Supplementary Material

Physiological responses of *Amaranthus cruentus* L. to drought stress under sufficient- and deficient-nitrogen conditions

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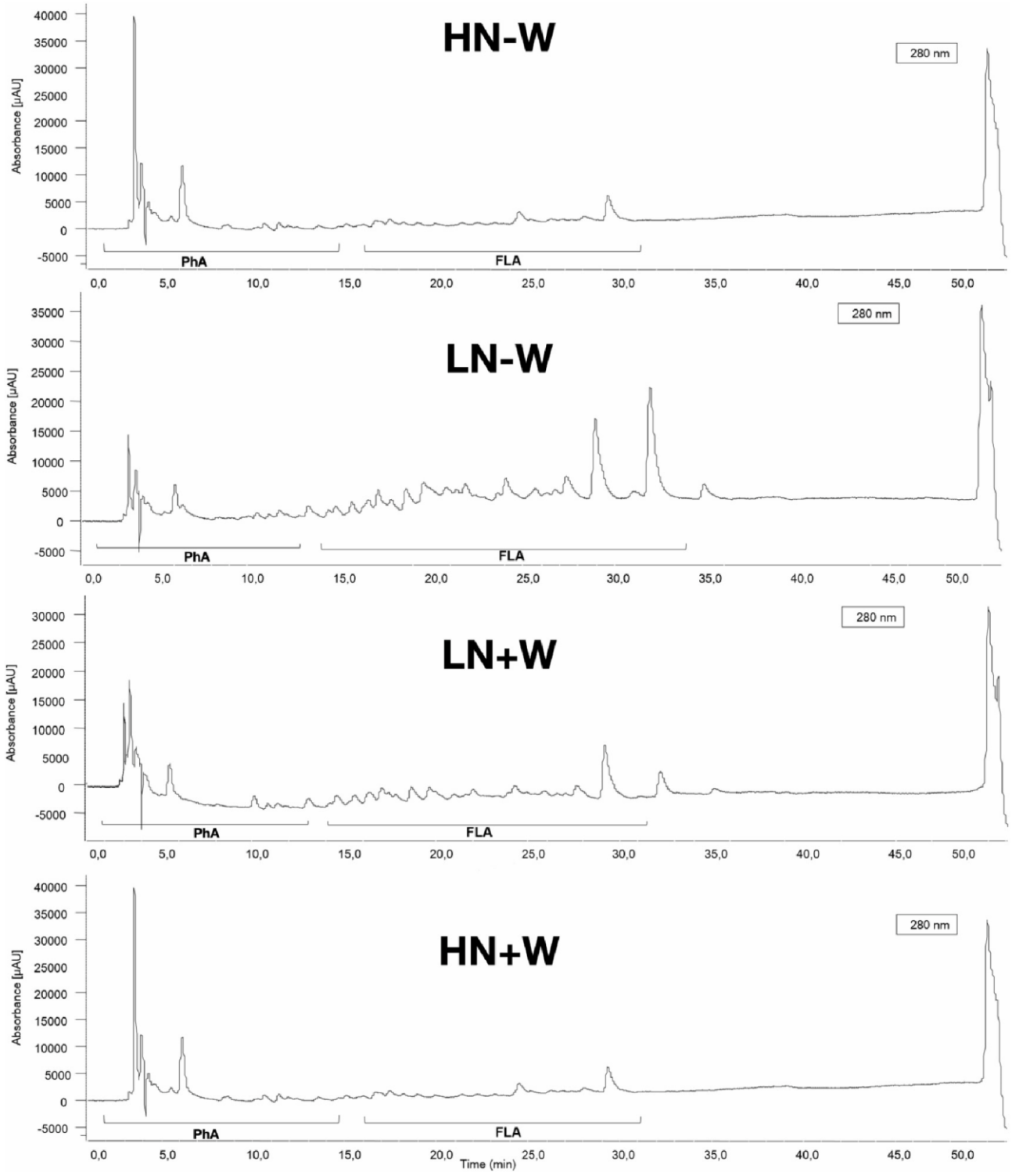

Figure S1: Representative analytical chromatograms obtained by HPLC-PAD from the 85% MeOH leaves extract of amaranth plants grown under different conditions of nitrogen and water supply. The peaks in the chromatogram were identified as phenolic acids (PhA) and as flavonoids (FLA) based on UV-vis absorption patterns by means of PAD analysis. Legend: high nitrogen and stressed (HN-W), low nitrogen and stressed (LN-W), low nitrogen and well hydrated (LN+W) and high nitrogen and well hydrated (HN+W) plants.

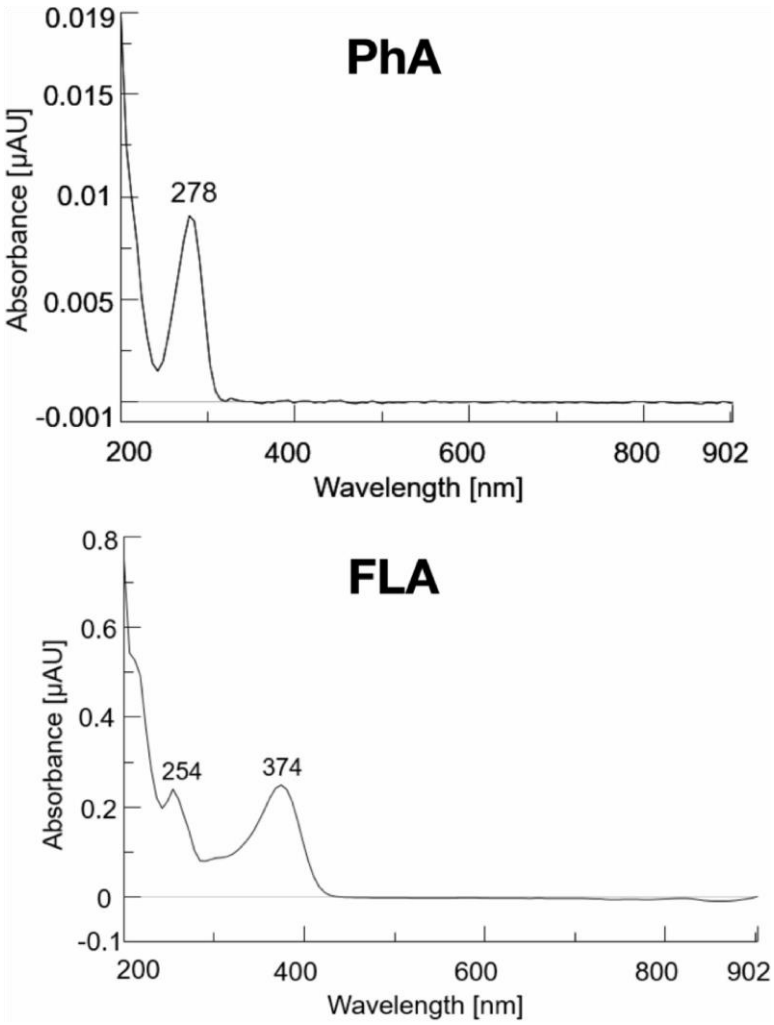

Figure S2: Representative UV-vis spectra obtained by HPLC-PAD of peaks from the analytical chromatograms of amaranth plants 85% MeOH extracts assigned as phenolic acid (PhA) and as flavonoid (FLA) derivatives.