Date 2024-10-10

Source:	CheonHyeong Sim (沈天珩, aka TianHeng Shen)				
Title:	Proposal to Disunify two Kangxi Characters (Redux)				
Status:	Individual Contribution on IRG #63				
Action:	To be considered by IRG and multiple sources				

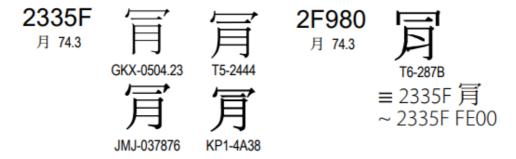
# Background

In IRGN2537, I proposed to disunify 8 characters, then TCA had a feedback, and after that there was no further discussion. The feedback from TCA pointed out that they agreed to disunify one of those characters, however even that character is now still not disunified. I asked Selena last year and she said that TCA was waiting for the opinions from China. In this proposal, I would like to propose to disunify 2 of those characters again with additional references, and hope to get feedback from multiple sources.

- 1. U+2335F (肓)
- 2. U+6B25 (欧)

## U+2335F (肓)

U+2335F, along with its compatibility character U+2F980 looks like the below picture in Unicode 16.0:



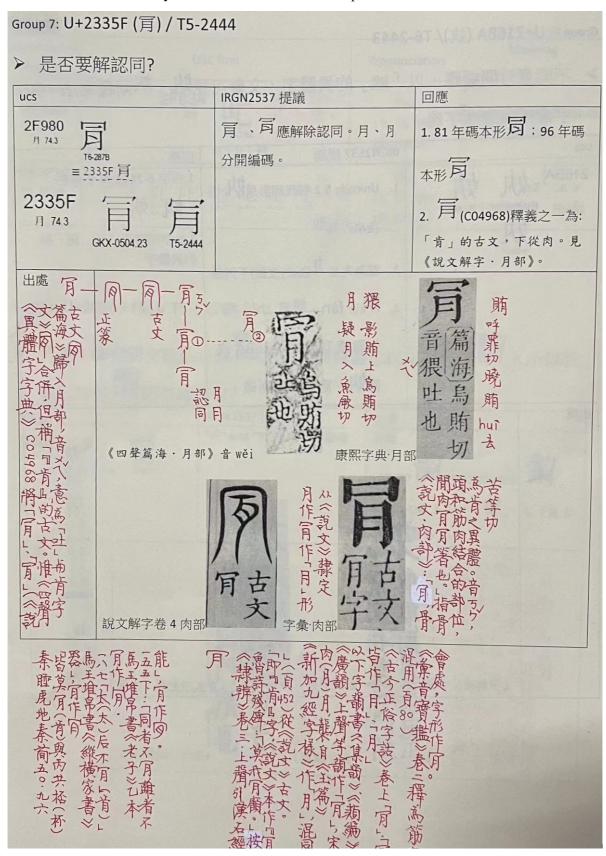
First of all, let us see the feedback for IRGN2537 from TCA which indicates that they agreed to disunify this character:

The TCA agrees with the proposal to disunified 2F980 and U+2335F, because they are two characters with different sounds and meanings.

As we can see from the figure below, U+2F980 is the ancient character for "肯", with the sound kěn, the radical is 肉(130.0). In the book 四聲篇海, the radical is 月(74.0), with the sound wěi, which means "吐"(to spit).

(figure omitted in this document, please see the original feedback)

While Prof. Hsueh Jen Hsu (許學仁) passed away in May, 2023, Dr. Lu sent an email to all the IRG experts, and attached his manuscript — it chanced to be the discussion about whether to disunify this character or not. This picture is shown below:



I still remember that, I received the email when I was having a lesson (Japanese oral interpretation), and after I saw that the attached picture was related to my proposal, I almost cried in public.

It is clear that 一月 (aka the 月部 one) and 一月 (aka the 肉部 one) are two different characters. The evidences already listed in IRGN2537 (康熙字典, 汉语大字典, CNS11643, 教育部異體字字典 and 文字情報基盤検索システム) will not be repeated here; below is the evidence from *Daikanwa Dictionary* (大漢和辭典):

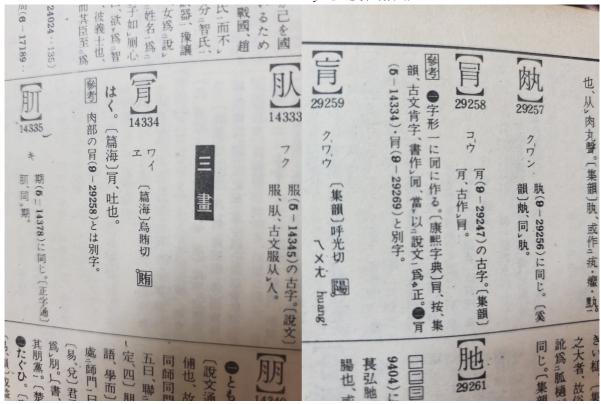


Fig.1-2 大漢和辭典 P5673, P9606

It is also clear that they are two different characters in Japan. After the large horizontal extention by J-source from Unicode 16.0, the former one (aka JMJ-037876) is correctly mapped to U+2335F, and the latter one (aka JMJ-037877) needs to be horizontally extended after the disunification.

For KP-source, there is no action should be taken. KP1-4A38 is just the 月部 one, and the 肉部 one is not seen in KPS 10721.

To sum up, the table below shows the new source references if the disunification is done:

	G-source	T-source	J-source	KP-source
U+2335F	GKX-0504.23	T5-2444	JMJ-037876	KP1-4A38
U+2????	GKX-0973.20	T6-287B	JMJ-037877	/
U+2F980	/	TU-2F980	/	/

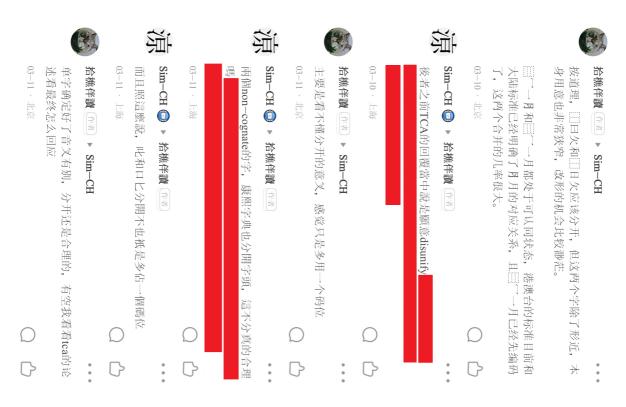
In the table, red indicates a new source reference on that codepoint, while blue indicates a revised source reference on that codepoint. U+2???? indicates the new codepoint, maybe at the end of CJK-ExtC.

### U+6B25 (欧)

U+6B25 looks like the below picture in Unicode 16.0:



Let us first see some discussion on Zhihu (知乎, a website like Quora) between Tao Yang (陶扬) and me:



(拾樵伴讀 is Tao Yang, and Sim-CH is me)

#### He says that,

按道理, 三曰欠和三曰欠应该分开, 但这两个字除了形近, 本身用意也非常狭窄, 改形的机会比较渺茫。

In principle,  $\Box\Box\Box$  and  $\Box\Box\Box$  should be separated, but these two characters are not only similar in shape, but also have a narrow meaning, so the opportunity to change their shapes is relatively slim.

单字确定好了音义有别, 分开还是合理的。

Once the pronunciation and the meaning of single characters are determined, it is reasonable to separate them.

One thing I need to clarify is that, I do not request (but only suggest) to change the glyph for any sources. There are many different characters (i.e. their abstract shapes are different) with the same actual shape in Unicode CJKUI, even in the recently encoded CJK–ExtH and the upcoming CJK–ExtJ, for examples:



And I totally agree that we should disunify if we could determine that the two characters are phonetically and semantically different, even if they are graphically similar or the same in some of the regional conventions. The evidence already listed in IRGN2537 (康熙 字典) will not be repeated here; below is the evidence from *Daikanwa Dictionary* (大漢和辭典):

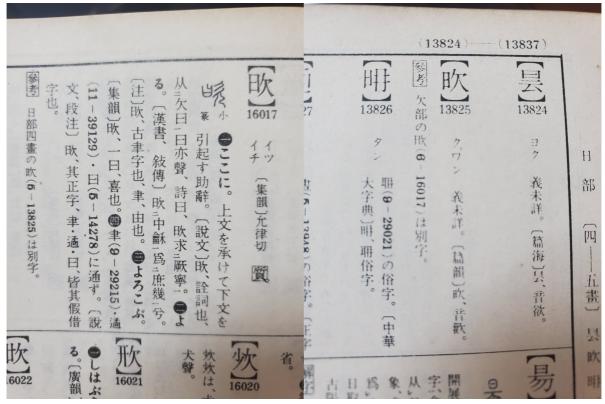


Fig.3-4 大漢和辭典 P6333, P5434

大漢和辭典 also says that 国日欠 and 国日欠 are different characters, which is the same as 康熙字典. However, the two characters are not separated in either the JH (Hanyō Denshi) character set or the JMJ (Moji Jōhō) character set, and the readings are mixed in JMJ's 文字情報基盤検索システム(JMJ-014753). Here I would like to request Japan to separate these two characters — whether to differentiate the glyphs does not matter since there are already precedent cases like JMJ-013840 and JMJ-013841.

The thorny thing here is that, both 康熙字典 and 大漢和辭典 give only the pronunciation of 国日欠 and do not provide the meaning. However, 国日欠 is also a Nôm character, and it has clear pronunciation and meaning different from 国日欠. Even if 国日欠 from 康熙字典 or 大漢和辭典 seems to be not cognate with 国日欠 from Nôm, they share both the abstract shape and the actual shape, which is a similar case as 机(jī, means machine in Chinese) and 机(つくえ,means table in Japanese), so they should be regarded as a same character. When we search for 国日欠 in 字典字喃引解 (Tự Điển Chữ Nôm Dẫn Giải), we will see:

# Tự Điển Chữ Nôm Dẫn Giải

Nôm Characters with Quotations and Annotations

Prof. Nguyễn Quang Hồng.

Quốc Ngữ or Hán-Nôm:

Entry 此

Cookup

Cook

Fig.5 online TĐCNDG on nomfoundation.org

We can confirm that the reading sóm corresponds to 国日欠 but not 国日欠 because it means "morning" or "early"; also, we may see many other Nôm characters with the reading sóm contain the semantic component 早, 旦 or 日:

0年11年6	Sợi nhan tạo 人造纖維.					
t bien	Son onde shift, w. 180 show model	Quốc Ngữ	Hán-Nôm	Context	Ref.	English
1 suat	Sớm	sớm	劍	sóm tối, sóm trưa	gdhn	morning and afternoon, morning and afternoon
nửa		sớm	豪	sóm tối, sóm trưa	gdhn	morning and afternoon, morning and afternoon
京又喜. m ban	早出晚归. ❷早,先,預早,早日. biết sớm 早知道,先知道. dây sớm 起得			sớm tối		1 1 1 6111 1 11 2
去看看	早;早起. Chúc anh sớm thành	sớm	斂	som toi	ty_tden	draw back, fold back; collect
son s	công 视你早日成功.	sớm	Unen- coded	sớm tối	ty_tdcn	
、駭.	Sốm chiều 朝暮. sớm chiều thấy	sớm	Unen- coded	sớm tối, sớm trưa	gdhn	morning and afternoon, morning and afternoon
57 /E,	nhau 朝暮相見. Sớm giờ 早点,早些,提前(指时刻).	sớm	Unen- coded	sớm tối, sớm trưa	gdhn	morning and afternoon, morning and afternoon
<b>到现金</b>	Sốm hôm = sơm chiều,			,		
ía.	Sốm khuya 早晚,朝夕.	sớm	褁	sóm tổi, sóm trưa	gdhn	morning and afternoon, morning and afternoon
	Sốm mai (南部語)早晨,清晨。	sớm	Unen- coded	sớm tối, sớm trưa	gdhn	morning and afternoon, morning and afternoon
	Sốm mới = sớm mai. Sốm muộn 迟早, 早晚. Sớm muộn	sớm	豰	sóm tối, sóm trưa	gdhn	morning and afternoon, morning and afternoon
得毛骨	cũng tới tội gì vội 迟早总会到的,	sớm	Unen- coded	sóm tối, sóm trưa	gdhn	morning and afternoon, morning and afternoon
Suism	急什么!	SOIII		som tor, som trua	guiii	morning and attention, morning and attention
Water >	Sốm sủa 提早,預早. Đến trường	sóm	薊	sóm tối, sóm trưa	vhn	morning and afternoon, morning and afternoon
183	sớm sủa hơn thường ngày 到校的	sớm	蘝	sớm tối, sớm trưa	vhn	morning and afternoon, morning and afternoon
Sú 📵	时間比平日都早.	sớm	Unen- coded	sóm tối, sóm trưa	gdhn	morning and afternoon, morning and afternoon
00	Sốm tối 晨昏,朝暮.		coded	,		, , ,
gián	Sòm	sớm	Unen- coded	sóm tối, sóm trưa	gdhn	morning and afternoon, morning and afternoon

Fig.6-7 越汉词典 商务印书馆 P963; Nôm Lookup Tool on nomfoundation.org

At least we can confirm that 国日欠 appears in 康熙字典, 大漢和辭典 and 字典谆喃引解, and it is phonetically and semantically different from 国日欠. Since 国日欠 is relatively more commonly used, I suggest to keep 国日欠 on U+6B25, and encode 国日欠 on a new codepoint.

It looks like that we will do nothing for U+6B25 but only to encode a new character, however, I would like to point out that it is really a disunification request since multiple sources mix the two characters — besides 文字情報基盤検索システム which mixed the readings of two different characters on one single codepoint, in Unihan Database, the kHanyuPinyin value for U+6B25 is "21495.010:yì,huān,yù 32135.090:yù,yì,huān", which also directs to the fact that this codepoint mixed two different characters (□日欠 corresponds to yì&yù, while □日欠 corresponds to huān).

To sum up, the table below shows the new source references if the disunification is done:

	G-source	H-source	T-source	J-source	K-source	V-source
U+6B25	G5-4A39	НВ2-ССЕ9	T2-274A	JMJ-014753	K2-3E2D	/
U+2????	GKX-1600.15	/	/	J?????	/	VN-?????

In the table, red indicates a new source reference on that codepoint. U+2???? indicates the new codepoint, maybe at the end of CJK-ExtC. J????? indicates the new J-source if Japan accepts my request to separate the two characters, I am not sure if they would like to use JMJ source or maybe something else (e.g. a new source for 大漢和辭典); VN-????? indicates the new V-source, but I do not know how much (zi.tools says it is VN-F073D but U+F073D in the newest Nôm Na Tống font is not []] 日次).

(End of document)