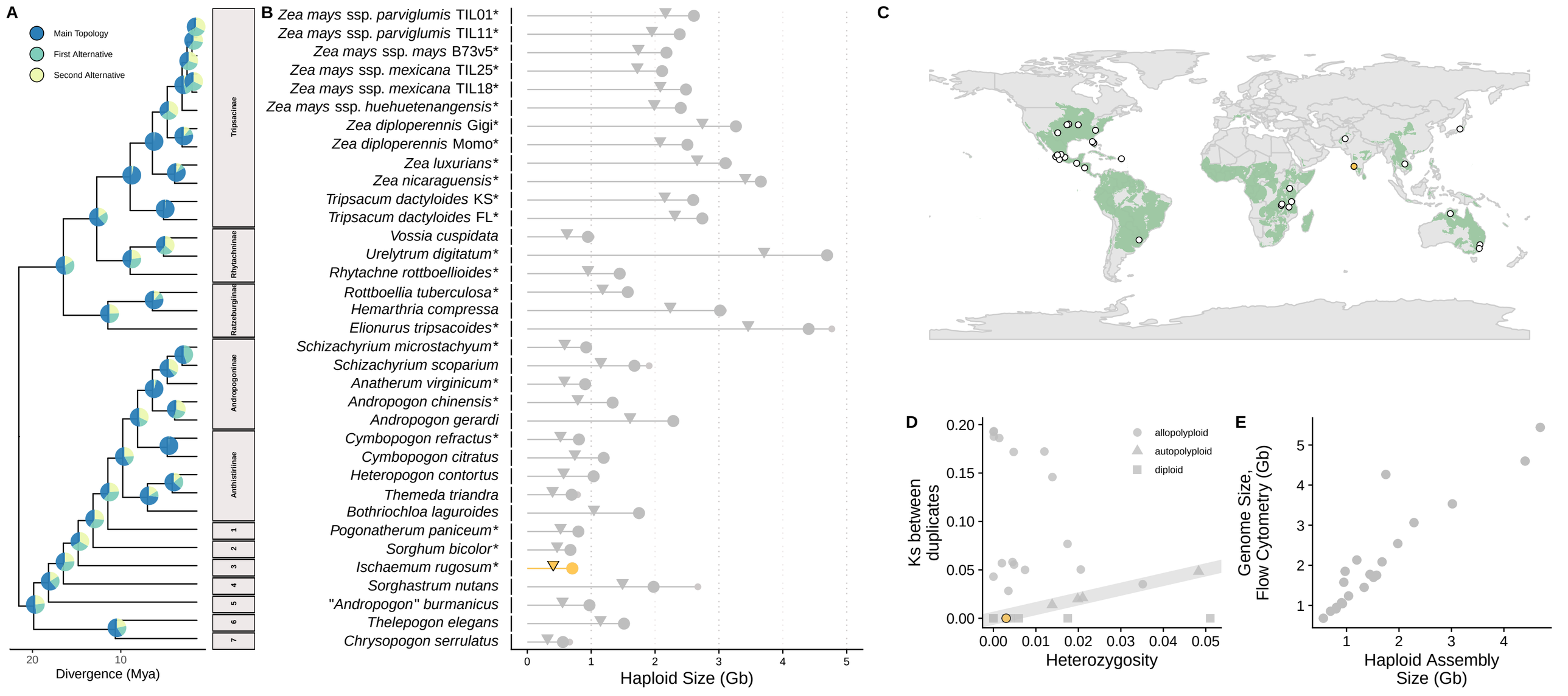
A
Main Topology
First Alternative
Second Alternative
Tripsacinae
Rhytachninae
Ratzeburginae
Andropogoninae
Anthistirinae
1
2
3
4
5
6
7
20
10
Divergence (Mya)
B
Zea mays ssp. parviglumis TIL01*
Zea mays ssp. parviglumis TIL11*
Zea mays ssp. mays B73v5*
Zea mays ssp. mexicana TIL25*
Zea mays ssp. mexicana TIL18*
Zea mays ssp. huehuetenangensis*
Zea diploperennis Gigi*
Zea diploperennis Momo*
Zea luxurians*
Zea nicaraguensis*
Tripsacum dactyloides KS*
Tripsacum dactyloides FL*
Vossia cuspidata
Urelytrum digitatum*
Rhytachne rottboellioides*
Rottboellia tuberculosa*
Hemarthria compressa
Elionurus tripsacoides*
Schizachyrium microstachyum*
Schizachyrium scoparium
Anatherum virginicum*
Andropogon chinensis*
Andropogon gerardi
Cymbopogon refractus*
Cymbopogon citratus
Heteropogon contortus
Themeda triandra
Bothriochloa laguroides
Pogonatherum paniceum*
Sorghum bicolor*
Ischaemum rugosum*
Sorghastrum nutans
"Andropogon" burmanicus
Thelepogon elegans
Chrysopogon serrulatus
0
1
2
3
4
5
Haploid Size (Gb)
C
D
allopolyploid
autopolyploid
diploid
Ks between duplicates
0.20
0.15
0.10
0.05
0.00
0.00
0.01
0.02
0.03
0.04
0.05
Heterozygosity
E
Genome Size, Flow Cytometry (Gb)
5
4
3
2
1
1
2
3
4
Haploid Assembly Size (Gb)