

Authors	Year	Rest of citation	Type of source	Quality			WoE Score	WoE Contribution	Section/paragraph/keyword + (Initials)	Comments
				Relevance	Validity	Reliability				
Anderson T	2006	Biology of the Ubiquitous House Sparrow. Oxford University Press.	Review	Low	Low	Low	3	Low	Section 6.2.3 house sparrows	
Aronsson M and Gamberale-Stille G	2021	Evidence of Signaling Benefits To Contrasting Internal Color Boundaries in Warning Coloration. Behavioral Ecology 24, 349-354. doi:10.1093/beheco/ars170	Research Article	High	Medium	Medium	7	High	Section 6.2.1 introduction	
Asher, L., Davies, GTO, Bertenshaw, CE, Cox, MAA, Bateson, M.	2009	The effects of cage volume and cage shape on the condition and behaviour of captive European starlings (Sturnus vulgaris). Applied Animal Behaviour Science 116(2-4), 286-294.	Research Article	High	Medium	Medium	7	High	Section 6.2.2 cage sizes	
Bateson, M.	2023	The European starling. Chapter 44 in The UFAW Handbook on the Care and Management of Laboratory and Other Research Animals (in press). Wiley-Blackwell, Bognor Regis, UK.	Review	High	High	High	9	High	Section 6.2.2 starlings	
Bateson, M., Feenders, G.	2010	The use of passerine bird species in laboratory research: Implications of basic biology for husbandry and welfare. ILAR Journal 51(4), 394-408.	Review	Medium	Medium	High	7	High	Section 6.2.1 introduction	
Bean, D., Mason, G.J., Bateson, M.	1999	Contrafreeloading in starlings: testing the information hypothesis. Behaviour (136), 1267-1282.	Research Article	Medium	High	High	8	High	Section 6.2.2. environmental stimulation	
Bedford, T., Oliver, C.J., Andrews, C., Bateson, M., Nettle, D.	2017	Effects of early life adversity and sex on dominance in European starlings. Animal Behaviour (128), 51-60.	Research Article	Medium	High	High	8	High	Section 6.2.2 group size	
Benichov, J.I., Globerson, E., Tchernichovski, O.	2016	Finding the beat: From socially coordinated vocalizations in songbirds to rhythmic entrainment in humans. Front Hum Neurosci. Jun 6;10:255. doi: 10.3389/fnhum.2016.00255.	Review	Medium	Medium	Medium	6	Medium	Section 6.2.1 introduction	
Boogert, N.J., Reader, S.M. and Laland, K.N.	2006	The relation between social rank, neophobia and individual learning in starlings. Animal Behaviour 72(6), 1229-1239.	Research Article	Medium	High	High	8	High	Section 6.2.2. group composition, enrichment	
Brirot, B.O., Asher, L., Bateson, M.	2009	Water bathing alters the speed-accuracy trade-off of escape flights in European starlings. Animal Behaviour 78(4), 801-807.	Research Article	Low	High	High	7	High	Section 6.2.2 environmental stimulation	
Brirot, B.O., Asher, L., Bateson, M.	2010	Stereotyping starlings are more 'pessimistic'. Anim Cogn. 13(5),721-731.	Research Article	Medium	High	High	8	High	Section 6.2.2 enclosure dimensions	
Brirot, B.O., Bateson, M.	2012	Water bathing alters threat perception in starlings. Biology Letters 8(3), 379-381.	Research Article	Medium	High	High	8	High	Section 6.2.2. enrichment	
Calisi, R.M., Diaz-Muñoz, SL, Wingfield, JC, Bentley, GE.	2011	Social and breeding status are associated with the expression of GnIH. Genes, Brain and Behavior 10(5), 557-564.	Research Article	Low	Low	Low	3	Low	Section 6.2.2. starlings breeding animals	
Council of Europe.	2003	Species-specific Provisions for Birds: Background Information for the Proposals presented by the Group of Experts on Birds Part B, revised by the Group of Experts. felasa.eu/Portals/0/Library/GT123(2003)_PART-B_Birds.pdf?ve=DHzvtDhOWSqtKWzStns1A%3d%3d	Review	High	Medium	Medium	7	High	Section 6.2.1 general housing conditions	
Dawson, A.	2007	Seasonality in a temperate zone bird can be entrained by near equatorial photoperiods. Proceedings of the Royal Society B: Biological Sciences 274(1610), 721-725.	Research Article	Medium	High	High	8	High	Section 6.2.2. light regime in captivity	
Ellis, J.W., Root, J.J., McCurdy, L.M., Bentler KT, Barrett NL, VanDalen KK, Dirsmith KL, Shriner SA.	2021	Avian influenza A virus susceptibility, infection, transmission, and antibody kinetics in European starlings. PLoS Pathog 17(8): e1009879. https://doi.org/10.1371/journal.ppat.1009879	Research Article	Low	High	High	7	High	Section 6.2.2 health and welfare	
European Commission.	2022	ALURES - Animal Use Reporting - EU System: EU Statistics Database on the Use of Animals for Scientific Purposes under Directive 2010/63/EU. https://ec.europa.eu/environment/chemicals/lab_animals/alures_en.htm	Other	Low	Medium	Medium	5	Medium	Section 6.2.1. Introduction, use of Passerine birds	
Evans, J.E., Cuthill, I.C., Bennett, A.T.D.	2006	The effect of flicker from fluorescent lights on mate choice in captive birds. Animal Behaviour 72(2), 393-400.	Research Article	Medium	High	High	8	High	Section 6.2.2. light regime in captivity	
Feare, C.	1984	The Starling. Oxford: Oxford University Press. Op cit Bateson (2023).	Other	Low	Low	Low	3	Low	Section 6.2.2 enclosures	
Feenders, G., Bateson, M.	2011	The development of stereotypic behavior in caged European starlings, Sturnus vulgaris. Developmental psychobiology 54(8), 773-784.	Research Article	High	High	High	9	High	Section 6.2.2 enclosures	
Fisher, J., and Hinde, R. A.	1949	The opening of milk bottles by birds. British Birds, 42, 34-357.	Review	Low	Medium	High	6	Medium	Section 6.2 enrichment, social learning	
Gautsch, S., Odermatt, P., Burnens, A.P.	2000	The role of starlings (Sturnus vulgaris) in the epidemiology of potentially human bacterial pathogens. Schweizer Archiv für Tierheilkunde 142, 165-172 (in German, op cit Bateson 2023).	Research Article	Low	Low	Low	3	Low	Section 6.2.2. health and welfare	
Gill, E.	1994	Environmental enrichment for captive starlings. Animal Technology 45, 89-93.	Review	High	Medium	High	8	High	Section 6.2.2. enrichment	
Girndt A, Cockburn G, Sanchez-Tojar A, Lovelie H, Schroeder J.	2017	Methods matter: experimental evidence for shorter avian sperm in faecal compared to abdominal massage samples. Plos ONE 12(8): e0182853. DOI: 10.1371/journal.pone.0182853	Research Article	High	High	High	9	High	Section 6.2.3 enclosures	
Girndt A, Chng CWT, Burke T, Schroeder J	2018	Male age is associated with extra-pair paternity, but not with extra-pair mating behaviour. Sci Rep. 8:8378. https://doi.org/10.1038/s41598-018-26649-1	Research Article	High	High	High	9	High	Section 6.2.3 enclosures	
Goldsmith, AR, Cuthill, IC, Greenwood, VJ, Smith EL	2005	Effect of repetitive visual stimuli on behaviour and plasma corticosterone of European starlings. Animal Biology 55(3), 245-258.	Research Article	Low	High	High	7	High	Section 6.2.2 environmental conditions	
Greenwood, V.J., Smith, EL, Cuthill, IC, Bennett, ATD, Goldsmith, AR, Griffiths, R.	2002	Do European starlings prefer light environments containing UV?. Animal Behaviour 64(6), 923-928.	Research Article	Low	High	High	7	High	Section 6.2.2. light regime in captivity	
Greenwood, V.J., Smith, EL, Goldsmith, AR, Cuthill, IC, Crisp, LH, Walter-Swan, MB, Bennett, ATD.	2004	Does the flicker frequency of fluorescent lighting affect the welfare of captive European starlings?. Applied Animal Behaviour Science 86(1-2), 145-159.	Research Article	Low	High	High	7	High	Section 6.2.2. light regime in captivity	
Halfwerk, W., van Oers, K.	2020	Anthropogenic noise impairs foraging for cryptic prey via cross-sensory interference. Proc Biol Sci. Apr 8;287(1924):20192951. doi: 10.1098/rspb.2019.2951. Epub 2020 Apr 8.	Research Article	Medium	Medium	High	7	High	6.2.1 introduction 6.2.4 environmental conditions	
Hanson, H.E., Mathews, N.S., Hauber, M.E., Martin, L.B.	2020	The house sparrow in the service of basic and applied biology. Elife. Apr 28;9:e52803. doi: 10.7554/eLife.52803.	Review	Low	High	High	7	High	Section 6.2.1 and 6.2.3 general biology	
Hawkins, P., Morton, D.B., Cameron, D., Cuthill, I., Francis, R., Freire, R., Gosler, A, Healy, S., Hudson, A., Inglis, I., Jones, A., Kirkwood, J., Lawton, M., Monaghan, P., Sherwin, C., Townsend, P.	2001	Laboratory birds: refinements in husbandry and procedures: Fifth report of the BVA(AWF)/FRAME/RSPCA/UFAW Joint Working Group on Refinement. Laboratory Animals 35 (Supplement 1).	Other	Medium	High	High	8	High	Section 6.2, all sections	
Holzinger-Umlauf, H. A-M., Marschang, R. E., Gravendyck, M., and Kaleta, E. F.	1997	Investigation on the frequency of Chlamydia sp. Infections in tits (Paridae). Avian Pathology, 26(4), 779-789.	Research Article	Low	High	Medium	6	Medium	Section 6.2.4 Healthcare	
Inglis, I.R., Ferguson, N.J.K.	1986	Starlings search for food rather than eat freely available identical food. Animal Behaviour 34, 614-617.	Research Article	Medium	High	High	8	High	Section 6.2.2 environmental stimulation	

Jayne, K., Feenders, G., Bateson, M.	2013	Effects of developmental history on the behavioural responses of European starlings (<i>Sturnus vulgaris</i>) to laboratory husbandry. <i>Animal Welfare</i> 22(1), 67-78.	Research Article	High	High	High	9	High	Section 6.2.2 breeding
Klimkiewicz MK, Fitcher AG.	1987	Longevity records of North American birds: Coerebinae through Estrilidae. <i>J. Field Ornithol.</i> 58(3):318-333.	Review	Medium	Medium	Medium	6	Medium	section 6.2.3 general biology
Krams, I., Cirule, D., Suraka, V., Krama, T., Rantala, M. J., & Ramey, G.	2010	Fattening strategies of wintering great tits support the optimal body mass hypothesis under conditions of extremely low ambient temperature. <i>Functional Ecology</i> , 24(1), 172–177	Research Article	Medium	Medium	Medium	6	Medium	Section 6.2.4 natural history
Lambrechts, M., and Perret, P.	2000	A long photoperiod overrides non-photoperiodic factors in blue tits' timing of reproduction. <i>PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES</i> , 267(1443), 585–588.	Research Article	Medium	Medium	Medium	6	Medium	Section 6.2.4 natural history
Lawson, B., Lachish, S., Colvile, K. M., Durrant, C., Peck, K. M., Toms, M. P., Sheldon, B. C., and Cunningham, A. A.	2012	Emergence of a Novel Avian Pox Disease in British Tit Species. <i>PLoS ONE</i> , 7(11), e40176.	Other	Medium	Medium	Medium	6	Medium	Section 6.2.4 Healthcare
Maddocks, S.A., Goldsmith, A.R., Cuthill, I.C.	2002	Behavioural and physiological effects of absence of ultraviolet wavelengths on European starlings <i>Sturnus vulgaris</i> . <i>Journal of Avian Biology</i> 33(1), 103–106.	Research Article	Medium	High	High	8	High	Section 6.2.2. light regime in captivity
Martínez del Río C.	1990	Dietary, Phylogenetic, and Ecological Correlates of Intestinal Sucrase and Maltase Activity in Birds. <i>Physiological and Biochemical Zoology</i> , 63, 987-1011.	Research Article	Low	Low	Medium	4	Medium	6.2.2 feeding and watering
Matheson, S.M., Asher, L., Bateson, M.	2008	Larger, enriched cages are associated with "optimistic" response biases in captive European starlings (<i>Sturnus vulgaris</i>). <i>Applied Animal Behaviour Science</i> 109(2–4), 374–383.	Research Article	High	High	High	9	High	Section 6.2.2. enrichment
Matsushima W, Brink K, Schroeder J, Miska E, Gapp K	2019	Mature sperm small RNA profile in the sparrow: implications for transgenerational effects of age on fitness. <i>Environmental Epigenetics</i> , 5, 1–11.	Research Article	Low	High	High	7	High	Section 6.2.3 enclosures
Naef-Daenzer, B., Widmer, F., & Nuber, M.	2001	Differential post-fledging survival of great and coal tits in relation to their condition and fledging date: Post-fledging survival of tits. <i>Journal of Animal Ecology</i> , 70(5), 730–738.	Research Article	High	Medium	Medium	7	High	Section 6.2.4 housing
Nakagawa S, Burke T.	2008	The mask of seniority? A neglected age indicator in house sparrows <i>Passer domesticus</i> . <i>J Avian Biol.</i> 39(2):222–225.	Research Article	Low	High	High	7	High	section 6.2.3 general biology
Nakagawa S, Pick JL.	2016	House sparrows. <i>Curr Biol.</i> 26(22):R1171–R1173.	Review	Low	High	High	7	High	section 6.2.3 general biology/habitat
Nephew, B.C., Romero, L.M.	2003	Behavioral, physiological, and endocrine responses of starlings to acute increases in density. <i>Hormones and Behavior</i> 44(3), 222–232.	Research Article	High	High	High	9	High	Section 6.2.2 enclosures
Nicholls, T.J., Goldsmith, A.R., Dawson, A.	1988	Photorefractoriness in birds and comparison with mammals. <i>Physiological Reviews</i> 68(1), 133–176.	Review	Low	Low	Low	3	Low	Section 6.2.2 environmental conditions
Perkins, L.E.L., Swayne, D.E.	2003	Varied pathogenicity of a Hong Kong-origin H5N1 avian influenza virus in four passerine species and budgerigars. <i>Veterinary Pathology</i> 40(1), 14–24.	Research Article	Low	Medium	Medium	5	Medium	Section 6.2.2 health
Plaza M, Burke T, Cox T, Flynn-Carroll A, Girndt A, Halford G, Martin DA, Sánchez-Fortún M, Sánchez-Tójar A, Somerville J, Schroeder J.	2020	Social network node-based metrics can function as proxies for animal personality traits. <i>J. Evol. Biol.</i> , 33(11):1634-1642.	Research Article	High	High	High	9	High	Section 6.2.3 enclosures
Polzin, B.J., Heimovics, S.A., Ritters, L.V.	2021	Immunolabeling provides evidence for subregions in the songbird nucleus accumbens and suggests a context-dependent role in song in male European starlings (<i>Sturnus vulgaris</i>). <i>Brain Behav Evol.</i> 96(3):147-162. doi: 10.1159/000521310. Epub 2021 Dec 8.	Research Article	Low	Low	Low	3	Low	Section 6.2.1 introduction
Sam K, Kovarova E, Freiberga I, Uthe H, Weinhold A, Jorge LR, Sreekar R.	2021	Great tits (<i>Parus major</i>) flexibly learn that herbivore-induced plant volatiles indicate prey location: An experimental evidence with two tree species. <i>Ecol Evol.</i> 11, 10917-10925. doi: 10.1002/ece3.7869. PMID: 34429890; PMCID: PMC8366880.	Research Article	Low	Low	Low	3	Low	Section 6.2.1 introduction
Saetre G-P, Riyahi S, Aliabadian M, Hermansen JS, Hogner S, Olsson U, Rojas MFG, Saether SA, Trier CN, Elgin TO.	2012	Single origin of human commensalism in the house sparrow: Human commensalism in the house sparrow. <i>J Evol Biol.</i> 25(4):788–796.	Research Article	Low	High	High	7	High	Section 6.2.3 general biology
Sánchez-Tójar A, Nakagawa S, Sánchez-Fortún M, Martin DA, Ramani S, Girndt A, Bökonyi V, Kempenaers B, Liker A, Westneat DF, Burke T, Schroeder J.	2018	Meta-analysis challenges a textbook example of status signalling and demonstrates publication bias. <i>Elife.</i> 7:e37385.	Meta-Analysis	Low	High	High	7	High	Section 6.2.3 general biology
Sánchez-Tójar A, Winney I, Girndt A, Simons MJP, Nakagawa S, Burke T, Schroeder J.	2017	Winter territory prospecting is associated with life-history stage but not activity in a passerine. <i>J Avian Biol.</i> 48(3):407–416.	Research Article	Medium	High	High	8	High	Section 6.2 general biology, enrichment
Schroeder J., Burke T, Mannarelli M-E, Dawson DA, Nakagawa S.	2012a	Maternal effects and heritability of annual productivity: Maternal effects of annual productivity. <i>J Evolution Biol.</i> 25(1):149–156.	Research Article	Medium	High	High	8	High	Section 6.2.3 general biology
Schroeder J, Cleasby I, Dugdale HL, Nakagawa S, Burke T.	2012b	Social and genetic benefits of parental investment suggest sex differences in selection pressures. <i>J Avian Biol.</i> 44(2):133–140.	Research Article	Medium	High	High	8	High	Section 6.2.3 general biology, breeding
Schroeder J, Nakagawa S, Cleasby IR, Burke T.	2012c	Passerine Birds Breeding under Chronic Noise Experience Reduced Fitness. Mappes T, editor. <i>Plos One.</i> 7(7):e39200. doi:10.1371/journal.pone.0039200. https://dx.plos.org/10.1371/journal.pone.0039200.	Research Article	High	High	High	9	High	Section 6.2.3 housing conditions, noise
Schroeder J, Simons M, Winney I, Hsu Y-H, Nakagawa S, Burke T	2016	Predictably philandering females prompt poor paternal provisioning. <i>The American Naturalist</i> , 188, 219–230.	Research Article	Medium	High	High	8	High	Section 6.2.3 general biology, parental care
Scott, G. W.	1993	Sexing members of a Scottish Blue Tit <i>Parus caeruleus</i> population in the hand during the winter months. <i>Ringed & Migration</i> , 14(2), 124–128.	Research Article	Low	High	High	7	High	Section 6.2.4. sex discrimination
Silverin, B., Wingfield, J., Stokkan, K., Massa, R., Jarvinen, A., Andersson, N., Lambrechts, M., Sorace, A., & Blomqvist, D.	2008	Ambient temperature effects on photo induced gonadal cycles and leihormonal secretion patterns in Great Tits from three different breeding latitudes. <i>HORMONES AND BEHAVIOR</i> , 54(1), 60–68.	Research Article	Medium	Medium	Medium	6	Medium	Section 6.2.4 natural history
Simons MJP, Winney I, Nakagawa S, Burke T, Schroeder J.	2015	Limited catching bias in a wild population of birds with near-complete census information. <i>Ecol. Evol.</i> 5, 3500–3506. 1	Research Article	Low	Medium	High	6	Medium	Section 6.2.3 supports results studies with wild animals
Smith, E.L., Evans, J.E.	2005	Myoclonus induced by cathode ray tube screens and low-frequency lighting in the European starling (<i>Sturnus vulgaris</i>). <i>Veterinary Record</i> 157, 148–150.	Research Article	Low	High	High	7	High	Section 6.2.2 environmental conditions
Smith, E.L., Greenwood, V.J., Goldsmith, A.R., and Cuthill, I.C.	2005	Effect of supplementary ultraviolet lighting on the behaviour and corticosterone levels of Japanese quail chicks. <i>Animal Welfare.</i> 14: 103-109 ISSN 0962-7286	Research Article	Medium	High	High	8	High	Section 6.2.2. light regime in captivity
Thorogood R, Kokko H, Mappes J.	2018	Social transmission of avoidance among predators facilitates the spread of novel prey. <i>Nat Ecol Evol.</i> 2, 254-261. doi: 10.1038/s41559-017-0418-x. Epub 2017 Dec 18. PMID: 29255302.	Research Article	Low	Low	Low	3	Low	Section 6.2.1 introduction Passerine birds
Tomotani B.M., Muijres, F.T., Johnston, B., van der Jeugd, H.P., Naguib, M.	2021	Great tits do not compensate over time for a radio-tag-induced reduction in escape-flight performance. <i>Ecol Evol.</i> Nov 12;11(23):16600-16617. doi: 10.1002/ece3.8240.	Research Article	Low	Low	Low	3	Low	Section 6.2.1 introduction Passerine birds

