Exercise on Old Chinese rime classes

Study the following stanza from the poem titled lù míng鹿鳴in the Shijing詩經. The pronunciations of all the characters are given in pinyin:

鹿 鳴 lù míng

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| 呦呦鹿鳴，yōu yōu lù míng  食野之苹。shí yě zhī píng  我有嘉賓，wǒ yǒu jiā bīn  鼓瑟吹笙。gǔ sè chuī shēng | With pleased sounds the deer call to one another, Eating the celery of the fields. I have here admirable guests; The lutes are struck, and the organ is blown [for them].  (Trans. James Legge) |

1. In the stanza cited above, actually three of the four lines rhymed in Old Chinese. Therefore based on the Modern Chinese pronunciations, can you make some guesses as to which lines should have rhymed?
2. Do all of these three lines still rhyme in modern Chinese? If not, then which line or lines of these rhyming lines do not rhyme any more in modern Chinese?
3. As pointed out above, one of the four lines did not rhyme in Old Chinese and it still doesn’t rhyme with anything else in Modern Chinese. Which line did not rhyme?
4. What is the rime class that can be derived from this stanza?