

Details of survival tests silverfish

***Messor* specialist tests (N=40)**

With *Neoasterolepisma foreli*

Number of experiment (N=12)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv died	Ant species
S103	100%	3	1	0	<i>M. barbarus</i>
S120	100%	4	3	0	<i>M. barbarus</i>
S132	100%	4	4	0	<i>M. barbarus</i>
S133a	100%	8	6	0	<i>M. barbarus</i>
S135a	100%	8	6	0	<i>M. barbarus</i>
S136a	100%	2	1	0	<i>M. barbarus</i>
S142	100%	10	3	0	<i>M. barbarus</i>
S145a	100%	7	10	0	<i>M. barbarus</i>
S035	100%	3	2	0	<i>M. barbarus</i>
S023	100%	2	2	0	<i>M. barbarus</i>
S024	100%	3	1	0	<i>M. barbarus</i>
S134	100%	6	2	0	<i>M. timidus</i>

With *N. lusitanum*

Number of experiment (N=8)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv died	Ant species
S114b	100%	2	1	0	<i>M. barbarus</i>
S129b	100%	2	2	0	<i>M. barbarus</i>
S138a	100%	10	6	0	<i>M. barbarus</i>
S149	100%	5	7	0	<i>M. barbarus</i>
S038	100%	3	1	0	<i>M. barbarus</i>
S051	100%	4	3	0	<i>M. barbarus</i>
S056	100%	1	1	0	<i>M. barbarus</i>
S252	100%	2	2	0	<i>M. barbarus</i>

With *N. spectabile*

Number of experiment (N=20)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv died	Ant species
S104	33,33%	7	6	2	<i>M. barbarus</i>
S114a	100%	2	2	0	<i>M. barbarus</i>
S119	100%	1	1	0	<i>M. barbarus</i>
S123	50%	1	4	2	<i>M. barbarus</i>
S128	100%	7	5	0	<i>M. barbarus</i>
S129a	100%	4	10	0	<i>M. barbarus</i>
S133c	100%	2	2	0	<i>M. barbarus</i>
S135b	100%	4	8	0	<i>M. barbarus</i>
S136b	100%	3	8	0	<i>M. barbarus</i>

S002+ S003	100%	6	6	0	<i>M. barbarus</i>
S004 + S005	100%	3	3	0	<i>M. barbarus</i>
S016 + S017	100%	2	2	0	<i>M. barbarus</i>
S026	100%	1	1	0	<i>M. barbarus</i>
S037	100%	3	1	0	<i>M. barbarus</i>
S041	100%	12	5	0	<i>M. barbarus</i>
S043	100%	5	4	0	<i>M. barbarus</i>
S054	100%	9	9	0	<i>M. barbarus</i>
S059	75%	4	4	1	<i>M. barbarus</i>
S060	75%	4	4	1	<i>M. barbarus</i>
S138b	100%	10	1	0	<i>M. barbarus</i>

***Aphaenogaster* specialist tests (N= 13)**

With *N. delator*

Number of experiment (N = 12)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv died	Ant species
S107	0%	2	2	2	<i>A. gibbosa</i>
S102	100%	2	2	0	<i>A. senilis</i>
S111	100%	5	2	0	<i>A. senilis</i>
S117	100%	5	3	0	<i>A. senilis</i>
S125	50%	4	2	1	<i>A. senilis</i>
S127	50%	9	6	3	<i>A. senilis</i>
S139	100%	5	3	0	<i>A. senilis</i>
S141	100%	4	1	0	<i>A. senilis</i>
S018 + S019	0%	8	3	3	<i>A. senilis</i>
S032	60%	5	5	2	<i>A. senilis</i>
S402	50%	6	2	1	<i>A. senilis</i>
S403	100%	5	1	0	<i>A. senilis</i>

With *N. hespericum*

Number of experiment (N=1)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv. died	Ant species
S022	100%	2	1	0	<i>A. senilis</i>

(But there were 44 aggressions, some of them effective. The silverfish could have died in a longer experiment and was not used for long-term test).

Generalist tests (N=34)

G1. With *N. curtiseta* (N=21)

G1.A. *N. curtiseta* with *Aphaenogaster*

Number of experiment (N=2)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv. died	Ant species
S121	100%	6	2	0	<i>A. iberica</i>
S122	100%	2	1	0	<i>A. iberica</i>

But one silverfish in the test S121 died few hours after 15' test

G.1.B. *N. curtiseta* with *Camponotus*

Number of experiment (N=11)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv. died	Ant species
S253	100%	3	1	0	<i>C. cruentatus</i>
S118	100%	1	1	0	<i>C. pilicornis</i>
S124	50%	2	4	2	<i>C. pilicornis</i>
S130	0%	1	1	1	<i>C. pilicornis</i>
S144	100%	2	2	0	<i>C. pilicornis</i>
S147	100%	1	2	0	<i>C. pilicornis</i>
S148	50%	1	2	0	<i>C. pilicornis</i>
S033	0%	1	1	1	<i>C. pilicornis</i>
S036	100%	2	3	0	<i>C. pilicornis</i>
S052	0%	1	1	1	<i>C. pilicornis</i>
S053	100%	1	1	0	<i>C. sylvaticus</i>

Survival reduces in smallest recipients

G.1.C. *N. curtiseta* with *Iberoformica subrufa*

Number of experiment (N=3)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv. died
S055	66%	3	3	1
S064	0%	3	1	1
S112a	100%	2	1	0

G.1.D. *N. curtiseta* with *Messor barbarus*

Number of experiment (N=3)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv. died
S008	0%	2	1	1
S020	100%	4	5	0
S058	0%	3	1	1

G.1.E. *N. curtiseta* with *Cataglyphis hispanica*

Number of experiment (N=1)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv. died
S040	0%	4	9	9

G.1.F. *N. curtiseta* with *Tapinoma nigerrimum*

Number of experiment(N=1)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv. died
S115	100%	2	1	0

G.2. With *Proatelurina pseudolepisma* (N=13)

G.3.A. *Proatelurina* with *Camponotus pilicornis*

Number of experiment (N=1)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv. died
S105	0%	2	1	1

G.2.B. *Proatelurina* with *Lasius*

Number of experiment (N=2)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv. died	Ant species
S027	0%	3	1	1	<i>Lasius niger</i> complex
S112b	100%	2	1	0	<i>Lasius grandis</i>

G.2.C. *Proatelurina* with *Messor barbarus*

Number of experiment (N=1)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv. died
S057	0%	3	1	1

G.2.D. *Proatelurina* with *Pheidole pallidula*

Number of experiment (N=4)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv. died
S042	100%	5	1	0
S150	0%	2	2	2
S401	100%	8	1	0
S404	0%	7	1	1

G.2.E. *Proatelurina* with *Tetramorium forte/ruginodis*

Number of experiment (N=2)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv. died
S108	0%	8	1	1
S110	0%	5	1	1

Facultative silverfish tests

F.1. With *Lepisma baetica/chlorosoma* (N=6)

F.1.A. *L. baetica* with *Tetramorium forte/ruginodis*

Number of experiment (N=5)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv. died
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S109	0%	3	1	1
S113	100%	2	1	0
S116	100%	3	2	0
S143	100%	5	3	0
S405	100%	8	2	0

F.1.B. L.baetica with Messor barbarus

Number of experiment (N=1)	SURVIVAL (15')	Number of ants	Number of Silv	Number of Silv. died
S030	0%	1	1	1

Non-myrmecophile (xenomyrmecophile) tests (N=9; N =7 discarding species of other orders of Hexapoda)

Number of experiment	SURVIVAL (15')	Number of ants	Number of Silv (or another)	Number of Silv. (or another) died
S266 <i>Aphaenogaster senilis</i> / <i>Ctenolepisma nicoletii</i>	0%	2	1	1
S006 <i>Messor barbarus</i> / <i>C. ciliatum</i>	0%	3	1	1
S028 <i>Messor barbarus</i> / <i>C. ciliatum</i>	0%	5	1	1
S031 <i>Messor barbarus</i> / <i>C. ciliatum</i>	0%	3	1	1
S257 <i>Messor barbarus</i> / <i>C. targionii</i>	0%	2	1	1
S264 <i>Messor barbarus</i> / <i>C. nicoletii</i>	0%	2	1	1
S050 <i>Pheidole pallidula</i> / <i>C. nicoletii</i>	0%	5	1	1
S007 <i>Messor barbarus</i> / <i>Diplura Campodeidae</i>	0%	3	1	1
S101 <i>Messor barbarus</i> / <i>Microcoryphia Machilidae</i>	0%	1	1	1

In smaller recipients, silverfish (or another insect) were killed more quickly.