

**Doc Type:** Working Group Document  
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### 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



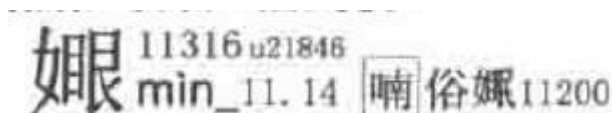
We found this character in the official website of VNPF, Quốc Ngữ is mìn. (pls see Fig. 1.2)

Fig. 1.2 U+21846 on VNPF

Quốc Ngữ	Hán-Nôm	Codepoint	Context	Ref.	English
mìn	𡵓	<a href="#">U+21846</a>	mẹ mìn, mìn mìn	<a href="#">vhn</a>	child kidnapper

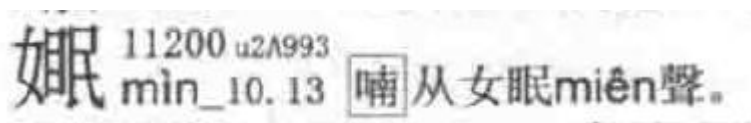
*Fig. 1.3 U+21846 on Kangxi-Plus Unicode Han Dictionary*

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	<a href="#">U+7720</a>	thôi miên	<a href="#">vhn</a>	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 𢀀𢀁𢀂, 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	𢀀𢀁𢀂 21BC0	21BC0 𢀀𢀁𢀂 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	𢀀𢀁𢀂
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We suggest that V-source update V-glyph as soon as possible.

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

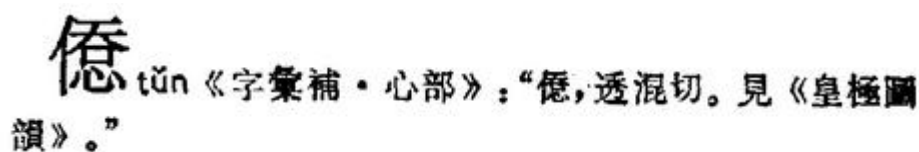
The IDS of the current UCS2003 glyph for U+2278B is 𢗗 𢗗心, but the IDS of the current G-source glyph for U+2278B is 𢗗 𢗗心. (pls see Fig. 3.1) 𢗗 shouldn't be unifiable with 𢗗.

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)

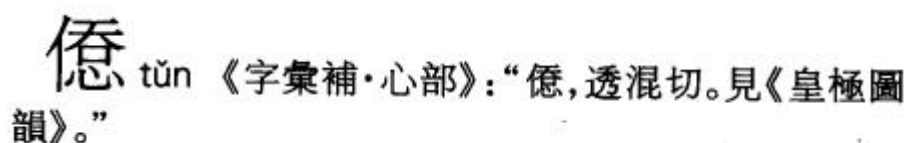
Fig. 3.2 UCS2003 glyph for U+2278B on Hànyǔ Dàzìdiǎn V1, p. 207



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

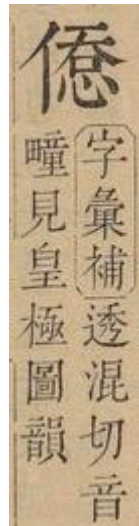
汉语大字典编辑委员会(Hànyǔ Dàzìdiǎn Biānjí Wěiyuánhui): 《汉语大字典(第二版)》(Hànyǔ Dàzìdiǎn V2), 武汉: 湖北长江出版集团崇文书局 (Wǔhàn: Chongwen Publishing House of Hubei Changjiang Publishing Group) & 成都: 四川出版集团四川辞书出版社 (Chéngdū: Sichuan Reference Press of Sichuan Publishing Group), 2010, ISBN 978-7-5403-1744-7, p. 246



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



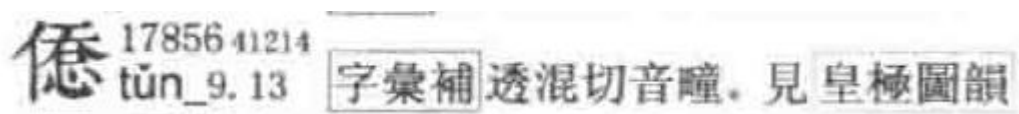
同文書局版《康熙字典》，p. 1555



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
僣	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-xxxxxx  OR UCI-xxxxxx

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)	僣	UCS2003
U + 2278B	FE01 (VS2)	僣	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)	僣	UCS2003
U + 2278B	E0101 (VS18)	僣	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, 匸, 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>
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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 梨下, but the IDS of the current V-source glyph for U+235F1 is 利入木下. (pls see Fig. 5.1) 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	梨	<a href="#">U+235f1</a>	thấp lê tè	<a href="#">vhn</a>	

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 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	<a href="#">U+68a8</a>	quả lê	<a href="#">vhn</a>	pear; opera; cut, slash

We suggest four ways to solve this problem:

A) Change the V-source glyph to 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 艹 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 𣏟𣏟. (pls see Fig. 6.1) 𣏟 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.

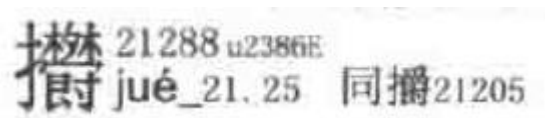
Fig. 6.2 U+2386E on The Master Ideographs Seeker

全字庫字型	發 音		
 明體 楷體 宋體			
拼音	漢語 jué		
字義	筆畫	部首	倉頡
相關詞	25	木	DDDI
部 件	木, 木, 夕, 木, 一, 艮, 寸, 部件版本(CNS11643_2_94)		
筆順序	 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<sup>々</sup>戈. (pls see Fig. 7.1) 𠂔<sup>々</sup>戈 shouldn't be unifiable with 𠂔从戈.

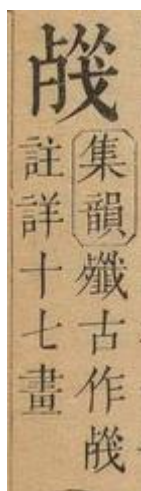
Fig. 7.1 U+23A26 on The Unicode Standard, Version 9.0



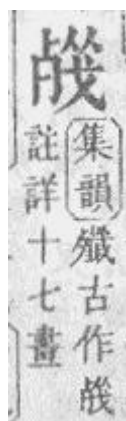
We show the evidence in one of the original sources: GKX-0582.04 which is in *KangXi Dictionary*. (pls see Fig. 7.3)

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

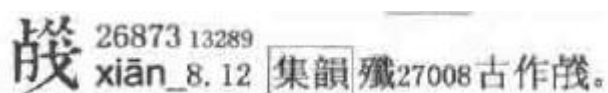
内府本《康熙字典》（午集備考），p. 1391



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

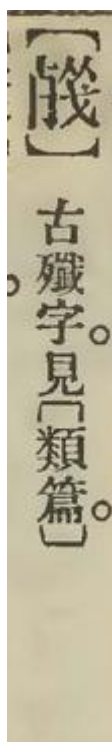


Fig. 7.6 GKX-0582.04 Glyph on *Zhōngwén Dà Cìdiǎn*

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, ㇏, 丿, ㇏, 一, 冂, 丿, 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		
			
拼音	漢語 pīn		
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	 筆順序版本(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	<a href="#">U+244c7</a>	quăng sáng	<a href="#">vhn</a>	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	燉 UCS2003	24448 火 86.14 燉 燉 UCS2003 V2-7B76	燉
244C7	燠 UCS2003	244C7 火 86.18 燠 燠 UCS2003 V3-337D	燠

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

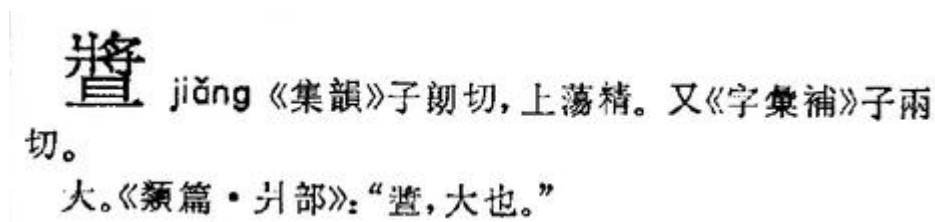
The IDS of the current UCS2003 glyph or G-source glyph for U+2459B is 𪚩將旦, but the IDS of the current T-source glyph for U+2459B is 𪚩將且. (pls see Fig. 10.1)

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 𪚩將且.

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 𪚩(U+2C312).

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

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

Fig. 10.4 UTC-02856 on BabelStone

U+EB49	𪚩	𪚩將且	U+2C312 𪚩	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.

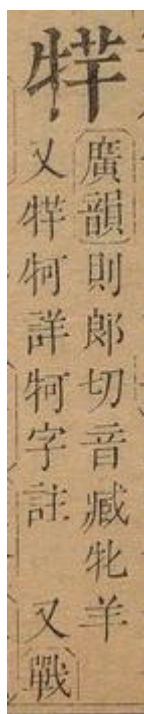
Fig. 11.1 U+24662 on The Unicode Standard, Version 9.0



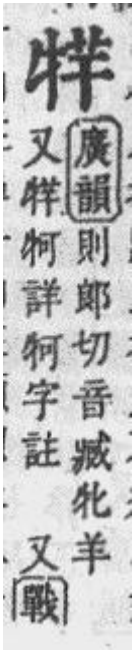
We show the evidence in one of the original sources: GKX-0701.13 which is in *KangXi Dictionary*. (pls see Fig. 11.3)

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

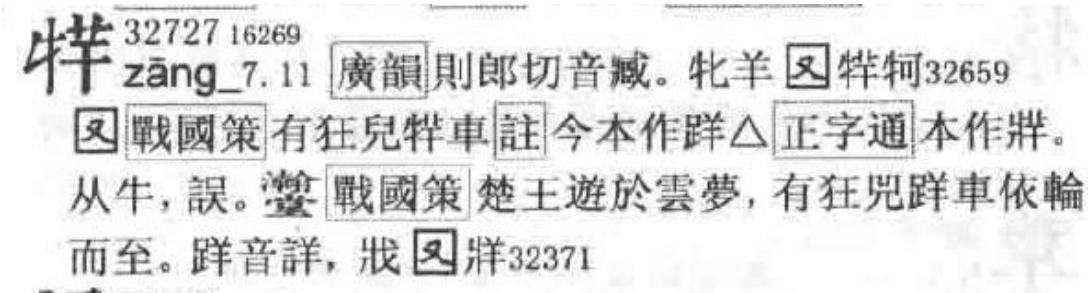
内府本《康熙字典》，p. 1678



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.



Fig. 11.5 U + 24662 on The Master Ideographs Seeker

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

We suggest three ways to solve this problem:

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

B) Keep the present situation of U + 24662, and add three glyphs into SVS like this:

Table 11.1 Proposed SVSes for U + 24662

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

C) Keep the present situation of U + 24662, and add three glyphs into IVD like this:

*Table 11.2 Proposed IVSes for U + 24662*

Base Character	Variation Selector	Glyph	Description
U + 24662	E0100 (VS17)	𠩺	UCS2003
U + 24662	E0101 (VS18)	𠩻	GKX-0701.13
U + 24662	E0102 (VS19)	𠩼	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<sup>+</sup>抛, but the IDS of the current T-source glyph for U+26C16 is 𠂔<sup>^^</sup>抛. (pls see Fig. 12.1) <sup>^^</sup> shouldn't be unifiable with 𠂔<sup>+</sup>.

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		
 明體 楷體 宋體			
拼音	漢語 wō		
字義	筆畫	部首	倉頡
相關詞	12	艸	TQKS
部 件	 扌, 九, 力, 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)	𪗇	UCS2003
U + 26C16	FE01 (VS2)	𪗈	GHZ-53214.11
U + 26C16	FE02 (VS3)	𪗉	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)	𪗇	UCS2003
U + 26C16	E0101 (VS18)	𪗈	GHZ-53214.11
U + 26C16	E0102 (VS19)	𪗉	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.

全字庫字型	發 音		
<p>躡 躡 躡</p> <p>明體 楷體 宋體</p>	<p>ㄋㄨˋ</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)		

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

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

<p>244C7 火 86.19</p> <p>燼 燼</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>