Dispersal ecology of endangered versus native and non-native plants **Seed mass Terminal velocity** Terminal velocity (m/s) Seed mass (mg) 100.00 1.00 0.01 n=215n=709n=657n=1335n=275n=65d C **Germination rate Dispersal distance** Germination rate (%) 100 n = 808n=1623n=324Ò Distance class 6 75 4 50 0 0 0 25 2 0 n = 708n=256n=111f е g **Dispersal mode Seed structures** Seedbank type Local non-specific dispersal transient No appendages 61% (n=202) 62% (n=91) 64% (n=58) 51% (n=431) 40% (n=171) 51% (n=844) 40% (n=352) Anemochory 71% (n=175) Elongated appendages 14% (n=48) 26% (n=218) 22% (n=32) 76% (n=605) 20% (n=328) 35% (n=150) short-term persistent Myrmecochory 35% (n=315) 11% (n=35) Balloon structures 9% (n=76) 24% (n=22) 10% (n=162) 17% (n=25) Endozoochory 23% (n=99) 17% (n=42) 24% (n=215) 9% (n=29) 5% (n=42) 17% (n=133) Flat appendages 13% (n=212) 10% (n=15) **Epizoochory** long-term persistent 15% (n=63) 3% (n=11) 16% (n=142) 11% (n=10) 6% (n=49) 5% (n=79) Nutrient containing structures Hydrochory 12% (n=29) 6% (n=9) 2% (n=7) 7% (n=30) 4% (n=32) 8% (n=60) 15% (n=133) 1% (n=20) 0.6 8.0 0.2 8.0 0.00 0.25 1.00 0.2 0.4 0.50 0.75 0.0 0.4 0.6 0.0 Proportion of species native non-endangered native endangered non-native