Patterns of Tamarix

site at the same frequency. Water table position is calculated using the corrected pressure-head measurement and the known sensor elevation. A neutron-probe access tube was installed adjacent to each well in August 2004 and volumetric water content is measured biweekly during the growing season using a model 503 DR Hydroprobe moisture depth gauge (Campbell Pacific Nuclear).

location with the shallowest water table. As the water table

1.1, 1.2, and 3.1. During the 24 August sampling period, xylem d^{18}

August), predawn and midday water potentials increased to values similar to those recorded during the early season despite the continued drought (Fig. 6).

Discussion

Evapotranspirative consumption of groundwater produces the diel fluctuations in the water table that are commonly observed in shallow wells in vegetated riparian zones

observed fluctuations. By mid-July, most herbaceous plants

Therefore the Tamarix leaf physiology largely reflects canopy regrowth in plot 3, and moderate water stress in plot 1 during the summer drought.

Conclusion

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Jenerette GD, Larsen L (2006) A global perspective on changing