicode Han Dictionary

张玉书, 陈廷敬, 王宏源 等 (Zhāng Yùshū, Chén Tíngjìng, Wáng Hóngyuán, et al): 《康熙字典 (增订版)》 (*Kangxi-Plus Unicode Han Dictionary*), 北京: 社会科学文献出版社 [Běijīng: Social Sciences Academic Press (CHINA)], 2015, ISBN 978-7-5097-7093-1, p. 300



According to Fig. 1.3, U+21846 is the variant form for U+2A993. According to Fig. 1.4, the semantic component (形符) of U+2A993 is 女, and the other part is the phono component (声符). Quốc Ngữ of 眠 is miên which is similar with mìn. (pls see Fig. 1.5) So the best form for mìn in Vietnamese word mẹ mìn & mìn mìn is U+2A993. The right hand side of UCS2003 & V-source glyphs are all the variant form for 眠, but they couldn't be unified with each other.

Fig. 1.5 U+7720 on VNPF

Quốc Ngữ	Hán-Nôm	Codepoint	Context	Ref.	English
miên	眠	U+7720	thôi miên	vhn	to hypnotize, to mesmerize

We suggest three ways to solve this problem:

A1) Encode V0-3521 as a new character, and the kRSUnicode value for the new character is 38.11.

A2) Add a new U-source glyph into U + 21846. The evidence of the new U-source ideograph is

Fig. 1.3.

Table 1.1 Information for a New Proposed U-source Ideograph

Glyph	IDS	Radical	Radical Form	Strokes	First Stroke	Simplified Form	Variant Form	Variant Code Point	U-source Number
𡥉	𡥉女眼 U + 2FF0, U + 5973, U + 773C	38	女	11	2	N/A		U + 2A993	UTC-xxxxx OR UCI-xxxxx

B) Keep the present situation of U + 21846, and add two glyphs into SVS like this:

Table 1.2 Proposed SVSes for U + 21846

Base Character	Variation Selector	Glyph	Description
U + 21846	FE00 (VS1)	𡥉	UCS2003
U + 21846	FE01 (VS2)	𡥉	V0-3521

C) Keep the present situation of U + 2017B, and add two glyphs into IVD like this:

Table 1.3 Proposed IVSes for U + 21846

Base Character	Variation Selector	Glyph	Description
U + 21846	E0100 (VS17)	𡥉	UCS2003
U + 21846	E0101 (VS18)	𡥉	V0-3521

2. Wrong V-source glyph design for U+21BC0



The IDS of the current UCS2003 glyph for U+21BC0 is 𢄀𢄁小, and a horizontal stroke of V2-7456 had been missing.

Fig. 2.1 U+21BC0 on The Unicode Standard, Version 9.0



J-source, G-source, H-source & K-source had pointed out this mistake to V-source in IRG #37, and V-source answered that the V-glyph would be updated. (pls see [IRGN1784VietnamResponse](#) or Fig. 2.2)

Fig. 2.2 IRGN1784VietnamResponse, p. 2

u+21bc0	 21BC0	21BC0 𢄀𢄁小 小 42.29 UCS2003 V2-7456	wrong glyph	J: V2-7456 is modified as in IRG N1792 but it is still wrong. G: A horizontal stroke missing, should be corrected. H: The V-glyph has been modified, but one stroke is missing in the new glyph. K: Four dots are missing in the V-glyph.	V-font will be updated	
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We suggest that V-source update V-glyph as soon as possible.

3. Error G-source glyph for U+2278B

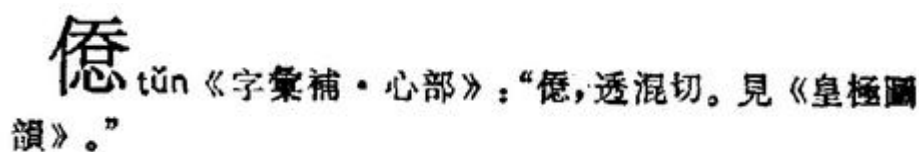
The IDS of the current UCS2003 glyph for U+2278B is 𢀀𢀁 𢀂吞心, but the IDS of the current G-source glyph for U+2278B is 𢀀𢀃 𢀂吞心. (pls see Fig. 3.1) 𢀃 shouldn't be unifiable with 𢀁.

Fig. 3.1 U+2278B on The Unicode Standard, Version 9.0



We showed the evidence in G-sources: GHZ-10207.12 which is in the 《汉语大字典》. (pls see Fig. 3.2)

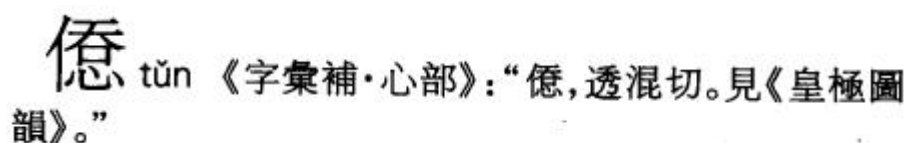
Fig. 3.2 UCS2003 glyph for U+2278B on Hànyǔ Dàzìdiǎn V1, p. 207



The glyph in 《汉语大字典》V2 is the same. (pls see Fig. 3.3)

Fig. 3.3 UCS2003 glyph for U+2278B on Hànyǔ Dàzìdiǎn V2

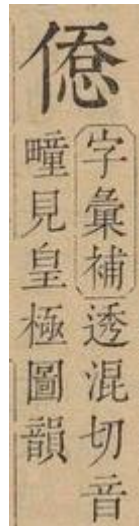
汉语大字典编辑委员会(Hànyǔ Dàzìdiǎn Biānjí Wěiyuánhui): 《汉语大字典(第二版)》(Hànyǔ Dàzìdiǎn V2), 武汉: 湖北长江出版集团崇文书局 (Wǔhàn: Chongwen Publishing House of Hubei Changjiang Publishing Group) & 成都: 四川出版集团四川辞书出版社 (Chéngdū: Sichuan Reference Press of Sichuan Publishing Group), 2010, ISBN 978-7-5403-1744-7, p. 246



We have found more evidences about this glyph.

Figs. 3.4 through 3.6 UCS2003 glyph for U + 2278B on different versions of KangXi Dictionary

内府本《康熙字典》，p. 3725



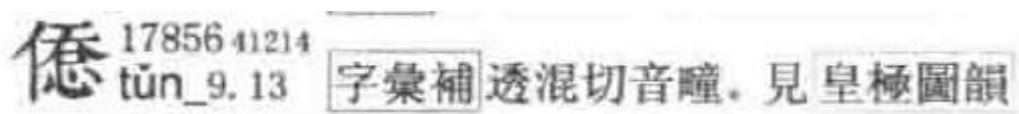
同文書局版《康熙字典》，p. 1555



张玉书, 陈廷敬, 王宏源 等 (Zhāng Yùshū, Chén Tíngjìng, Wáng Hóngyuán, et al): 《康熙字

典 (增订版)》(*Kangxi-Plus Unicode Han Dictionary*), 北京: 社会科学文献出版社 [Běijīng:

Social Sciences Academic Press (CHINA)], 2015, ISBN 978-7-5097-7093-1, p. 479



We suggest four ways to solve this problem:

A) Ask G-source to change the GHZ-10207.12 glyph for U + 2278B.

B1) Withdraw GHZ-10207.12 source glyph for U + 2278B.

B2) Add a new U-source glyph into U + 2278B. The evidence of the new U-source ideograph is

Figs. 3.2 through 3.6.

Table 3.1 Information for a New Proposed U-source Ideograph

Glyph	IDS	Radical	Radical Form	Strokes	First Stroke	Simplified Form	Variant Form	Variant Code Point	U-source Number
億	𠂇 𠂇吞心 U+2FF0, U+4EBB, U+2FF1 U+541E, U+5FC3	61	心	9	3	N/A	N/A	N/A	UTC-xxxxx OR UCI-xxxxx

C) Keep the present situation of U + 2278B, and add two glyphs into SVS like this:

Table 3.2 Proposed SVSes for U + 2278B

Base Character	Variation Selector	Glyph	Description
U + 2278B	FE00 (VS1)	億	UCS2003
U + 2278B	FE01 (VS2)	億	GHZ-10207.12

D) Keep the present situation of U + 2278B, and add two glyphs into IVD like this:

Table 3.3 Proposed IVSes for U + 2278B

Base Character	Variation Selector	Glyph	Description
U + 2278B	E0100 (VS17)	億	UCS2003
U + 2278B	E0101 (VS18)	億	GHZ-10207.12

4. Possible error T-source glyph for U+22E3F

The IDS of the current UCS2003 glyph for U+22E3F is 𢦏 才 籠, but the IDS of the current T-source glyph for U+22E3F is 𢦏 木 籠. (pls see Fig. 4.1) 木 shouldn't be unifiable with 才.

Fig. 4.1 U+22E3F on The Unicode Standard, Version 9.0



The official website of the Master Ideographs Seeker for CNS11643 Chinese Standard Interchange Code (CNS11643 中文標準交換碼全字庫) shows this contradiction because of the disunification of two glyphs for U+22E3F. (pls see Fig. 4.2)

Fig. 4.2 U + 22E3F on The Master Ideographs Seeker

全字庫字型	發 音		
<p>擯 擯 權</p> <p>明體 楷體 宋體</p>	<p>ㄋㄟˋ</p> <p>男聲 女聲</p>		
拼音	<p>漢語</p> <p>fěi</p>		
字義	筆畫	部首	倉頡
相關詞	19	手	QHSY
部 件	木, 𠂇, 匚, 非, 部件版本(CNS11643_2_94)		
筆順序	 <p>本(CNS11643_1_98)</p>		
漢字國屬性	台灣(TF-6246)		

We could find out that the current T-source glyph for U + 237E2 (aka TF-653D) is the same as the current T-source glyph for U + 22E3F (aka TF-6246).

Fig. 4.3 U + 237E2 on The Unicode Standard, Version 9.0

<p>237E2</p> <p>木 75.16</p>	<p>權</p> <p>UCS2003</p>	<p>權</p> <p>TF-653D</p>
-----------------------------	-------------------------	-------------------------

We suggest four ways to solve this problem:

A) Ask T-source to change the TF-6246 glyph for U + 22E3F.

B1) Withdraw the TF-6246 glyph for U + 22E3F.

B2) Add a new U-source glyph into U + 22E3F.

Table 4.1 Information for a New Proposed U-source Ideograph

Glyph	IDS	Radical	Radical Form	Strokes	First Stroke	Simplified Form	Variant Form	Variant Code Point	U-source Number
攏	𠂇 才 𠂇 U + 2FF0, U + 624C, U + 7BDA	64	手	16	3	N/A	N/A	N/A	UCI-xxxxx

C1) Keep the present situation of U + 22E3F, and add a second kRSUnicode value of 75.16 in the future.

C2) Add two glyphs into SVS like this:

Table 4.2 Proposed SVSes for U + 22E3F

Base Character	Variation Selector	Glyph	Description
U + 22E3F	FE00 (VS1)	攏	UCS2003
U + 22E3F	FE01 (VS2)	攏	TF-6246

D1) Keep the present situation of U + 22E3F, and add a second kRSUnicode value of 75.16 in the future.

D2) Add two glyphs into IVD like this:

Table 4.3 Proposed IVSes for U + 22E3F

Base Character	Variation Selector	Glyph	Description
U + 22E3F	E0100 (VS17)	攏	UCS2003
U + 22E3F	E0101 (VS18)	攏	TF-6246

5. Error V-source glyph for U+235F1

The IDS of the current UCS2003 glyph for U+235F1 is 𪗗梨下, but the IDS of the current V-source glyph for U+235F1 is 𪗗𪗗利入木下. (pls see Fig. 5.1) 𪗗利入木 shouldn't be unifiable with 梨.

Fig. 5.1 U+235F1 on The Unicode Standard, Version 9.0



We found this character in the official website of VNPF, Quốc Ngữ is lê. (pls see Fig. 1.2)

Fig. 5.2 U+235F1 on VNPF

Quốc Ngữ	Hán-Nôm	Codepoint	Context	Ref.	English
lê	𪗗	U+235f1	thấp lê tè	vhn	

We think the semantic component of U+235F1 is 下, and the other part is the phono component.

Quốc Ngữ of 梨 is lê which is similar with lê (pls see Fig. 5.3), but 𪗗利入木 isn't an already known ideograph / chữ Hán / chữ nho in Unicode for us. So we think V-source glyph for U+235F1 may be wrong.

Fig. 5.3 U+68A8 on VNPF





Quốc Ngữ	Hán-Nôm	Codepoint	Context	Ref.	English
lê	梨	U+68a8	quả lê	vhn	pear; opera; cut, slash

We suggest four ways to solve this problem:

A) Change the V-source glyph to 𪗗梨下 like the glyph on VNPF. (pls see [IRGN1784](#))

[VietnamResponse](#) or Fig. 5.4)



Fig. 5.4 IRGN1784 VietnamResponse

Code	Glyph in UCS 2003	Glyph in IRGN1784	Comment type	Comment	V-Answer	V-Font
u+235f1	 235F1	235F1  75.12 UCS2003  V0-354D	wrong glyph	J: This is postponed at IRG #36 however they cannot be unified. 利 梨 G: 木 and 梨 not unifiable, need V glyph to change back.. K: V glyph wrong, an extra 人 is added.	V-font will be updated	

B1) Encode V0-354D as a new character, and the kRSUnicode value for the new character is 75.12.

B2) Add a new U-source glyph into U + 235F1.



Table 5.1 Information for a New Proposed U-source Ideograph

Glyph	IDS	Radical	Radical Form	Strokes	First Stroke	Simplified Form	Variant Form	Variant Code Point	U-source Number
	 U + 2FF0, U + 68A8, U + 4E0B	75	木	10	3	N/A	N/A	N/A	UCI-xxxxxx

C1) Keep the present situation of U + 235F1, and add a second kRSUnicode value of 75.12 in the future.

C2) Add two glyphs into SVS like this:

Table 5.2 Proposed SVSes for U + 235F1

Base Character	Variation Selector	Glyph	Description
U + 235F1	FE00 (VS1)		UCS2003
U + 235F1	FE01 (VS2)		V0-354D

D1) Keep the present situation of U + 235F1, and add a second kRSUnicode value of 75.12 in the future.

D2) Add two glyphs into IVD like this:

Table 5.3 Proposed IVSes for U+235F1

Base Character	Variation Selector	Glyph	Description
U+235F1	E0100 (VS17)	𪗇	UCS2003
U+235F1	E0101 (VS18)	𪗈	V0-354D

6. Error UCS2003 glyph for U+2386E

The IDS of the current UCS2003 glyph for U+2386E is 𣏟𣏟, but the IDS of the current T-source glyph for U+2386E is 𣏟木𣏟. (pls see Fig. 6.1) 木 shouldn't be unifiable with 𣏟.

Fig. 6.1 U+2386E on The Unicode Standard, Version 9.0



The radical for U+2386E on the official website of the Master Ideographs Seeker for CNS11643 Chinese Standard Interchange Code is Radical #75 木. (pls see Fig. 6.2) It's different from UCS2003 glyph for U+2386E.

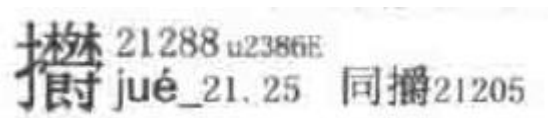
Fig. 6.2 U+2386E on The Master Ideographs Seeker

全字庫字型	發 音		
 明體 楷體 宋體	 男聲 女聲		
拼音	漢語 jué		
字義	筆畫	部首	倉頡
相關詞	25	木	DDDI
部 件	 部件版本(CNS11643_2_94)		
筆順序	 筆順序版本(CNS11643_1_98)		
漢字國屬性	台灣(TF-6C2D)		

We found U+2386E on *Kangxi-Plus Unicode Han Dictionary*. Mr. Wáng and his team thought that it's the variant form of 櫛 (U+3A71), but we couldn't find more information about this view.

Fig. 6.3 U+2386E on Kangxi-Plus Unicode Han Dictionary

张玉书, 陈廷敬, 王宏源 等 (Zhāng Yùshū, Chén Tíngjìng, Wáng Hóngyuán, et al): 《康熙字典 (增订版)》(*Kangxi-Plus Unicode Han Dictionary*), 北京: 社会科学文献出版社 [Běijīng: Social Sciences Academic Press (CHINA)], 2015, ISBN 978-7-5097-7093-1, p. 579




We suggest three ways to solve this problem:

A1) Encode TF-6C2D as a new ideograph, and the kRSUnicode value for it is 75.21.

A2) Add a new U-source glyph into U + 2386E, and change the kRSUnicode value for it of 64.21.

We don't think Fig. 6.3 has shown a favourable evidence for this glyph.



Table 6.1 Information for a New Proposed U-source Ideograph

Glyph	IDS	Radical	Radical Form	Strokes	First Stroke	Simplified Form	Variant Form	Variant Code Point	U-source Number
	𢦏才 𢦏 U + 2FF0, U + 624C, U + 23835	64	手	21	1	N/A	𢦏	U + 3A71	UCI-xxxxx

B1) Keep the present situation of U + 2386E, and add a second kRSUnicode value of 64.21 in the future.

B2) Add two glyphs into SVS like this:



Table 6.2 Proposed SVSes for U + 2386E

Base Character	Variation Selector	Glyph	Description
U + 2386E	FE00 (VS1)		UCS2003
U + 2386E	FE01 (VS2)		TF-6C2D

C1) Keep the present situation of U + 2386E, and add a second kRSUnicode value of 64.21 in the future.

C2) Add two glyphs into IVD like this:

Table 6.3 Proposed IVSes for U+2386E

Base Character	Variation Selector	Glyph	Description
U+2386E	E0100 (VS17)		UCS2003
U+2386E	E0101 (VS18)		TF-6C2D

7. Error T-source glyph for U+23A26

The IDS of the current UCS2003 glyph or G-source glyph for U+23A26 is 𠂔𠂔从戈, but the IDS of the current T-source glyph for U+23A26 is 𠂔𠂔^々戈. (pls see Fig. 7.1) 𠂔^々戈 shouldn't be unifiable with 𠂔从戈.

Fig. 7.1 U+23A26 on The Unicode Standard, Version 9.0



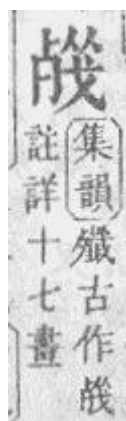
We show the evidence in one of the original sources: GKX-0582.04 which is in *KangXi Dictionary*. (pls see Fig. 7.3)

Figs. 7.2 through 7.4 GKX-0582.04 Glyph on Different Versions of KangXi Dictionary

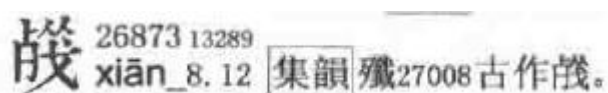
内府本《康熙字典》（午集備考），p. 1391



同文書局版《康熙字典》（午集備考），p. 582



张玉书, 陈廷敬, 王宏源 等 (Zhāng Yùshū, Chén Tíngjìng, Wáng Hóngyuán, et al): 《康熙字典（增订版）》 (*Kangxi-Plus Unicode Han Dictionary*), 北京: 社会科学文献出版社 [Běijīng: Social Sciences Academic Press (CHINA)], 2015, ISBN 978-7-5097-7093-1, p. 738



We have found more evidences about this glyph.

Fig. 7.5 GKX-0582.04 Glyph on *Zhōnghuá Dà Zìdiǎn*

徐元誥, 歐陽溥存, 汪長祿 (Xǔ Yuángào, Ōuyáng Pǔcún, Wāng Chánglù): 《中華大字典》
(*Zhōnghuá Dà Zìdiǎn*), 香港: 中華書局 [Hong Kong: Chung Hwa Book Co. (H.K.) Ltd.], 1958,
30686, p. 794

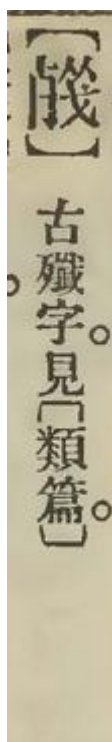


Fig. 7.6 GKX-0582.04 Glyph on *Zhōngwén Dà Cìdiǎn*

張其昀 等 (Zhāng Qíyún, et al.): 《中文大辭典》 (*Zhōngwén Dà Cìdiǎn*, aka *Comprehensive Dictionary of the Chinese Language*), 臺北: 中國文化研究所 (Taipei: Zhōngguó Wénhuà Yánjiūsuǒ), 1973, p. 7672

𣎵
16873

殲之古字。〔集韻〕殲、古作𣎵。

Fig. 7.7 GKX-0582.04 Glyph on *Zhōnghuá Zìhǎi*

冷玉龙, 韦一心 等 (Lěng Yùlóng, Wěi Yìxīn, et al.): 《中华字海》 (*Zhōnghuá Zìhǎi*), 北京: 中华书局 (Běijīng: Zhonghua Book Company) & 北京: 中国友谊出版公司 (Běijīng: Friendship Publishing Corporation of China), 1994, ISBN 7-5057-0630-6/H • 1, p. 810

𣎵 同“殲”。见《直音篇》。

Fig. 7.8 GKX-0582.04 Glyph on Hànyǔ Dàzìdiǎn V2

汉语大字典编辑委员会(Hànyǔ Dàzìdiǎn Biānjí Wěiyuánhùi): 《汉语大字典(第二版)》(*Hànyǔ Dàzìdiǎn V2*), 武汉: 湖北长江出版集团崇文书局 (Wūhàn: Chongwen Publishing House of Hubei Changjiang Publishing Group) & 成都: 四川出版集团四川辞书出版社 (Chéngdū: Sichuan Reference Press of Sichuan Publishing Group), 2010, ISBN 978-7-5403-1744-7, p. 1512

戔同“殲”。《集韻·鹽韻》：“殲，古作戔。”

The official website of the Master Ideographs Seeker for CNS11643 Chinese Standard Interchange Code shows this contradiction because of the disunification of two glyphs for U+23A26. (pls see Fig. 7.9)

Fig. 7.9 U+23A26 on The Master Ideographs Seeker

全字庫字型	發音		
戔 戔 戔 明體 楷體 宋體	ㄐ ㄣ 男聲 女聲		
拼音	漢語 jiān		
字義	筆畫	部首	倉頡
相關詞	13	歹	YBOOI
部件	乚, 冂, 一, 𠂇, 戈, 部件版本(CNS11643_2_94)		
筆順序	丨, 一, 丨, 冂, 一, 丿, 丶, 丿, 丶, 一, 冂, 丶, 丿, 筆順序版本(CNS11643_1_94)		
漢字國屬性	台灣(T6-5371) 中國(G_KX)		

The "MOE" Dictionary of Chinese Character Variants (“教育部” 異體字字典) shows the key

evidences for T6-5371. (pls see Fig. 7.10) When we review the key evidences such as Fig. 7.3, Fig. 7.6 and so on, we thought T6-5371 glyph was error for its evidences.

Fig. 7.10 U+23A26 on The "MOE" Dictionary of Chinese Character Variants

<div>𪛗 A02088-002</div>	
部首筆畫	歹 - 08 - 13
內容	<p>〔關鍵文獻〕</p> <p>《集韻·平聲·鹽韻》。</p> <p>《康熙字典·歹部》。</p> <p>《中文大辭典·歹部》。</p>

We suggest four ways to solve this problem:

- A) Ask T-source to change the T6-5371 glyph.
- B) Encode T6-5371 as a new ideograph, and the kRSUnicode value for it is 78.10.
- C1) Keep the present situation of U+23A26, and add a second kRSUnicode value of 78.10 in the future.
- C2) Add three glyphs into SVS like this:

Table 7.1 Proposed SVSes for U+23A26

Base Character	Variation Selector	Glyph	Description
U+23A26	FE00 (VS1)	𪛗	UCS2003
U+23A26	FE01 (VS2)	𪛗	GKX-0582.04
U+23A26	FE02 (VS3)	𪛗	T6-5371

D1) Keep the present situation of U + 23A26, and add a second kRSUnicode value of 78.10 in the future.

D2) Add three glyphs into IVD like this:

Table 7.2 Proposed IVSes for U + 23A26

Base Character	Variation Selector	Glyph	Description
U + 23A26	E0100 (VS17)	𪗇	UCS2003
U + 23A26	E0101 (VS18)	𪗈	GKX-0582.04
U + 23A26	E0102 (VS19)	𪗉	T6-5371

8. Error T-source glyph for U+24120

The IDS of the current UCS2003 glyph for U+24120 is 𡗗 𡗗, but the IDS of the current T-source glyph for U+24120 is 𡗗 𡗗. (pls see Fig. 8.1) 𡗗 shouldn't be unifiable with 𡗗.

Fig. 8.1 U+24120 on The Unicode Standard, Version 9.0



The official website of the Master Ideographs Seeker for CNS11643 Chinese Standard Interchange Code shows this contradiction because of the disunification of two glyphs for U+24120. (pls see Fig. 8.2)

Fig. 8.2 U + 24120 on The Master Ideographs Seeker

全字庫字型	發 音		
 明體 楷體 宋體			
拼音	漢語 pín		
字義	筆畫	部首	倉頡
相關詞	21	水	ETJC
部 件	才, 艹, 艹, 一, 少, 貝, 部件版本(CNS11643_2_94)		
筆順序	 本(CNS11643_1_98)		
漢字國屬性	台灣(TF-676A)		

According to Fig. 8.2, we thought TF-676A glyph was error.




We suggest four ways to solve this problem:

A) Ask T-source to change the TF-676A glyph for U + 24120.

B1) Withdraw the TF-676A glyph for U + 24120.

B2) Add a new U-source glyph into U + 24120.

Table 8.1 Information for a New Proposed U-source Ideograph

Glyph	IDS	Radical	Radical Form	Strokes	First Stroke	Simplified Form	Variant Form	Variant Code Point	U-source Number
	 U + 2FF0, U + 6C35, U + 85B2	85		18	1	N/A	N/A	N/A	UCI-xxxxxx

C1) Keep the present situation of U + 24120, and add a second kRSUnicode value of 64.18 in the

future.

C2) Add two glyphs into SVS like this:

Table 8.2 Proposed SVSes for U+24120

Base Character	Variation Selector	Glyph	Description
U+24120	FE00 (VS1)	濱	UCS2003
U+24120	FE01 (VS2)	攢	TF-676A

D1) Keep the present situation of U+24120, and add a second kRSUnicode value of 64.18 in the future.

D2) Add two glyphs into IVD like this:

Table 8.3 Proposed IVSes for U+24120

Base Character	Variation Selector	Glyph	Description
U+24120	E0100 (VS17)	濱	UCS2003
U+24120	E0101 (VS18)	攢	TF-676A

9. Wrong V-source glyph design for U+244C7

The IDS of the current UCS2003 glyph glyph for U+244C7 is 𤇑火瓊, but the IDS of the current T-source glyph for U+244C7 is 𤇑火王𠂔𠂔夕𠂔目久. (pls see Fig. 9.1)

Fig. 9.1 U+244C7 on The Unicode Standard, Version 9.0



The official website of VNPF shows a new V-source glyph for U+244C7.

Fig. 9.2 U+244C7 on VNPF

Quốc Ngữ	Hán-Nôm	Codepoint	Context	Ref.	English
quăng	𤇗	U+244c7	quăng sáng	vhn	aureola

This mistake had been pointed out in IRG #36, and V-source answered that the V-glyph would be updated. (pls see [IRGN1792Updated V Font for CJK B](#) or Fig. 9.3)

Fig. 9.3 IRGN1792Updated V Font for CJK_B, p. 1

UCS Code	Glyph in UCS2003	Glyph in IRG N1748	Updated font
23E54	洄 UCS2003	23E54 水 85.9 洄 洄 UCS2003 V2-7A50	洄
24448	燿 UCS2003	24448 火 86.14 燿 燿 UCS2003 V2-7B76	燿
244C7	爍 UCS2003	244C7 火 86.18 爍 爍 UCS2003 V3-337D	爍

We suggest that V-source update V-glyph like the glyph on VNPF as soon as possible.

10. Wrong G-source glyph design for U+2459B

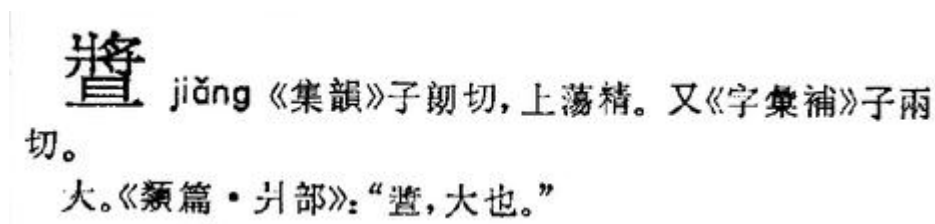
The IDS of the current UCS2003 glyph or G-source glyph for U+2459B is 𪛗, but the IDS of the current T-source glyph for U+2459B is 𪛘. (pls see Fig. 10.1)

Fig. 10.1 U+244C7 on The Unicode Standard, Version 9.0



When we reviewed one of the original sources: GHZ-42378.21, we thought the G-source glyph design was wrong. (pls see Fig. 10.2) The IDS of GHZ-42378.21 glyph should be 𪛘.

Fig. 10.2 GHZ-42378.21 on Hànyǔ Dàzìdiǎn V1



[IRGN2179IRG Working Set2015v3.0Unified Withdrawn](#) shows UTC-02856 had been withdrawn, because somebody thought it should be unifiable with 𪛗(U+2C312).

Fig. 10.3 IRGN2179Unified&WithdrawnV3.0, p. 25

02343	90					𪛗 UTC-02856	withdrawn, irg46.
	𪛗						
	12 3						

Fig. 10.4 UTC-02856 on BabelStone

U+EB49	𪛗	𪛘	U+2C312 𪛗	HFDC p. 6956	UTC-02856	Ext. G Candidate (IRGN2107)
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We thought UTC-02856 should be unifiable with U+2459B, so we suggest two ways to solve this problem:

A) Ask G-source to change the GHZ-42378.21 glyph for U + 2459B.

B1) Withdraw the GHZ-42378.21 glyph for U + 2459B.

B2) Make UTC-02856 be unifiale with U + 2459B.

11. Disunification for U+24662

The IDS of the current UCS2003 glyph or G-source glyph for U+24662 is 𠂔 𠂔, but the IDS of the current T-source glyph for U+24662 is 𠂔 𠂔. (pls see Fig. 11.1) 𠂔 shouldn't be unifiable with 𠂔.

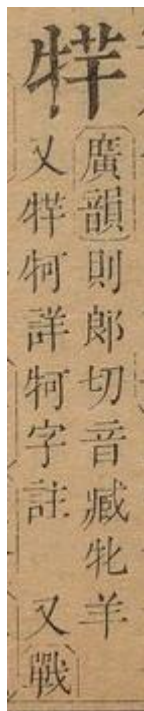
Fig. 11.1 U+24662 on The Unicode Standard, Version 9.0



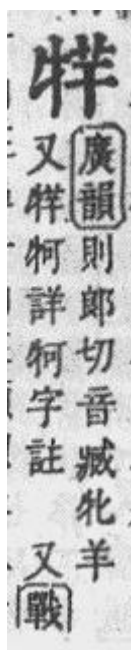
We show the evidence in one of the original sources: GKX-0701.13 which is in *KangXi Dictionary*. (pls see Fig. 11.3)

Figs. 11.2 through 11.4 GKX-0701.13 on different versions of KangXi Dictionary

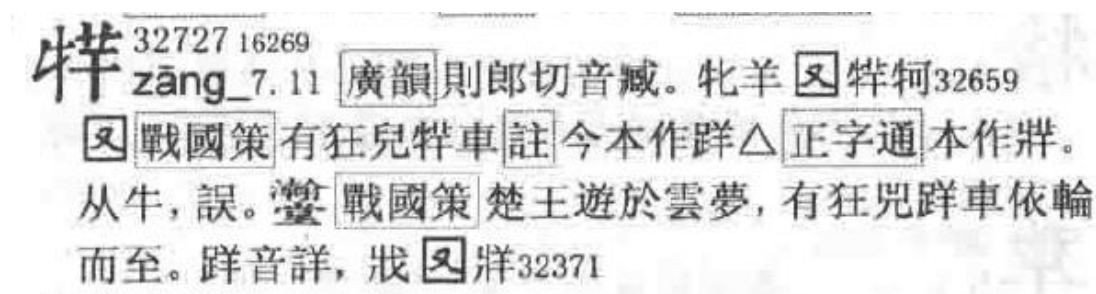
内府本《康熙字典》，p. 1678



同文書局版《康熙字典》，p. 701



张玉书, 陈廷敬, 王宏源 等 (Zhāng Yùshū, Chén Tíngjìng, Wáng Hóngyuán, et al): 《康熙字典 (增订版)》(*Kangxi-Plus Unicode Han Dictionary*), 北京: 社会科学文献出版社 [Běijīng: Social Sciences Academic Press (CHINA)], 2015, ISBN 978-7-5097-7093-1, p. 905



According to Fig. 11.5, we thought T5-334B was a different character from GKX-0701.13.

全字庫字型	發 音		
<div>特 样 特</div> <div>明體 楷體 宋體</div>	<div>ㄣˊ</div> <div>男聲 女聲</div>		
拼音	漢語 yù		
字義	筆畫	部首	倉頡
相關詞	11	牛	HQTMD
部 件	𠂇, 𠂆, 于, 部件版本(CNS11643_2_94)		
筆順序	丿, 一, 丨, 一, 丨, 一, 一, 丨, 一, 一, ㇇, 筆順序版本(CNS11643_1_94)		
漢字國屬性	台灣(T5-334B) 中國(G_KX)		

A) Encode T5-334B as a new ideograph, and the kRSUnicode value for it is 93.7.

Table 11.1 Proposed SVSes for U+24662

Base Character	Variation Selector	Glyph	Description
U + 24662	FE00 (VS1)	𠩺	UCS2003
U + 24662	FE01 (VS2)	𠩻	GKX-0701.13
U + 24662	FE02 (VS3)	𠩼	T5-334B

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Table 11.2 Proposed IVSes for U + 24662

Base Character	Variation Selector	Glyph	Description
U + 24662	E0100 (VS17)	𠂔	UCS2003
U + 24662	E0101 (VS18)	𠂕	GKX-0701.13
U + 24662	E0102 (VS19)	𠂖	T5-334B

12. Error T-source glyph for U+26C16

The IDS of the current UCS2003 glyph or G-source glyph for U+26C16 is 𠂔⁺抛, but the IDS of the current T-source glyph for U+26C16 is 𠂔^{^^}抛. (pls see Fig. 12.1) ^{^^} shouldn't be unifiable with 𠂔⁺.

Fig. 12.1 U+26C16 on The Unicode Standard, Version 9.0



The official website of the Master Ideographs Seeker for CNS11643 Chinese Standard Interchange Code shows this contradiction because of the disunification of two glyphs for U+26C16. (pls see Fig. 12.2)

Fig. 12.2 U + 26C16 on The Master Ideographs Seeker

全字庫字型	發 音		
			
拼音	漢語 wō		
字義	筆畫	部首	倉頡
相關詞	12	艸	TQKS
部 件	 部件版本(CNS11643_2_94)		
筆順序	 筆順序版本(CNS11643_1_94)		
漢字國屬性	台灣(T5-3B5D) 中國(G_HZ) 北韓(KP1-6E6D)		

We suggest three ways to solve this problem:

A) Encode T5-3B5D as a new ideograph, and the kRSUnicode value for it is 118.8.

B1) Keep the present situation of U + 26C16, and add a second kRSUnicode value of 118.8 in the future.

B2) Add three glyphs into SVS like this:

Table 12.1 Proposed SVSes for U + 26C16

Base Character	Variation Selector	Glyph	Description
U + 26C16	FE00 (VS1)	𐍚	UCS2003
U + 26C16	FE01 (VS2)	𐍚	GHZ-53214.11
U + 26C16	FE02 (VS3)	𐍛	T5-3B5D

C1) Keep the present situation of U + 26C16, and add a second kRSUnicode value of 118.8 in the future.

C2) Add three glyphs into IVD like this:

Table 12.2 Proposed IVSes for U + 26C16

Base Character	Variation Selector	Glyph	Description
U + 26C16	E0100 (VS17)	𐍚	UCS2003
U + 26C16	E0101 (VS18)	𐍚	GHZ-53214.11
U + 26C16	E0102 (VS19)	𐍛	T5-3B5D

13. Error T-source glyph for U+281AF

The IDS of the current UCS2003 glyph or G-source glyph or H-source for U+281AF is 𪚦 僕, but the IDS of the current T-source glyph for U+281AF is 𪚦 業. (pls see Fig. 13.1) 業 shouldn't be unifiable with 僕.

Fig. 13.1 U+281AF on The Unicode Standard, Version 9.0



The official website of the Master Ideographs Seeker for CNS11643 Chinese Standard Interchange Code shows this contradiction because of the disunification of two glyphs for U+281AF. (pls see Fig. 13.2) And T7-5544 should be unifiable with U+8E7C.

Fig. 13.2 U+281AF on The Master Ideographs Seeker

全字庫字型	發 音		
<p>躡 躡 躡</p> <p>明體 楷體 宋體</p>	<p>ㄉㄨˋ</p> <p>男聲 女聲</p>		
拼音	<p>漢語</p> <p>pú</p>		
字義	筆畫	部首	倉頡
相關詞	21	足	RMOTO
部 件	口, 止, 艹, 艹, 夫, 部件版本(CNS11643_2_94)		
筆順序	 <p>筆順序版本(CNS11643_1_94)</p>		
漢字國屬性	台灣(T7-5544) 中國(G_KX) 北韓(KP1-7BAF)		

We suggest three ways to solve this problem:

A) Make T7-5544 be unifiable with U+8E7C.

B1) Keep the present situation of U+281AF, and add a second kRSUnicode value of 157.12 in the future.

B2) Add four glyphs into SVS like this:

Table 13.1 Proposed SVSes for U+281AF

Base Character	Variation Selector	Glyph	Description
U+281AF	FE00 (VS1)	蹠	UCS2003
U+281AF	FE01 (VS2)	蹠	GKX-1235.21
U+281AF	FE02 (VS3)	蹠	T7-5544
U+281AF	FE03 (VS4)	蹠	H-9D41

C1) Keep the present situation of U+281AF, and add a second kRSUnicode value of 157.12 in the future.

C2) Add four glyphs into IVD like this:

Table 13.2 Proposed IVSes for U+26C16

Base Character	Variation Selector	Glyph	Description
U+281AF	E0100 (VS17)	蹠	UCS2003
U+281AF	E0101 (VS18)	蹠	GKX-1235.21
U+281AF	E0102 (VS19)	蹠	T7-5544
U+281AF	E0103 (VS20)	蹠	H-9D41

14. Proposed additional information on CJK Unified Ideographs to ISO/IEC 10646

Annex P

At last, we suggest the twelve error information could be included to ISO/IEC 10646 Annex P before they will be solved. One error information had been included in Annex P.

Table 14.1 Proposed Additional Information on CJK Unified Ideographs to ISO/IEC 10646

Annex P

UCS / Glyph	Additional Information
21846 <small>女 38.11</small>   UCS2003 V0-3521	V0-3521 source glyph for this code point was mistakenly designed.
21BC0 <small>小 42.29</small>   UCS2003 V2-7456	V2-7456 source glyph for this code point was mistakenly designed.
2278B <small>心 61.9</small>   UCS2003 GHZ-10207.12	GHZ-10207.12 source glyph for this code point was mistakenly designed.
22E3F <small>手 64.16</small>   UCS2003 TF-6246	TF-6246 source glyph for this code point was mistakenly designed.
2386E <small>木 75.21</small>   UCS2003 TF-6C2D	UCS2003 glyph for this code point was mistakenly designed.
23A26 <small>歹 78.8</small>    UCS2003 GKX-0582.04 T6-5371	T6-5371 source glyph for this code point was mistakenly designed.
24120 <small>水 85.18</small>   UCS2003 TF-676A	TF-676A source glyph for this code point was mistakenly designed.

<p>244C7 火 86.19</p> <p>燿 燿</p> <p>UCS2003 V3-337D</p>	<p>T3-337D source glyph for this code point was mistakenly designed.</p>
<p>2459B 𠂔 90.12</p> <p>𠂔 𠂔 𠂔</p> <p>UCS2003 GHZ-42378.21 T5-5544</p>	<p>UCS2003 and GHZ-42378.21 source glyph for this code point was mistakenly designed.</p>
<p>24662 牛 93.7</p> <p>𠂔 𠂔 𠂔</p> <p>UCS2003 GKX-0701.13 T5-334B</p>	<p>The T5-334B source glyph should have been unified with U + 24662.</p>
<p>26C16 𠂔 140.8</p> <p>𠂔 𠂔 𠂔</p> <p>UCS2003 GHZ-53214.11 T5-3B5D</p>	<p>T5-3B5D source glyph for this code point was mistakenly designed.</p>
<p>281AF 足 157.14</p> <p>蹠 蹠 蹠</p> <p>UCS2003 GKX-1235.21 T7-5544</p> <p>蹠</p> <p>H-9D41</p>	<p>T7-5544 source glyph for this code point was mistakenly designed.</p>