

Supplementary Information

The role of secondary trees in Mediterranean mature forests for the conservation of the forest-dwelling bat *Myotis alcathoe*. Are current logging guidelines appropriate?

Alba Coronado, Carles Flaquer, Xavier Puig-Montserrat, Emilie Barthe, Maria Mas, Antoni Arrizabalaga, Adrià López-Baucells

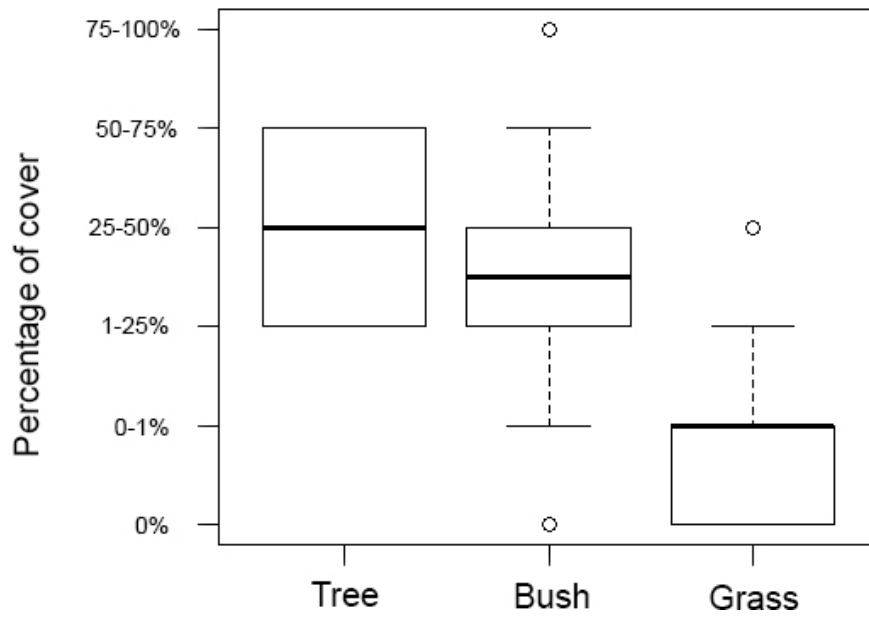


Figure S1: Habitat characterization in a 10 m radius buffer around roosts. Tree, shrub, and herbaceous cover. * 1 (isolated trees), 2 (0–1%), 3 (1–25%), 4 (25–50%), 5 (50–75%); 6 (75–100%).

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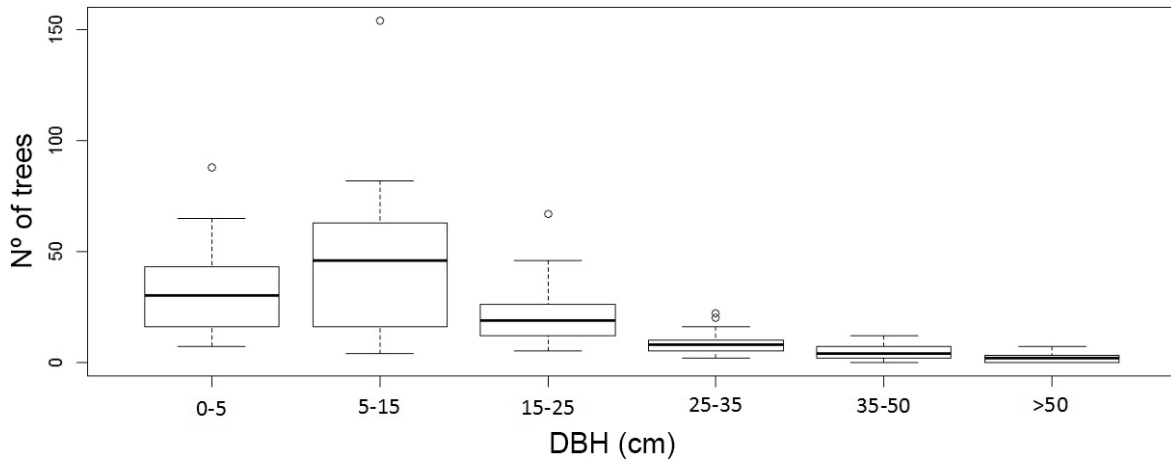


Figure S2: Habitat characterization in a 10 m radius buffer around roosts. Number of trees per each size category.

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Table S3: Data of tagged bats.

Bat ID	Year	Capture	Sex	Age	Reproductive status	Weight (g)	Forearm (mm)	N° roosts
1	07/2013	HT	♂	Adult	Pas	3.6	30.5	1, 13
2	07/2014	HT	♂	Adult	Pas	4.0	32.0	2
3	07/2013	HT	♂	Adult	Pas	4.2	32.1	3
4	08/2014	HT	♂	Adult	Pas	3.4	31.0	4
5	07/2014	HT	♂	Adult	Pas	4.1	31.4	5
6	08/2014	HT	♂	Adult	Pas	4.4	33.1	6, 7, 8
7	07/2012	HT	♂	Adult	Pas	3.9	31.9	9
8	07/2012	HT	♀	Adult	Pas	4.1	31.4	9
9	07/2012	HT	♀	Adult	Lact	4.7	31.6	9
10	07/2012	MN	♀	Adult	Lact	4.9	32.4	9
11	07/2015	HT	♀	Adult	Lact	4.5	32.2	10
12*	07/2014	HT	♀	Adult	Lact	4.6	32.4	11, 15
13	07/2014	HT	♀	Adult	Lact	4.9	32.4	12
14	07/2013	HT	♀	Adult	Lact	5.0	32.7	13
15	07/2013	HT	♀	Adult	Lact	4.7	32.8	13
16	07/2009	HT	♀	Adult	Lact	4.0	31.6	14
17	07/2014	HT	♀	Adult	Lact	4.2	31.1	16
18	07/2013	HT	♀	Adult	Pas	4.8	32.2	17, 18

HT: harp traps; MN: mist-nets. Pas: passive; Lact: lactating female.

* It remained 13 consecutive days in *Ilex aquifolium* (roost 11).