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| **Minor Award Name** | **Animal Welfare** |
| **Minor Award Code** | **5N0753** |
| **Level** | **5** |

**Suggested resources to support delivery:**

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| **Theme/Topic** | **Type** | **Relevance** | **Author/Source** | **Web Link** |
| Animal Welfare in Ireland | Book | This book focuses on issues facing animals throughout Ireland. It will be a useful aid for anyone wanting to know more on Irish industries regarding animals and can be used as a guide and reference point for those studying Animal Care Courses | Hannah Flew | <https://animalcarecourse.ie/> |
| Processes of evolution leading to species diversification and global distribution | Web link | Details the processes through which evolution occurs. | University of California Museum of Paleontology, Berkeley | <http://evolution.berkeley.edu/evolibrary/article/evo_14> |
| Web link | Documentary detailing how Darwin came up with his theory of evolution through natural selection. | David Attenborough | <http://www.dailymotion.com/video/xsxubk_charles-darwin-and-the-tree-of-life-david-attenborough_shortfilms> |
| Process of domestication | Book | A Natural History of Domesticated Animals  2nd edition | Juliet Clutton-Brock | <https://www.amazon.co.uk/Natural-History-Domesticated-Mammals/dp/0521634954/ref=sr_1_1?ie=UTF8&qid=1475850318&sr=8-1&keywords=A+Natural+History+of+Domesticated+Animals> |
| PDF of book chapter | Book chapter entitled ‘Pathways to Domestication’. Details the process of domestication, the characteristics of the animals selected and the changes in their brains, behaviour and genetics. | Melinda A. Zeder | <http://anthropology.si.edu/archaeobio/cm/Zeder%20Geptsetal%202012.pdf> |
| Feeding domestic and captive animals | Web link | Nutrition Toolkit that includes body condition score charts, feeding guides for hospitalised animals and feeding information for owners | World Small Animal Veterinary Association (WSAVA) | <http://www.wsava.org/nutrition-toolkit> |
| Web link | Website of the Pet Food Manufacturers’ Association. Information on pet care and pet food ingredients. | Pet Food Manufacturers’ Association | <http://www.pfma.org.uk/> |
| Enclosure design for domestic, exotic and wild captive animals | Web link | Link to advice pages on rabbit housing. | RSPCA | <http://www.rspca.org.uk/adviceandwelfare/pets/rabbits/environment> |
| Web link | Advice on the correct housing, temperature, humidity and lighting for pet reptiles. Also includes information on diet. | Roger J. Klingenberg  (Merck Vet Manual) | <http://www.merckvetmanual.com/pethealth/exotic_pets/reptiles/providing_a_home_for_a_reptile.html> |
| Web link | Includes information on farm animal housing, farm buildings etc. | Teagasc | <https://www.teagasc.ie/rural-economy/farm-management/farm-buildings/animal-housing/> |
| Web link | Gallery of zoo animals exhibits from around the world | Zoolex Zoo Design Organisation | <http://www.zoolex.org/> |
| Web link | List of Association of Zoos & Aquariums’ Animal Care Manuals which detail enclosure size, barrier types, substrates, water features etc. | Association of Zoos & Aquariums | <https://www.aza.org/animal-care-manuals/> |
| Healthcare plans for variety of domestic animals | Book chapter | Chapter 9 of The Complete Textbook of Animal Health and Welfare.  Details factors to consider when choosing a pet, common diseases and parasites | Jane Williams | <http://www.easons.com/p-4009866-the-complete-textbook-of-animal-health-welfare.aspx> |
| Web link | Detailed information on cat care, health, life stages, behaviour and breeds. | International Cat Care | <http://icatcare.org/advice> |
| Web link | Factsheets on dog behaviour, training, safety and breeds. | Dogs Trust | <https://www.dogstrust.ie/help-advice/factsheets-downloads/> |
| Handling animals | Book chapter | Chapter 1 of Veterinary Nursing textbook (3rd edition).  Contains information on canine and feline body language and facial expression, handling and restraint methods and equipment use. | D.R. Lane & B. Cooper (eds) | <http://www.abebooks.com/servlet/BookDetailsPL?bi=17397210828&searchurl=sortby%3D17%26an%3DLane%2BBSc%2528Vet%2BSci%2529%2B%2BFRCVS%2B%2BFRAgS%252C%2BDenis%2BRichard> |
| Web link | Discusses the various vocalisations cats use in addition to information on their body language and facial expressions. | The Humane Society of the United States | <http://www.humanesociety.org/animals/cats/tips/cat_communication.html> |
| Web link | Tutorial guide to handling small mammals | AHWLA (Assessing the Health and Welfare of Laboratory Animals),  Newcastle University | <http://www.ahwla.org.uk/site/tutorials/BVA/BVA01-Title.html> |
| Signs of health & ill health | Web link | Information on skin problems, digestive disorders, allergies, diseases etc. in cats and dogs. | Hill’s Pet Care | <http://www.hillspet.com/en/us/pet-care-center/healthcare> |
| Web link | Website of vet Bairbre O’Malley who specialises in exotic animals. Contains information health and husbandry of cats, dogs, rabbits, ferrets, birds, rodents and reptiles. | Bairbre O’Malley | <http://www.veterinary.ie/go/pet_care_notes> |
| Animal first aid | Web link | Basic first aid for dogs. | Blue Cross | <https://www.bluecross.org.uk/pet-advice/basic-first-aid-dogs> |
| Web link | Information on common poisons affecting pets. | DSPCA | <http://www.dspca.ie/index.jsp?p=158&n=235&a=135> |
| Personal health & safety | Web link | Information on common zoonotic diseases in Ireland, risks and prevention. | National Zoonoses Committee of Ireland | <http://www.zoonoses.ie/public/default.aspx> |
| Irish law and local authority regulations | Web link | Detailed Frequently Asked Questions on Dog microchipping. | Department of Agriculture, Food and the Marine (DAFM) | <https://www.agriculture.gov.ie/media/migration/animalhealthwelfare/dogmicrochipping/FAQdogmicrochipping040516.pdf> |
| Web link | Details of *ex-gratia* funding provided annually to Irish animal welfare organisations by the DAFM. | (DAFM) | <https://www.agriculture.gov.ie/animalhealthwelfare/animalwelfare/fundingtoanimalwelfareorganisations/> |
| Web link | Contains Animal Welfare Guidelines/Codes of Practice for laying hens, pigs, beef cattle, broiler chickens, sheep, dairy cows, horses, ponies and donkeys. | Farm Animal Welfare Council | <http://www.fawac.ie/publications/animalwelfareguidelines/> |
| Web link | Website of Irish Statute Book which lists all Irish legislation. | Irish Statue Book | <http://www.irishstatutebook.ie/> |
| Web link | Lists some links to Irish Animal Welfare Legislation. | DSPCA | <http://www.dspca.ie/AnimalWelfareLegislation> |
| Web link | Information on Dog Control in Ireland including dog licenses, dog fouling and relevant legislation. | Department of Housing, Planning, Community and Local Government | <http://www.housing.gov.ie/local-government/community-services/dog-control/dog-control> |
| Ethical and responsible breeding of captive and domestic animals | Web link | Dog control statistics which includes information on the number of dogs surrendered, seized, reclaimed, rehomed and euthanized in Irish pounds annually. | Department of Housing, Planning, Community and Local Government | <http://www.housing.gov.ie/search/archived/current/sub-type/dog-control/type/statistics?query> |
| Web link | Contains information on common genetic problems in cats, dogs, rabbits, guinea pigs, horses, birds and fish. | Universities Federation for Animal Welfare | <http://www.ufaw.org.uk/genetic-welfare-problems-intro/genetic-welfare-problems-of-companion-animals-intro> |
| Role of zoos, wildlife parks, circuses and other animal collections | Web link | Article about the role of zoos in conservation and education. | Michael Gross | <http://ac.els-cdn.com/S0960982215005382/1-s2.0-S0960982215005382-main.pdf?_tid=80419206-4da2-11e6-8180-00000aacb360&acdnat=1468927281_1cd6898acd4275b34cb42d1eeee537f0> |
| Web link to PDF | Article entitled ‘Misconceptions about zoos’ which details 20 common points of conflict in relation to the keeping of animals in zoos. | Brian Bertram | <http://aboutzoos.info/images/stories/files/misconceptions_about_zoos.pdf> |
| Web link | Information on conservation, education and research in zoos. Also animal care and management and climate change. | British & Irish Association of Zoos and Aquariums (BIAZA) | <http://www.biaza.org.uk/> |
| Web link | Information on use of animals in Irish circuses | Captive Animals Protection Society (CAPS) | <http://www.irishcircuses.org/ringofcruelty2> |
| Controversial animal related subjects, e.g. | Web link | Scientific report by the Farm Animal Welfare Council on the ‘Welfare Aspects of the Slaughter of Fur Producing Animals in Ireland. | Farm Animal Welfare Council | <http://www.fawac.ie/publications/scientificreports/> |
| Fur Farming | Web link | Summary of Fur Farming in Ireland | Compassion in World Farming | <http://www.ciwf.ie/farminfo/farmfacts_fur.html> |
| Puppy Farming | Web link | Eight-minute segment from RTE’s Ear to the Ground programme about puppy farming in Ireland. | Ear to the Ground | <https://www.youtube.com/watch?v=akKoolN44ZE> |
| Web link | BBC Panorama documentary ‘Britain’s Puppy Dealers Exposed’ detailing trade in puppies between Ireland and Britain. | BBC Panorama | <https://www.youtube.com/watch?v=7rmg-tMXbLU> |
| Animal testing | Web link | Information on the numbers and types of animals used in vivisection in Ireland | Irish Anti-Vivisection Society | <http://www.irishantivivisection.org/> |
| Web link | Current practices in the use of animals in research | National Centre for the Replacement, Refinement and Reduction of Animals in Research | <http://www.nc3rs.org.uk/the-3rs> |
| Useful books | Book | BSAVA Manual of Practical Animal Care | Paula Hotson Moore & Alan Hughes (eds) |  |
| Animal Biology and Care | Sue Dallas |  |
| The Complete Textbook of Animal Health and Welfare | Jane Williams (ed) |  |
| Companion Animal Nutrition | Nicola Ackerman |  |

**Useful Organisations:**

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| **Name** | **Contact Information** |
| Irish Society for the Prevention of Cruelty to Animals | <http://www.ispca.ie/> |
| Dublin Society for the Prevention of Cruelty to Animals | <http://www.dspca.ie/> |
| Royal Society for the Prevention of Cruelty to Animals | <http://www.rspca.org.uk/home> |
| National Geographic | <http://news.nationalgeographic.com/> |
| International Fund for Animal Welfare | <http://www.ifaw.org/united-states> |
| Universities Federation for Animal Welfare | <http://www.ufaw.org.uk/> |
| The Dogs Trust | <https://www.dogstrust.ie/> |
| The Irish Blue Cross | [**http://www.bluecross.ie/**](http://www.bluecross.ie/) |

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| **MOOCs (Massive Online Open Courses)** | |
| Free access to online courses  Search regularly for new courses and new start dates | <https://www.mooc-list.com/> |