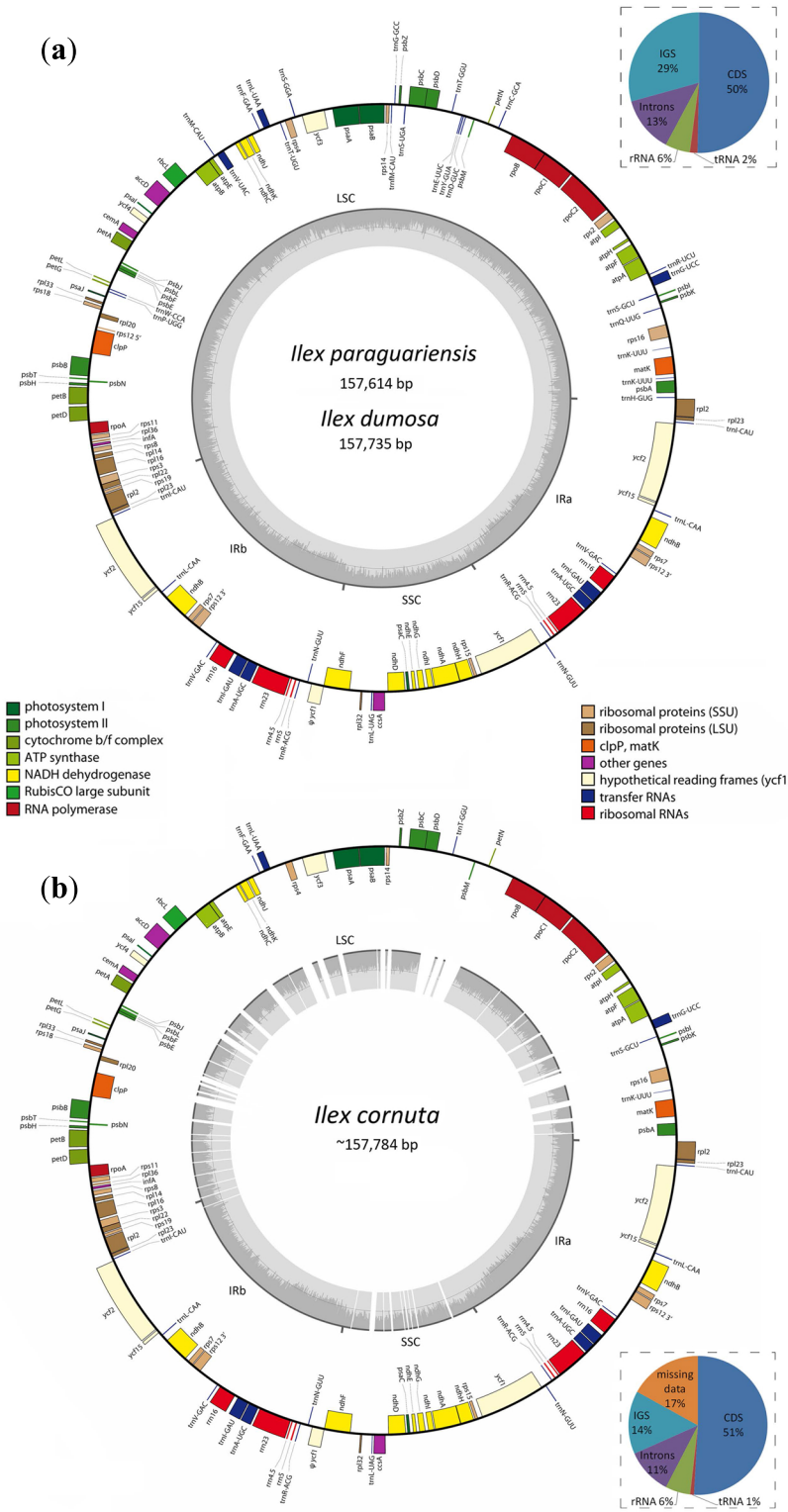

Figure S2 Schematic plastidic maps for *I. paraguariensis*, *I. dumosa* and *I. cornuta*. The small (SSC) and large (LSC) single copy regions, and the inverted repeats (IRa and IRb) are shown. Genes depicted on the inside are transcribed clockwise, while genes on the outside are transcribed counter clockwise. The inner circle represents the GC content (dark gray) of each feature; regions with missing data are indicated by empty spaces. Functional categories are indicated with colours. (**a**) Maps for *I. paraguariensis* and *I. dumosa*. The inset shows the proportion of chloroplast sequence data corresponding to coding genes (CDS), rRNAs genes, tRNAs genes, intergenic spacers (IGS) and intronic regions, for the two species. (**b**) Map for *I. cornuta*; the inset shows the proportion of chloroplast sequence data corresponding to each category, and to the missing data. The following sequences were used for map construction: AF471624-25, FJ394600-01, FJ394742-43, FR849938, FR849944, FR849946, FR849950, FR849953, FR849958, FR849962, FR849965, FR849969, FR849971, FR849976, FR849988-89, FR849992, GQ434981-82, GQ436364-65, GQ997298-380, HQ664579, JF941993-99, JF954087-95, KF255704 and KF255721.