

## Supplementary information to

### Rarity of monodominance in hyperdiverse Amazonian forests

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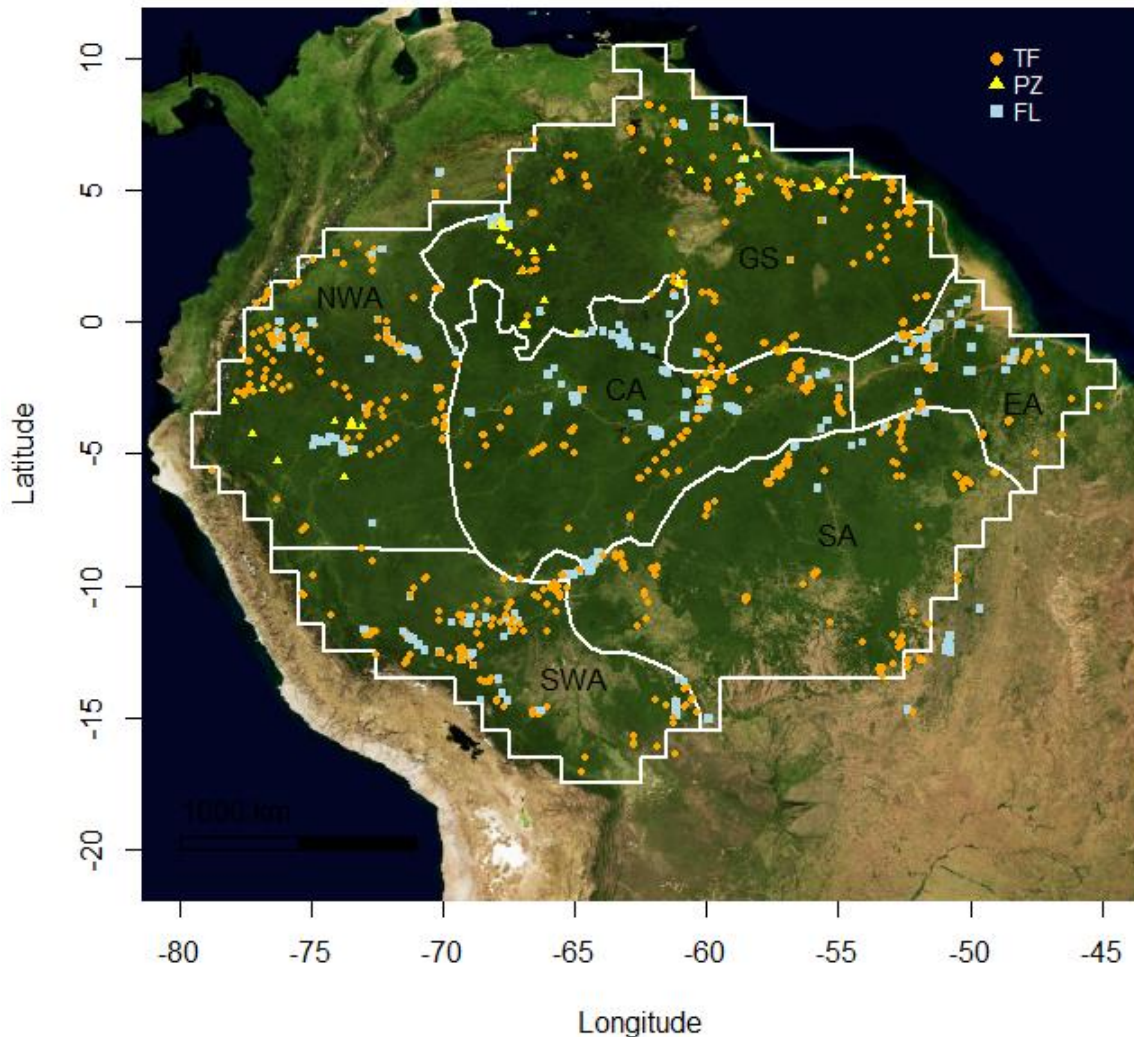
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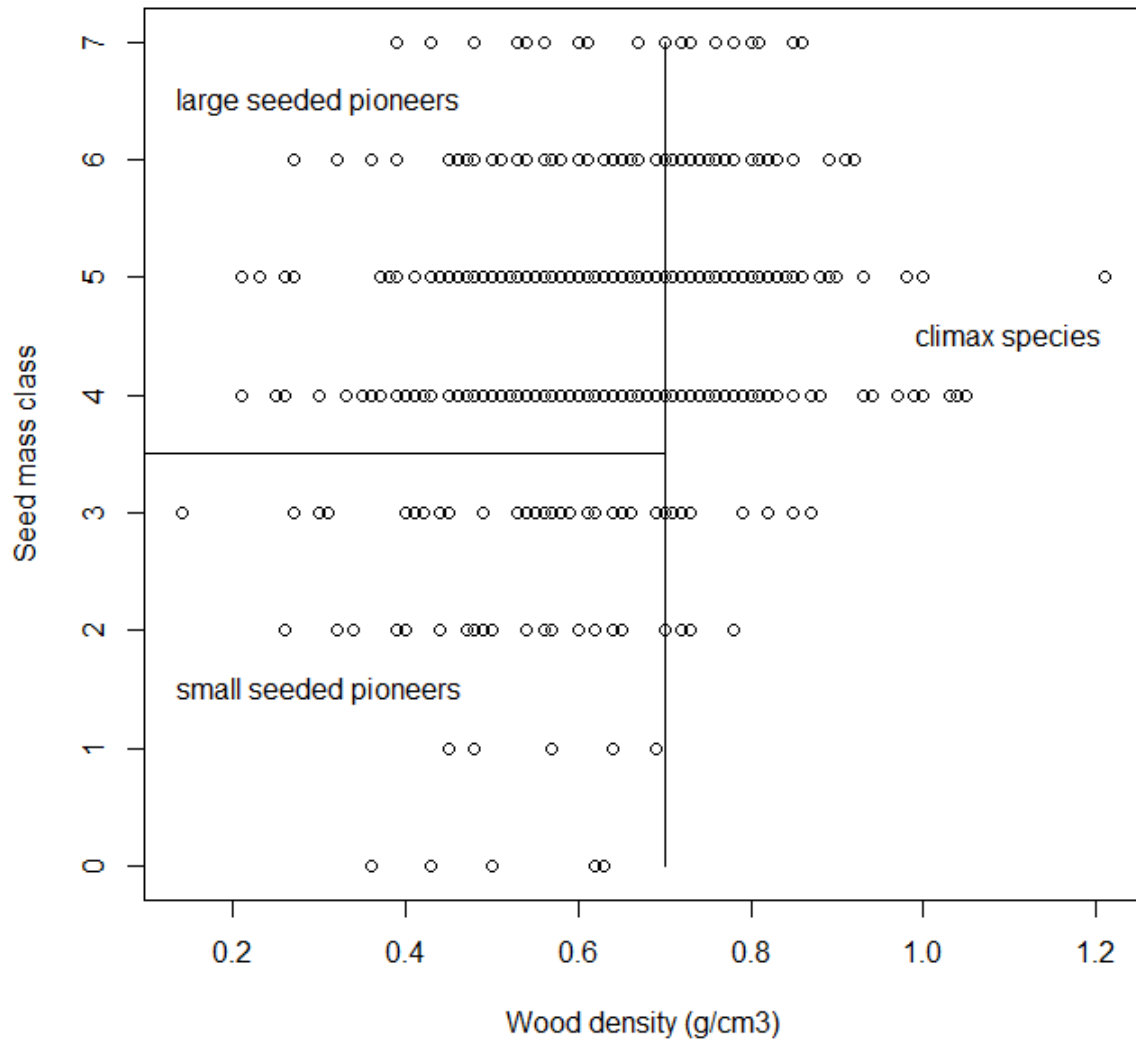
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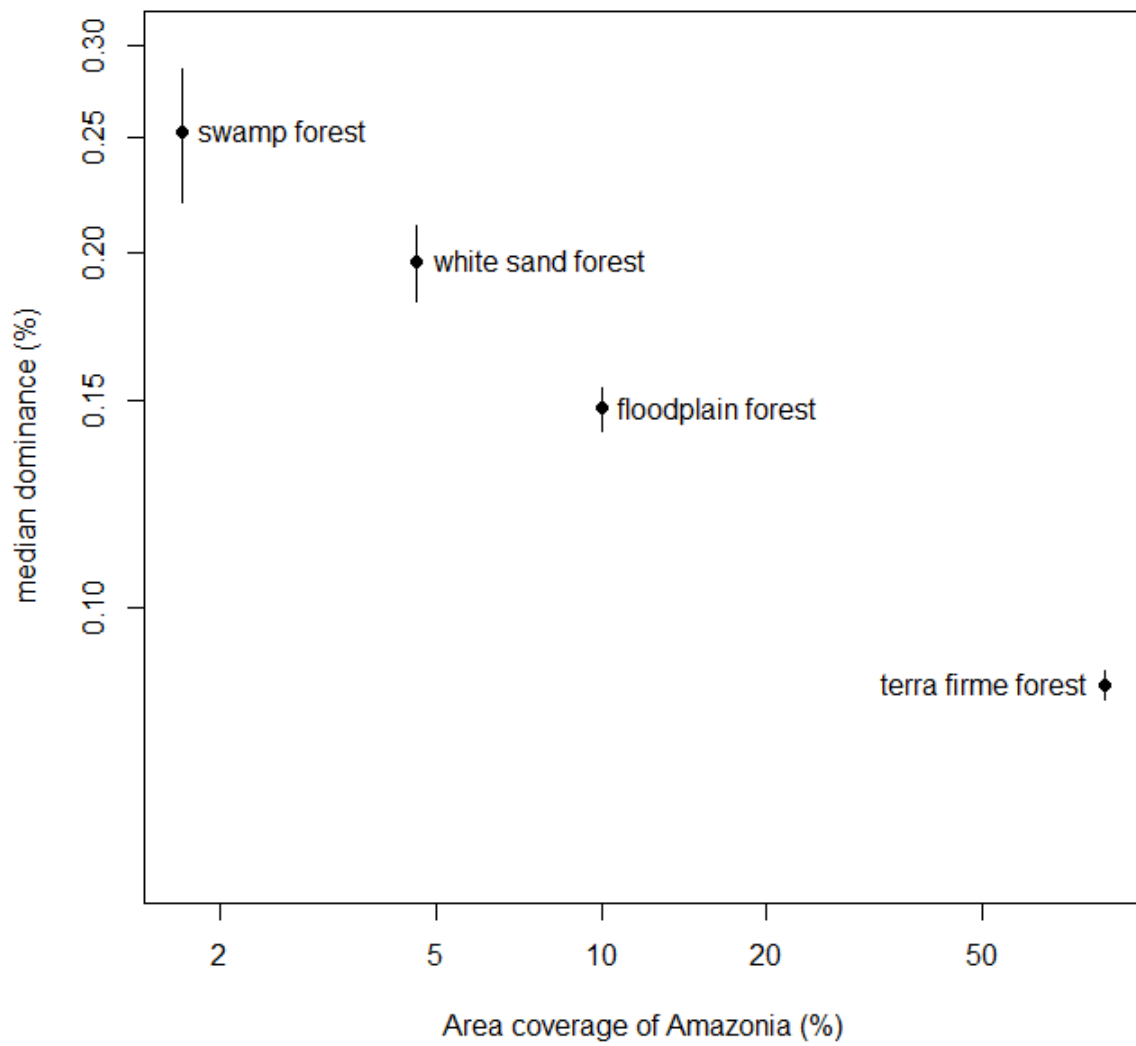
## ATDN plots, n = 1946



**Figure S1. Map of Amazonia showing the location of the 1,946 Amazon Tree Diversity Network (ATDN) plots that contributed data to this paper.** The white polygon marks our delimitation of the study area and consists of 567 1° grid cells (area = 6.29 million km<sup>2</sup>). Orange circles indicate plots on *terra firme*; blue squares, plots on seasonally or permanently flooded terrain (*várzea*, *igapó*, swamps); yellow triangles, plots on white-sand podzols; gray circles, plots only used for tree density calculations. Background is from Visible Earth. Regions: CA, central Amazonia; EA, eastern Amazonia; GS, Guiana Shield; SA, southern Amazonia; WAN, northwestern Amazonia; WAS, southwestern Amazonia. Map created with custom R<sup>1</sup> script. Base map source (country.shp, rivers.shp): ESRI (<http://www.esri.com/data/basemaps>, © Esri, DeLorme Publishing Company). Background: Visible Earth NASA <sup>2</sup> (<https://visibleearth.nasa.gov/useterms.php> © NASA).



**Figure S2.** Wood density and seed mass class of all genera found in the plots used for this study.



**Figure S5.** Median dominance of the four main Amazonian forest types by surface area coverage of Amazonia. Bars indicate se ( $sd/\sqrt{n}$ ).

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