

### Criteria A : based on the potential to become timber for material construction

Ranking	Titel	Description	Mark attached	Remarks
A.1	Fast-growing species			
	a) Growth rate	Slow (0 – 0.5m / year)	1	
		Medium (0.5 – 1m / year)	2	
		Fast (> 1m / year)	3	
A.2	Mechanical properties			
	a) Modulus of elasticity	< 8'200 [N/mm2]	1	These data ranges were determined according to the Swiss wood species most commonly used in construction.
		Between 8'200 - 16'400 [N/mm2]	3	
		> 16'400 [N/mm2]	1	
A.3	Physical properties			
	a) Density	< 430 [kg/m3]	1	
		Between 430 - 790 [kg/m3]	3	
		> 790 [kg/m3]	1	
	b) Drying reaction	High risk (deformation)	1	Determine whether there is a low or high risk of deformation, cracking or discolouration during the drying process.
		Medium risk (deformation)	2	
		Low risk (deformation)	3	
A.4	Biological & chemical properties			
	a) Sensitivity with funghi	High risk	1	
		Medium risk	2	
		Low risk	3	
	b) Sensitivity for termite	High risk	1	
		Medium risk	2	
		Low risk	3	
A.5	Traditional use and knowledge			
	a) People preference / request	Low interest	1	The information is drawn from the responses obtained through questionnaires and information found in literary sources.
		Medium interest	2	
		High interest	3	
	b) Use in construction	Low use	1	
		Medium use	2	
		High use	3	
	c) Availability on market	Low availability	1	
		Medium availability	2	
		High availability	3	