

Variable	Metrics	Source	Year of production
nearest occupied pond	Distance (m)	CRA CEN-Lorraine	2023
Forest	Area (m <sup>2</sup> )	BDFORET V.2	2014
Forest	Distance to forest edge (m)	BDFORET V.2	2014
Meadows	Area (m <sup>2</sup> )	RPG (codes 16, 18, 19)	2022
Crops	Area (m <sup>2</sup> )	RPG (codes 1, 2, 3, 4, 5, 6, 7, 8)	2022
Rivers	Distance (m)	BDTOPO	2023
Water bodies	Area (m <sup>2</sup> )	BDTOPO	2023
Water bodies	Distance (m)	BDTOPO	2023
Water bodies	Number	PRAM CEN-Lorraine, BDTOPO	2021, 2023, 2024

TABLE 1 – List of landscape variables tested as occupancy variables for the multi-year occupancy modelling of the fire-bellied toad in Moselle (France)

### Sources :

- CRA CEN-Lorraine : private data base of species occurrence curated by Conservatoire des sites de Lorraine <https://www.cen-lorraine.fr/#/>
- BDFORET V.2 : <https://geoservices.ign.fr/bdforet>
- RPG : <https://geoservices.ign.fr/actualites/2023-11-10-RPG>
- BDTOPO : <https://geoservices.ign.fr/bdtopo>
- PRAM CEN-Lorraine : <https://app.pram-grandest.fr/#/>