Figure S1. Spectral reflectance of each component of coniferous-broadleaved mixed plantations.

Table S1. Six measured plots data

| Plot | Tree number | | | | | Average height /cm (sd) | Average DBH /cm (sd) |
	Michelia macclurei	*Schima superba*	*Cunninghamia lanceolata*	*Pinus massoniana*	total		
1	27	4	49	0	80	15.5 (3.9)	20.0 (5.6)
2	22	36	53	0	111	10.4 (3.1)	14.9 (4.8)
3	47	0	26	55	128	11.2 (3.2)	15.9 (4.2)
4	62	0	18	38	118	12.6 (4.5)	16.2 (4.9)
5	33	0	80	0	113	15.2 (3.1)	18.3 (4.0)
6	33	0	125	0	158	12.7 (3.3)	16.4 (4.4)

Table S2. Spectral reflectance data of the selected two wavelengths for different components

| Object | Wavelength/μm | Reflectance/% | |
		conifer	broadleaf
Leaf	0.66	4.157	4.895
	0.83	51.196	54.6275
Trunk	0.66	15.7495	19.9142
	0.83	38.3031	34.0635
Ground	0.66	23.5985	
	0.83	32.7472	