

**Figure S3.** Correlation between *InRGR* in diameter at the base of 15 tree species and *In* seed mass. Value of  $r^2$ , regression line and equation are shown. Intermittent green regression line excludes three  $N_2$ -fixing species ( $InRGR = -1.36 - 0.10 * In [Seed mass]$ ;  $r^2 = 0.80$ ;  $P < 0.0001$ ) and intermittent blue regression line excludes pioneer and  $N_2$ -fixing species ( $InRGR = -1.36 - 0.09 * In [Seed mass]$ ;  $r^2 = 0.75$ ;  $P < 0.01$ ). Acronyms refer to the first five letter of the genus name.

