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## BOOK REVIEW

BABUSHKIN, L. N.: *Pogloshchenie vodyanykh parov iz mezhkлетochnogo prostranstva list'ev* [Water Vapour Absorption from Leaf Intercellular Spaces]. — Shtiintsa, Kishinev 1976, 142 pp. 0.90 Rbl., in Russian.

This readable monography brings interesting material dealing with water vapour absorption by leaf tissues and its physiological significance, especially for reaction of plants to extreme conditions. The author shows the possibility of direct reabsorption of transpired water. He explains this fact by the existence of so called "metabolic coolers" localized predominantly in peroxisomes. A detailed description of methods used by the author for measurement of transpiration rate, water vapour absorption rate and leaf temperature is also included. The text is illustrated with 60 figures and 28 tables and supplied with 251 references.

The non-traditional approach of the author to the thermal resistance and drought resistance of plants on the basis of water reabsorption due to the function of "metabolic coolers" will certainly stimulate further interest in these not only theoretically but also practically important problems.

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