Madison, WI ___ 10 km not gentrified gentrified site < 500m of gentrified census tract site > 500m of gentrified census tract Species richness 12 -0.6 Beta diversity 0.5 10 8 0.4 0.3 6 0.2 0.1 0.7 0.2 0 0.1 0.3 0.4 0.5 0.6 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0 Impervious cover (proportion) Impervious cover (proportion) Site frequency 5 **Probability** 0.8 0.6 0.4 0.2 0 0.2 0.7 0.3 0.4 0.5 0.6 0 0.1 0 5 10 15 20 Impervious cover (proportion) Overall richness