

# Response to Feedback Regarding kSimplifiedVariant/kTraditionalVariant Values

John H. Jenkins

20 October 2022

The last four sections of the consolidated public feedback on the Unihan database found in L2/22-226 deal with kSimplifiedVariant/kTraditionalVariant pairs. We will respond to the four sections individually.

## Feedback dated Mon Sep 5 14:43:15 CDT 2022

All the recommendations here are reasonable and should be accepted.

## Feedback dated Mon Sep 5 14:52:57 CDT 2022

Most of the recommendations here are reasonable and should be accepted with the following exceptions and notes:

The pair U+8D13/U+8D43 is from sSoengmou2003.

The pair U+9DFF/U+4D19 are, as stated, not directly related. The Unihan database should be updated to reflect the following relationships:

U+9E0A 鸛 is a semantic variant of U+9DFF 鸞  
 U+4D19 鸛 is the simplified form of U+9E0A 鸛  
 U+2CE2F 鸞 is the simplified form of U+9DFF 鸞

The following changes should not be made. The Unihan database takes cognizance of *de facto* simplifications, and not only *de jure* ones; that is, incorrect and partial simplifications are included if readers can reasonably be expected to recognize them as such.

U+9D82/U+2CDFC

U+9E12/U+312AD

U+8B32/U+2C8B3

U+8B78/U+2C8AA

U+8CEC/U+27E54

U+9C44/U+31210

U+9C68/U+31218

### **Feedback dated Mon Sep 5 14:54:53 CDT 2022**

As is explained in UAX #38, a character may be listed as a simplified or traditional variant of itself. This is to satisfy the requirement that the variant fields define symmetric relationships. Should the UTC decide that the simplified-traditional variant relationships need not be symmetric, they could then be dropped.

### **Feedback dated Sun Sep 11 06:03:05 CDT 2022**

The additions suggested are reasonable and should be made.

The z-variant relationship of U+848D and U+853F should be retained. Han unification is fundamental to the process of encoding CJK unified ideographs. In this case, the two characters in question contain a common stylistic variation which is ordinarily considered unifiable. They are only separately encoded because of the source-separation rule.