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Figure 1

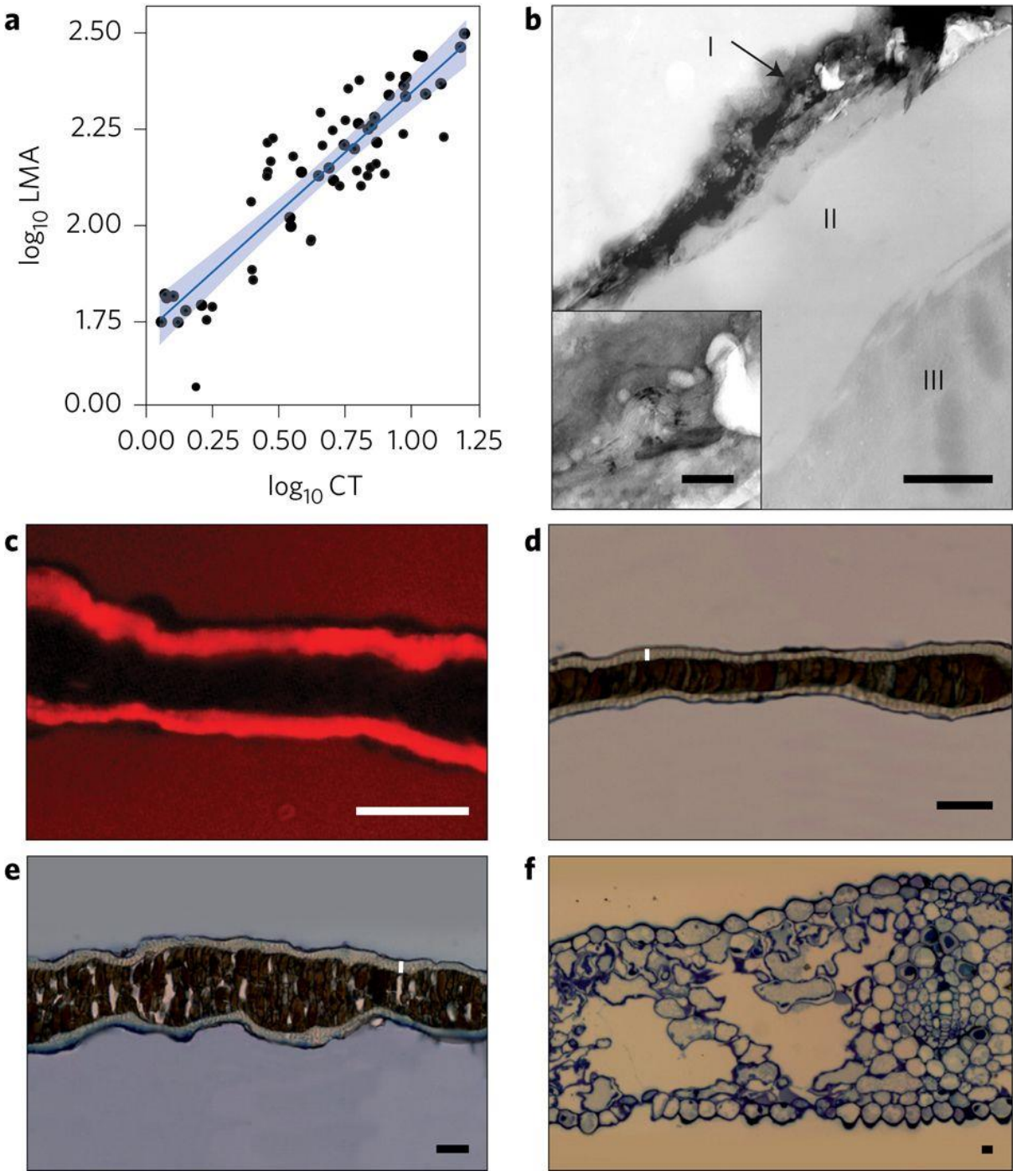

a
2.50
2.25
2.00
1.75
0.00
log10 LMA
0.00 0.25 0.50 0.75 1.00 1.25
log10 CT
b
I
II
III
c
d
e
f

Figure 2

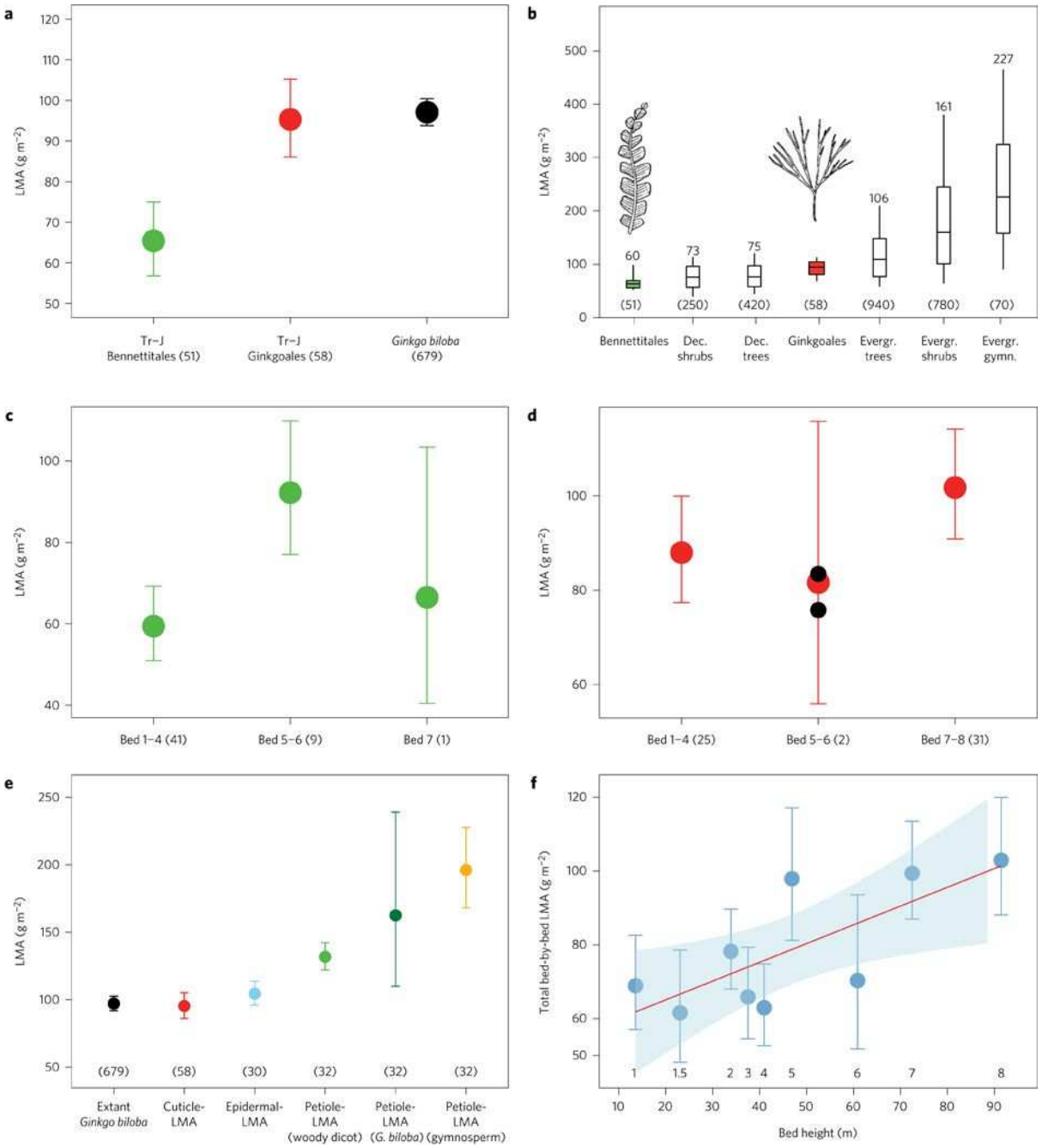
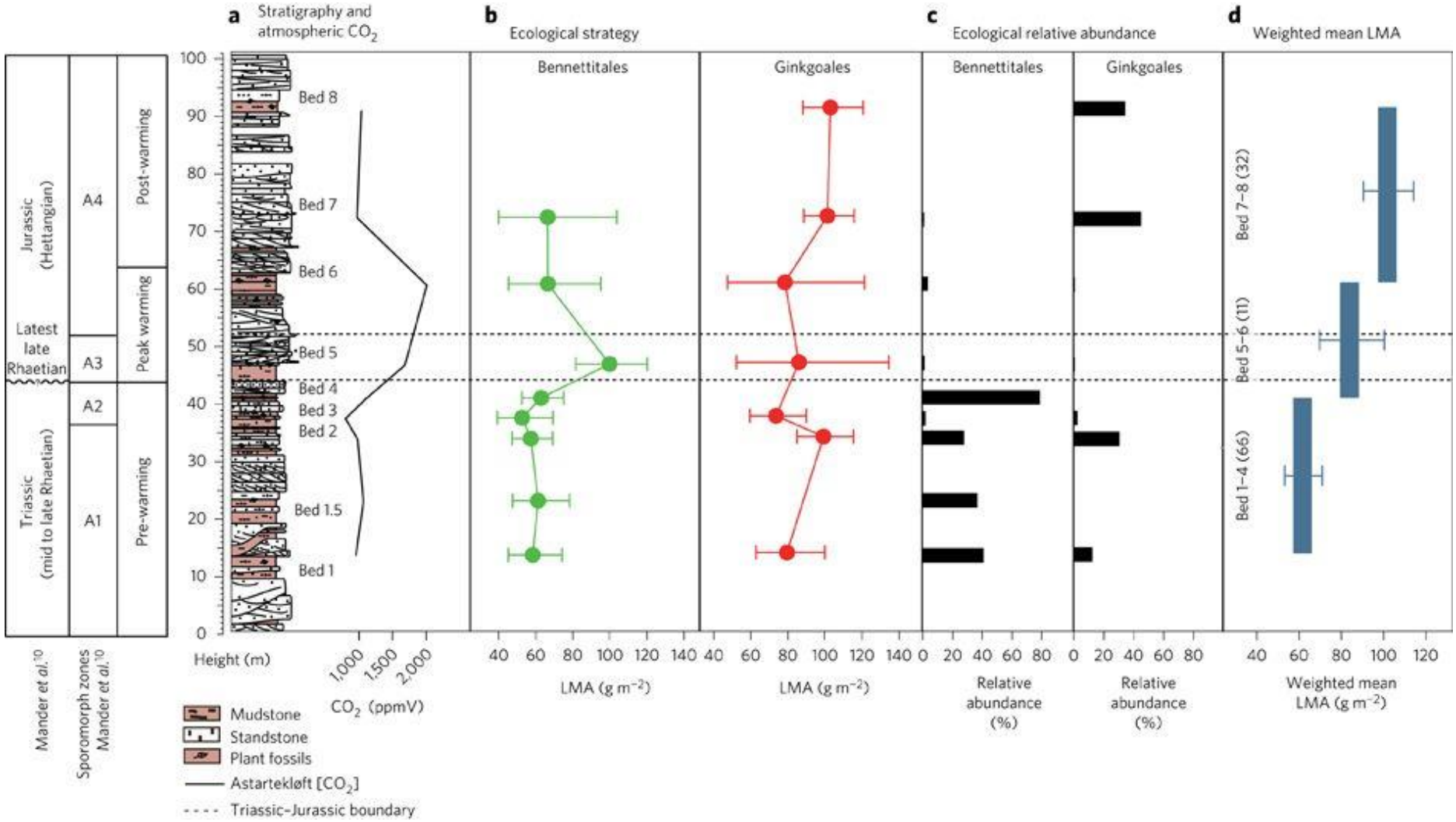

a
LMA (g m⁻²)
Tr–J Bennettitales (51)
Tr–J Ginkgoales (58)
Ginkgo biloba (679)
b
LMA (g m⁻²)
60
73
75
106
161
227
(51)
(250)
(420)
(58)
(940)
(780)
(70)
Bennettitales
Dec. shrubs
Dec. trees
Ginkgoales
Evergr. trees
Evergr. shrubs
Evergr. gymn.
c
LMA (g m⁻²)
Bed 1–4 (41)
Bed 5–6 (9)
Bed 7 (1)
d
LMA (g m⁻²)
Bed 1–4 (25)
Bed 5–6 (2)
Bed 7–8 (31)
e
LMA (g m⁻²)
(679)
(58)
(30)
(32)
(32)
(32)
Extant Ginkgo biloba
Cuticle-LMA
Epidermal-LMA
Petiole-LMA (woody dicot)
Petiole-LMA (G. biloba)
Petiole-LMA (gymnosperm)
f
Total bed-by-bed LMA (g m⁻²)
1
1.5
2
3
4
5
6
7
8
Bed height (m)

Figure 3


a Stratigraphy and atmospheric CO_2
b Ecological strategy
c Ecological relative abundance
d Weighted mean LMA
Bennettitales
Ginkgoales
Jurassic (Hettangian)
Triassic (mid to late Rhaetian)
Latest late Rhaetian
A4
A3
A2
A1
Post-warming
Peak warming
Pre-warming
Bed 8
Bed 7
Bed 6
Bed 5
Bed 4
Bed 3
Bed 2
Bed 1.5
Bed 1
Bed 7–8 (32)
Bed 5–6 (11)
Bed 1–4 (66)
Height (m)
CO_2 (ppmV)
LMA (g m^{-2})
Relative abundance (%)
Weighted mean LMA (g m^{-2})
Mander et al.[10]
Sporomorph zones Mander et al.[10]
Mudstone
Standstone
Plant fossils
Astartekløft [CO_2]
Triassic–Jurassic boundary