**Supplemental File 9.** The 21 morphological characters optimized on the overall cladogram. This tree with *Loranthus europaeus* in a clade with *L. grewingkii* and *L. tanakae* is one step longer than the shortest one. It is place here because of strong support for that clade seen with molecular characters.

CecObt = *Cecarria obtusifolia*, LorGre = *Loranthus grewinkii*, LorTan = *L. tanakae*, LorEur = *L. europaeus*, LorLmMD = *L. lambertianus* (6752, collected by M. Devkota in Nepal), LorLam = *L. lambertianus* (type, Schultes s.n. Herb. Hort. Bot. Nat. Belg. BR 0000021461484, Nepal?), LorGui = *L. guizhouensis*, LorKao = *L. kaoi*, LorDel = *L. delavayi*, LorPse = *L. pseudo-odoratus*, LorOdoInd5 = *L. odoratus* (Griffith 2719, Herbier Muséum Paris, P05369129, India), LorOdoThai = *L. odoratus* (A. F. G. Kerr 6692, Herbier Muséum Paris, P05369132, Thailand), LorOdoMD = *L. odoratus* (M. Devkota s.n., Nepal), LorOdoKew = *L. odoratus* (type, Wallich 505, Royal Botanic Gardens Kew K001111169, Nepal).









































