Stylistic Sets In Mondulkiri Fonts

The Mondulkiri fonts are equipped with a number of ‘stylistic sets’, i.e. user options for rendering alternatives. Their availability depends on the software used. These stylistic sets work in Adobe software, but are unfortunately not supported by MS Office 2010\(^1\). In Adobe Indesign the stylistic sets can be selected in text-editing-mode by clicking the little icon with three lines and a down-arrow on the tool bar close to the top right corner (right of the ‘lightning’ icon): chose OpenType, then ‘Stylistic Sets’. Or in the ‘New Paragraph Style’ window the Stylistic Sets can be chosen from ‘OpenType Features’. Only sets with numbers that don’t have brackets are actually available in a given font. Several sets can be active at the same time.

The following stylistic sets are provided:

1. Provides alternate shapes for some Khmer characters:
   \[ \text{ı} > \text{Ĳ}; \]
   \[ \text{Ň} > \text{ň}; \]
   \[ \text{Ŋ} > \text{ŋ}; \]
   \[ \text{Ō} > \text{ō}; \]

2. Provides alternate coengs with ‘hair’:
   \[ \text{Ĵ} > \text{ĵ}, \text{Ķ} > \text{ķ}, \text{Ŏ} > \text{ŏ}, \text{Ő} > \text{ő}; \]

3. Provides an alternative shape for \text{Œ}:
   \[ \text{Œ} > \text{œ}; \]

4. Turns \text{Œ} into a dotted circle for demonstration purposes:
   \[ \text{Œ} > \text{Ŕ}, \text{ŕ} > \text{Ŗ}, \text{ŗ} > \text{Ř}; \]

5. Turns \text{Œ} into a hyphen for demonstration purposes:
   \[ \text{Œ} > \text{-}, \text{ŕ} > \text{-ō}, \text{ŗ} > \text{-ř}; \]

6. Turns \text{Œ} into a space for demonstration purposes:
   \[ ‘\text{Œ}’ > ‘ ‘, ‘\text{Œ}’ > ‘đ’, ‘\text{ŗ}’ > ‘Ē’; \]

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\(^1\) It appears that MS Office 2010 supports Stylistic SEts only for Latin scripts, i.e. abc based scripts.

\(^2\) To the left of the ‘>’ is the default appearance of characters, to the right the modified appearance.
7. Provides an alternative placement for Muusikatoan 촜 in conjunction with 朝鲜 and 
朝鲜: 朝鲜 朝鲜 > 朝鲜 朝鲜

8. Provides an alternative form of coeng-Nho 朝鲜 to accommodate historical texts:
朝鲜 > 朝鲜

18. To compensate for a problem with Adobe CS5 and CS5.5, this option places 朝鲜 after 朝鲜 as good as possible: 朝鲜 instead of 朝鲜. This stylistic set should be applied to ALL text in Adobe CS5 and CS5.5.

19. To compensate for a problem with Adobe CS5 and CS5.5, forces Muusikatoan 朝鲜 down if followed by 朝鲜. This is necessary for the correct rendering of words like 朝鲜 in Adobe CS5 and CS5.5 and needs to be applied to all words containing 朝鲜 to achieve correct rendering.

20. This option tries to make some things visible that usually are either invisible or difficult to distinguish.
朝鲜 朝鲜 朝鲜 朝鲜 朝鲜 朝鲜 朝鲜 朝鲜 朝鲜 朝鲜 朝鲜 朝鲜 朝鲜 朝鲜 朝鲜 朝鲜 朝鲜 朝鲜 朝鲜

The last three characters between the 朝鲜 are zero-width-space, zero-width-non-joiner and zero-width-joiner (the latter may only be shown if not followed by a register shifter), respectively and will most likely not display as seen above due to limitations by Adobe. The others are various kinds of typographical spaces. Which of these characters will be shown may depend on the software in which they are used. They will be shown in Notepad.