Table 2. Selected characters to be recorded and optimized on the plastome phylogeny.

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| Organismal:  Light regimen (open, edge, forest); Life habit (annual, perennial); Photosynthetic pathway (C3, C4); Height at maturity |
| Inflorescence:  Shape (pyramidal, cylindrical); Width; Height; Number of spikelets |
| Spikelet:  Min/Max number fertile florets; Min/Max number of sterile florets; Compression (dorsal, lateral, terete); Min/Max spikelet length; Disarticulation (below glumes, below each fertile floret, other); Min/Max length of bracts\*; Presence/Absence of awn on bracts\*; Min/Max length of awn on bracts\*; Min/Max number of veins in bracts\* \*(bracts = lower glume, upper glume, sterile lemma, and fertile lemma) |
| Flower:  Number of stamens; Min/Max length of anthers; Filament type (QQQ, QQQ); Number of stigmas; Stigma exsertion position (lateral, terminal); Stigma branching (number of orders) |
| Pollen:  Grain size; Grain shape; Presence/Absence of operculum; Pore size; Pore depth; Annulus width; Annulus depth; Exine ornamentation; Depth of exine ornamentation; Presence/Absence of microchannels; Size of microchannels; Orientation of microchannels |