

Water Uptake Rate

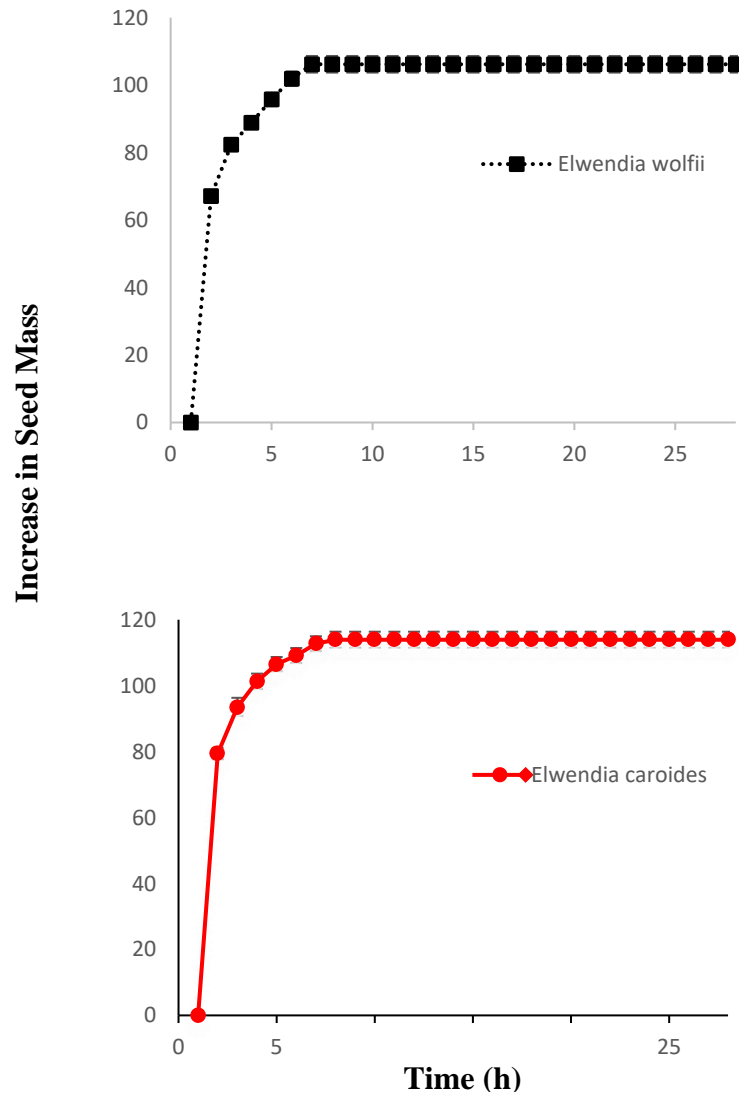


Figure S1. Water imbibition by *Elwendia wolfii* and *E. caroides* seeds. The curve shows seed mass increases (mean \pm SE) by intact seeds incubated on a moist substrate at room temperature (23 °C) for 28 h.

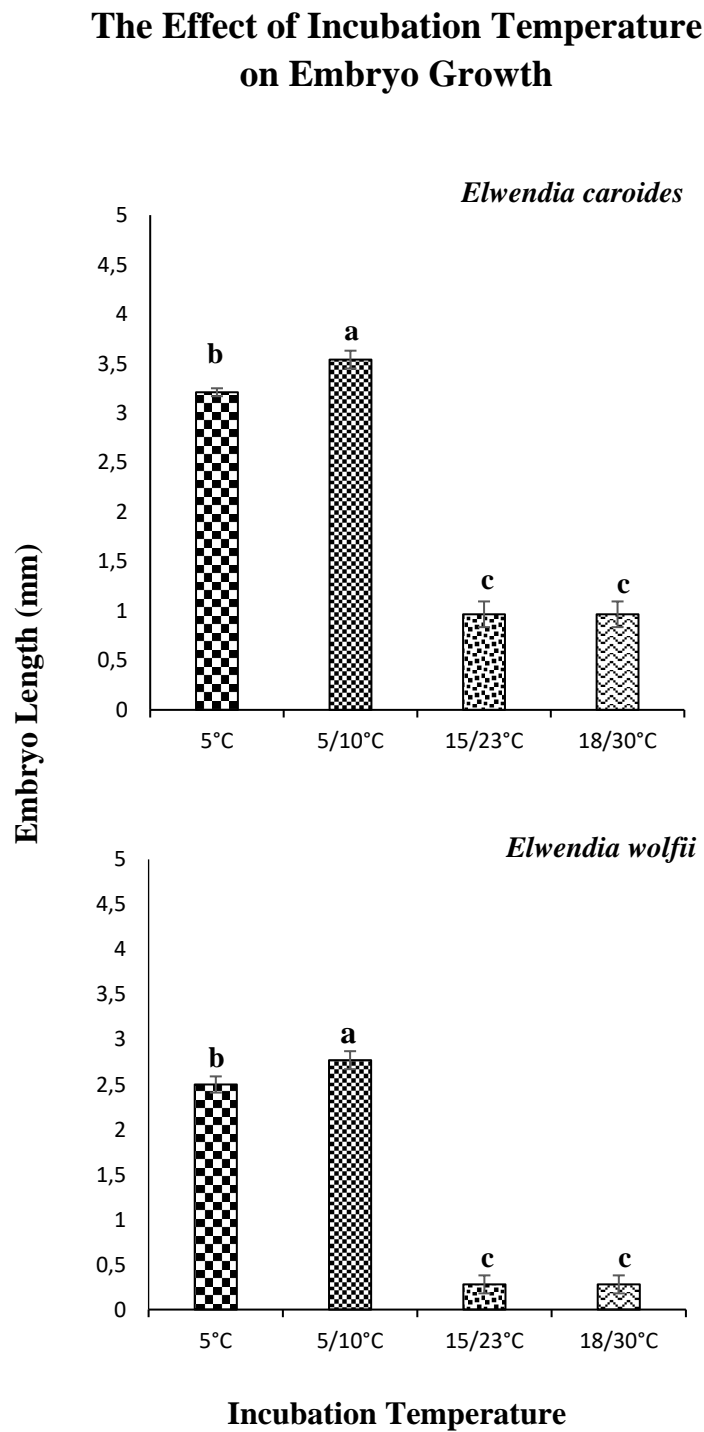


Figure S2. Embryo growth (mean \pm SE) of *Elwendia wolfii* and *E. caroides*. Effect of incubation temperature at 5 °C, 5/10 °C, 15/23 °C and 18/30 °C on embryo growth.

The Effect of Incubation Temperature on Seed Germination Percentage

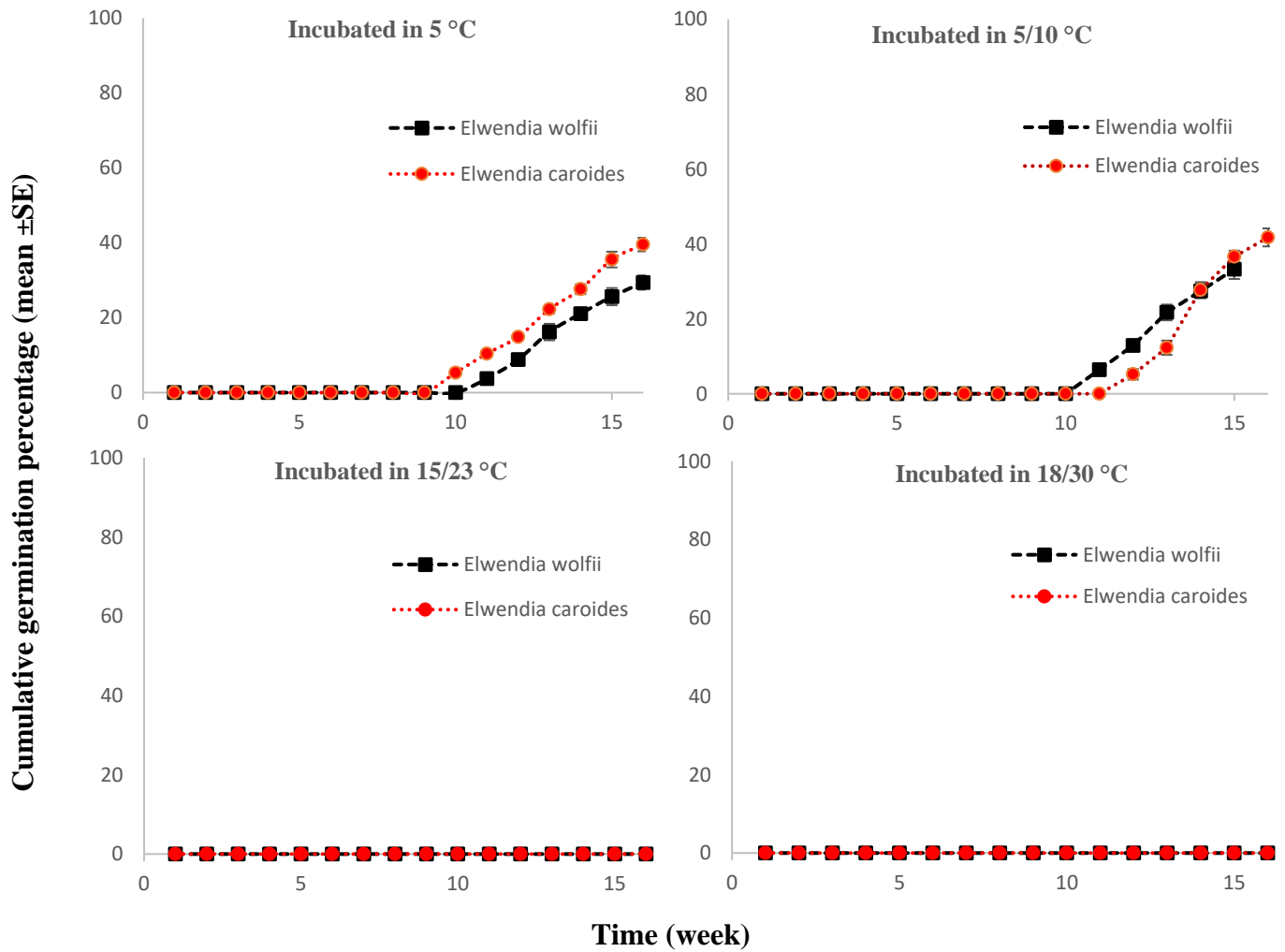


Figure S3. Seed germination (mean ± SE) of *Elwendia wolfii* and *E. caroides*. Effect of incubation temperature at 5 °C, 5/10 °C, 15/23 °C and 18/30 °C on seed germination. Seed germination was measured in weekly intervals.

The Effect of Dry Storage Pretreatment and Incubation Temperature on Embryo Growth

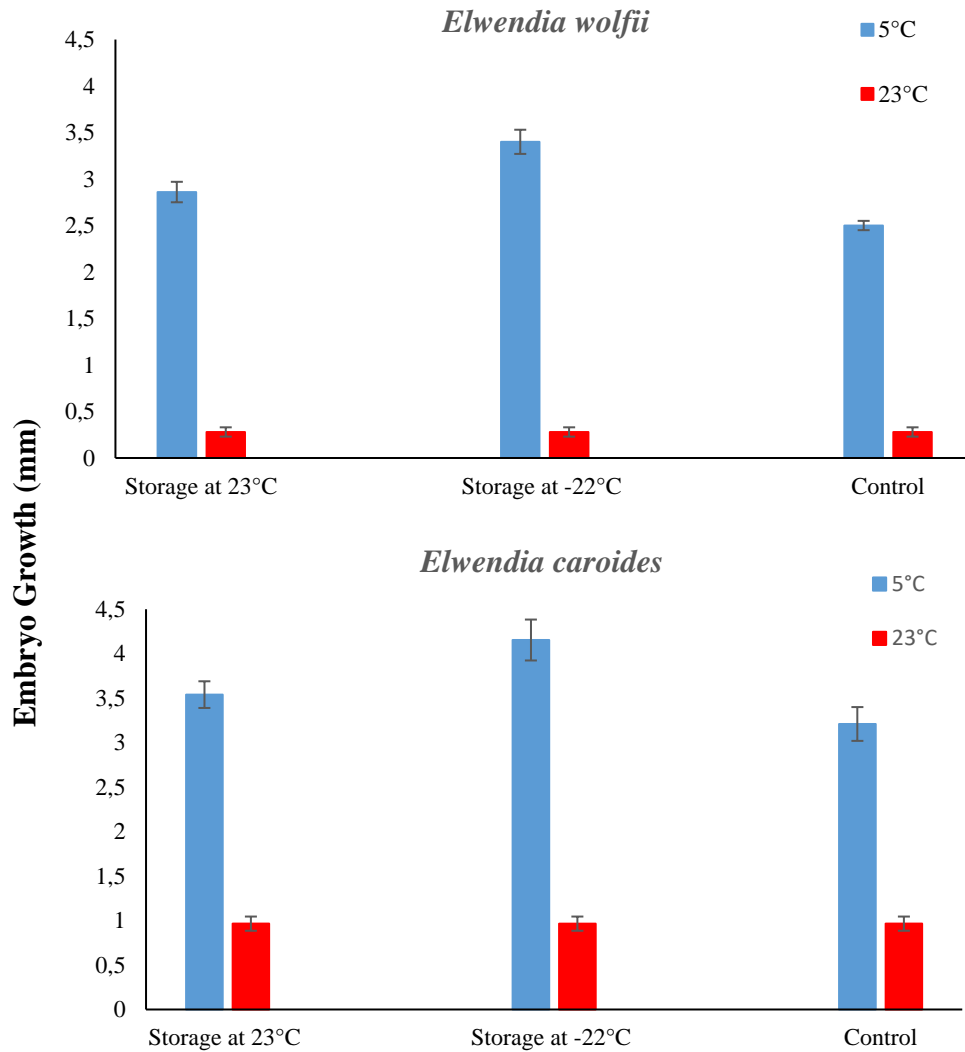


Figure S4. Embryo growth (mean \pm SE) of *Elwendia wolfii* and *E. caroides*. Effect of dry storage pretreatment (at temperatures of 23 °C and -22 °C) and incubation temperature (at temperatures of 5 °C and 23 °C) on embryo growth of *E. caroides* and *E. wolfii* seeds.

The Effect of Dry Storage Pretreatment and Incubation Temperature on Seed Germination Percentage

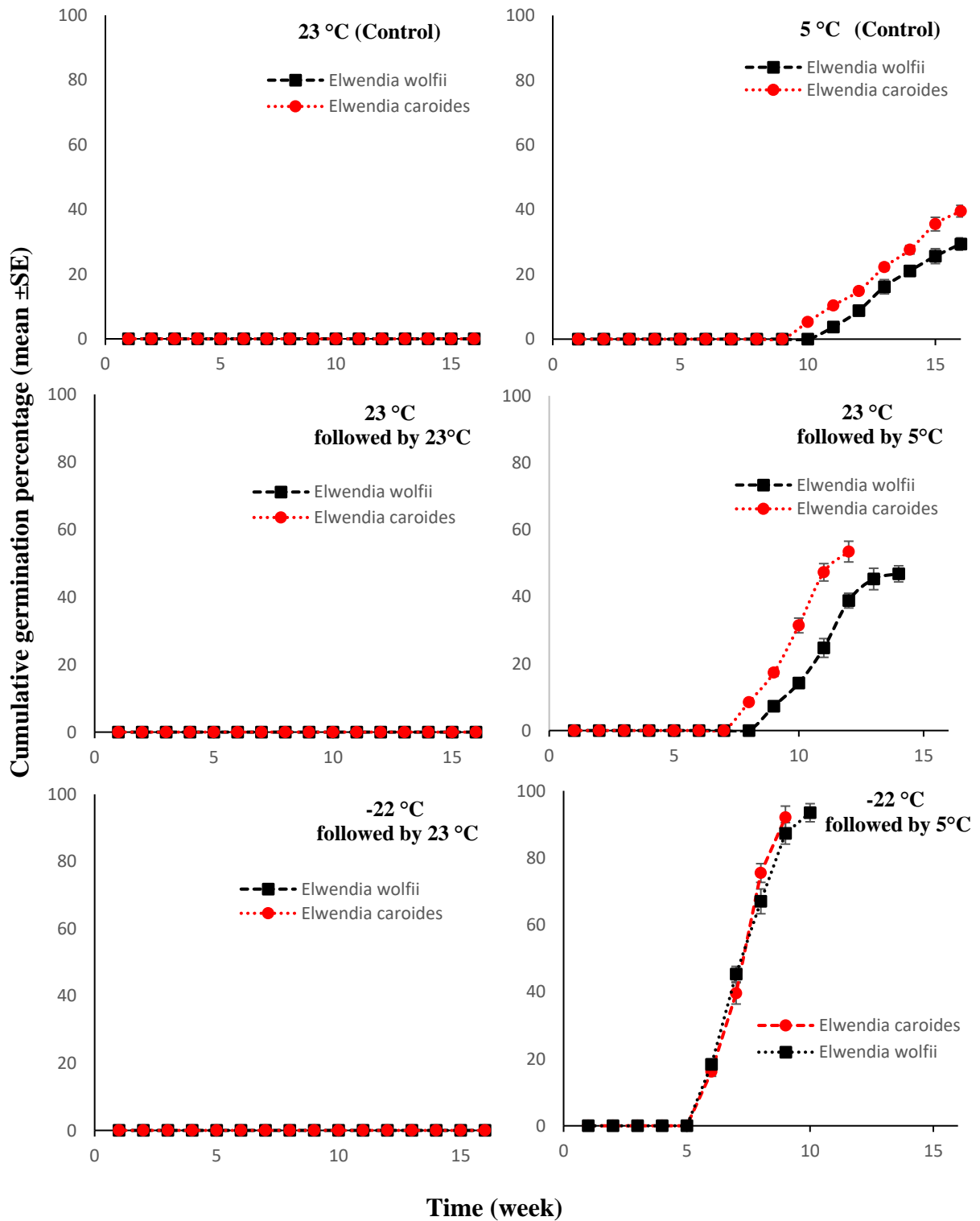


Figure S5. Seed germination (mean ± SE) of *Elwendia wolfii* and *E. caroides*. Effect of dry storage pretreatment (at 23 °C and -22°C) and wet incubation temperature (at 5°C and 23°C) on seed germination of *E. caroides* and *E. wolfii* seeds. Seed germination was measured in weekly intervals.

The Effect of Cold and Warm Stratification Pretreatment and Incubation Temperature on Seed Germination Percentage

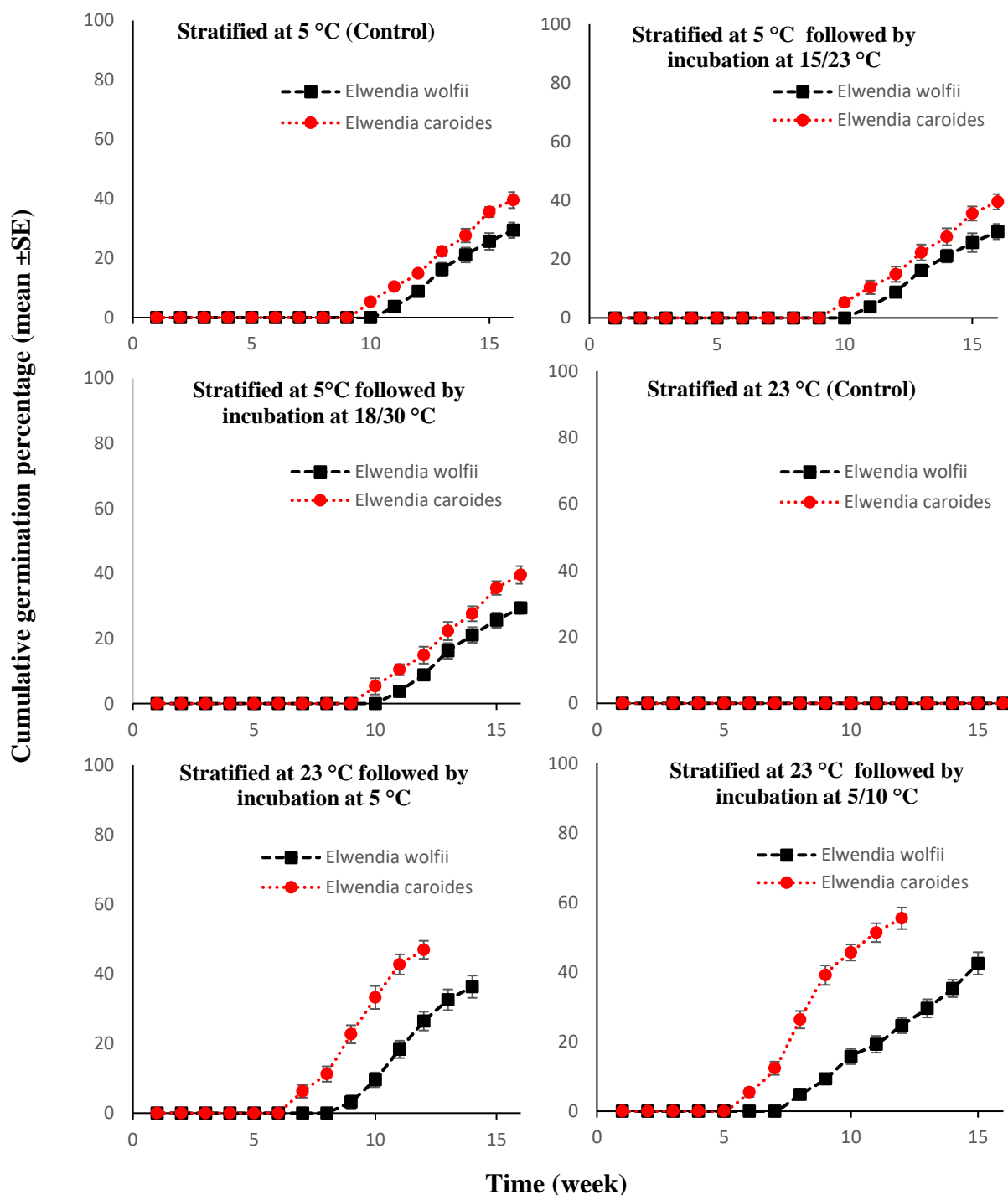


Figure S6. Seed germination (mean ± SE) of *Elwendia wolfii* and *E. caroides*. Effect of cold and warm pretreatment (at 5 °C and 23 °C) and incubation temperature (at 5 °C, 5/10 °C, 15/23 °C and 18/30 °C) on seed germination of *E. caroides* and *E. wolfii* seeds. Seed germination was measured in weekly intervals.

The Effect of GA₃ in Combination with Cold Temperature on Seed Germination Percentage

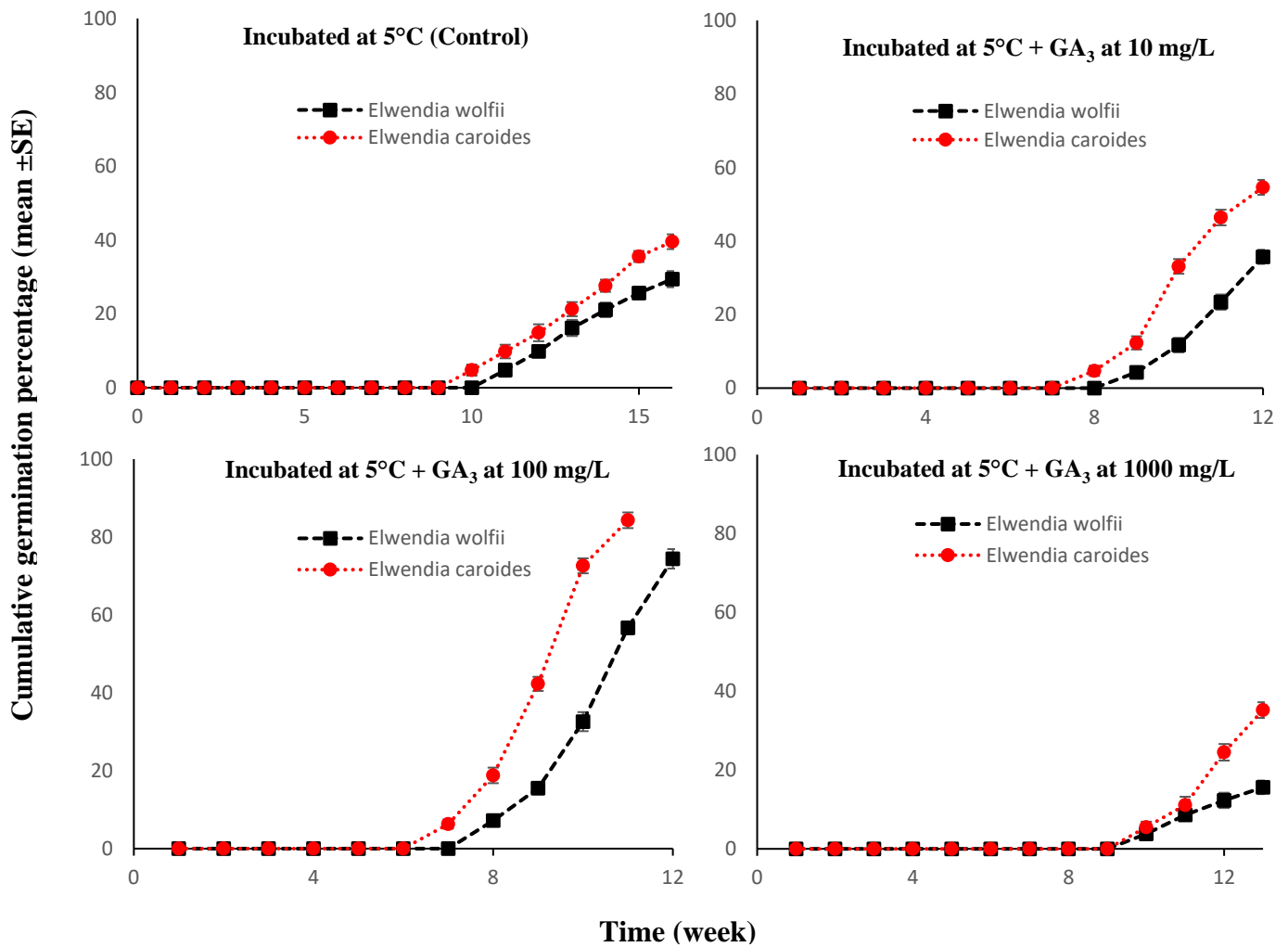


Figure S7. The effect of GA₃ in combination with cold incubation temperature on seed germination (mean ± SE) of *Elwendia caroides* and *E. wolfii*. The seeds of each species were incubated in different concentrations of GA₃ (10, 100 and 1000mg l⁻¹), and then transferred to cold temperature at 5 °C. Seed germination was measured in weekly intervals.