

2025 APHA Staff Publications

Abbott AJ; Gardner BL; Hardy H; Vaux AGC; Johnston CJ; Wilson R; Edwards AC; Yardley J; FOLLY AJ; Medlock JM (2025)

Evidence of much wider distribution of the potential West Nile virus vector, *Culex modestus*, in the UK.

Parasites and Vectors 18 (1) article no. 482

<https://doi.org/10.1186/s13071-025-06936-3>

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Adetunji V O; DAVIES A; CHISNALL T; Ndahi M G; Fagbamila IO; Ekeng E; Adebisi I; Falodun OI; CARD RM (2025)

Genomic diversity and antibiotic resistance of *Escherichia coli* and *Salmonella* from poultry farms in Oyo State, Nigeria.

Microorganisms 13 (6) 1174

<https://doi.org/10.3390/microorganisms13061174>

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Albalawi W; Thomas J; Mughal F; Kotsiri A; ROPER KJ; Alshehri A; Kelbrick M; Pollakis G; Paxton WA (2025)

SARS-CoV-2 S, M, and E structural glycoproteins differentially modulate endoplasmic reticulum stress responses.

International Journal of Molecular Sciences 26 (3) 1047

<https://doi.org/10.3390/ijms26031047>

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Albery GF; Becker DJ; Firth JA; De Moor D; Ravindran S; Silk M; Sweeny AR; Vander Wal E; Webber Q; Allen B; Babayan SA; Barve S; Begon M; Birtles RJ; Block TA; Block BA; Bradley JE; Budischak S; Buesching C; Burthe SJ; Carlisle AB; Caselle JE; Cattuto C; Chaine AS; Chapple TK; Cheney BJ; Clutton-Brock T; Collier M; Curnick DJ; DELAHAY RJ; Farine DR; Fenton A; Ferretti F; Feyrer L; Fielding H; Froughirad V; Frere C; Gerdner MG; Geffen E; Godfrey SS; Graham AL; Hammond PS; Henrich M; Heurich M; Hopwood P; Ilany A; Jackson JA; Jackson N; Jacoby DMP; Jacoby A-M; Jezek M; Kirkpatrick L; Klamm A; Klarevas-Irby JA; Knowles S; Koren L; Krzyszczyk E; Kusch JM; Lambin X; Lane JE; Leirs H; Leu ST; Lyon BE; Macdonald DW; Madsen AE; Mann J; Manser M; Marien J; Massawe A; McDonald RA; Morelle K; Mourier J; Newman C; Nussear K; Nyaguthii B; Ogino M; Ozella L; Packer C; Papastamatiou YP; Paterson S; Payne E; Pedersen AB; Pemberton JM; Pinter-Wollman N; Planes S; Raulo A; Rodriguez-Munoz R; Rudd L; Sabuni C; Sah P; Schallert RJ; Sheldon BC; Shizuka D; Sih A; Sinn DL; Sluydts V; Spiegel O; Telfer S; Thomason CA; Tickler DM; Tregenza T; VanderWaal K; Walmsley S; Walters EL; Wanelik KM; Whitehead H; Wielhus E; Wilson-Aggarwal J; Wohlfeil C; Bansal S (2025)

Density-dependent network structuring within and across wild animal systems.

Nature Ecology and Evolution 9 (11) 2002-2013

<https://doi.org/10.1038/s41559-025-02843-z>

APAA TT; JONES BP; Blanchard AM; JOHNSON N (2025)

Draft genomes of two contemporary strains of *Babesia divergens*.

Microbiology Resource Announcements 14 (1) e00898-24

<https://doi.org/10.1128/mra.00898-24>

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APAA TT; Oke PO; Shima FK; Fidelis GA; Dunham S; Tarlinton R (2025)
Canine ticks, tick-borne pathogens and associated risk factors in Nigeria.
Pathogens 14 (12) 1271
<https://doi.org/10.3390/pathogens14121271>
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Disease surveillance in England and Wales, December 2024.
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<https://doi.org/10.1002/vetr.5187>
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Veterinary Record 196 (9) 348-352
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Veterinary Record 196 (11) 425-429
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Veterinary Record 197 (1) 22-26
<https://doi.org/10.1002/vetr.5742>
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Veterinary Record 197 (5) 189-194

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<https://doi.org/10.1002/vetr.70017>

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Uncovering the viral aetiology of undiagnosed acute febrile illness in Uganda using metagenomic sequencing.

Nature Communications 16 (1) article no. 2844

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Atkinson PW; Balmer DE; BANYARD AC; Duggan J; FALCHIERI M; Frost TM; Humphreys EM; Jones R; Langlois Lopez S; Miles W T S; Murphy M; Owens R; Pearce-Higgins JW; REID SM; Smith C; Tremlett CJ (2025)

Evaluating the use of carcass and testing data to assess the high pathogenicity avian influenza (HPAI) related mortality in wild birds in the United Kingdom.

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Detection of clade 2.3.4.4b H5N1 high pathogenicity avian influenza virus in a sheep in Great Britain, 2025.

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Gastrointestinal and hepatic parasite diseases in deer.

Deer Veterinary Medicine, Foster AP (ed.); John Wiley & Sons Ltd; chapter 19, 235-244

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In: Red Squirrel Conservation: Strategies and Science 2025, Shuttleworth CM (ed.);

Robinson N (ed.); Sheehy E (ed.); Red Squirrels Trust Wales, chapter 3, 31-40

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South Georgia: the first documented outbreak in the subantarctic region.

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Sociality and kinship constrain the free-mixing of pathogens in a wild mammal host population.**

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**BHAT S; KARUNAKARAN S; FROSSARD J-P; CHOUDHURY B; STEINBACK F (2025)
Genetic characterization of equine arteritis virus associated with outbreaks in the UK, 2019.**

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Phylogenetic analysis of pigeon paramyxovirus type 1 detected in the British Isles between 1983 and 2023.

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