Chicago, IL 60 km gentrified not gentrified site < 500m of gentrified census tract site > 500m of gentrified census tract Species richness 20 0.5 Beta diversity 0.4 15 0.3 10 0.2 0.1 0.2 0 0.4 0.6 8.0 0 0.2 0.4 0.6 8.0 Impervious cover (proportion) Impervious cover (proportion) Site frequency 1 15 **Probability** 0.8 10 0.6 0.4 5 0.2 0 0.2 0.6 0.4 15 0 8.0 Ó 5 10 20 Overall richness Impervious cover (proportion)