

| Non-monophyletic genera | # tips in genus | Intruding tips | Outlying tips |
|-------------------------|-----------------|--------------------------|---|
| Aureolaria | 5 | Dasistoma macrophylla | None |
| Melasma | 4 | None | Melasma physalodes, Melasma rhinanthoides |
| Cycnium | 5 | None | Cycnium volkenskii, Cycnium adonense |
| Graderia | 2 | None | Graderia fruticosa |
| Nesogenes | 2 | Bardotia ankaranensis | None |
| Euphrasia | 80 | Omphalotrix longipes | None |
| Odontites | 29 | Bartsella rameauana | None |
| Bellardia | 2 | None | Bellardia viscosa |
| Orobanche | 50 | Phacellanthus tubiflorus | None |

| Tip names changed from original | New tip name |
|---------------------------------|------------------------|
| Myzorrhiza chilense | Aphyllon chilense |
| Orobanche bulbosa | Aphyllon tuberosum |
| Aphyllon vallicola | Aphyllon vallicolum |
| Orobanche latisquama | Boulardia latisquama |
| Alectra alba | Harveya alba |
| Parastriga alectroides | Harveya alectroides |
| Boschniakia_strobilacea | Kopsiopsis strobilacea |
| Orobanche_nowackiana | Phelipanche nowackiana |