

桂旭君, 练琚愉, 张入匀, 李艳朋, 沈浩, 倪云龙, 叶万辉. 鼎湖山南亚热带常绿阔叶林群落垂直结构及其物种多样性特征. 生物多样性, 2019, 27 (6): 619–629.

<http://www.biodiversity-science.net/CN/10.17520/biods.2019107>

附录2 鼎湖山塔吊样地灌木层与其他各林层及相邻林层间物种组成比较。S: 灌木层; SC: 亚冠层; LC: 林冠下层; MC: 林冠中层; UC: 林冠上层; vs: 两林层进行对比; g: 两林层共有种; sp: 前一个林层的特有种; sp*: 后一个林层的特有种; r: 数量较少无法分类的种。如S vs SC sp和S vs SC sp*分别表示灌木层和亚冠层物种比较时, 灌木层的特有种和亚冠层的特有种。

Appendix 2 Comparison of species component between shrub and other layers as well as among neighbouring layers in pair in the crane plot of Dinghushan. S, Shrub; SC, Sub-canopy; LC, Lower canopy; MC, Middle canopy; UC, Upper canopy; g, generalist of two layers; sp, specialist of the first layer; sp*: specialist of the second layer; r, too rare to clarify of two layers For example, S vs SC sp and S vs SC sp* represent specialist of Shrub and specialist of Sub canopy respectively, when Shrub compare with Sub canopy.

物种 Species	S	SC	LC	MC	UC	分类结果 Classification results
白背算盘子 <i>Glochidion wrightii</i>	5	1				S vs SC r, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
白车 <i>Syzygium levinei</i>	14	6	4	2		SC vs LC r, LC vs MC r, MC vs UC r, S vs LC g, S vs MC r, S vs UC r
白果香楠 <i>Alleizettella leucocarpa</i>	6	2				S vs SC r, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
白楸 <i>Mallotus paniculatus</i>	28	55	30	13	2	SC vs LC g, LC vs MC g, MC vs UC sp, S vs LC sp, S vs MC r
白颜树 <i>Girromiera subaequalis</i>	3					S vs SC r, S vs LC r, S vs MC r, S vs UC r
柏拉木 <i>Blastus cochinchinensis</i>	24	7				S vs SC g, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
变叶榕 <i>Ficus variolosa</i>	10	3				S vs SC r, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
布渣叶 <i>Microcos paniculata</i>	10	2	14	1		S vs SC r, LC vs MC r, MC vs UC r, S vs LC g, S vs MC r, S vs UC r
糙叶木 <i>Leucas mollissima</i>	1					S vs SC r
豺皮樟 <i>Litsea rotundifolia</i>	2					S vs SC r, S vs LC r, S vs MC r, S vs UC r
粗叶榕 <i>Ficus hirta</i>		1				S vs SC r, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
鼎湖钓樟 <i>Lindera chunii</i>	5	8	1			S vs SC g, SC vs LC r, LC vs MC r, S vs LC r, S vs MC r, S vs UC r
鼎湖血桐 <i>Macaranga sampsoni</i>	1					S vs SC r, S vs LC r, S vs MC r, S vs UC r
短序润楠 <i>Machilus breviflora</i>	10	8	16	14	17	S vs SC g, SC vs LC g, LC vs MC g, MC vs UC g, S vs LC g, S vs MC sp, S vs UC sp*
对叶榕 <i>Ficus hispida</i>	1	2	2			S vs SC r, SC vs LC r, LC vs MC r, S vs LC r, S vs MC r, S vs UC r
枫香 <i>Liquidambar formosana</i>					1	MC vs UC r, S vs MC r
橄榄 <i>Canarium album</i>	105	48	10	7	8	S vs SC g, SC vs LC g, LC vs MC g, MC vs UC g, S vs LC g, S vs MC g, S vs UC g
观光木 <i>Tsoongiodendron odorum</i>			2	1		LC vs MC r, MC vs UC r, S vs UC r
光叶山黄皮 <i>Aidia canthioides</i>	33	16	2			S vs SC g, SC vs LC g, LC vs MC r, S vs LC g, S vs MC r, S vs UC r
广东润楠 <i>Machilus kwangtungensis</i>	1	2	2		1	S vs SC r, SC vs LC r, LC vs MC r, MC vs UC r, S vs LC r, S vs MC r, S vs UC r
鬼灯笼 <i>Clerodendrum fortunatum</i>	1					S vs SC r, S vs LC r, S vs MC r, S vs UC r
海红豆 <i>Adenanthera pavonina</i>	1					S vs SC r, S vs LC r, S vs MC r, S vs UC r
号角树 <i>Cecropia peltata</i>			1			SC vs LC r, LC vs MC r
荷木 <i>Schima superba</i>	13	28	54	101	111	S vs SC g, SC vs LCsp, LC vs MC sp*, MC vs UC g, S vs LC sp*, S vs UC sp*, S vs MC sp*
褐叶柄果木 <i>Mischocarpus pentapetalus</i>	1		1			S vs SC r, SC vs LC r, LC vs MC r, S vs LC r, S vs MC r, S vs UC r
黑叶谷木 <i>Memecylon nigrescens</i>	3	3				S vs SC r, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
红背山麻杆 <i>Alchornea trewioides</i>	3					S vs SC r, S vs LC r, S vs MC r, S vs UC r
红车 <i>Syzygium rehderianum</i>	26	13	5	2		SC vs LC g, LC vs MC r, MC vs UC r, S vs LC g, S vs UC r
红豆杉 <i>Taxus chinensis</i>		2				S vs SC r, SC vs LC r
红鳞蒲桃 <i>Syzygium hancei</i>	1					S vs SC r, S vs LC r, S vs MC r, S vs UC r

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物种 Species	S	SC	LC	MC	UC	分类结果 Classification results
红皮紫荆 <i>Craibiodendron kwangtungense</i>	4	1	3			S vs SC r, SC vs LC r, LC vs MC r, S vs LC r, S vs MC r, S vs UC r
猴耳环 <i>Archidendron clypearia</i>	3	4	1			S vs SC r, SC vs LC r, LC vs MC r, S vs LC r, S vs MC r, S vs UC r
厚壳桂 <i>Cryptocarya chinensis</i>	28	21	3	6	2	SC vs LC g, LC vs MC r, MC vs UC r, S vs LC g, S vs MC r
华润楠 <i>Machilus chinensis</i>	20	2		2	1	SC vs LC sp, LC vs MC r, MC vs UC r, S vs LC r, S vs MC r, S vs UC r
黄果厚壳桂 <i>Cryptocarya concinna</i>	251	121	36			S vs SC g, SC vs LC g, LC vs MC sp, S vs LC g, S vs MC sp, S vs UC sp
黄花梨 <i>Dalbergia odorifera</i>			2			SC vs LC r, LC vs MC r
黄毛榕 <i>Ficus esquiroliana</i>	5	1				S vs LC r, S vs MC r, S vs UC r
黄牛木 <i>Cratoxylon coclunclunense</i>	12	2	1			S vs SC r, SC vs LC r, LC vs MC r, S vs LC r, S vs MC r, S vs UC r
黄杞 <i>Engelhardtia roxburghiana</i>	25	38	17	5	2	S vs SC g, SC vs LC g, LC vs MC g, MC vs UC r, S vs LC g, S vs MC r, S vs UC g
黄栀子 <i>Gardenia Jasminoides</i>	1					S vs SC r, S vs LC r, S vs MC r, S vs UC r
灰木莲 <i>Magnolia sumatrana</i>	1		1			S vs SC r, SC vs LC r, LC vs MC r, S vs LC r, S vs MC r, S vs UC r
火力楠 <i>Michelia macclurei</i>	1		2		1	S vs SC r, SC vs LC r, LC vs MC r, MC vs UC r, S vs LC r, S vs MC r, S vs UC r
鲫鱼胆 <i>Maesa perliaris</i>	3					S vs SC r, S vs LC r, S vs MC r, S vs UC r
假苹婆 <i>Sterculia lanceolata</i>	181	94	24	3		S vs SC g, SC vs LC g, LC vs MC g, MC vs UC r, S vs LC g, S vs MC sp, S vs UC sp
坚荚木 <i>Viburnum sempervirens</i>	1					S vs SC r
降真香 <i>Acronychia pedunculata</i>	2	3	3			SC vs LC r, LC vs MC r
金叶树 <i>Chrysophyllum lanceolatum</i> var. <i>stellatocarpon</i> van	1					S vs SC r, S vs LC r, S vs MC sp, S vs UC sp
九节 <i>Psychotria asistica</i>	183	6				S vs SC sp, SC vs LC r, S vs LC sp, S vs MC sp, S vs UC sp
苦丁茶 <i>Ligustrum robustum</i>	1	2				S vs SC r, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
筋党 <i>Zanthoxylum avicennae</i>		1				S vs SC r, SC vs LC r
鬃蒴锥 <i>Castanopsis fissa</i>	33	38	11			SC vs LC g, LC vs MC r, S vs LC g, S vs MC r, S vs UC r
荔枝 <i>Litchi chinensis</i>	3	1	2	2		S vs SC r, SC vs LC r, LC vs MC r, MC vs UC r, S vs LC r, S vs MC r, S vs UC r
亮叶猴耳环 <i>Archidendron lucidum</i>	1	1				S vs SC r, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
岭南杜鹃 <i>Rhododendron mariae</i>		1				S vs SC r, SC vs LC r
岭南山矾 <i>Symplocos confusa</i>			1			SC vs LC r, LC vs MC r
岭南山竹子 <i>Garcinia oblongifolia</i>	17					S vs SC sp, S vs LC r, S vs MC r, S vs UC r
龙船花 <i>Ixora chinensis</i>	14					S vs SC r, S vs LC r, S vs MC r, S vs UC r,
龙眼 <i>Dimocarpus longan</i>	1	3	2			S vs SC r, SC vs LC r, LC vs MC r, S vs LC r, S vs MC r, S vs UC r
罗浮柿 <i>Diospyros morrisiana</i>	7	2	2			S vs SC r, SC vs LC r, LC vs MC r, S vs LC r, S vs MC r, S vs UC r
罗伞树 <i>Ardisia quinquegona</i>	169	85	1			SC vs LC sp, LC vs MC r, S vs LC sp, S vs UC sp, S vs MC sp
马尾松 <i>Pinus massoniana</i>			1	14	34	SC vs LC r, LC vs MC sp*, MC vs UC sp*, S vs MC sp*, S vs UC sp*
毛冬青 <i>Ilex pubescens</i>	3					S vs SC r, S vs LC r, S vs MC r, S vs UC r,
毛果算盘子 <i>Glochidion eriocarpum</i>	1					S vs SC r, S vs LC r, S vs MC r, S vs UC r,
毛稔 <i>Melastoma sanguineum</i>	2	2				S vs SC r, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
毛叶嘉赐树 <i>Casearia villilimba</i>	3	2				S vs SC r, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
密花树 <i>Rapanea neriifolia</i>	1					S vs SC r, S vs LC r, S vs MC r, S vs UC r
闽粤石楠 <i>Photinia benthamiana</i>			1			SC vs LC r, LC vs MC r
牛矢果 <i>Osmanthus matsumuranus</i>	1	4	1			S vs SC r, SC vs LC r, LC vs MC r, S vs LC r, S vs MC r, S vs UC r
蒲桃 <i>Syzygium jambos</i>	54	45	27	4		S vs SC g, SC vs LC g, LC vs MC g, MC vs UC r, S vs LC g, S vs MC sp, S vs UC g

物种 Species	S	SC	LC	MC	UC	分类结果 Classification results
朴树 <i>Celtis sinensis</i>					2	MC vs UC r, S vs MC r
千年桐 <i>Vernicia montana</i>			1			SC vs LC r, LC vs MC r
人面子 <i>Dracontomelon duperreanum</i>		1	1	1		S vs SC r, SC vs LC r, LC vs MC r, MC vs UC r
绒楠 <i>Machilus velutina</i>	2	2	1			S vs SC r, SC vs LC r, LC vs MC r, S vs LC r, S vs MC r, S vs UC r
榕叶冬青 <i>Ilex ficoidea</i>		1				S vs SC r, SC vs LC r, S vs LC r, S vs UC r
肉桂 <i>Cinnamomum cassia</i>	4	2				S vs SC r, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
三叉苦 <i>Evodia lepta</i>	21	9				S vs SC g, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
三花冬青 <i>Ilex triflora</i>		1				S vs SC r, SC vs LC r
山钓樟 <i>Lindera metcalfiana</i>	1					S vs SC r, S vs LC r, S vs MC r, S vs UC r
山龙眼 <i>Helicia formosana</i>	1	1				S vs SC r, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
山麻黄 <i>Ephedra equisetina</i>		1				S vs SC r, SC vs LC r
山牡荆 <i>Vitex quinata</i>			2			SC vs LC r, LC vs MC r
山乌柏 <i>Sapium discolor</i>	1	1				S vs SC r, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
珊瑚树 <i>Viburnum odoratissimum</i>	1					S vs SC r, S vs LC r, S vs MC r, S vs UC r
石斑木 <i>Raphiolepis indica</i>			1			SC vs LC r, LC vs MC r
疏花卫矛 <i>Euonymus laxiflora</i>	3					S vs SC r, S vs LC r, S vs MC r, S vs UC r
鼠刺 <i>Itea chinensis</i>		2				S vs SC r, SC vs LC r
水东哥 <i>Saurauia tristyla</i>		1				S vs SC r, SC vs LC r
水锦树 <i>Wendlandia uvariifolia</i>		1				S vs SC r, SC vs LC r
水石梓 <i>Sarcosperma laurinum</i>	72	17	3	1		SC vs LC g, LC vs MC r, S vs LC sp, S vs MC sp, S vs UC sp
水同木 <i>Ficus fistulosa</i>	62	42	10			S vs SC g, SC vs LC g, LC vs MC r, S vs LC g, S vs MC sp, S vs UC sp
水翁 <i>Cleistocalyx operculatus</i>			2			SC vs LC r, LC vs MC r
算盘子 <i>Glochidion puberum</i>	1					S vs SC r, S vs LC r, S vs MC r, S vs UC r
糖胶树 <i>Alstonia scholaris</i>			1			SC vs LC r, LC vs MC r
铁冬青 <i>Ilex rotunda</i>		1				S vs SC r, SC vs LC r
凸脉榕 <i>Ficus nervosa</i>	1					S vs SC r, S vs LC r, S vs MC r, S vs UC r
土沉香 <i>Aquilaria sinensis</i>	12	2				S vs SC r, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
臀果木 <i>Pygeum topengii</i>	21	25	9	4	1	S vs SC g, SC vs LC g, LC vs MC r, MC vs UC r, S vs LC g, S vs MC r, S vs UC r
网脉山龙眼 <i>Helicia reticulata</i>		1				S vs SC r, SC vs LC r
乌材 <i>Diospyros eriantha</i>	10	1				S vs SC r, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
五月茶 <i>Antidesma bunius</i>	1		2			S vs SC r, SC vs LC r, LC vs MC r, S vs LC r, S vs MC r, S vs UC r
五指毛桃 <i>Ficus hirta</i>	1	1				S vs SC r, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
细轴茛花 <i>Wikstroemia nutans</i>	1					S vs SC r, S vs LC r, S vs MC r, S vs UC r
香叶树 <i>Lindera communis</i>	1					S vs SC r, S vs LC r, S vs MC r, S vs UC r
小盘木 <i>Microdesmis caseraiaefolia</i>		1				S vs SC r, SC vs LC r
小叶榕 <i>Ficus benjamina</i>			3	3	1	SC vs LC r, LC vs MC r, MC vs UC r, S vs MC r, S vs UC r
小叶胭脂 <i>Artocarpus styracifolius</i>	1		2			S vs SC r, SC vs LC r, LC vs MC r, S vs LC r, S vs MC r, S vs UC r
鸭脚木 <i>Schefflera octophylla</i>	140	161	51	10		SC vs LC g, LC vs MC g, MC vs UC sp, S vs LC g, S vs MC sp
阳桃 <i>Averrhoa carambola</i>				1		LC vs MC r, MC vs UC r, S vs UC r

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物种 Species	S	SC	LC	MC	UC	分类结果 Classification results
阴香 <i>Cinnamomum burmanni</i>	3	2	3			S vs SC r, SC vs LC r, LC vs MC r, S vs LC r, S vs MC r, S vs UC r
银柴 <i>Aporosa dioica</i>	207	122	43	11		S vs SC g, SC vs LC g, LC vs MC g, MC vs UC sp, S vs LC g, S vs MC sp, S vs UC g
鱼骨木 <i>Canthium dicoccum</i>	22	44	31	7	1	SC vs LC g, LC vs MC g, MC vs UC r, S vs LC sp*, S vs MC r
鱼尾葵 <i>Caryota maxima</i>	6	22	35	22	24	S vs SC sp*, SC vs LC g, LC vs MC g, MC vs UC g, S vs LC sp*, S vs MC sp*, S vs UC sp*
窄叶半枫荷 <i>Pterospermum lanceaefolium</i>	1	1			1	S vs SC r, SC vs LC r, MC vs UC r, S vs LC r, S vs MC r, S vs UC r
樟树 <i>Cinnamomum bodinieri</i>			1	1		SC vs LC r, LC vs MC r, MC vs UC r, S vs UC r
长叶竹柏 <i>Podocarpus fleuryi</i>	6	1	1			S vs SC r, SC vs LC r, LC vs MC r, S vs LC r, S vs MC r, S vs UC r
枝花李榄 <i>Linociera ramiflora</i>	3	2				S vs SC r, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
重阳木 <i>Bischofia polycarpa</i>		1			1	S vs SC r, SC vs LC r, MC vs UC r, S vs MC r
竹节树 <i>Carallia brachiata</i>	6	2				S vs SC r, SC vs LC r, S vs LC r, S vs MC r, S vs UC r
锥栗 <i>Castanopsis chinensis</i>	11	14	13	31	17	SC vs LC g, LC vs MC sp*, MC vs UC g, S vs LC g, S vs MC sp*, S vs UC sp*
子凌蒲桃 <i>Syzygium championii</i>	1					S vs SC r, S vs LC r, S vs MC r, S vs UC r