

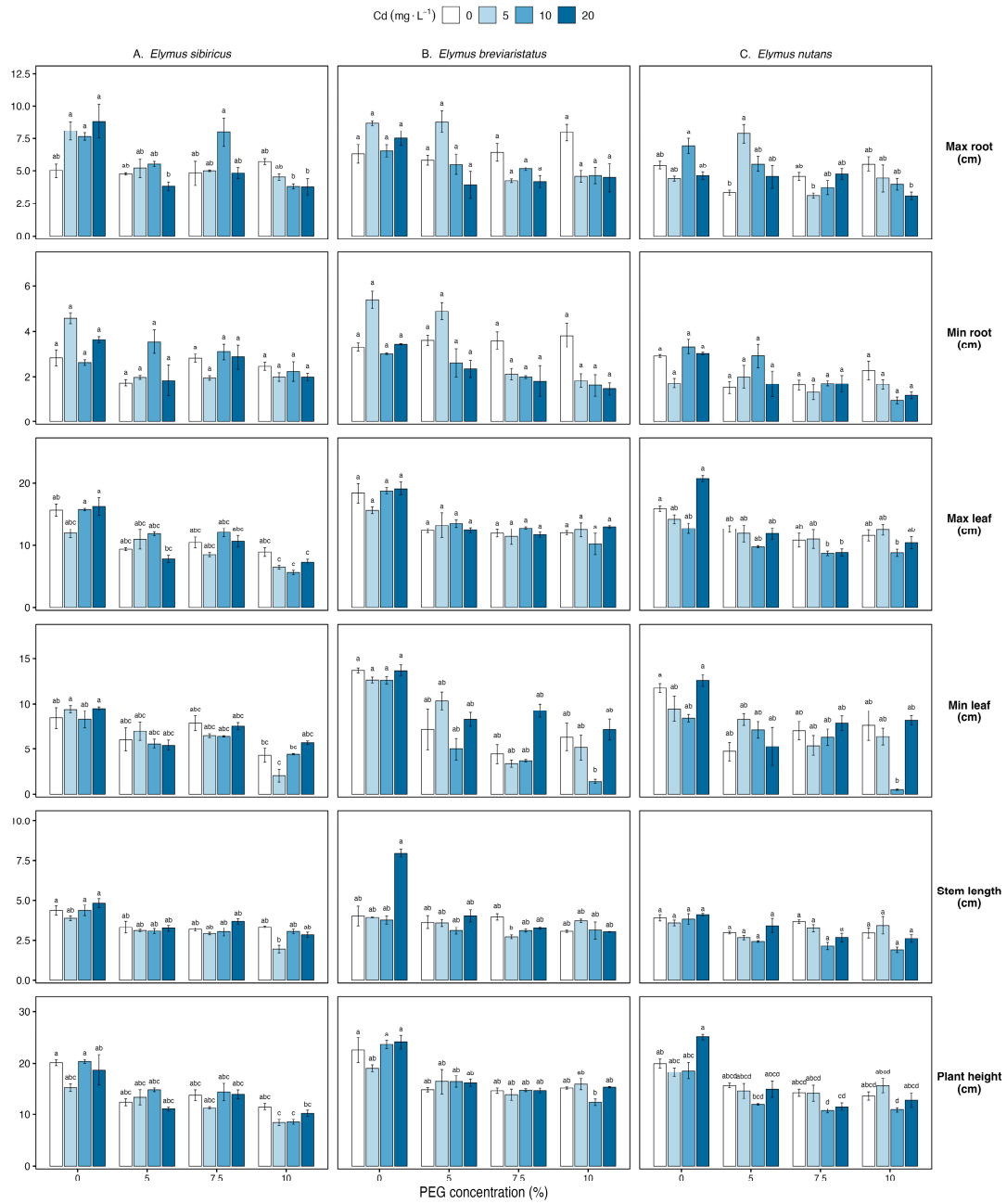


**Figure S1. Detailed grouped-bar plots of growth and morphological responses of three *Elymus* grasses under the Cd × PEG-6000 treatments.** Values are means ± SE (n = 3). Different lowercase letters indicate significant differences among treatment combinations within each grass species at  $P < 0.05$ .

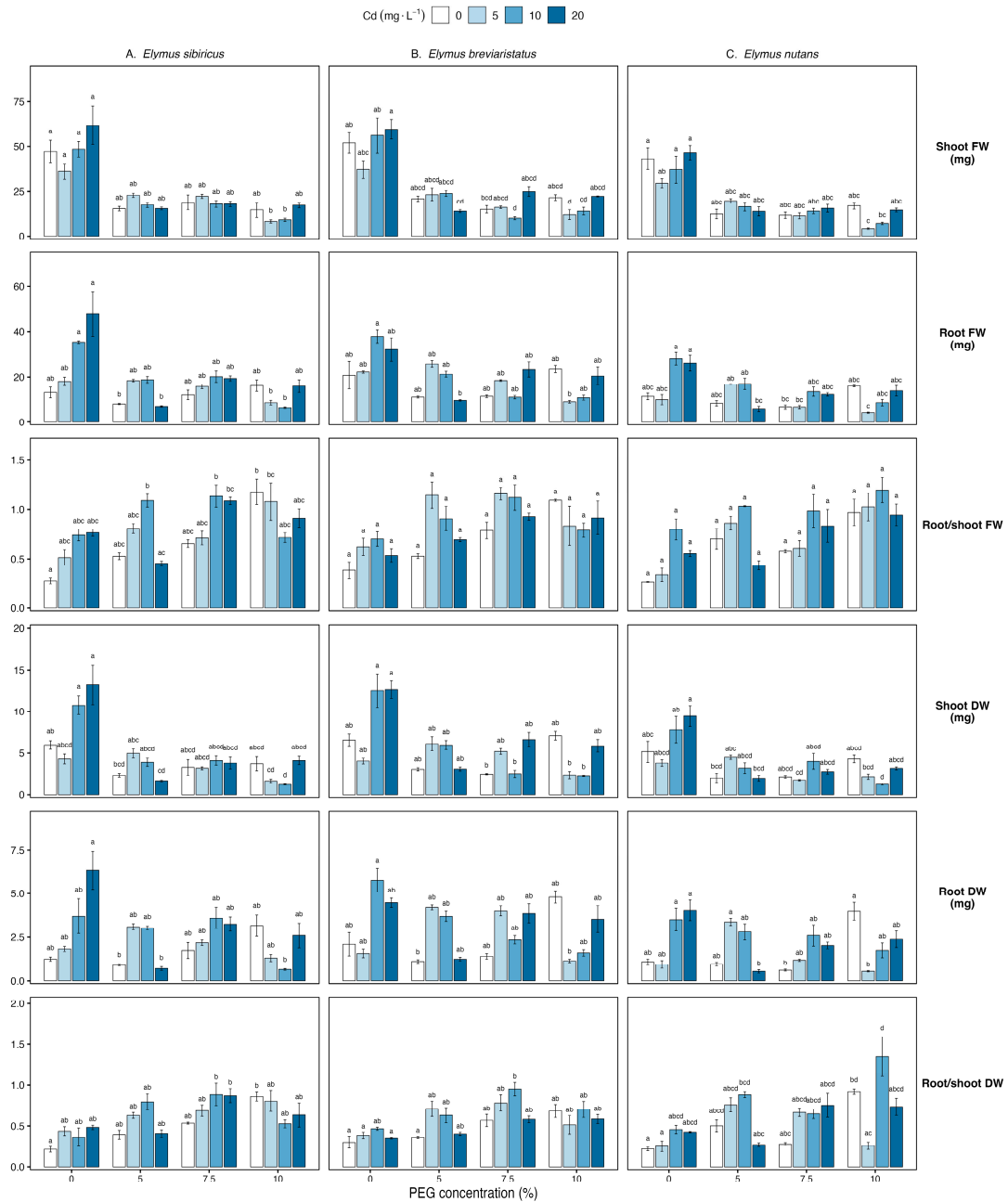


**Figure S2. Detailed grouped-bar plots of biomass allocation responses of three *Elymus* grasses under the Cd × PEG-6000 treatments. Values are means ± SE (n = 3). Different lowercase letters indicate significant differences among treatment combinations within each grass species at P < 0.05. FW, fresh weight; DW, dry weight.**

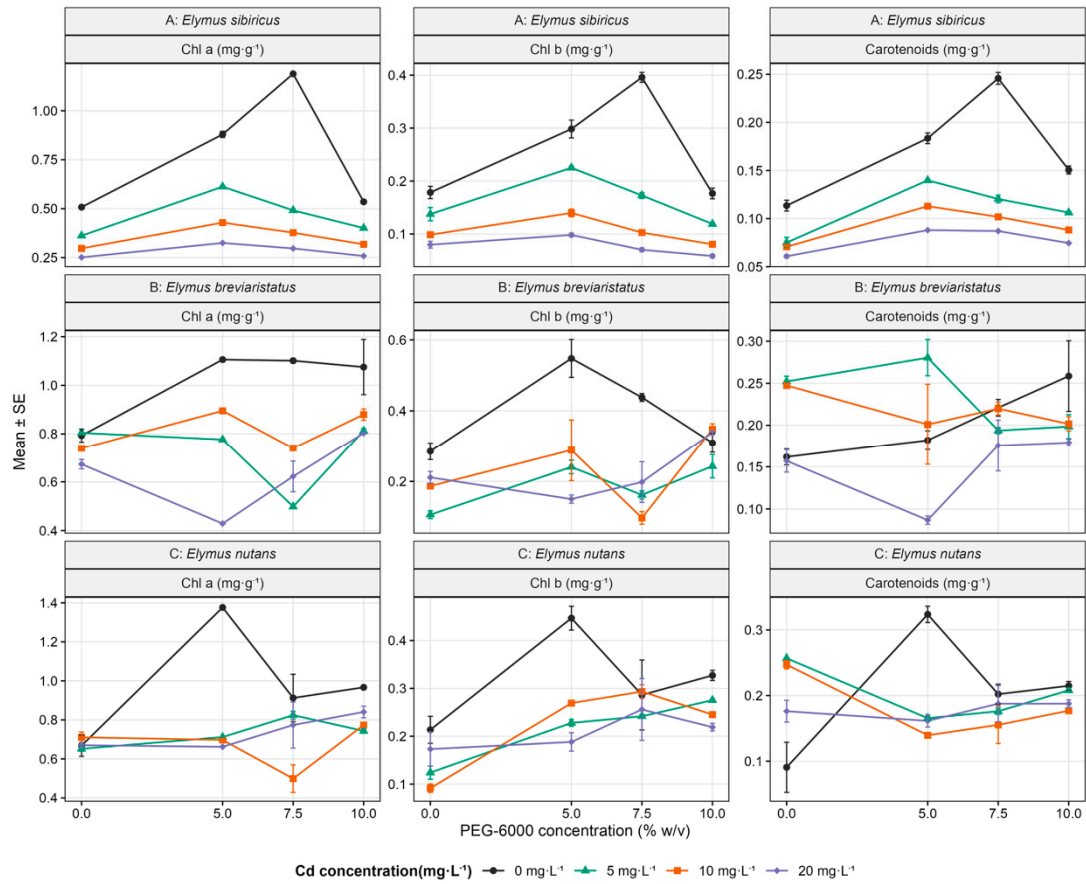


**Figure S3. Chlorophyll a, chlorophyll b, and carotenoid responses of three *Elymus* grasses under combined cadmium and PEG-6000-induced osmotic stress. Values are means  $\pm$  SE (n = 3). Chl a, chlorophyll a; Chl b, chlorophyll b.**