



Supplement

The following supplementary materials are available for this article: Ku, C.-C., G.-Z.M. Song, K.-J. Chao, W.-C. Chao. 2021. Species-habitat associations of tree species under the northeast monsoon wind-affected tropical forest at Lanjenchi Forest Dynamics Plot, Taiwan. *Taiwania* 66(1): 39-47. Doi: [10.6165/tai.2021.66.39](https://doi.org/10.6165/tai.2021.66.39)

Table: Species-habitat association table (++) ($p > 0.99$) and + ($P > 0.95$) indicate positive relationships; -- ($p < 0.01$) and - ($P < 0.05$) indicate negative relationships). The list of the species is ordered by the stem density of each distribution type and the botanical nomenclature followed Flora of Taiwan, 2nd edition.

Family	species	Stem density	windward	intermediate	Leeward	Distribution type
Illiciaceae	<i>Illicium arborescens</i> Hayata	1086	++		--	Windward species
Celastraceae	<i>Microtropis japonica</i> (Franch. & Sav.) Hallier f.	248	++		--	Windward species
Theaceae	<i>Eurya nitida</i> var. <i>nanjenshanensis</i> C.F. Hsieh, L.K. Ling & S.Z. Yang	158	++		--	Windward species
Podocarpaceae	<i>Podocarpus macrophyllus</i> (Thunb.) Sweet	97	++		--	Windward species
Theaceae	<i>Schima superba</i> Gard. & Champ. var. <i>kankaoensis</i> (Hayata) Keng	97	++		-	Windward species
Theaceae	<i>Gordonia axillaris</i> Endl.	84	++		--	Windward species
Fagaceae	<i>Quercus championii</i> Benth.	58	++		--	Windward species
Lauraceae	<i>Machilus obovatifolia</i> (Hayata) Kaneh. & Sasaki	51	++		--	Windward species
Myrsinaceae	<i>Myrsine seguinii</i> H. Lev.	39	++		--	Windward species
Theaceae	<i>Ternstroemia gymnanthera</i> (Wight & Arn.) Sprague	37	++		--	Windward species
Oleaceae	<i>Osmanthus marginatus</i> (Champ. ex Benth.) Hemsl.	183	+		--	Windward species
Myrtaceae	<i>Syzygium buxifolium</i> Hook. & Arn.	125	+		--	Windward species
Aquifoliaceae	<i>Ilex lonicerifolia</i> var. <i>matsudae</i> Yamamoto	112	+		--	Windward species
Fagaceae	<i>Lithocarpus amygdalifolius</i> (Skan) Hayata	91	+		--	Windward species
Rubiaceae	<i>Tarenna gracilipes</i> (Hayata) Ohwi	70	+		--	Windward species
Lauraceae	<i>Neolitsea buisanensis</i> Yamam. & Kamik.	66	+		--	Windward species
Podocarpaceae	<i>Nageia nagi</i> (Thunb.) Kuntze	61	+		--	Windward species
Symplocaceae	<i>Symplocos shilanensis</i> Y.C. Liu & F.Y. Lu	55	+		-	Windward species
Aquifoliaceae	<i>Ilex maximowicziana</i> Loes.	41	+		--	Windward species
Rosaceae	<i>Rhaphiolepis indica</i> var. <i>hiiranensis</i> (Kaneh.) H.L. Li	29	+			Windward species
Theaceae	<i>Camellia hengchunensis</i> C.E. Chang	22	+		--	Windward species
Fagaceae	<i>Lithocarpus formosanus</i> (Skan) Hayata	15	+			Windward species
Euphorbiaceae	<i>Antidesma hiiranense</i> Hayata	309			-	Mid-windward species
Myrsinaceae	<i>Ardisia cornudentata</i> Mez	110			--	Mid-windward species
Guttiferae	<i>Garcinia multiflora</i> Champ. ex Benth.	83			--	Mid-windward species
Lauraceae	<i>Cinnamomum brevipedunculatum</i> C.E. Chang	42			--	Mid-windward species
Aquifoliaceae	<i>Ilex uraiensis</i> Mori & Yamamoto	414		++	--	Intermediate species
Fagaceae	<i>Castanopsis cuspidata</i> var. <i>carlesii</i> (Hemsl.) T. Yamaz.	299		++	--	Intermediate species
Lauraceae	<i>Litsea acutivena</i> Hayata	247	--	++		Intermediate species
Lauraceae	<i>Beilschmiedia tsangii</i> Merr.	156	-	+		Intermediate species
Lauraceae	<i>Neolitsea hiiranensis</i> T.S. Liu & J.C. Liao	139	-	++		Intermediate species
Lauraceae	<i>Beilschmiedia erythrophloia</i> Hayata	130		++		Intermediate species
Daphniphyllaceae	<i>Daphniphyllum glaucescens</i> subsp. <i>oldhamii</i> T.C. Huang	123	-	++		Intermediate species
Fagaceae	<i>Quercus pachyloma</i> Seemen	62	-	++		Intermediate species
Myrtaceae	<i>Decaspermum gracilentum</i> (Hance) Merr. & L.M. Perry	40		++	--	Intermediate species
Fagaceae	<i>Lithocarpus brevicaudatus</i> (Skan) Hayata	37	--	+		Intermediate species
Rubiaceae	<i>Lasianthus cyanocarpus</i> Jack	36	--	+		Intermediate species
Aquifoliaceae	<i>Ilex cochinchinensis</i> (Lour.) Loes.	670		+		Intermediate species
Rubiaceae	<i>Tricalysia dubia</i> (Lindl.) Ohwi	158		+	--	Intermediate species



Magnoliaceae	<i>Magnolia kachirachirai</i> (Kaneh. & Yamam.) Dandy	81		+	--	Intermediate species
Magnoliaceae	<i>Michelia compressa</i> (Maxim.) Sarg.	49		+		Intermediate species
Celastraceae	<i>Euonymus tashiroi</i> Maxim.	41		+		Intermediate species
Rubiaceae	<i>Psychotria rubra</i> (Lour.) Poir.	777	--			Mid-Leeward species
Lauraceae	<i>Machilus thunbergii</i> Siebold & Zucc.	115	-			Mid-Leeward species
Verbenaceae	<i>Clerodendrum cyrtophyllum</i> Turcz.	79	--			Mid-Leeward species
Rosaceae	<i>Prunus phaeosticta</i> (Hance) Maxim.	55	--			Mid-Leeward species
Juglandaceae	<i>Engelhardia roxburghiana</i> Wall.	47	-			Mid-Leeward species
Fagaceae	<i>Castanopsis faberi</i> Hance	45	--			Mid-Leeward species
Euphorbiaceae	<i>Glochidion zeylanicum</i> (Gaertn.) A. Juss.	40	--			Mid-Leeward species
Lauraceae	<i>Machilus zuihoensis</i> Hayata	26	-			Mid-Leeward species
Euphorbiaceae	<i>Mallotus paniculatus</i> (Lam.) Mull. Arg.	25	-			Mid-Leeward species
Elaeocarpaceae	<i>Sloanea formosana</i> H.L. Li	23	--			Mid-Leeward species
Theaceae	<i>Eurya chinensis</i> R. Br.	19	-			Mid-Leeward species
Proteaceae	<i>Helicia formosana</i> Hemsl.	129	-	-	++	Leeward species
Leguminosae	<i>Archidendron lucidum</i> (Benth.) I.C. Nielsen	80	-	-	++	Leeward species
Moraceae	<i>Ficus fistulosa</i> Reinw. ex Blume	43	-		++	Leeward species
Rubiaceae	<i>Wendlandia formosana</i> Cowan	36	-		++	Leeward species
Melastomataceae	<i>Astronia formosana</i> Kaneh.	30		-	++	Leeward species
Rutaceae	<i>Melicope semecarpifolia</i> (Merr.) T.G. Hartley	24	--		++	Leeward species
Actinidiaceae	<i>Saurauia tristyla</i> var. <i>oldhamii</i> (Hemsl.) Finet & Gagnep.	18	--		++	Leeward species
Myrsinaceae	<i>Ardisia quinquegona</i> Blume	213	--		+	Leeward species
Araliaceae	<i>Schefflera octophylla</i> (Lour.) Harms	154	--		+	Leeward species
Euphorbiaceae	<i>Bridelia balansae</i> Tutcher	24	--		+	Leeward species
Lauraceae	<i>Cryptocarya chinensis</i> (Hance) Hemsl.	16	-		+	Leeward species
Rubiaceae	<i>Lasianthus obliquinervis</i> Merr.	15	-		+	Leeward species
Melastomataceae	<i>Melastoma candidum</i> D. Don	521				General species
Fagaceae	<i>Quercus longinux</i> Hayata	154				General species
Ebenaceae	<i>Diospyros eriantha</i> Champ. ex Benth.	96				General species
Myrtaceae	<i>Syzygium kusukusense</i> (Hayata) Mori	84				General species
Myrtaceae	<i>Syzygium euphlebiium</i> (Hayata) Mori	82				General species
Elaeocarpaceae	<i>Elaeocarpus sylvestris</i> (Lour.) Poir.	78				General species
Theaceae	<i>Adinandra formosana</i> Hayata	62				General species
Myrsinaceae	<i>Ardisia sieboldii</i> Miq.	47				General species
Symplocaceae	<i>Symplocos congesta</i> Benth.	25				General species
Euphorbiaceae	<i>Glochidion rubrum</i> Blume	21				General species
Symplocaceae	<i>Symplocos theophrastifolia</i> Siebold & Zucc.	12				General species
Moraceae	<i>Ficus benamina</i> L.	10				General species
Aquifoliaceae	<i>Ilex rotunda</i> Thunb.	10				General species