

Supplementary Fig. S1: Measurement of achene length: a – the length of achene (cypsela) was measured including umbo (= terminal fruit beak, style base, stylopodium, elaiosome, apical caruncle), typically present in Carduinae; b – the length was measured under microscope preparation (Olympus SZX-AS) using a corpus of a magnifying glass (Brinell-lupe) equipped with a grid and having a resolution of 0.01 mm.