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Instrumentation for Soil, Crop & Environmental Monitoring

High Pressure Flow Meter References

<http://ictinternational.com.au/hpfm.htm>

Cochard, H., Martin, R., Gross, P. and Bogeat -Triboulot, M.B. 2000, '**Temperature Effects on Hydraulic Conductance and Water Relations of *Quercus robur* L.**' *Journal of Experimental Botany*, vol. 51, no. 348, pp. 1255-1259.

Domec, J.-C., Meinzer, F.C., Gartner, B.L. and Woodruff, D. 2006, '**Transpiration-induced Axial and Radial Tension Gradients in Trunks of Douglas-fir Trees**', *Tree Physiology*, vol. 26, pp. 275-284.

Trifilò, P., Raimondo, F., Nardini, A., Lo Gullo, M.A. and Salleo, S. 2004, '**Drought Resistance of *Ailanthus altissima*: Root Hydraulics and Water Relations**', *Tree Physiology*, vol. 24, pp. 107-114.

Tsuda, M. and Tyree, M.T. 1997, '**Whole-plant Hydraulic Resistance and Vulnerability Segmentation in *Acer saccharinum***', *Tree Physiology*, vol. 17, pp. 351 - 357.

Tsuda, M. and Tyree, M.T. 2000, '**Plant Hydraulic Conductance Measured by the High Pressure Flow Meter in Crop Plants**', *Journal of Experimental Botany*, vol. 51, no. 345, pp. 823-828.

Tyerman, S.D., Tilbrook, J., Pardo, C., Kotula, L., Sullivan, W. and Steudle, E. 2004, '**Direct Measurement of Hydraulic Properties in Developing Berries of *Vitis vinifera* L. cv Shiraz and Chardonnay**', *Australian Journal of Grape and Wine Research*, vol. 10, pp. 170-181.

Tyree, M.T. 1997, '**The Cohesion-Tension Theory of Sap Ascent: Current Controversies**', *Journal of Experimental Botany*, vol. 48, no. 315, pp. 1753-1765.

Tyree, M.T., Nardini, A. and Salleo, S. 2001, '**Hydraulic Architecture of Whole Plants and Single Leaves**', *L'Abre The Tree*, Montreal, Isabelle Quentin. 2000 pp. 215-221.

Tyree, M.T., Patiño, S., Bennink, J. and Alexander, J. 1995, '**Dynamic Measurements of Root Hydraulic Conductance using a High-pressure Flowmeter in the Laboratory and Field**', *Journal of Experimental Botany*, vol. 46, no. 282, pp. 83-94.

Tyree, M.T., Velez, V. and Dalling, J.W. 1998, '**Growth Dynamics of Root and Shoot Hydraulic Conductance in Seedlings of Five Neotropical Tree Species: Scaling to show Possible Adaption to Differing Light Regimes.**' *Oecologia*, vol. 114, pp. 293-298.

Wei, C., Tyree, M.T. and Steudle, E. 1999, '**Direct Measurement of Xylem Pressure in Leaves of Intact Maize Plants. A Test of the Cohesion-tension Theory taking Hydraulic Architecture into Consideration**', *Plant Physiology*, vol. 121, pp. 1191-1205.

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Wikberg, J. and Ögren, E. 2004, '**Interrelationships between Water Use and Growth Traits in Biomass-producing Willows**', *Trees - Structure and Function*, vol. 18, no. 1, pp. 70-76.

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