REFERENCES

Allaway, W.G. 1981. Anions in stomatal operation. In: Stomatal Physiology, (ed.) P.G. Jarvis and T.A. Mansfield. Soc. Exp. Biol. (SS) 8:71-85. Cambridge:Cambridge Univ. Press. pp. 295.

Brogardh, T. and Johnson, A. 1975. Regulation of transpiration in Avena. Responses to white light. Physiol. Plant., 35:115-25.

Fischer, R.A. 1968. Stomatal opening in isolated epidermal strips of Vicia faba. I Response to light and to CO_2 free air. Plant Physiol., 43:1947-52.

Fischer, 1972. Aspects of potassium accumulation by stomata of Vicia faba. Aust. J. Biol. Sci., 25:1107-1123.

Fujino, M. 1967. Role of adenosine triphosphate and adenosine triphosphotase in stomatal movements. Science Bulletin, Fac. Educ. Nagasaki Univ., 18:1-47.

Hsiao, T.C. 1976. Stomatal ion transport. In:Transport in plants II, ed. V. Luttge, M.G. Pitman. Encycl. Plant Physiol. (N.S.) 2 B:195-221, Berlin, Springer.

Hsiao, T.C., Allaway, W.E. and Evans, L.T. 1973. Action spectra for guard cell Rb^+ uptake and stomatal opening in Vicia faba. Plant Physiol., 51:82-88.

Humble, G.D. and Hsiao, T.C. 1970. Light dependent influx and efflux of potassium of guard cells during stomatal opening and closing. Plant Physiol., 46:483-87.

Jarvis, P.G. and Morison, J.I.L. 1981. The control of transpiration and photosynthesis by the stomata. In:Stomatal physiology (ed.) P.G. Jarvis and T.A. Mansfield. Soc. Exp. Biol., 8:71-85, Cambridge, Cambridge Univ. Press, pp. 247-79.

Kuiper, P.C.J. 1964. Dependence upon wavelength of stomatal movement in epidermal tissue of Senecio odoris Plant Physiol., 39:952-55.

Levitt, J. 1974. The mechanism of stomatal movement once more. Protoplasma, 82:1-17.

Losch, R. and Tenhunen, J.D. 1981. Stomatal responses to humidity phenomenon and mechanism. Soc. Exp. Biol., 8:71-85 Cambridge, Cambridge Univ. press, pp.137-61.

Lurie, S. 1978. The effect of wavelength of light on stomatal opening. Planta 140:245-49.

Mac Robbie E.A.C. 1977. Functions of ion transport in plant cells and tissues. Int. Rev. Biochem. II, 13:211-47.

Mac Robbie, E.A.C., and Lettau, J. 1980. Ion content and aperture in "isolated" guard cells of Commelina communis L. J. Exp. Bot., 32:562-72.

Meidner, H. 1968. The comparative effects of blue and red light on the stomata of Allium cepa L. and Xanthium pennsylvanicum. J. Exp. Bot., 19:146-51.

Meidner, H. Mansfield, T.A. 1968. Physiology of stomata McGraw Hill, London, pp.179.

Melis, A. and Zeiger, E. 1982. Chlorophyll a flouresecence transients in mesophyll and guard cells. Modulation of guard cell photophosphorylation by CO_2. Plant Physiol, 69:642-47.

Mittelheuser, C.J. and Van Steveninck R.F.M. 1969. Stomatal closure in the inhibition of transpiration induced by abscisic acid. Nature (London), 221:281-282.

Ogawa, T. Ishikawa, H., Shimada, K. and Shibata, K. 1978. Synergistic action of red and blue light and action spectra for malate formation in guard cells of Vicia faba L. Planta, 142:61-65.

Ogawa, T. Grantz, D. Boyer, J. and Govindjee, 1982. Effects of cations and abscisic on chlorophyll a fluorescence in guard cells of Vicáa faba Plant Physiol., 69:1140-44.

Outlaw, W.H.Jr. 1982. Carbon metabolism in guard cells. In:Cellular and subcellular localisation in Plant metabolism (eds) L.L. Creasy and G. Hrazdina.

Outlaw, W.H.Jr. and Lowry, O.H. 1977. Organic acid and potassium accumulation in guard cells during stomatal opening. Proc. Nat. Acad. Sci. USA., 74:4434-38.

Outlaw, W.H.Jr. and Manchester, J. 1979. Guard cell starch concentration quantitatively related to stomatal aperture. Plant Physiol. 64:79-82.

Outlaw, W.H.Jr., Manchester, J. and Dicamelli, C.A. 1979. Histochemical approach to properties of Vicia faba guard cell phosphoenol pyruvate carboxylase. Plant Physiol. 64:269-72.

Outlaw, W.H.Jr., Manchester, J., Dicamelli, C.A. Randall, D.D., Rapp, B. and Veith, G.M. 1979. Photosynthetic carbon reduction pathway is absent in chloroplasts of Vicia faba guard cells. Proc. Nat. Acad. Sci. U.S.A., 76:6371-75.

Pallaghy, C.K. 1971. Stomatal movement and potassium transport in epidermal strips of Zea mays. The effect of CO_2. Planta, 101:287-295.

Pallaghy, C.K. and Fischer, R.A. 1974. Metabolic aspects of stomatal opening in epidermal strips of Vicia faba. Z. Pflanzenphysiol., 71:332-44.

Pallas, J.E.Jr. and Dilley, R.A. 1972. Photophosphorylation can provide sufficient adenosine 5' - triphosphate to drive K^+ movements during stomatal opening. Plant Physiol., 49:649-50.

Penny, M.G. and Bowling, B.J.F. 1974. A study of potassium gradients in the epidermis of intact leaves of Commelina communis L. in relation to stomatal opening. Planta, 119:17-25.

Rama Das, V.S. and Raghavendra, A.S. 1974. Control of stomatal opening by pyruvate metabolism in light. Indian Journal of Experimental Biology, 12:425-428.

Rama Das, V.S. and Raghavendra, A.S. 1974. Role of cyclic photophorylation in the control of stomatal opening. Mechanism of Regulation of Plant growth (eds.), R.L. Bieleski, A.R. Ferguson and M.M. Cresswell Bulletin 12, The Royal Society of New Zealand, Wellington, pp.455-460.

Rama Das, V.S. and Raghavendra, A.S. 1982. The Physiology and biochemistry of their regulation in leaves. Current Science, 51:586-593.

Raschke, K. 1975. Stomatal action. Ann. Rev. Plant Physiol., 26:309-40.

Raschke, K. 1979. Movements of stomata. In:Physiology of movements. (ed.) W.Haupt and M.E. Feinleib. Encycl. Plant Physiol., (N.S.) 7:383-441, Berlin:Springer.

Raschke, K. and Fellows, M.P. 1971. Stomatal movements in Zea mays. Shuttle of potassium and chloride between guard cells and subsidiary cells. Planta, 101:296-316.

Schimmaki, K., Gotow, K. and Kondo, N. 1982. Photosynthetic properties of guard cell protoplasts from Vicia faba L. Plant Cell Physiology, 23:871-79.

Schnabl, H. 1981. The compartmentation of carboxylating and decarboxylating enzymes in guard cell protoplasts. Planta, 152:307-13.

Schnabl, H. and Hampp, R. 1980. Vicia guard cell protoplasts lack photosystem II activity. Naturwissenschaften, 67:465-66.

Schwartz, A. and Zeiger, E. 1982. Bioenergetics of stomatal opening. Plant Physiol., 69:83.

Sharkey, T.D. and Raschke, K. 1981. Separation and measurement of direct and indirect effects of light on stomata. Plant Physiol., 68:33-40.

Skaar, H. and Johnson, A. 1978. Rapid blue light induced transpiration in Avena. Physiol. Plant., 43:390-96.

Turner, N.C. 1973. Action of fusicoccin on the potassium balance of guard cells of Phaseolus vulgaris. Am. J. Bot., 60:717-25.

Travis, A.J. and Mansfield, T.A. 1981. Light saturation of stomatal opening on the adaxial and abaxial epidermis of Commelina communis L. J. Exp. Bot., 32:1169-79.

Walker, D.A. and Zelitch, I. 1963. Some effects of metabolic inhibitors, temperature and anaerobic conditions on stomatal movement. Plant Physiol. 38:390-96.

Willmer, C.M. and Mansfield, T.A. 1969. A Critical examination of the use of detached epidermis in studies of stomatal physiology. New Phytologist, 68:363-375.

Wilmer, C.M. and Mansfield, T.A. 1970. Effects of some metabolic inhibitors and temperature on ion stimulated stomatal opening in detached epidermis. New Phytol, 69:983-92.

Wilson, J.A., Ogunkanmi, A.B. and Mansfield, T.A. 1978. Effects of external potassium supply on stomatal closure induced by abscisic acid. Plant Cell Environ., 1:199-201.

Zeiger, E. and Hepler, P.K. 1977. Light and stomatal function: blue light stimulates swelling of guard cell protoplasts. Science, 196:887-89.

Zeiger, E. and Field, C. 1982. Photo control of the functional coupling between photosynthesis and stomatal conductance in the intact leaf. Plant Physiol.. 70:370-375.

Zeiger, E., Moody, W., Hepler, P. and Varela, F. 1977. Light sensitive membrance potentials in onion guard cells. Nature, 270:270-271.

Zeiger, E., Bloom, A.J. and Hepler, P.K. 1978. Transport in stomatal guard cells: A chemico-osmotic hypothesis. What is New in Plant Physiol., 9:29-32.

Zeiger, E., Field, C. and Mooney, H.A. 1981. Stomatal opening at dawn:possible roles of the blue light response in nature. In:H.Smith, (ed.), Plants and Daylight Spectrum. Academic Press, London, 391-407.

Zeiger, E., Armond, P. and Melis, A. 1981. Fluoresence properties of guard cell chloroplasts. Plant Physiol., 67:17-20.

Zelitch, I. 1965. Environmental and Biochemical control of stomatal movements in leaves. Biol. Rev. 40:463-82.