

475 MYA

Earliest record of cultivation of edible grasses from desiccationtolerant seeds, Ohalo II people, shores of the Sea of Galilee

how to keep seeds alive in

(Theophrastus of Eresos)

desiccated state

21,000 BCE







Importance of antioxidants for desiccation tolerance is shown in bacteria



abundant (LEA) gene

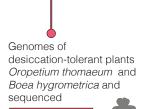
drying seeds

transcripts discovered in

Vitrification discovered

during dehydration

1986



Over a dozen genomes of

species sequenced and

desiccation-tolerant

assembled

