

Additional kRSUnicode Values

John H. Jenkins

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Summary

I've analyzed the radical-stroke positions for characters in the *Soengmou San Zidin* (SMSZD, source of the kSMSZD2003Index and kSMSZD2003Readings fields; see L2/22-204R). From this, I generated a list of characters with one primary radical-stroke value in the Unihan database and a different one in SMSZD.

I eliminated from this list all cases where only the stroke count differed; where the radical-stroke variants were “common” ones (such as variation between radical 74/月 and radical 130/肉); and all cases where the Unihan database already has the given multiple radical-stroke values.

This leaves us with 91 cases where a character has multiple radical-stroke values. The mere fact that the Unihan database and a reputable dictionary have different radical-stroke values is *prima facie* evidence that both values should be found in the Unihan database; nonetheless, there were fourteen of these 91 where I felt the SMSZD value was hard to justify.

The table below contains the remaining 77 cases. I recommend that we add these to the kRSUnicode values currently in the Unihan database. The table data is also attached to this document as a text file in a format that will make it easier for Michel to add.

Code Point	Character	Unihan value	SMSZD value
U+3E13	𠂇	爪 87.4	臼 73.4
U+4BE7	膏	高 189.2	𠂇 8.10
U+4C1B	甗	鬲 193.5	瓦 98.10
U+4E13	专	一 1.3	二 7.2
U+4E22	丢	一 1.5	丿 4.5
U+4E53	兵	丿 4.5	丶 3.5

Code Point	Character	Unihan value	SMSZD value
U+4E61	乡	幺 52.0	丿 4.2
U+4E66	书	乙 5.3	丨 2.3
U+4EA7	产	ㄣ 8.4	立 117.1
U+4EB5	褻	ㄣ 8.10	衣 145.6
U+5170	兰	八 12.3	一 1.4
U+5173	关	八 12.4	大 37.3
U+5179	兹	八 12.7	幺 52.6
U+517B	养	八 12.7	羊 123.3
U+517D	兽	八 12.9	口 30.8
U+5386	历	厂 27.2	力 19.2
U+53C6	𡗗	厶 28.12	二 7.12
U+53C7	厂	厶 28.13	二 7.13
U+53D8	变	又 29.6	ㄣ 8.6
U+542F	启	口 30.4	戶 63.3
U+5723	圣	土 32.2	又 29.3
U+5792	垒	土 32.6	厶 28.7
U+585F	莖	土 32.10	艸 140.9
U+5986	妆	女 38.3	𠂇 90.3
U+5BF9	对	寸 41.2	又 29.3
U+5C18	尘	小 42.3	土 32.3
U+5C1D	尝	小 42.6	厶 28.7
U+5F00	开	升 55.1	一 1.3
U+5F03	弃	升 55.4	ㄣ 8.5
U+5F2F	弯	弓 57.6	ㄣ 8.7
U+604B	恋	心 61.6	ㄣ 8.8
U+620F	戏	戈 62.2	又 29.4
U+631B	𡗗	手 64.6	ㄣ 8.8

Code Point	Character	Unihan value	SMSZD value
U+6588	亨	文 67.3	子 39.4
U+6765	来	木 75.3	一 1.6
U+683E	栾	木 75.6	ㄣ 8.8
U+68A6	梦	木 75.7	夕 36.8
U+6983	么	木 75.9	田 102.8
U+6B22	欢	欠 76.2	又 29.4
U+6BD5	毕	比 81.2	十 24.4
U+7075	灵	火 86.3	ㄣ 58.4
U+72B6	状	犬 94.3	𠂇 90.4
U+738D	生	玉 96.1	土 32.2
U+7519	貳	甘 99.3	弋 56.5
U+753B	画	田 102.3	一 1.7
U+76F4	直	目 109.3	十 24.6
U+771F	真	目 109.5	八 12.8
U+77D7	矗	目 109.19	十 24.22
U+79BB	离	内 114.6	ㄣ 8.8
U+79CC	烁	禾 115.4	火 86.5
U+7A77	穷	穴 116.2	力 19.5
U+7C74	粦	米 119.2	入 11.6
U+7C7B	类	米 119.3	大 37.6
U+7F74	黑	网 122.9	火 86.10
U+8206	舆	臼 134.10	八 12.12
U+8314	莛	艸 140.5	土 32.5
U+8363	荣	艸 140.6	木 75.5
U+8365	荥	艸 140.6	水 85.5
U+8366	荦	艸 140.6	牛 93.5
U+8367	苙	艸 140.6	火 86.5

Code Point	Character	Unihan value	SMSZD value
U+83B9	莹	艸 140.7	玉 96.5
U+8426	蓰	艸 140.8	糸 120.5
U+8651	虑	虍 141.4	心 61.6
U+867D	虽	虫 142.3	口 30.6
U+89D5	犏	角 148.4	牛 93.7
U+9763	面	面 176.0	口 30.5
U+97EE	韭	韭 179.4	艸 140.9
U+9834	頴	頁 181.7	孝 113.11
U+990D	廕	真 184.6	厂 27.13
U+995F	廐	真 184.17	馬 187.17
U+99E1	罵	馬 187.6	口 30.13
U+9CEC	鳧	鳥 196.2	几 16.7
U+9F8E	龐	韭 212.2	厂 27.16
U+20533	廉	八 12.14	立 117.8
U+24C48	𪚩	田 102.4	卜 25.7
U+27C35	𪚩	豕 152.5	殳 79.8
U+2A3AD	縻	麻 200.12	黍 202.11