

Galván, I., Aguilera, E., Atiénzar, F., Barba, E., Blanco, G., Cantó, J. L., Cortés, V., Frías, Ó., Kovács, I., Meléndez, L., Møller, A. P., Monrós, J. S., Pap, P. L., Piculo, R., Senar, J. C., Serrano, D., Tella, J. L., Vágási, C. I., Vögeli, M. and Jovani, R. 2012. Feather mites (Acari: Astigmata) and body condition of their avian hosts: a large correlative study. – *J. Avian Biol.* 43: 273–279.

Supplementary material

Appendix 1. Effect size, its corresponding p-value (with significant values marked in bold) and sample size (N) for the relationship between feather mite abundance and host body condition in the 83 species of birds used in the study. The mean and range of feather mite abundance, and the index of body size (wing or tarsus length) used in each species, are also indicated.

Species	Family	Effect size (r)	p-value	N	Mean	Range	Body size index
<i>Aegithalos caudatus</i> (Linnaeus, 1758)	Aegithalidae	-0.041	0.656	124	65.65	0-1,199	Tarsus
<i>Alauda arvensis</i> (Linnaeus, 1758)	Alaudidae	0.746	0.000	24	74.50	0-528	Wing
<i>Calandrella brachydactyla</i> (Leisler, 1814)	Alaudidae	-0.058	0.420	200	6.57	0-322	Wing
<i>Calandrella rufescens</i> (Vieillot, 1820)	Alaudidae	0.104	0.030	440	122.51	0-2,928	Wing
<i>Chersophilus duponti</i> (Vieillot, 1820)	Alaudidae	0.045	0.354	421	161.84	0-1,603	Wing
<i>Eremopterix nigriceps</i> (Gould, 1839)	Alaudidae	-0.074	0.772	19	28.58	1-150	Wing
<i>Galerida cristata</i> (Linnaeus, 1758)	Alaudidae	0.027	0.719	179	60.25	0-774	Wing
<i>Galerida theklae</i> (Brehm, 1857)	Alaudidae	-0.115	0.189	134	43.38	0-587	Wing
<i>Melanocorypha calandra</i> (Linnaeus, 1766)	Alaudidae	-0.223	0.390	19	113.89	0-731	Wing
<i>Certhia brachydactyla</i> (Brehm, 1820)	Certhiidae	0.236	0.054	69	5.13	0-217	Wing
<i>Cyanopica cooki</i> (Bonaparte, 1850)	Corvidae	0.070	0.708	32	2.03	0-14	Tarsus
<i>Emberiza calandra</i> (Linnaeus, 1758)	Emberizidae	-0.121	0.611	22	34.45	0-540	Wing
<i>Emberiza cirlus</i> (Linnaeus, 1766)	Emberizidae	0.181	0.312	35	167.83	0-1,100	Tarsus
<i>Emberiza citrinella</i> (Linnaeus, 1758)	Emberizidae	0.203	0.149	54	101.74	2-305	Wing
<i>Emberiza schoeniclus</i> (Linnaeus, 1758)	Emberizidae	0.258	0.000	261	58.24	0-460	Wing
<i>Bucanetes githagineus</i> (Lichtenstein, 1823)	Fringillidae	0.071	0.619	52	91.60	0-539	Wing
<i>Carduelis cannabina</i> (Linnaeus, 1758)	Fringillidae	0.048	0.198	715	87.92	0-750	Wing
<i>Carduelis carduelis</i> (Linnaeus, 1758)	Fringillidae	-0.087	0.349	120	23.93	0-239	Wing
<i>Carduelis chloris</i> (Linnaeus, 1758)	Fringillidae	-0.151	0.000	1,266	100.83	0-780	Tarsus
<i>Carduelis spinus</i> (Linnaeus, 1758)	Fringillidae	0.201	0.002	233	99.06	0-444	Wing
<i>Coccothraustes coccothraustes</i> (Linnaeus, 1758)	Fringillidae	0.167	0.317	40	17.50	0-143	Wing
<i>Fringilla coelebs</i> (Linnaeus, 1758)	Fringillidae	0.271	0.000	210	27.37	0-570	Wing
<i>Loxia curvirostra</i> (Linnaeus, 1758)	Fringillidae	0.385	0.036	32	93.47	0-545	Wing
<i>Serinus serinus</i> (Linnaeus, 1766)	Fringillidae	-0.110	0.006	624	145.27	0-1,689	Tarsus

<i>Delichon urbicum</i> (Linnaeus, 1758)	Hirundinidae	0.743	0.004	15	9.33	0-238	Wing
<i>Cecropis daurica</i> (Laxmann, 1769)	Hirundinidae	-0.095	0.605	34	4.29	0-87	Wing
<i>Hirundo rustica</i> (Linnaeus, 1758)	Hirundinidae	0.100	0.000	6,030	30.49	0-804	Wing
<i>Riparia riparia</i> (Linnaeus, 1758)	Hirundinidae	0.244	0.000	696	71.45	0-450	Wing
<i>Lanius collurio</i> (Linnaeus, 1758)	Laniidae	0.279	0.019	73	6.25	0-118	Tarsus
<i>Anthus berthelotii</i> (Bolle, 1862)	Motacillidae	0.053	0.628	86	46.27	0-284	Wing
<i>Anthus campestris</i> (Linnaeus, 1758)	Motacillidae	0.769	0.009	11	15.27	0-155	Wing
<i>Anthus spinoletta</i> (Linnaeus, 1758)	Motacillidae	0.213	0.001	248	30.95	0-408	Wing
<i>Anthus trivialis</i> (Linnaeus, 1758)	Motacillidae	-0.117	0.503	37	54.92	0-335	Tarsus
<i>Motacilla alba</i> (Linnaeus, 1758)	Motacillidae	0.256	0.028	76	54.76	0-460	Tarsus
<i>Ficedula hypoleuca</i> (Pallas, 1764)	Muscicapidae	0.118	0.048	282	10.66	0-509	Wing
<i>Muscicapa striata</i> (Pallas, 1764)	Muscicapidae	0.092	0.634	31	10.13	0-140	Tarsus
<i>Panurus biarmicus</i> (Linnaeus, 1758)	Paradoxornithidae	0.117	0.097	203	29.16	0-299	Wing
<i>Periparus ater</i> (Linnaeus, 1758)	Paridae	0.274	0.009	91	0.91	0-49	Wing
<i>Cyanistes caeruleus</i> (Linnaeus, 1758)	Paridae	0.014	0.850	186	61.41	0-878	Wing
<i>Parus major</i> (Linnaeus, 1758)	Paridae	0.004	0.922	519	13.58	0-224	Wing
<i>Poecile palustris</i> (Linnaeus, 1758)	Paridae	0.448	0.265	10	11.50	0-77	Tarsus
<i>Montifringilla nivalis</i> (Linnaeus, 1766)	Passeridae	0.808	0.001	13	13.08	0-50	Wing
<i>Passer domesticus</i> (Linnaeus, 1758)	Passeridae	-0.016	0.695	621	13.58	0-1,605	Wing
<i>Passer hispaniolensis</i> (Temminck, 1820)	Passeridae	0.004	0.942	335	43.36	0-415	Wing
<i>Passer montanus</i> (Linnaeus, 1758)	Passeridae	0.022	0.754	213	20.48	0-472	Wing
<i>Prunella collaris</i> (Scopoli, 1769)	Prunellidae	0.545	0.019	19	34.21	0-150	Wing
<i>Prunella modularis</i> (Linnaeus, 1758)	Prunellidae	0.059	0.622	73	45.07	0-379	Wing
<i>Regulus ignicapilla</i> (Temminck, 1820)	Regulidae	-0.003	0.982	63	88.35	0-1,424	Wing
<i>Remiz pendulinus</i> (Linnaeus, 1758)	Remizidae	0.069	0.581	68	11.40	0-250	Tarsus
<i>Sitta europaea</i> (Linnaeus, 1758)	Sittidae	0.393	0.096	21	50.19	0-606	Wing
<i>Sturnus unicolor</i> (Temminck, 1820)	Sturnidae	-0.143	0.325	51	13.76	0-126	Wing
<i>Sturnus vulgaris</i> (Linnaeus, 1758)	Sturnidae	-0.083	0.647	34	14.47	0-66	Wing
<i>Acrocephalus arundinaceus</i> (Linnaeus, 1758)	Sylviidae	0.055	0.647	75	94.19	0-770	Wing
<i>Acrocephalus melanopogon</i> (Temminck, 1823)	Sylviidae	0.233	0.352	20	180.00	1-441	Wing
<i>Acrocephalus palustris</i> (Bechstein, 1798)	Sylviidae	-0.092	0.552	45	2.42	0-55	Wing
<i>Acrocephalus schoenobaenus</i> (Linnaeus, 1758)	Sylviidae	-0.116	0.367	65	21.78	0-215	Tarsus
<i>Acrocephalus scirpaceus</i> (Hermann, 1804)	Sylviidae	0.048	0.273	534	2.88	0-112	Wing

<i>Cettia cetti</i> (Temminck, 1820)	Sylviidae	0.157	0.014	246	15.99	0-274	Tarsus
<i>Hippolais icterina</i> (Vielillot, 1817)	Sylviidae	0.406	0.244	11	4.91	0-29	Tarsus
<i>Hippolais polyglotta</i> (Vielillot, 1817)	Sylviidae	-0.107	0.316	91	20.68	0-447	Wing
<i>Locustella luscinioides</i> (Savi, 1824)	Sylviidae	-0.067	0.799	19	59.26	0-176	Wing
<i>Phylloscopus collybita</i> (Vieillot, 1817)	Sylviidae	0.025	0.586	473	1.19	0-83	Wing
<i>Phylloscopus sibilatrix</i> (Bechstein, 1793)	Sylviidae	0.331	0.269	15	2.00	0-30	Tarsus
<i>Phylloscopus trochilus</i> (Linnaeus, 1758)	Sylviidae	0.049	0.516	182	3.97	0-81	Wing
<i>Sylvia atricapilla</i> (Linnaeus, 1758)	Sylviidae	0.186	0.000	494	82.39	0-745	Wing
<i>Sylvia borin</i> (Boddaert, 1783)	Sylviidae	0.089	0.280	150	48.80	0-551	Wing
<i>Sylvia communis</i> (Latham, 1787)	Sylviidae	0.226	0.041	84	1.09	0-61	Wing
<i>Sylvia curruca</i> (Linnaeus, 1758)	Sylviidae	-0.212	0.113	59	19.46	0-173	Tarsus
<i>Sylvia melanocephala</i> (Gmelin, 1789)	Sylviidae	0.181	0.065	107	6.94	0-247	Tarsus
<i>Sylvia nisoria</i> (Bechstein, 1792)	Sylviidae	0.154	0.598	16	16.06	0-107	Wing
<i>Troglodytes troglodytes</i> (Linnaeus, 1758)	Troglodytidae	-0.093	0.558	44	8.02	0-180	Tarsus
<i>Erithacus rubecula</i> (Linnaeus, 1758)	Turdidae	0.077	0.048	660	20.10	0-234	Wing
<i>Luscinia luscinia</i> (Linnaeus, 1758)	Turdidae	0.319	0.018	57	62.24	0-769	Wing
<i>Luscinia megarhynchos</i> (Brehm, 1831)	Turdidae	0.088	0.298	143	18.69	0-430	Wing
<i>Luscinia svecica</i> (Linnaeus, 1758)	Turdidae	0.295	0.251	19	52.53	0-217	Wing
<i>Oenanthe oenanthe</i> (Linnaeus, 1758)	Turdidae	0.192	0.022	142	11.44	0-165	Wing
<i>Phoenicurus ochruros</i> (Gmelin, 1774)	Turdidae	0.183	0.006	227	20.68	0-260	Tarsus
<i>Phoenicurus phoenicurus</i> (Linnaeus, 1758)	Turdidae	-0.267	0.402	14	7.07	0-56	Tarsus
<i>Saxicola rubetra</i> (Linnaeus, 1758)	Turdidae	-0.244	0.497	12	9.25	0-46	Tarsus
<i>Saxicola torquatus</i> (Linnaeus, 1766)	Turdidae	-0.031	0.548	377	9.86	0-175	Tarsus
<i>Turdus merula</i> (Linnaeus, 1758)	Turdidae	-0.215	0.001	233	23.24	0-333	Tarsus
<i>Turdus philomelos</i> (Brehm, 1831)	Turdidae	-0.038	0.717	95	3.20	0-93	Tarsus
<i>Turdus viscivorus</i> (Linnaeus, 1758)	Turdidae	0.277	0.338	16	86.50	0-318	Tarsus