

Article information

Title

Model based design to improve connectivity and co-use of ecological networks in cities

Journal

Landscape Ecology

Corresponding author

Ron Corstanje, PhD

Cranfield Soil and Agrifood Institute

School of Water, Energy, Environment and Agrifood, Cranfield University, MK43 0AL,

Bedford, United Kingdom

Email: roncorstanje@cranfield.ac.uk

Phone: +447480470177

Authors

Simon Beaujean, MSc

Amal Najihah Muhamad Nor, PhD

Tim Brewer, MSc

Juan Gallego Zamorano, MSc

Jim Harris, PhD

Alexandra Cristina Dumitriu, MSc

List of Tables

Table 1

FOCAL SPECIES	SOURCE SITE ID	NAME	LAND USE	AREA (HA)
Human recreation	1	Jardin Botanique	Park	4.42
	2	Parc d'Avroy	Park	5.38
	3	Parc de la Boverie	Park	8.78
	4	Parc des Oblats	Park	20.39
Natterjack toad	1	Hôpital Glain	Industrial wasteland	17.48
	2	Les Houlpais	Slagheap	17.45
	3	Domaine de la Chartreuse	Industrial wasteland	4120.00
	4	Terril du Perron	Slagheap	13.79

Table 2

HUMAN WALKING FOR RECREATION						
Source site IDs	1-2	1-3	1-4	2-3	2-4	3-4
Straight-line distances (m)	243	842	1830	406	1423	856
NATTERJACK TOAD						
Source site IDs	1-2	1-3	1-4	2-3	2-4	3-4
Straight-line distances (m)	6807	3902	3359	2761	7345	3461