

1 **Table 1:** Reported animal links
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Species	Relationship	References	Observations
Worms	comatose beside worm-holes after application of worm-killer	[20]	Based on this, Arrow [21] assumed that <i>O. armiger</i> was not digging its own burrows!
Cattle	under dung/ dry dung	[3,22-23]	Reported by many other authors
Sheep	in droppings	Foudras in [3]; [22]	Reported by many other authors
Humans	in faeces	Kingelmann in [3]	
Toads	prey	Vaillant, Perret, both in [3]	
Rabbits	in burrows near droppings/burrows	[24-26], this study [27-30]	Paulian [25] seem to refer to Warlet [24]
Red Foxes	in burrows	[24]	Warlet [24] assumed a mixed burrow occupancy with rabbits
Badgers	in burrows	[24]	Warlet [24] assumed a mixed burrow occupancy with rabbits

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5 **Table 2:** Locations, years and duration of trapping. Letters in the “*O. armiger* burrows” column correspond to the diagram of fully excavated
6 burrows in Figure 3.
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Country	Location		Number of traps	Year (duration)	Number of Captures		Excavated <i>O. armiger</i> burrows
	Département/ Vice-County	Locality			Rabbit burrows	Controls	
France	Cantal	Saint Martin-Valmeroux / Salers	6	1989 (2 weeks)	0	0	
	Deux-Sèvres	Rigné	4	2009 (2 weeks)	0	0	2 (c,d)
	Landes	Sore (Barthe)	10	1988-99 (21 months)	0	11 (1 recapture)	9 (a,b)
	Landes	Vallée de la Leyre / Pissos	2	1994-95 (2 months)	0	0	
	Puy-de-Dôme	La Bourboule	4	1990 (2 weeks)	0	0	
	Vienne	Smarves (Bois de St Pierre)	10	1989-94 (25 months)	9	1	
	Vienne	Nouaillé-Maupertuis (Les Bordes)	10	1992-96 (12 months)	0	5	1
	Vienne	Champot	6	1993 (4 months)	0	1	
	Vosges	Le Ménil	4	2010 (2 weeks)	0	1	
England	Bedfordshire	Marston Moretaine	4	1999 (2 months)	0	0	
	Cambridgeshire	Cambridge	4	2012-13 (8months)	1	1	
	Kent	St Mary Cray (Kynaston Wood)	4	2004-05 (5 months)	0	0	
	West Suffolk	Thetford Forest Park	6	1998 (2 months)	0	0	
	West Suffolk	Brandon	4	1998 (2 months)	0	0	

Table 3: Reported Fungus associations in the literature and this study. Reference only referring to “underground fungi” or “truffles” without citing a precise species or genus are not included.

Fungus	<i>O. armiger</i> stage	Reference	Observations
<i>Agaricus</i> sp.	Adult	[23]	In decaying fungi. Not eaten in captivity in this study.
<i>Endogone lactiflua</i>	Adult	This study	In captivity. Fungi found near <i>O. armiger</i> burrows. Seem to prefer decaying specimen.
<i>Glomus macrocarpum</i>	Adult	[80]	Also <i>Bolbelasmus unicornis</i>
<i>Glomus microcarpum</i>	Adult	This study	One male in burrow.
<i>Rhizopogon luteolus</i>	Adult	This study	One male found feeding on a large partly decaying specimen along two <i>Anoplotrupes stercorosus</i>
<i>Sclerodorma</i> sp.	Adult	[81]	
<i>Tuber</i> sp.	Adult	[82]	
Mycelium	Larva	[24], this study	Thick mycelium growing on partly decaying roots inside rabbit warrens [24] or on roots near <i>O. armiger</i> burrows (this study)