



## Supplement

The following supplementary materials are available for this article: Cobias, I.D.R., Delima, A.G.D., Silvosa-Millado, C.S., Achondo, M.J.M.M., Cabrera, S.M.E., Ollamina, S.M.M.R., Pototan, B.L., Gamalo, L.E.D., Raganas, A.F.M. 2026 Comparison of tree community structure in lower and upper montane forests of Mount Kampalili, Davao de Oro, Philippines. *Taiwania* 71(2): 335-349. doi: 10.6165/ta.2026.71.335

**Table S1.** Tree species recorded in the lower (LMF) and upper (UMF) montane forests of Mt. Kampalili, Davao de Oro, Philippines.

Family	Species Name	Vernacular name	Classification	Geographical Extent	Conservation Status		LMF	UMF
					IUCN (2025-2)	DENR (DAO 2017-11)		
Achariaceae	<i>Pangium edule</i> Blume ex Reinw.	pangi	native	Southeast Asia-Pacific	LC	OWS	✓	
Actinidiaceae	<i>Saurauia copelandii</i> Elmer	balingog	endemic	Philippines	VU	OWS	✓	
Anacardiaceae	<i>Buchanania arborescens</i> (Blume) Blume	balanghasai	native	Indo-Pacific	LC	OWS		✓
	<i>Dracontomelon dao</i> (Blanco) Merr. & Rolfe	dao	native	Southeast Asia, Pacific Islands	LC	VU		✓
	<i>Dracontomelon edule</i> (Blanco) Skeels	lamio	native	Indo-Malayan region	NE	OWS	✓	✓
	<i>Koordersiodendron pinnatum</i> (Blanco) Merr.	amugis	native	Southeast Asia-Pacific	NE	OTS		✓
	<i>Semecarpus</i> sp.						✓	
Annonaceae	<i>Uvaria rufa</i> (Dunal) Blume	susong kalabaw	native	Indochina, Southeast Asia	NE	OWS	✓	
Apocynaceae	<i>Alstonia</i> sp.							✓
Araliaceae	<i>Heptapleurum actinophyllum</i> (Endl.) Lowry & G.M.Plunkett	octopus tree/umbrella tree	introduced	Oceania	LC	OWS	✓	
	<i>Heptapleurum</i> sp.							✓
Araucariaceae	<i>Agathis philippinensis</i> Warb.	almaciga	native	Moluccas, Philippines, Sulawesi	NE	VU		✓
Brownlowiaceae	<i>Diplodiscus paniculatus</i> Turcz	balai-lamok	native	Indo-Pacific	LC	OWS		✓
Burseraceae	<i>Canarium asperum</i> Benth.	pagsahingin	native	Indo-Pacific	LC	OWS	✓	
	<i>Canarium luzonicum</i> (Blume) A. Gray	piling-liitan	native	Philippines, Pacific Islands	NT	OTS	✓	✓
	<i>Canarium ovatum</i> Engl.	pili	endemic	Philippines	LC	OTS	✓	✓
	<i>Calophyllum blancoi</i> Planch. & Triana	bitanghol	native	Southeast Asia	LC	OWS	✓	✓
Cannabaceae	<i>Celtis luzonica</i> Warb.	magabuyo	native	Philippines, Taiwan	LC	OWS	✓	✓
	<i>Trema orientale</i> (L.) Blume	anabiong/andrarezina	native	Widespread	LC	OWS	✓	
Casuarinaceae	<i>Gymnostoma rumphianum</i> (Miq.) L.A.S.Johnson	agoho/agoho del monte	native	Southeast Asia, Pacific Islands	LC	OTS	✓	
Clethraceae	<i>Clethra tomentella</i> Rolfe ex Dunn	ayusan/umog	native	Southeast Asia	VU	OWS		✓
Chloranthaceae	<i>Ascarina philippinensis</i> C.B.Rob.	ascarina	native	Southeast Asia	LC	OWS		✓
Clusiaceae	<i>Garcinia binucao</i> (Blanco) Choisy	binukao	endemic	Philippines	LC	OWS		✓
	<i>Garcinia</i> sp.						✓	
Combretaceae	<i>Terminalia nitens</i> C. Presl	sakat/sparrow's mango	native	Philippines, Ryukyu Isls	LC	OWS		✓
Cordiaceae	<i>Cordia dichotoma</i> G. Forst.	anonang	native	Southeast Asia	LC	OWS	✓	
Dilleniaceae	<i>Dillenia philippinensis</i> Rolfe	katmon	endemic	Philippines	NT	OWS	✓	
Dipterocarpaceae	<i>Dipterocarp</i> sp. 1						✓	
	<i>Shorea astylosa</i> Foxw.	yakal	endemic	Philippines	EN	CR		✓
	<i>Pentacme contorta</i> (S. Vidal) Merr. & Rolfe	white lauan	endemic	Philippines	LC	VU	✓	
	<i>Rubroshorea polysperma</i> (Blanco) P.S. Ashton & J.Heck.	tanguile	endemic	Philippines	LC	VU		✓
Ebenaceae	<i>Diospyros</i> sp.							✓
Elaeocarpaceae	<i>Elaeocarpus</i> sp.						✓	✓
Euphorbiaceae	<i>Aleurites moluccana</i> L. Willd.	lumbang/candlenut tree	native	Indo-Pacific	LC	OWS		✓



	<i>Homalanthus macradenius</i> Pax & K.Hoffm.	balanti	endemic	Philippines	LC	OWS		✓
	<i>Homalanthus populneus</i> (Geiseler) Kuntze	balanti	native	Southeast Asia	LC	OWS	✓	✓
	<i>Homalanthus</i> sp.							✓
	<i>Macaranga grandifolia</i> (Blanco) Merr	takip-asin/bingabing/abing-abing	native	Philippines, Sulawesi	LC	OWS		✓
	<i>Macaranga</i> sp.	makarangga						✓
	<i>Macaranga tanarius</i> (L.) Müll. Arg.	binunga	native	Southeast Asia, Pacific Islands	LC	OWS	✓	
	<i>Mallotus cumingii</i> Müll.Arg.	apanang	native	Philippines, Sulawesi	LC	OWS	✓	
	<i>Mallotus philippensis</i> (Lam.) Müll. Arg.	banato	native	Widespread	LC	OWS		✓
	<i>Mallotus</i> sp.						✓	
Fagaceae	<i>Lithocarpus caudatifolius</i> (Merr.) Rehder	ulayan	native	Borneo, Philippines	LC	OWS	✓	✓
	<i>Lithocarpus</i> sp.							✓
Gentianaceae	<i>Utania philippinensis</i> (K.M.Wong & Sugau)	Philippine Utania	native	Philippines, Borneo	LC	OWS		✓
Hydrangeaceae	<i>Hydrangea</i> sp.						✓	
Lauraceae	<i>Actinodaphne ramosii</i> Brambach & Pelsler		endemic	Philippines	NE	OWS		✓
	<i>Cinnamomum mercadoi</i> S.Vidal	kalingag	endemic	Philippines	LC	OTS	✓	✓
	Lauraceae 1						✓	
	<i>Litsea glutinosa</i> (Lour.) C.B.Rob.	sablot	native	Australasia	LC	OWS	✓	
	<i>Litsea philippinensis</i> Merr.	bakan	endemic	Philippines	NT	OWS	✓	
	<i>Phoebe glabrifolia</i> Merr.	kaburo	endemic	Philippines	EN	OWS		✓
Magnoliaceae	<i>Magnolia pubescens</i> (Merr.) Figlar & Noot.	hangilo	endemic	Philippines	EN	OWS	✓	
Malvaceae	<i>Pterocymbium tinctorium</i> (Blanco) Merr.	taluto	native	Southeast Asia	LC	OWS	✓	✓
Melastomataceae	<i>Astronia cumingiana</i> var. <i>bicolor</i> (Merr.) J.F.Maxwell	dungao puti	endemic	Philippines	LC	OWS	✓	
	<i>Astronia williamsii</i> Merr. ex C.B.Rob.	dungao	endemic	Philippines	LC	OWS		✓
Meliaceae	<i>Aglaia iloilo</i> (Blanco) Merr.	llo-ilo	native	Southeast Asia	LC	OWS	✓	
	<i>Aglaia rimosa</i> (Blanco) Merr.	bayanti	native	Indo-Pacific	LC	OTS	✓	
	<i>Chisocheton pentandrus</i> (Blanco) Merr.	katung-matsing/lis-lisi	native	Southeast Asia	LC	OWS	✓	
	<i>Melia azedarach</i> L.	bagalunga	native	Widespread	LC	OWS	✓	✓
	<i>Melia dubia</i> Cav.	bagalnga	native	South-Southeast Asia	NE	OWS		✓
	<i>Toona calantas</i> Merr. & Rolfe	kalantas	native	Malesia	DD	VU	✓	✓
Moraceae	<i>Artocarpus heterophyllus</i> Lam.	langka	native	Widespread	NE	OWS	✓	
	<i>Artocarpus ovatus</i> Blanco	anubing	endemic	Philippines	NE	OWS	✓	
	<i>Ficus microcarpa</i> L.f.	banyan	native	East-Southeast Asia, Pacific	LC	OWS		✓
	<i>Ficus minahassae</i> (de Vriese & Teijsm.) Miq.	hagimit	native	Southeast Asia	LC	OWS	✓	✓
	<i>Ficus nota</i> (Blanco) Merr.	tibig	native	Philippines, Borneo	LC	OWS	✓	
	<i>Ficus septica</i> Burm.f.	hauli	native	Asia-Pacific region	LC	OWS	✓	✓
	<i>Ficus</i> sp.						✓	
Myristicaceae	<i>Myristica philippensis</i> Lam.	duguan	endemic	Philippines	LC	OTS	✓	✓
Myrtaceae	<i>Leptospermum flavescens</i> Sm.	tinikaran	native	Widespread	NE	OWS		✓
	<i>Syzygium polyanthum</i> (Wight) Walp.	saguimsim	native	Southeast Asia	NE	OWS		✓
	<i>Syzygium samarangense</i> (Blume) Merr. & L.M.Perry	macopa	native	Southeast Asia-Pacific	LC	OWS	✓	
	<i>Syzygium simile</i> (Merr.) Merr.	panglomboein	native	Philippines, Taiwan	NT	OWS		✓
	<i>Syzygium</i> sp.						✓	
	<i>Tristaniaopsis decorticata</i> (Merr.) Peter G.Wilson & J.T.Waterh.	malabayabas	endemic	Philippines	LC	VU	✓	



	<i>Tristaniopsis</i> sp.						✓		
	<i>Xanthostemon bracteatus</i> Merr.	mapilig	endemic	Philippines	VU	CR	✓	✓	
Phyllanthaceae	<i>Bischofia javanica</i> Blume	tuai	native	Indo-Pacific	LC	OWS	✓	✓	
Podocarpaceae	<i>Dacrycarpus imbricatus</i> (Blume) de Laub.	igem	native	China, Southeast Asia	LC	OTS	✓	✓	
Rhizophoraceae	<i>Carallia brachiata</i> (Lour.) Merr.	bakawan gubat	native	Widespread	LC	OTS		✓	
Rubiaceae	<i>Neonauclea</i> sp.							✓	
Rutaceae	<i>Melicope triphylla</i> (Lam.) Merr.	matang araw	native	Indo-Pacific	LC	OWS	✓	✓	
	<i>Micromelum minutum</i> (G.Forst.) Wight & Arn.	tulibas tilos	native	Asia-Pacific region	LC	OWS		✓	
	<i>Murraya paniculata</i> (L.) Jack	kamuning	native	East-Southeast Asia	NE	OWS	✓		
	<i>Prunus grisea</i> (Blume ex Müll.Berol.) Kalkman	lago	native	Southeast Asia	LC	OWS		✓	
Sapindaceae	<i>Acer laurinum</i> Hassk.	Philippine acer/maple	native	Southeast Asia	LC	OWS	✓	✓	
	<i>Allophylus cobbe</i> (L.) Raeusch.	malugai	native	Widespread	LC	OWS	✓	✓	
	<i>Nephelium ramboutan-ake</i> (Labill.) Leenh.	pulasan	native	Indo-Southeast Asia	LC	VU	✓		
Sapotaceae	<i>Madhuca betis</i> (Blanco) J.F.Macbr.	betis	native	Wallacea	LC	EN	✓		
	<i>Palaquium foxworthyi</i> Merr.	tagotoi	endemic	Philippines	NT	OWS	✓	✓	
	<i>Palaquium luzoniense</i> (Fern.-Vill.) S.Vidal	nato	endemic	Philippines	LC	VU	✓	✓	
	<i>Palaquium philippense</i> (Perr.) C.B.Rob.	malak-malak	endemic	Philippines	LC	VU	✓	✓	
	<i>Planchonella duclitan</i> (Blanco) Bakh.f.	duklitan	native	Southeast Asia	LC	OWS		✓	
Urticaceae	<i>Dendrocide luzonensis</i> var. <i>luzonensis</i> (Wedd.) Chew	lipa	endemic	Philippines	NT	OWS	✓	✓	
	<i>Dendrocide meyeniana</i> (Walp.) Chew	alingatong/lipang kalabaw	native	Philippines, Taiwan	LC	OWS		✓	
	<i>Dendrocide subclausa</i> (Walp.) Chew	lipang morado	endemic	Philippines	VU	OWS	✓		
	<i>Laportea interrupta</i> (L.) Chew	lipang-aso	native	Widespread	NE	OWS		✓	
	<i>Pipturus arborescens</i> C.B.Rob.	dalunot	native	Southeast Asia	LC	OWS	✓	✓	
Vitaceae	<i>Leea aculeata</i> Blume ex Spreng.	amamali	native	Southeast Asia-Pacific	LC	OWS	✓		
Total number of species unique to each forest type								38	37
Total number of species (and abundance) in each forest type								64	63
Total number of species in the LMF and UMF								(706)	(885)
								101	

**Note:** IUCN= The International Union for Conservation of Nature; DENR DAO= Department of Environment and Natural Resources Department Administrative Order. NE: Not Evaluated; DD: Data Deficient; LC: Least Concern; NT: Near Threatened; OWS: Other Wildlife Species; OTS: Other Threatened Species; VU: Vulnerable; EN: Endangered; CR: Critically Endangered; LMF: lower montane; UMF: upper montane; ✓ indicates presence.