

**Assessing the response of amphibians to wildfire according to forest type and bioregion  
affinity of species**

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**SUPPLEMENTARY MATERIAL**

**Table S1:** Summary of the total amphibian species (SP) recorded, and number of individuals recorded per species, after accumulating the data of two visits in October-November 2017, and two visits in autumn 2019 at each site. SP Atlan: number of Atlantic species; SP Med: number of Mediterranean species.

Ponds	Fire severity	Forest type	Visits	#SP	SP Atlan	SP Med	<i>R. iberica</i>	<i>L. boscai</i>	<i>L. helveticus</i>	<i>S. salamandra</i>	<i>Ch. lusitanica</i>	<i>D. galganoi</i>	<i>T. marmoratus</i>	<i>P. perezi</i>	<i>A. obstetricans</i>
Balsa Alba1	Unburnt	Native	2017	1	0	1	0	0	0	0	0	0	0	1	0
Balsa Alba1	Unburnt	Native	2019	2	1	1	0	0	1	0	0	0	1	0	0
Balsa Alba2	Unburnt	Native	2017	1	0	1	0	0	0	0	0	0	0	1	0
Balsa Alba2	Unburnt	Native	2019	0	0	0	0	0	0	0	0	0	0	0	0
Balsa Alba3	Unburnt	Native	2017	4	2	2	0	0	1	1	0	0	1	1	0
Balsa Alba3	Unburnt	Native	2019	2	0	2	0	0	0	0	0	0	1	1	0
Bebedeiros	High	Exotic	2017	0	0	0	0	0	0	0	0	0	0	0	0
Bebedeiros	High	Exotic	2019	1	0	1	0	0	0	0	0	0	0	1	0
Chan de Oural	Unburnt	Native	2017	4	3	1	0	1	1	1	0	0	0	1	0
Chan de Oural	Unburnt	Native	2019	2	2	0	0	1	0	1	0	0	0	0	0
Charca Forestal Coruxo	Unburnt	Native	2017	0	0	0	0	0	0	0	0	0	0	0	0
Charca Forestal Coruxo	Unburnt	Native	2019	4	3	1	0	1	1	1	0	0	1	0	0
Fonte Alba	Low	Native	2017	1	0	1	0	0	0	0	0	0	0	1	0
Fonte Alba	Low	Native	2019	0	0	0	0	0	0	0	0	0	0	0	0
Fonte da Tomada	Low	Native	2017	1	0	1	0	0	0	0	0	1	0	0	0
Fonte da Tomada	Low	Native	2019	0	0	0	0	0	0	0	0	0	0	0	0
Fonte de Abade	Unburnt	Native	2017	1	0	0	0	0	0	0	1	0	0	0	0
Fonte de Abade	Unburnt	Native	2019	0	0	0	0	0	0	0	0	0	0	0	0
Fonte do Romano	High	Exotic	2017	0	0	0	0	0	0	0	0	0	0	0	0
Fonte do Romano	High	Exotic	2019	0	0	0	0	0	0	0	0	0	0	0	0
Fonte EO Forestal	High	Exotic	2017	2	0	1	0	0	0	0	1	1	0	0	0

Fonte EO Forestal	High	Exotic	2019	0	0	0	0	0	0	0	0	0	0	0	0
Fonte Peimallo	High	Exotic	2017	5	2	3	0	1	0	1	0	1	1	1	0
Fonte Peimallo	High	Exotic	2019	2	1	1	0	0	0	1	0	0	1	0	0
Freixa	Unburnt	Native	2017	1	1	0	0	0	0	1	0	0	0	0	0
Freixa	Unburnt	Native	2019	0	0	0	0	0	0	0	0	0	0	0	0
Mina Zondal	High	Exotic	2017	0	0	0	0	0	0	0	0	0	0	0	0
Mina Zondal	High	Exotic	2019	0	0	0	0	0	0	0	0	0	0	0	0
Pista Zamans	Unburnt	Native	2017	2	1	1	1	0	0	0	0	1	0	0	0
Pista Zamans	Unburnt	Native	2019	1	0	0	0	0	0	0	1	0	0	0	0
Poza Carballosa Coruxo	Unburnt	Native	2017	2	2	0	1	1	0	0	0	0	0	0	0
Poza Carballosa Coruxo	Unburnt	Native	2019	1	1	0	1	0	0	0	0	0	0	0	0
Poza Cidáns	Unburnt	Native	2017	1	1	0	0	0	1	0	0	0	0	0	0
Poza Cidáns	Unburnt	Native	2019	1	0	1	0	0	0	0	0	0	0	1	0
Poza dos Vales	Unburnt	Native	2017	0	0	0	0	0	0	0	0	0	0	0	0
Poza dos Vales	Unburnt	Native	2019	0	0	0	0	0	0	0	0	0	0	0	0
Pozo Incendios Coruxo	High	Native	2017	7	4	3	1	1	1	1	0	0	1	1	1
Pozo Incendios Coruxo	High	Native	2019	8	4	4	1	1	1	1	0	1	1	1	1
Pozo Incendios PF Coruxo	Unburnt	Native	2017	5	3	2	0	1	1	1	0	0	1	0	1
Pozo Incendios PF Coruxo	Unburnt	Native	2019	5	3	2	0	1	1	1	0	0	1	0	1
Presa das Cartas	Low	Exotic	2017	3	2	1	1	0	0	1	0	0	0	1	0
Presa das Cartas	Low	Exotic	2019	0	0	0	0	0	0	0	0	0	0	0	0
Rego da Carballosa	High	Exotic	2017	0	0	0	0	0	0	0	0	0	0	0	0
Rego da Carballosa	High	Exotic	2019	0	0	0	0	0	0	0	0	0	0	0	0
Rego da Carballosa Coruxo	Unburnt	Native	2017	0	0	0	0	0	0	0	0	0	0	0	0
Rego da Carballosa Coruxo	Unburnt	Native	2019	0	0	0	0	0	0	0	0	0	0	0	0
Rego da Presa 1	High	Exotic	2019	0	0	0	0	0	0	0	0	0	0	0	0
Rego da Presa 1	High	Exotic	2017	2	1	0	0	0	0	1	1	0	0	0	0
Rego da Presa 2	High	Exotic	2017	3	3	0	0	1	1	1	0	0	0	0	0

Rego da Presa 2	High	Exotic	2019	5	3	1	0	1	1	1	1	0	1	0	0
Rego do Freixo 2	Unburnt	Exotic	2017	1	1	0	1	0	0	0	0	0	0	0	0
Rego do Freixo 2	Unburnt	Exotic	2019	0	0	0	0	0	0	0	0	0	0	0	0
Rego doFreixo	High	Exotic	2017	1	1	0	1	0	0	0	0	0	0	0	0
Rego doFreixo	High	Exotic	2019	0	0	0	0	0	0	0	0	0	0	0	0
Rego Granxeo	High	Exotic	2017	0	0	0	0	0	0	0	0	0	0	0	0
Rego Granxeo	High	Exotic	2019	0	0	0	0	0	0	0	0	0	0	0	0
Rego Quintián	Low	Native	2017	2	1	0	1	0	0	0	1	0	0	0	0
Rego Quintián	Low	Native	2019	2	1	0	1	0	0	0	1	0	0	0	0
Regueira de Laxiade	High	Native	2017	1	0	0	0	0	0	0	1	0	0	0	0
Regueira de Laxiade	High	Native	2019	2	2	0	1	0	0	1	0	0	0	0	0
Regueira de Laxiade 2	High	Native	2017	2	1	0	1	0	0	0	1	0	0	0	0
Regueira de Laxiade 2	High	Native	2019	1	1	0	0	0	0	1	0	0	0	0	0
Rio Amial	Unburnt	Native	2017	2	1	0	1	0	0	0	1	0	0	0	0
Rio Amial	Unburnt	Native	2019	1	1	0	1	0	0	0	0	0	0	0	0
Samertolameo	High	Exotic	2017	4	1	3	0	0	0	1	0	1	1	1	0
Samertolameo	High	Exotic	2019	0	0	0	0	0	0	0	0	0	0	0	0
Total				99	54	35	14	11	11	18	10	6	12	13	4

**Figure S1:** Two examples of the sampled water bodies in the study area: A Freixa (left), located in an unburnt native stand, and Fonte Peimallo (right), located in an exotic forest patch where the vegetation was completely burnt.



**Figure S2:** Amphibian specimens found death after the 2017 fire on 27 October at Fuente Peimallo. Top picture: *Discoglossus galganoi*. Bottom picture: *Triturus marmoratus*, *Salamandra salamandra*, *Discoglossus galganoi* and the water snake *Natrix maura*.

