



Ecophysiological researches in crop plants at agroecosystems from Northeastern Romania

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This present study is an approach of the physiological aspects of cultivated plants as ecological point of view. It were analyzed the photosynthetic pigments and sugars metabolism in crops plants(gramineous plants: *Avena sativa* varieties, *Zea mays* L. and leguminous plants:*Medicago sativa* as perenne and *Soja hispida*) from stations in Northeastern Romania belonging of two great geographic units: Moldavian Plain and Prut Meadow, middle section. The mean of analyzed photosynthetically parameters in cultivated plants in Moldavian Plain had a greater values not only in comparison with the mean of the same parameters of species from hay fields and pastures studied in Moldavian Plain but also than the same cultivated plants from others agroecosystems in Prut middle meadow.