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Title: Disunification of 3 KP-source characters

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1 Introduction

We found three pairs of characters that should be disunified.

- U+FA99 滋 & U+6ECB 滋 (github.com/hfhchan/irg/issues/108)
- U+FAB0 練 & U+7DF4 練 (github.com/hfhchan/irg/issues/109)
- U+FAD1 秫 & U+233D5 秫 (github.com/hfhchan/irg/issues/110)

2 U+FA99

U+FA99 滋 is unified with U+6ECB 滋 according to [WG2 N2493 = L2/02-232] (U+FAA2 in file). However, according to the evidences from G-source, the two characters should be disunified.

- ◆ 滋 (G0-574C, KP0-E6B3)
 - · 汉语大字典, pp.1807-1808: zī, cí.
- ◆ 滋 (KP1-52B4, UTC-00777)
 - · 汉语大字典, p.1829: xuán.

According to the cognition, the phonetic component of 滋 is 茲, and the semantic component of 滋 is 茲. So the two characters are phonetically, graphically and semantically different and should be disunified.

Table 1 Information of KP1-4B26

Glyph	Mandarin	IDS	RS	FS	Variant	Source Reference
溢	xuán	□ 》兹	85.9	4	弦 U+7386	KP1-52B4 UTC-00777

注 後下四○· 議 説文·水部 漢印徵

《說文》:"滋,益也。从水,茲聲。一曰滋水,出牛飲山白陘谷,東入呼沱。"

- (一)zī《廣韻》子之切,平之精。之部。
- ●增长。《説文·水部》:"滋,益也。"《國語·齊語》:"桓公曰:'安國若何?'管子對曰:'修舊法,擇其善者而業

Figure 1 Evidence from 汉语大字典 p.1807

法 xuán 《廣韻》胡涓切,平先匣。真部。

同"兹"。浊;黑。《玉篇·玄部》:"兹,濁也,黑也。或作滋。"《左傳·哀公八年》:"武城人或有因於吴竟田焉,拘鄭人之漚菅者,曰:'何故使吾水滋?'"杜預注:"滋,濁也。"陸德明釋文:"滋音玄,本亦作兹,子絲反。《字林》云:'黑也。'"黄焯彙校:"宋本及何校本、臧校本滋兹互易,是也。"按:《説文·玄部》:"兹,黑也。从二玄。《春秋傳》曰:'何故使吾水兹?'"段玉裁注:"按《左傳》曰'何故使吾水兹'?"段玉裁注:"按《左傳》曰'何故使吾水兹'釋文曰:'……本亦作滋,子絲反。'此俗加水作滋,因誤認為滋益字而入之'之韻'也。《艸部》茲从絲省聲……而茲滋字衹當音懸。"

Figure 2 Evidence from 汉语大字典 p.1829

3 U+FAB0

U+FAB0 $\not\equiv$ is unified with U+7DF4 $\not\equiv$ according to [WG2 N2493 = L2/02-232] (U+FABB in file). However, according to the evidences from G-source, the two characters should be disunified.

According to the cognition, the phonetic component of 練 is 東, and the phonetic component of 練 (see in *Qi*-system Bronze and *Qin*-system Bambooslip) is 東. So the two characters are phonetically, graphically and semantically different and should be disunified.

- 練 (G1-4137, KP0-D8AA)
 - · 汉语大字典, p.3650: liàn.
- ◆ 練 (KP1-671B)
 - · 齊文字編, p.337: 緟: chóng.
 - · 戰國秦漢簡帛古書通假字彙纂, p.834: 灩: 緟: chóng.
 - · 战国楚系简帛用字习惯研究, pp.60-61: 繪: 鷸: 緟: chóng.

Table 2 Information of KP1-4B26

Glyph	Mandarin	IDS	RS	FS	Variant	Source Reference
練	chóng	□糹 東	120.8	5	緟 U+7DDF	KP1-671B

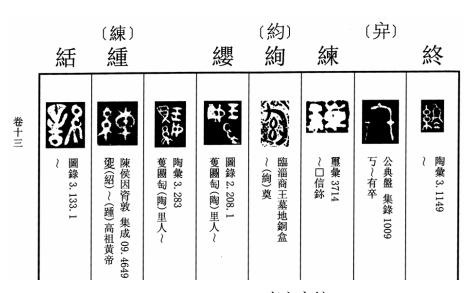


Figure 3 Evidence from 齊文字編 p.337

4 U+FAD1

U+FAD1 杭 is unified with U+233D5 杭 according to [WG2 N2493 = L2/02-232] (U+FADF in file). However, according to the evidences from G-source and K-source, the two characters should be disunified. This pair is also stated in [WG2 N2566] and [WG2 N2573 = L2/02-472].

- 杭 (GKX-0513.07, T5-264C, J4-2E44)
 - · 汉语大字典, p.1248: 柿: fèi, bèi.
- - 유니코드한자 검색시스템 (Unicode 漢字檢索 System), KC05191: 梯: qiú.

We confirm the existence of fully non-cognate semantic items for two characters, but the book to which we were able to search for evidence (圖解本草) is not in the bibliography list of the KP1-source given in WG2 N2247 = L2/00-289.

Table 3 Information of KP1-4B26

Glyph	Mandarin	IDS	RS	FS	Variant	Source Reference
秫	qiú	□木朮	75.5	1	梂 U+6882	KP1-4B26

By the way, this character can be horizontally extended by K-source as **KC-05191**.



同"柿"。《正字通·木部》:"林,今俗亦作柿。"

Figure 4 Evidence from 汉语大字典.

기관명 (機關名) 한국한의학연구원 (韓國韓醫學硏究院)

관련 DB (關聯 Database) 한의학고문헌 (韓醫學古文獻)

출전서명 (出典書名) 도해본초 (圖解本草)

전후문맥(前後文脈) 月開華成叢淡紫色結實如楓桃而小蕚上細刺

Figure 5 Evidence from 유니코드한자 검색시스템 (Unicode 漢字檢索 System).

本草綱目 卷十五 > 草之四 隰草類上五十三種 > 惡實 《別錄》中品 > 〔集解〕

時珍曰: 牛蒡古人種子,以肥壤栽之. 剪苗汋淘爲蔬,取根煮曝爲脯,云甚益人,今人亦罕食之. 三月生苗,起莖高者三四尺. 四月開花成叢,淡紫色. 結實如楓梂而小, 萼上細刺百十攢簇之,一梂有子數十顆. 其根大者如臂,長者近尺,其色灰黲. 七月采子,十月采根.

Figure 6 Evidence from 한의학고전 DB (韓醫學古典 Database).

Снаи Gienwen (趙瑾昀) provides the evidence in Figure 3. Sim Cheon-hyeong (沈天珩) points out the possibility of U+FAD1 being disunified.

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