

SUPPLEMENTARY MATERIAL

SMT 1

Scientific articles used for the composition of the global database

Study site	Country	Article title	Reference
Parque Costero del Sur	Argentina	Caída y masa de hojarasca en bosques de Celtis tala Gill ex Planch y Scutia buxifolia Reiss del este de la provincia de Buenos Aires, Argentina	Arturi et al. 1996
Bacaba Park, Baixo	Brazil	Chuva de sementes em uma Flowersta de galeria no Parque do Bacaba, em Nova Xavantina, Mato Grosso, Brazil	Lagos 2009
BDFFP Reserve	Brazil	Litter production and litter nutrient concentrations in a fragmented Amazonian landscape	Vasconcelos and Luizao (2004)
Belem IG	Brazil	Nota sobre deposição de matéria orgânica em Flowersta de terra firme, varzea e igapó.	Silva & Lobo 1982
Belem IG	Brazil	Nota sobre deposição de matéria orgânica em Flowersta de terra firme, varzea e igapó.	Silva & Lobo 1982
Belem VAR	Brazil	Nota sobre deposição de matéria orgânica em Flowersta de terra firme, varzea e igapó.	Silva & Lobo 1982
Belem VAR	Brazil	Nota sobre deposição de matéria orgânica em Flowersta de terra firme, varzea e igapó.	Silva & Lobo 1982
Butia-Acacia	Brazil	Deposição de serapilheira e de macronutrientes em um povoamento de acácia-negra (Acacia mearnsii De Wild.) no Rio Grande do Sul	Valdir-Schumacher et al. 2003, Viera & Schumacher 2010
Butia-Acacia	Brazil	Deposição de serapilheira e de macronutrientes em um povoamento de acácia-negra (Acacia mearnsii De Wild.) no Rio Grande do Sul	Schumacher et al. 2003, Viera & Schumacher 2010
Cardoso Island	Brazil	Litterfall and litter nutrient content in two Brazilian Tropical Forests	Moraes et. al. (1999)
Cardoso Island restinga	Brazil	Litterfall and litter nutrient content in two Brazilian Tropical Forests	Moraes et al. (1999)
Caxiuanã	Brazil	Efeito da topografia e da precipitacao na forística e na producao de literia em Caxiuna, Pará 1	Ferreira et al. 2015
Caxiuanã terra preta	Brazil	Drought impact on forest carbon dynamics and fluxes in Amazonia	Doughty et al. 2014
Caxiuanã tower	Brazil	Drought impact on forest carbon dynamics and fluxes in Amazonia	Doughty et al. 2014
Cuieiras Reserve	Brazil	Litter production and mineral element input to the forest floor in a central Amazonian Forest	Luizao (1989)
Curua-Una Reserve	Brazil	Litterfall and nitrogen-use efficiency of plantations and primary forest in the eastern Brazilian Amazon	Smith et al. (1998)
Dolina da Garapa_Gallery	Brazil	Produção de serapilheira em Flowersta de galeria e Flowersta mesofítica na dolina da garapa, Distrito Federal, Brazil	Santana et al. (2010)
Dolina da Garapa_Meso	Brazil	Produção de serapilheira em Flowersta de galeria e Flowersta mesofítica na dolina da garapa, Distrito Federal, Brazil	Santana et al. (2010)
Fontes do Ipiranga	Brazil	Produção, estoque e nutrientes da serapilheira em Flowersta Ombrófila Densa do Parque Estadual das Fontes do Ipiranga, São Paulo, Brazil	Riberio dos Santos 2014

Fontes do Ipiranga	Brazil	Produção, estoque e nutrientes da serapilheira em Flowersta Ombrófila Densa do Parque Estadual das Fontes do Ipiranga, São Paulo, Brazil	dos Santos 2014
Fontes do Ipiranga, Bamboo	Brazil	Produção, estoque e nutrientes da serapilheira em Flowersta Ombrófila Densa do Parque Estadual das Fontes do Ipiranga, São Paulo, Brazil	Riberio dos Santos 2014
Fontes do Ipiranga, Bamboo	Brazil	Produção, estoque e nutrientes da serapilheira em Flowersta Ombrófila Densa do Parque Estadual das Fontes do Ipiranga, São Paulo, Brazil	dos Santos 2014
Jari, Para Eucaly4.5	Brazil	Litter fall and decomposition in primary, secondary and plantation forests in the Brazilian Amazon	Barlow et al. (2007)
Jari, Para primary	Brazil	Litter fall and decomposition in primary, secondary and plantation forests in the Brazilian Amazon	Barlow et al. (2007)
Jari, Para SEC16	Brazil	Litter fall and decomposition in primary, secondary and plantation forests in the Brazilian Amazon	Barlow et al. (2007)
Jari, Para secondary	Brazil	Litter fall and decomposition in primary, secondary and plantation forests in the Brazilian Amazon	Barlow et al. (2007)
Manaus Flowersta	Brazil	Litter fall, litter stocks and decomposition rates in rainforest and agroforestry sites in central Amazonia	Martius et al. (2004)
Maraca Island, Pelt	Brazil	Litterfall Mass, Chemistry, and Nutrient Retranslocation in a Monodominant Forest on Maracá Island, Roraima, Brazil1	Villela and Proctor (1999)
Maraca Island	Brazil	Ecological studies on a lowland evergreen rain forest on Maracá Island, Roraima, Brazil. II. Litter and nutrient cycling	Scott et al. (1992)
Mata de Piedade	Brazil	Effects of fragmentation on forest structure and litter dynamics in Atlantic rainforest in Pernambuco, Brazil	Schessl et al. (2008)
Mata do Paraíso Maduro	Brazil	Produção de serapilheira em dois estádios sucessionais de Flowersta Estacional Semidecidual na Reserva Mata do Paraíso, em Viçosa, MG	Pinto et al. (2008)
Mata do Paraíso SEC45	Brazil	Produção de serapilheira em dois estádios sucessionais de Flowersta Estacional Semidecidual na Reserva Mata do Paraíso, em Viçosa, MG	Pinto et al. (2008)
Medio Jurua TF	Brazil	Forest structure, fruit production and frugivore communities in terra firme and várzea forests of the Médio Jurua	Hawes & Peres 2017
Medio Jurua Var	Brazil	Forest structure, fruit production and frugivore communities in terra firme and várzea forests of the Médio Jurua	Hawes & Peres 2017
Morro do Elephante	Brazil	Dinâmica nutricional em Flowersta estacional decidual com ênfase aos minerais provenientes da deposição da serapilheira	Costa da Cunha 1993
Nova Xavantina cerrado	Brazil	Chuva de sementes em uma Flowersta de galeria no Parque do Bacaba, em Nova Xavantina, Mato Grosso, Brazil	Silva et al. (2007), Correa-Lagos 2009
Pirapitinga	Brazil	Fitossociologia, aporte de serapilheira, estoques de carbono e nitrogênio em diferentes formações vegetais na Estação Ecológica de Pirapitinga	Giácomo 2009
Serra do Japi AF	Brazil	Padrões de frutificação e dispersão na Serra do Japi	Morellato 1992
Serra do Japi SF	Brazil	Padrões de frutificação e dispersão na Serra do Japi	Morellato 1992

Sinop (0Fr)	Brazil	Produção de serrapilheira no Cerrado e Flowersta de Transição Amazônia-Cerrado do Centro-Oeste Brasileiro	Silva et al. (2007)
Xingu River	Brazil	Effect of seasonal flooding cycle on litterfall production in alluvial rainforest on the middle Xingu River (Amazon basin, Brazil)	Camargo et al. (2015)
Bipenggou	China	Seasonal Dynamics of Litterfall in a Sub-Alpine Spruce-Fir Forest on the Eastern Tibetan Plateau: Allometric Scaling Relationships Based on One Year of Observations	Fu et al, 2017
Chiribiquete, Rebalse	Colombia	-	Navarrete & von Hildebrand, unpublished
Chiribiquete, Tepuy	Colombia	-	Navarrete & von Hildebrand, unpublished
Chiribiquete, TF Baja	Colombia	-	Navarrete & von Hildebrand, unpublished
Cordillera Central 3370 m a.s.l.	Colombia	Litterfall and nutrient fluxes in two montane tropical rain forests, Colombia	Veneklaas (1991)
Guacharos	Colombia	Patrones de productividad de Fruits y dispersión de semillas en diferentes bosques de Colombia, y su relación con la biomasa de primates	Bautista 2019, Penagos 2018
Medina Alto	Colombia	Densidad de primates diurnos en un gradiente altitudinal del pie de monte de la cordillera oriental: efectos de la productividad de Fruits, la temperatura y la fertilidad del suelo	Pinel et al. 2018
Medina Bajo	Colombia	Densidad de primates diurnos en un gradiente altitudinal del pie de monte de la cordillera oriental: efectos de la productividad de Fruits, la temperatura y la fertilidad del suelo	Pinel et al. 2018
Medina Medio	Colombia	Densidad de primates diurnos en un gradiente altitudinal del pie de monte de la cordillera oriental: efectos de la productividad de Fruits, la temperatura y la fertilidad del suelo	Pinel et al. 2018
Zafire flooded	Colombia	Above-and below-ground net primary productivity across ten Amazonian forests on contrasting soils	Navarrete 2008
Zafire TF	Colombia	Above-and below-ground net primary productivity across ten Amazonian forests on contrasting soils	Navarrete 2008
Zafire varrilal	Colombia	Above-and below-ground net primary productivity across ten Amazonian forests on contrasting soils	Navarrete 2008
Sierra de Gata (San Martin de Trevejo)	Spain	Nutrient cycling in deciduous forest ecosystems of the Sierra de Gata mountains: nutrient supplies to the soil through both litter and throughfall	Gallardo et al. 1998
Sierra de Gata (Villasrubias)	Spain	Nutrient cycling in deciduous forest ecosystems of the Sierra de Gata mountains: aboveground litter production and potential nutrient return	Gallardo et al. 1998
Ille-et-Vilaine	Francia	Litter production in an Atlantic beech (<i>Fagus sylvatica</i> L.) time sequence	Lebret et al. 2001
Mabura Hill Mix	French Guyana	Composition and diversity of the rain forest in Central Guyana	Thomas 2000
Mabura Hill PZ	French Guyana	Composition and diversity of the rain forest in Central Guyana	Thomas 1999

Piste de Saint Elie	French Guyana	- Phytomasse et productivité en forêt guyanaise. Bois et Forêts des Tropiques	Puig et al. (1990)
Grand Cul-de-sac Marin	Guadelupe (France)	Phenology and production of litter in a <i>Pterocarpus officinalis</i> (Jacq.) swamp forest of Guadeloupe (Lesser Antilles)	Migeot & Imbert 2012
Sierra de Chama	Guatemala	Litter fall in a Guatemalan primary forest, with details of leaf-shedding by some common tree species	Kunkel & Kunkel 1979
Demerara_Mix	Guyana	A phytosociological survey of the intermediate savannas of Guyana.	Cooper 1982
Mt.Pangrango, Java	Indonesia	Forest Ecological Studies of the Montane Forest of Mt. Pangrango, West Java III. Litter Fall of the Tropical Montane Forest near Cibodas	Yamada 1976
Pasirmayang, Jambi	Indonesia	Litter Fall in A Primary and Two Logged-over Lowland Tropical Rainforests in Pasirmayang, Jambi.	Wasrin & Putera 1999
Nadapal	Kenia	Dynamics of <i>Acacia tortilis</i> litter in the Turkwel River floodplain woodlands, Kenya	Haro & Oba 1993
Centla Wetland	Mexico	Mangrove Productivity and Phenology in Relation to Hydroperiod and Physical–Chemistry Properties of Water and Sediment in Biosphere Reserve, Centla Wetland, Mexico	Torres et al. 2018
Golfo de Mexico Swa	Mexico	Litterfall of tropical forested wetlands of Veracruz in the coastal floodplains of the Gulf of Mexico	Infante-Mata et al. 2012
Laguna Mecoacan	Mexico	Production and biomass of mangrove roots in relation to hydroperiod and physico-chemical properties of sediment and water in the Mecoacan Lagoon, Gulf of Mexico	Torres et al. 2017
Los Tuxtlas	Mexico	-	Sanchez & Sanchez 1995
Los Tuxtlas-Secundario	Mexico	-	Sanchez & Sanchez 1995
Ocotal Chico	Mexico	Producción de hojarasca y materia orgánica en agroecosistemas cafetaleros marginales de Ocotal Chico, Veracruz, Mexico	Bello & Moreno 2010
Ocotal Chico	Mexico	Producción de hojarasca y materia orgánica en agroecosistemas cafetaleros marginales de Ocotal Chico, Veracruz, Mexico	Bello & Moreno 2010
San Jose de Alamito	Mexico	Producción de hojarasca y retorno de nutrientes vía foliar en un matorral desértico micrófilo en el noreste de Mexico	Gonzalez-Rodriguez et al. 2013
Ile-Ife	Nigeria	Litter fall and nutrient dynamics in a Nigerian rain forest seven years after a ground fire	Muoghalu et al. 1993
Rangaunu Harbour	New Zeland	Spatial variation in litter production by the mangrove <i>Avicennia marina</i> var. <i>australasica</i> in Rangaunu harbour, Northland, New Zealand	May, 1999
BCI	Panama	Energy flow through litter in a Panamanian forest	Haines & Foster 1977, Detto et al. 2018
PoachersTot	Panama	Tropical forest ecology: a view from Barro Colorado Island	Leigh (1999)
Allpahuayo A	Peru	The seasonal cycle of productivity, metabolism, and carbon dynamics in a wet aseasonal forest in north-west Amazonia (Iquitos, Peru)	de Aguila et al. 2014

Allpahuayo C	Peru	The seasonal cycle of productivity, metabolism, and carbon dynamics in a wet aseasonal forest in north-west Amazonia (Iquitos, Peru)	de Aguila et al. 2014
Esperanza	Peru	Productivity and carbon allocation in a tropical montane cloud forest in the Peruvian Andes	Girardin et al. 2014
Río Ucayali	Peru	Sistemas de producción en zonas inundables de la cuenca del río Ucayali	Nebel et al. (2001)
San Pedro	Peru	Productivity and carbon allocation in a tropical montane cloud forest in the Peruvian Andes	Girardin et al. 2014
Tambopata	Peru	Seasonality of above-ground net primary productivity along an Andean altitudinal transect in Peru	Girardin et al. 2014
Tono	Peru	Seasonality of above-ground net primary productivity along an Andean altitudinal transect in Peru	Girardin et al. 2014
Trocha Union 4	Peru	Seasonality of above-ground net primary productivity along an Andean altitudinal transect in Peru	Girardin et al. 2014
Wayqecha	Peru	Seasonality of above-ground net primary productivity along an Andean altitudinal transect in Peru	Girardin et al. 2014
Luquillo-Cyrilla	Puerto Rico	Fruit fall in the Luquillo experimental forest, Puerto Rico	Lugo & Frangi 1993, Weaver 1987
Luquillo-Flood plain	Puerto Rico	Patterns of litter production across a salinity gradient in a <i>Pterocarpus officinalis</i> tropical wetland	Eusse & Aide 1999
Luquillo-Prestoea	Puerto Rico	Fruit fall in the Luquillo experimental forest, Puerto Rico	Lugo & Frangi 1993
Rio Cocal	Puerto Rico	Patterns of litter production across a salinity gradient in a <i>Pterocarpus officinalis</i> tropical wetland	Eusse & Aide 1999
Rio Cocal-LowSalt	Puerto Rico	Patterns of litter production across a salinity gradient in a <i>Pterocarpus officinalis</i> tropical wetland	Eusse & Aide 1999
Mana Pools National Park	Zimbabwe	Litterfall, nutrient-fall and production in an <i>Acacia albida</i> woodland in Zimbabwe	Dunham, 1989