

## Prevalence and genotyping of *Trichomonas* infections in wild birds in central Germany

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### Supplementary material

**S1 Table:** *Trichomonas* samples (N=71) with their closest GenBank match for ITS1/5.8S/ITS2 region, maximum identity and query coverage in % as well as the *Trichomonas* species of the GenBank match, lineage of *Trichomonas gallinae*, host and country in which the reference was found.

Order+ Host species	Sample ID	<i>Trichomonas</i> species	Lineage	Accession number	Identity	Query cover	Host species	country
<b>Accipitriformes</b>								
Common buzzard	T15-013	<i>T. gallinae</i>	C/V/N	KX459475	100%	99%	Woodpigeon	Germany
Common buzzard	T17-077	<i>T. gallinae</i>	A/B	KX844991	100%	100%	Collared dove	Malta
Honey buzzard	T15-002	<i>T. gallinae</i>	O	KX459498	<b>98%</b>	99%	Turtle dove	Spain
Northern Goshawk	T15-034	<i>T. gallinae</i>	C/V/N	KX459497	100%	99%	Turtle dove	Spain
Northern Goshawk	T16-154	<i>T. gallinae</i>	C/V/N	KX459474	100%	100%	Woodpigeon	Germany
Northern Goshawk	T17-089	<i>T. gallinae</i>	C/V/N	KX459476	100%	100%	Woodpigeon	Germany
Red kite	T15-011	<i>T. vaginalis</i>	-	KP987798	<b>97%</b>	99%	unknown	Turkey
Red kite	T15-035	<i>T. vaginalis</i>	-	KP987798	<b>97%</b>	99%	unknown	Turkey
Red kite	T16-068	<i>T. gallinae</i>	A/B	KX844991	100%	100%	Collared dove	Malta
Sparrowhawk	T15-007	<i>T. gallinae</i>	A/B	KC215387	<b>99%</b>	97%	Band-tailed pigeon	USA
Sparrowhawk	T17-066	<i>T. gallinae</i>	A/B	KC215387	100%	100%	Band-tailed pigeon	USA

Order+ Host species	Sample ID	<i>Trichomonas species</i>	Lineage	Accession number	Identity	Query cover	Host species	country
<b>Anseriformes</b>								
Egyptian goose	T17-079	<i>T. gallinae</i>	C/V/N	KX459498	100%	100%	Turtle dove	Spain
<b>Columbiformes</b>								
Collared dove	T15-032	<i>T. gallinae</i>	C/V/N	KX459497	100%	99%	Turtle dove	Spain
Feral Pigeon	T15-005	<i>T. gallinae</i>	C/V/N	KX459485	<b>99%</b>	99%	Turtle dove	Spain
Feral Pigeon	T15-025	<i>T. gallinae</i>	A/B	KX459444	100%	99%	Stock dove	Germany
Feral Pigeon	T15-038	<i>T. gallinae</i>	C/V/N	KX459498	<b>99%</b>	100%	Turtle dove	Spain
Feral Pigeon	T16-003	<i>T. gallinae</i>	C/V/N	KX459505	100%	100%	Turtle dove	Italy
Feral Pigeon	T16-005	<i>T. gallinae</i>	C/V/N	KX459498	100%	100%	Turtle dove	Spain
Feral Pigeon	T16-029	<i>T. gallinae</i>	C/V/N	KX459505	100%	100%	Turtle dove	Italy
Feral Pigeon	T16-069	<i>T. gallinae</i>	C/V/N	KX459505	100%	100%	Turtle dove	Italy
Feral Pigeon	T17-016	<i>T. gallinae</i>	A/B	KX459474	<b>99%</b>	100%	Woodpigeon	Germany
Feral Pigeon	T17-070	<i>T. gallinae</i>	C/V/N	KX459475	100%	100%	Woodpigeon	Germany
Feral Pigeon	T17-138	<i>T. gallinae</i>	C/V/N	KX459498	100%	100%	Turtle dove	Spain
Feral Pigeon	T17-156	<i>T. gallinae</i>	A/B	KX844991	100%	100%	Collared dove	Malta
Feral Pigeon	T17-160	<i>T. gallinae</i>	A/B	KC215387	100%	99%	Band-tailed pigeon	USA
Feral Pigeon	T17-162	<i>T. gallinae</i>	A/B	KX844991	100%	100%	Collared dove	Malta
Feral Pigeon	T17-167	<i>T. gallinae</i>	C/V/N	KX459475	100%	100%	Woodpigeon	Germany
Feral Pigeon	T17-169	<i>T. gallinae</i>	C/V/N	KX459499	100%	100%	Turtle dove	Spain
Stock dove	T17-124	<i>T. gallinae</i>	A/B	KX844991	100%	100%	Collared dove	Malta
Woodpigeon	T15-014	<i>T. gallinae</i>	C/V/N	KX459498	100%	100%	Turtle dove	Spain
Woodpigeon	T15-026	<i>T. gallinae</i>	C/V/N	KX459505	100%	99%	Turtle dove	Italy
Woodpigeon	T15-033	<i>T. gallinae</i>	C/V/N	KX459498	100%	99%	Turtle dove	Spain
Woodpigeon	T15-040	<i>T. gallinae</i>	C/V/N	KX459498	100%	100%	Turtle dove	Spain
Woodpigeon	T15-104	<i>T. gallinae</i>	C/V/N	KX459474	<b>99%</b>	100%	Woodpigeon	Germany
Woodpigeon	T16-040	<i>T. gallinae</i>	C/V/N	KX459505	100%	100%	Turtle dove	Italy

Order+ Host species	Sample ID	<i>Trichomonas species</i>	Lineage	Accession number	Identity	Query cover	Host species	country
Woodpigeon	T16-055	<i>T. gallinae</i>	C/V/N	KX459505	100%	100%	Turtle dove	Italy
Woodpigeon	T16-062	<i>T. gallinae</i>	A/B	KX844991	<b>99%</b>	100%	Collared dove	Malta
Woodpigeon	T16-163	<i>T. gallinae</i>	A/B	KX844991	100%	100%	Collared dove	Malta
Woodpigeon	T17-003	<i>T. gallinae</i>	C/V/N	KX459498	100%	100%	Turtle dove	Spain
Woodpigeon	T17-025	<i>T. gallinae</i>	C/V/N	KX459475	100%	100%	Woodpigeon	Germany
Woodpigeon	T17-073	<i>T. gallinae</i>	C/V/N	KX459475	100%	100%	Woodpigeon	Germany
Woodpigeon	T17-082	<i>T. gallinae</i>	C/V/N	KX459475	100%	100%	Woodpigeon	Germany
Woodpigeon	T17-090	<i>T. gallinae</i>	A/B	KX844991	100%	100%	Collared dove	Malta
Woodpigeon	T17-108	<i>T. gallinae</i>	C/V/N	KX459498	100%	100%	Turtle dove	Spain
Woodpigeon	T17-112	<i>T. gallinae</i>	C/V/N	KX459498	100%	100%	Turtle dove	Spain
Woodpigeon	T17-154	<i>T. gallinae</i>	C/V/N	KX459499	100%	100%	Turtle dove	Spain
<b>Falconiformes</b>								
Common kestrel	T15-015	<i>T. gallinae</i>	C/V/N	KX459475	<b>99%</b>	98%	Woodpigeon	Germany
Common kestrel	T16-057	<i>T. gallinae</i>	A/B	KX844991	100%	100%	Collared dove	Malta
Common kestrel	T16-076	<i>T. gallinae</i>	II	KX844984	100%	100%	Turtle dove	Malta
Common kestrel	T17-088	<i>T. gallinae</i>	C/V/N	KX459498	100%	100%	Turtle dove	Spain
Peregrine falcon	T17-013	<i>T. gallinae</i>	A/B	KX584000	100%	100%	Canary	Slovenia
<b>Passeriformes</b>								
Blackbird	T15-053	<i>T. gallinae</i>	C/V/N	KX459475	<b>99%</b>	99%	Woodpigeon	Germany
Blackbird	T15-055	<i>T. gallinae</i>	C/V/N	KX459475	100%	99%	Woodpigeon	Germany
Blackbird	T15-066	<i>T. gallinae</i>	A/B	KC215387	100%	99%	Band-tailed pigeon	USA
Blackbird	T15-077	<i>T. gallinae</i>	A/B	KC215387	<b>99%</b>	99%	Band-tailed pigeon	USA
Blackbird	T15-078	<i>T. gallinae</i>	C/V/N	KX459474	100%	100%	Woodpigeon	Germany
Blackbird	T15-081	<i>T. tenax</i>	-	KX459453	<b>98%</b>	99%	Stock dove	Germany
Chaffinch	T14-BF2	<i>T. tenax</i>	-	KX459511	100%	100%	Turtle dove	Italy

Order+ Host species	Sample ID	<i>Trichomonas species</i>	Lineage	Accession number	Identity	Query cover	Host species	country
Chaffinch	T15-086	<i>T. gallinae</i>	-	KC215387	<b>99%</b>	99%	Band-tailed pigeon	USA
Chaffinch	T17-157	<i>T. gallinae</i>	A/B	KX844991	100%	100%	Collared dove	Malta
European Robin	T15-064	<i>T. gallinae</i>	C/V/N	KX459498	100%	100%	Turtle dove	Spain
Greenfinch	T14-GF1	<i>T. gallinae</i>	A/B	KX584000	100%	97%	Canary	Slovenia
Greenfinch	T17-091	<i>T. gallinae</i>	A/B	KC215387	100%	99%	Band-tailed pigeon	USA
<b>Strigiformes</b>								
Barn owl	T15-019	<i>T. gallinae</i>	C/V/N	KX459498	<b>99%</b>	99%	Turtle dove	Spain
Barn owl	T15-102	<i>T. gallinae</i>	C/V/N	KX459498	100%	99%	Turtle dove	Spain
Eagle Owl	T15-006	<i>T. gallinae</i>	C/V/N	KX459474	100%	100%	Woodpigeon	Germany
Eagle Owl	T15-041	<i>T. gallinae</i>	C/V/N	KX459474	<b>99%</b>	100%	Woodpigeon	Germany
Eagle Owl	T16-075	<i>T. gallinae</i>	II	KX844987	<b>99%</b>	100%	Turtle dove	Malta
Long-eared owl	T15-028	<i>T. gallinae</i>	C/V/N	KX459475	<b>99%</b>	99%	Woodpigeon	Germany
Tawny Owl	T15-017	<i>T. gallinae</i>	C/V/N	KX459475	100%	100%	Woodpigeon	Germany
Tawny Owl	T15-024	<i>T. gallinae</i>	C/V/N	KX459474	100%	100%	Woodpigeon	Germany