

GLOBIO references and table for land use in forests

This document contains the references to all the publications used in determining the relationship between land uses and MSA in forest biomes within GLOBIO. Below the table of derived MSA values is given.

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Forests

Reference	Taxon	Primary vegetation	Lightly used vegetation	Secondary vegetation	Wood plantation	Agroforestry	Perennial tree crop	Traditional farming	Conventional farming	Pasture
Barlow et al., 2007	Birds	1.00		0.20	0.12					
Barlow et al., 2007	Insects	1.00		0.45	0.43					
Blair and Launer, 1997	Insects	1.00								
Blair, 1996	Birds	1.00								
Bobo et al., 2006	Insects	1.00		0.53		0.26		0.11		
Bonham et al., 2002	Insects	1.00			0.75					
Bonham et al., 2002	other Arthropods	1.00			0.58					
Bonham et al., 2002	Other invertebrates	1.00			0.37					
Botes et al., 2006	Insects	1.00	0.47							
Castro-Arellano, 2007	Mammals	1.00	0.73	0.75						
Castro-Luna, 2007	Mammals	1.00	0.72	0.46						
Chung et al., 2000	Insects	1.00	0.77		0.20		0.08			
Estrada & Coates-Estrada, 2002	Insects	1.00				0.50				
Estrada, et al., 1997	Birds	1.00				0.68	0.42	0.15		0.05
Fermon et al. 2005	Insects	1.00		0.49						
Floren et al., 2001	Insects	1.00		0.23						
Fredericksen & Fredericksen, 2002	Herpetofauna	1.00	0.65							
Fredericksen & Fredericksen, 2002	Mammals	1.00	0.80							
Fujisaka et al., 2000	Trees	1.00		0.13				0.00		
Gardner et al., 2008	Insects	1.00		0.25	0.13					
Glor et al., 2001	Reptiles	1.00		0.61			0.35			0.00
Gotmark et al., 2005	Herbaceous Plants	1.00	0.87							
Harvey et al., 2006	Insects		1.00			0.44			0.25	
Harvey et al., 2006	Mammals		1.00			0.41			0.09	
Heydon & Bulloh, 1997	Mammals	1.00		0.24						
Hicks, N.G., Pearson, S.M. 2003	Amphibians	1.00		0.57						
Howorth and Pendry 2006	Trees	1.00		0.22						
Isabrye-Basuta, 1987	Mammals	1.00		0.75						
Ishida et al., 2005	Herbaceous Plants	1.00		0.57						
Johns, 1991	Birds	1.00		0.47		0.23				
Kavanagh et al., 1995	Birds	1.00	0.84							
Kavanagh et al., 1995	Mammals	1.00	0.81							
Lambert et al., 2005	Mammals	1.00	0.88							
Lambert, 1992	Birds	1.00		0.54						
Laurance & Laurance, 1996	Mammals	1.00	0.99							
Lindenmayer et al., 2002	Birds	1.00			0.48					
Makana & Thomas, 2006	Trees	1.00		0.57						
Marsden et al., 2006	Birds	1.00		0.84		0.79				
Marsden, 1998	Birds	1.00		0.72						
Marsden, et al., 2001	Birds	1.00			0.01					
Mason, 1996	Birds	1.00		0.48						
Nakagawa et al., 2006	Mammals	1.00		0.41			0.45			

Naughton-Treves et al., 2003	Mammals	1.00	0.52				0.33			
O'dea & Whittaker, 2007	Birds	1.00	0.75				0.22			
Owiunji & Plumptre, 1998	Birds	1.00	0.56							
Pardini, 2004	Mammals	1.00	0.85	0.75						
Pearman, 1997	Amphibians	1.00	0.45			0.16				
Peh et al., 2006	Birds	1.00	0.61			0.17				
Pelisier et al., 1998	Trees	1.00	0.52							
Raman, 1996	Mammals	1.00	0.40							
Raman, 2006	Birds	1.00		0.58						
Reiners et al., 1994	Herbaceous Plants	1.00	0.20						0.00	
Renner et al., 2006	Birds	1.00	0.70							
Rivera et al. 2000	Trees		1.00	0.31						
Roth et al., 1994	Insects	1.00	0.40			0.14				
Simard & Fryxell, 2003	Mammals	1.00	0.59							
Sodhi et al. 2005	Birds	1.00	0.61				0.16			
Soh et al., 2006	Birds	1.00		0.63		0.21				
Sousa et al. 2004	Insects		1.00					0.08	0.22	
Suarez-Soane 2002	Birds		1.00	0.34			0.17			
Svenning 1998	Trees	1.00	0.71	0.43						
Thiollay 1997	Birds	1.00	0.64	0.57						
Thiollay, 1992	Birds	1.00	0.49							
Vallan, 2002	Amphibians	1.00	0.45	0.26				0.04		
Vallan, et al. 2004	Amphibians	1.00	0.59							
Vanbergen et al., 2005	Insects	1.00		0.67			0.47		0.46	
Vasconcelos et al., 2000	Insects	1.00	0.67							
Vasconcelos, 1999	Insects	1.00	0.36							
Webb & Fa'aumu, 1999	Trees	1.00	0.46							
Wu et al. 1996	Mammals	1.00	0.57							
Yu et al., 2006	Insects	1.00		0.21						
Mean		1.00	0.77	0.49	0.37	0.52	0.25	0.20	0.12	0.15
Maximum likelihood estimate		1.00	0.74	0.47	0.33	0.53	0.22	0.20	0.09	0.15
standard error			0.04	0.03	0.07	0.07	0.05	0.06	0.03	0.09