N. Am. wolf

- Ear bulla present: NO
- Para-occipital process present: YES
- Carnassial tooth: NO
- Cheek bone & jaw joint: 4 molars, 3 premolars
- Tooth formula: NO
- Lacrimal bone visible from side: NO

Tasmanian wolf

- Ear bulla present: YES
- Para-occipital process present: NO
- Carnassial tooth: YES
- Cheek bone & jaw joint: 4 molars, 3 premolars
- Tooth formula: YES
- Lacrimal bone visible from side: NO