### Wright, SJ, O Calderón, A Hernandéz, M Detto, PA Jansen. Accepted. Interspecific associations in seed arrival and seedling recruitment in a Neotropical forest. *Ecology*.

### Data S1

### Dispersal modes of 810 species from Barro Colorado Island and central Panama.

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### File list in DataS1.zip

Supplement1.csv Seed dispersal modes for 810 species

**Description**

S. Joseph Wright compiled published and personal observations of dispersal modes for plants from Barro Colorado Island, Panama and nearby forests mostly within the Barro Colorado Nature Monument. Entries are TRUE or FALSE. TRUE indicates confirmed dispersal. FALSE indicates that we cannot yet confirm dispersal. Additional observations will undoubtedly convert many FALSE values. Primary contributors include Bonifacio DeLeon, Osvaldo Calderon and S. J. Wright. S. J. Wright also interviewed many zoologists studying bats, birds, primates and other mammals. For the present article, zoochorous species had a TRUE value for at least one of the following variables: ‘bat’, ‘small\_bird’, ‘large\_bird’ and ‘nonvolant\_mammal’.

These data were also used in the following two publications:

Muller-Landau, H. C. and B. D. Hardesty. 2005. Seed dispersal of woody plants in tropical forests: concepts, examples and future directions. Pages 267-309 in D. F. R. P. Burslem, M. A. Pinard, and S. E. Hartley, editors. Biotic Interactions in the Tropics: Their Role in the Maintenance of Species Diversity. Cambridge University Press, Cambridge.

Seidler, T. G. and J. B. Plotkin. 2006. Seed dispersal and spatial pattern in tropical trees. PLoS Biol 4:e344.

Variable definitions follow.

code4 – a four-letter mnemonic to identify species used originally by the Center for Tropical Forest Science (CTFS)

code6 – a six-letter mnemonic to identify species used today by the CTFS

family – plant family

genus – Latin binomial genus

species – Latin binomial species

authority – botanical authority who described the species

bat – seeds dispersed by bats (TRUE or FALSE) derived almost entirely from interviews with the late Charles Handley and Elizabeth Kalko

small\_bird – seeds dispersed by birds < 300 g in body mass (TRUE or FALSE)

large\_bird – seeds dispersed by birds > 300 g in body mass (TRUE or FALSE)

nonvolant\_mammal – seeds dispersed by non-volant mammals (TRUE or FALSE)

wind – seeds dispersed by wind (TRUE or FALSE)

explosive – seeds dispersed explosively (TRUE or FALSE)

water – seeds dispersed by water (TRUE or FALSE)