

Zoo Licence

ZO0006

Zoo Licensing Act 1981

East Devon District Council has granted this licence in accordance with the **Zoo Licensing Act 1981**. This licence authorises the licence holder(s) to keep a Zoo at the premises identified within this document subject to the standard conditions and where relevant the additional conditions accompanying or attached to this licence.

DURATION OF LICENCE

Commences: 06/11/2014

Expires: 05/11/2018

NAME & ADDRESS OF LICENCE HOLDER

Matthew Carter

C/O FWS Carter and Sons Ltd, Greendale Business Park, Farringdon, Devon, EX5 1EW.

PREMISES ADDRESS

Greendale Farm Shop

Sidmouth Road Farringdon EXETER Devon EX5 2JU

SIGNED ON BEHALF OF THE ISSUING LICENSING AUTHORITY



ANDREW ELLIS

Environmental Health and Parking Services Manager



ADDITIONAL CONDITIONS ATTACHED TO THE

Zoo Licence

ZO0006

Additional conditions attached to the licence following the Periodic Inspection dated 22 April 2016. Please note that all conditions have timescales for implementation from the date of the Periodic Inspection.

Note: The term 'Standards' refers to the Secretary of State's Standards of Modern Zoo Practice (2012) in the following conditions:

1. Whilst it is noted that the collection is undertaking a review of Health and Safety working practices on the site with an external provider, the collection must, as per the Standards, Appendix 6, review and assess the risk of animal-public interaction and ensure steps are taken to mitigate injury or other risk, this being documented in an appropriately formatted risk assessment to the satisfaction of the local authority (3 months).
2. As per Appendix 6.12, 6.13, section 5.8, 8.43 and 8.44 of the Standards prominent signs must warn visitors not to feed animals (not just the ostrich), highlight the risk of animal bites (or pecks), for visitors to wash their hands if they come into contact with the animals and for visitors not to smoke in the animal areas (3 months).
3. In accordance with section 8.49 of the Standards, where used and where the public can come into contact with them, electric fences must have safety signs highlighting that the fence is an electric fence. These must be placed at regular intervals to the satisfaction of the local authority (1 month).
4. As per section 6.9 of the Standards the collection must have adequate hand-washing and sanitising facilities close to the contact point between stock and visitors, this must consist of warm water and soap and preferably be situated where the zoo meets the car park, close to the exit of the footpath OR stand off barriers are installed in all paddocks to prevent direct access and contact between the public and the animals (1 month).
5. As per section 8.3 of the Standards a documented zoonotic disease review and risk assessment must be undertaken that includes, at a minimum, training of all relevant staff in what zoonoses are, specific zoonotic risks on the site, mitigation strategies for staff and visitors and policies for steps to be taken to prevent zoonotic disease occurring on site, what to do if zoonotic disease is suspected, zoonotic disease surveillance, and quarantine and import policies to prevent (or reduce) the risk of zoonoses entering the collection. This must be submitted to, and be to the satisfaction of, the local authority, within 3 months.
6. In accordance with Appendix 8.6.1, 8.6.3 and section 3.25 the waterfowl enclosure must be made predator, especially fox, proof to mitigate any further deaths (immediate).
7. In accordance with section 2.9 special attention must be given to the management and appropriate cleaning of enclosures, particularly the Shetland pony paddock which still had emu faeces within (despite the bird having moved several weeks before). When moving animals into new paddocks particular attention must be paid to picking up the faeces of the current species housed within before the new species is put in to the paddock (ongoing).
8. The zoo must undertake a documented review of the perimeter boundary (or lack of one) to ensure compliance with section 8.29 and 8.30 of the Standards. This should include consideration of prevention of unauthorised entry (particularly out of hours) and how to minimise the risk of the ratites potentially escaping from their paddock and then having direct access to Sidmouth Road (2 months).
9. The collection, in accordance with section 10.1 and 10.4, must develop a series of safe systems of work and policies that outline the animal care provided within the zoo for each individual species to ensure consistency and compliance with the Standards at all times (3 months).
10. In accordance with section 10.1, 10.3, and 10.5 of the Standards a documented system of training, including a record that training has been carried out for each member of staff, must be developed to ensure consistency in animal care and compliance with the Standards at all times, including consideration for holiday, sickness and other absences. This is especially so when staff with minimal animal experience are providing care for the animals e.g. the security team. This training policy and strategy must be submitted to the satisfaction of the local authority (6 months).
11. The zoo must provide a list of all staff authorised to work with the animals, together with their lines of responsibility and levels of expertise, training and qualifications demonstrating compliance with Section 10.1, 10.2. and 10.3 (1 month).

ADDITIONAL CONDITIONS ATTACHED TO THE
Zoo Licence ZO0006

12. A daily diary or similar method of daily record must be developed and maintained to ensure compliance with section 3.3 of the Standards (immediate).
13. Animal records must be kept and maintained for individually recognisable animals and groups of animals within the zoo to the satisfaction of the local authority and must include the information outlined in section 9 of the Standards (3 months).
14. In accordance with section 3.7 of the Standards a documented, comprehensive programme of preventative and curative veterinary health care must be produced that includes policy on the elements outlined in section 3.9 of the Standards; specifically outlining post mortem examination policy (section 3.15), clinicopathological data review (section 3.12), animal health record keeping (section 3.11), and quarantine and isolation procedures and policy (section 3.19 to 3.27). This must include input from the collection's veterinarian and be submitted to the satisfaction of the local authority within 6 months.
15. The Animal Inventory must be resubmitted to include all of the animals found within the zoo site, not just the ostrich, in the correct format as outlined in section 9.5 and 9.6 of the standards, preferably with the animals listed in taxonomic order (1 month) and then maintained and submitted annually prior to April 1st (ongoing - see standard conditions).
16. Stand-off barriers must be installed to prevent contact with Category 1 hazardous animals as per section 8.24 (1 month).
17. The zoo must produce a documented escape policy, in accordance with section 8.31, 8.33, 8.34 and 8.36, to the satisfaction of the local authority that includes, but is not limited to, the elements outlined in sections 8.29 to 8.40 of the Standards. This must include specific consideration of what to do if a ratite escapes on to the Sidmouth Road (1 month).
18. The zoo must undertake at least four escape drills per year, these must be recorded and regularly reviewed with failures or risks identified from the drills being transposed into the updated escape policy. Two of these drills must be the escape of a category 1 hazardous animal (first drill within 1 month, remaining within 12 months).
19. The zoo must produce a written conservation strategy that outlines how it will meet the conservation requirements of the Zoo Licencing Act (1981) and its subsequent amendments as set out in Appendix 3 of the Standards. This must include clarification of any existing conservation programmes, including the woodland schemes, and a programme of annual review and documentation of conservation actions taken in the preceding year. The initial strategy and review of 2015 must be completed within six months.
20. In compliance with section 7.9 of the Standards the zoo must develop a written education strategy and an active education programme to the satisfaction of the local authority (6 months).
21. The zoo must review the animal signage for all species held on the zoo to ensure that the signage presented is consistent with the requirements outlined in Section 7.11 of the Standards (6 months).
22. In accordance with Section 7.14 and Appendix 2 the zoo must develop a documented ethical review process and, at a minimum, have two minuted meetings per year of the ethics committee/group. The review process document must be produced within 6 months to the satisfaction of the local authority.
23. The current Zoo Licensing Act licence or a copy of it, including the conditions, must be displayed at the entrance of the zoo, the main cash desk in the shop is considered acceptable (immediate).



Inspection Report

Date of inspection: 22/04/2016 Date report completed: 23/04/2016

Name of applicant or current licence holder: Matthew Carter

Name and address of zoo: Greendale Farm Shop
Sidmouth Road
Farringdon
Exeter, Devon
Postcode: EX5 2JU

Tel no: 01395 232836 Licence Number: ZO0006

Date of last formal inspection: 15/10/2014 Type of last formal inspection: New licence insp

Timing of next formal inspection: Early 2018 (before May) Type of next formal inspection: Licence (renewal)

Type of inspection Statutory composition of inspection team Please tick appropriate box

Section 10 Periodical: 2 Defra/Welsh Government nominees; 1 LA vet; option of up to 2 more from LA .. ☐

Section 11 Special: Any number of competent LA authorised appointees ☐

Section 14(1)(b) dispensation renewal under section 6(1A)(a) (where a direction has been made that section 10 shall not apply):
Defra/Welsh Government nominee/s..... ☐

Section 14(2) dispensation Periodical:
Defra/Welsh Government nominee/s..... ☒

For a licence inspection (Section 4(1A)(b)) and a significant change inspection (Section 9A(8)) please use the inspection form at Appendix 11A of the Standards.

Name and designation of Inspector(s)	Name of zoo representative(s)

When this form has been completed and signed the original must be sent to the local authority. If the zoo is owned by the local authority, the local authority must send a copy of the completed form to Defra where the zoo is situated in England or to the Welsh Government, where the zoo is situated in Wales.

Findings at inspection

Guidance note: Where possible a Yes, No or Not Applicable (N/A) answer should be given. Where not all criteria are met for a particular question, comments and clarification should be made indicating where any deficits occur. If appropriate, means of correction or improvement should be included as Conditions or Recommendations under 'Additional conditions' or 'Additional space' towards the end of the form.

1. Provision of food and water	Marking Yes No N/A	Comments/clarification
Section 1A(c)(ii) ZLA 1981:		
1.1. Are animals provided with a high standard of nutrition?	N/A	Unsure - food looked reasonable but no members of animal care team available and no written diet sheets or diet records available - see conditions.
1.2. Is food and drink that is supplied appropriate for the species/individual?	N/A	Again unable to comment - see 1.1. See conditions.
1.3. Are supplies of food and water:		
(a) kept hygienically?	Yes	Water supplied appeared of reasonable quality.
(b) prepared hygienically?	Yes	Food preparation areas were simple hoppers but no animal care team available for inspection.
(c) supplied to the animal hygienically?	No	Food left open in the back of a transit van, appeared small number of standard rations and few troughs or feed bowls available, see conditions.
1.4. Has natural feeding behaviour been adequately considered to ensure that all animals have access to food and drink?	Yes	
1.5. Are feeding methods safe for staff and animals?	Yes	But no risk assessments, safe systems of work or similar for staff entry into animal areas including with cat 1/2 animals. See rec.
1.6. Is feeding by visitors permitted?	No	But note visitors seen to feed goats crisps - direct access possible over paddock fences with no supervision. See conditions.
(a) if 'yes', is it properly controlled?	N/A	
2. Provision of suitable environment		
Section 1A(c)(i) ZLA 1981:		
2.1. Are the animals provided with an environment well adapted to meet the physical, psychological and social needs of the species to which they belong?	Yes	
2.2. Are the following environmental parameters appropriate:		
(a) temperature?	Yes	But see 2.4
(b) ventilation?	Yes	
(c) lighting?	Yes	
(d) noise levels?	Yes	
(e) any other environmental parameters?	Yes	

3. Provision of animal health care (contd.)	Marking Yes No N/A	Comments/clarification
Veterinary care Section 1A(c)(II) ZLA 1981: 3.9. Are the animals provided with a documented and maintained programme of preventative and curative veterinary care and nutrition?	No	Whilst there was verbal mention of visits and preventative medicine elements such as worming there was no knowledge or demonstrable evidence of a written preventative and curative veterinary health care programme nor a strategic health care programme for the animals. The health of the animals was noted to be good with no visual concerns noted. See conditions.
3.10. Is there a system for the regular review of clinical and pathological records?	No	
3.11. Are appropriate veterinary records kept?	No	Collection representatives believed no animal records, none shown during inspection.
3.12. Are medicines kept and disposed of correctly?	N/A	Not assessed as none on zoo site
3.13. Are controlled drugs used and recorded satisfactorily?	N/A	Not assessed as none on zoo site
3.14. Are appropriate antidotes available?	N/A	Not assessed as none on zoo site
3.15. Are <i>post mortem</i> examination arrangements satisfactory?	No	No arrangements nor policy - see conditions
Isolation and containment 3.16. Is adequate reserve accommodation available for isolation of animals for: (a) assessment?	No	No isolation nor containment facilities on the zoo site but reference made to isolation pens in the adjacent farm - suggested likely would be moved there if needed. Adjacent farm not assessed as not considered the zoo site nor suitable to review considering biosecurity requirements of the adjacent farm.
(b) treatment?	No	
(c) recovery?	No	
(d) quarantine (where required)?	No	
Sanitation and control of disease Section 1A(e) ZLA 1981: 3.17. Are satisfactory measures in place to prevent the intrusion of pests and vermin into the zoo premises?	Yes	External documented process, records shown and regular and effective control in place.
3.18. Does it appear that general sanitation and pest control are effective?	Yes	

7. Conservation, education and research	Marking Yes No N/A	Comments/clarification
Section 1A(a) ZLA 1981: 7.1. Is the zoo participating in at least one of the following: (i) research from which conservation benefits accrue to species of wild animals?	No	The zoo's conservation delivery was described as involvement in 'Woodland Schemes' - the details of which were not clear and the annual contribution also unknown. Possible set aside or replanting programme. Advised expansion and clarification needed and more details with annual reviews for guests, website and zoo inspectors would be useful. See conditions.
(ii) training in relevant conservation skills?	No	
(iii) the exchange of information relating to the conservation of species of wild animals?	No	
iv) where appropriate, breeding of wild animals in captivity?	No	
(v) where appropriate, the repopulation of an area with, or the reintroduction into the wild of, wild animals?	Yes	
Section 1A(b) ZLA 1981: 7.2. Is the zoo promoting public education and awareness in relation to the conservation of biodiversity, in particular by providing information about the species of wild animals kept in the zoo and their natural habitats?	No	No education strategy nor programme. Single informative sign with regards to the ostrich ('Oscar') but missing some of the mandatory information such as conservation status. See conditions.
7.3. Where appropriate are animals managed in a way consistent with the conservation needs of the species, (such as exchange between zoos, accommodation to encourage natural behaviour and breeding etc)?	No	
7.4. Are on-site education facilities adequate for the resources of the collection?	N/A	No education facilities but need is questioned. Site is small and education focus initially should consider signage and passive educational delivery. See conditions.
7.5. Are the conservation efforts adequate for the resources of the collection?	No	Unknown as the level of conservation efforts was not clear, was not documented and no evidence provided as part of the PIA nor inspection. See conditions.
7.6. Are the research efforts adequate for the resources of the collection?	N/A	None undertaken
7.7. Is captive breeding properly managed?	N/A	No breeding presently, nor planned.

9. Records	Marking Yes No N/A	Comments/clarification
Section 1A(f) ZLA 1981:		
9.1. Are there up-to-date records of the zoo's collection, including records of:		Belief was that the zoo licence inspection referred only to the lone ostrich and not the whole zoo collection. As such no documentation available for the inspection. Whilst acknowledged there are components of records there are no day books nor other typical animal records as expected to meet the standards. See conditions.
(i) the numbers of different animals?	No	
(ii) acquisitions, births, deaths, disposals and escapes of animals?	No	
(iii) the causes of any such deaths?	No	
(iv) the health of the animals?	No	
9.2. Are daily diaries maintained, and do they contain appropriate information?	N/A	No daily diaries - see conditions
9.3. Are animal stock records clear and up-to-date?	No	Format wrong and only ostrich on the list despite total estimated 19 other animals plus additional approx 300 chickens. See cond.
9.4. Are annual stock records completed in the correct format and submitted to the local authority?	No	See 9.3
9.5. Are animal source and destination records kept?	Yes	None shown but in discussion believed to be present.
9.6. Are archived records secure?	No	No records to archive.
10. Miscellaneous		
10.1. Do staff numbers and training of staff appear adequate?	No	No training and non-animal staff (security) provide cover for one a week.
10.2. Is the management structure and organisation of staff adequate to ensure compliance with the Standards at all times?	No	Zoo representatives not aware of standards and line management not present at inspection nor were animal care staff. As unaware of standards and mandatory conditions the duty of care and compliance to the ZLA needs review. See conditions.
10.3. Are effective risk assessments carried out where appropriate?	No	None available, although HS Policy in place dated 1st Jan 2016
10.4. Has an ethical review process been established and implemented?	No	See conditions
10.5. Are public toilet facilities adequate and serviced?	Yes	But only one male and one female toilet for approx 150,000 visitors to the shop/cafe/zoo.
10.6. Are parking facilities adequate?	Yes	
10.7. Is a First Aid policy and accident reporting and recording system in place?	Yes	

Additional space

The following space is provided for:

- additional notes and comments on the answers to the earlier questions
- recommendations (other than in respect of grant or refusal of a licence and any specific conditions recommended for a licence) including those based on comments already made to earlier questions
- any general remarks which the inspecting team may wish to record

The inspection team would like to thank Greendale Farm for their hospitality and openness during the inspection. The inspectors recognise that Greendale Farm is not a typical zoo and that it is primarily operated as an extension to the farm shop itself. However the inspectors highlighted that the current animal collection is considered a zoo under the legislative definition and as such must meet the requirements of the mandatory elements of the ZLA (1981) and associated standards. The inspectors felt that there was a complete lack of understanding of the relevance, importance and requirements of the ZLA and the steps required for the zoo to be compliant. This raised grave concerns with the inspection team. The biggest concern being that the representatives for the zoo were a member of the accounts team and the shop manager, with no animal care team being made available and the representatives had no knowledge of the existence of the SSSMZP (2012) nor the requirements found within. In addition the collection believed, and had submitted documents to the effect, that the zoo licence only referred to the single ostrich and not the other animals on the zoo site. The inspection team believe that the collection is more than capable of achieving the requirements set out in the standards but it does need to undertake a thorough review of their responsibilities and quickly develop the relevant documentation, procedures and policy required under the ZLA and Standards.

This lack of knowledge is reflected in the number of conditions and recommendations in this inspection report. It is noted that the large number of conditions does not reflect concerns by the inspectors of the operation or culture of the collection, simply a lack of understanding of the requirements of the Act. This has been clarified and the collection made aware of the need for compliance and the responsibility to meet, at a minimum, the mandatory elements of the SSSMZP (2012) and the ZLA (1981). The alternative of simply removing the 'wild species' was discussed and if this were to occur then the collection would no longer be considered a 'zoo' and the licence must be surrendered with the focus shifting back to domestic species only. The importance of the pre-inspection audit and the supplementary information was also discussed as was having appropriate staff available on the day of inspection. This is discussed in the preamble to this report also.

Recommendations

Note: recommendations are considered best practice but do not form part of the licence conditions.

1. It is recommended that the collection undertake a thorough review of staff operation and interaction when working with animals, particularly hazardous category one and two animals as defined in the SSSMZP (2012) and when working as lone workers as there are currently no risk assessments that outline animal working practices according to the zoo representatives on the day of inspection.
2. It is recommended that an ethical review, following development of the ethical review process (see conditions), be undertaken considering and addressing the social needs of herd species that are kept as single, individual animals or small herd sizes (e.g. two individuals) and steps that can be taken to improve welfare if required.
3. It is recommended that the pre-inspection audit be filled in by the staff with direct responsibility for the elements in the document and that appropriate, relevant supplementary documentation is attached where required as this will reduce inspection time on the day.
4. It is recommended that the goats (and sheep if not done) are tagged in compliance with the current legislation that came into effect in January 2008 (reference EC Council Regulation 21/2004) e.g. the pygmy goats have ear tags but the inspection team was informed that they are not on the goats but came with them on the movement paperwork. Note the collection is not balai approved and as such must comply with this legislation.
5. It is recommended that the vets submit their continuing professional development (CPD) records as part of the pre-inspection audit submission.
6. It is recommended that the collection thoroughly review the Zoo Licencing Act (1981) and its subsequent amendments, the Secretary of State's Standards of Modern Zoo Practice (2012) and the ZLA (1981) Guide to the Act's provisions to ensure that they fully understand the expectations of a zoo under the Act, OR alternatively they consider removal of the 'wild animals' from the collection (namely emu, ostrich and red deer) to an off show area where only a Dangerous Wild Animal Licence would be required for the ostrich and the collection would no longer be considered a zoo with only animals considered domestic species on show.

Inspecting team's recommendation to the local authority

Additional Conditions (if appropriate) (continued from page 12)

6. In accordance with section 8.49 of the Standards, where used and where the public can come into contact with them, electric fences must have safety signs highlighting that the fence is an electric fence. These must be placed at regular intervals to the satisfaction of the local authority (1 month).
7. As per section 6.9 of the Standards the collection must have adequate hand-washing and sanitising facilities close to the contact point between stock and visitors, this must consist of warm water and soap and preferably be situated where the zoo meets the car park, close to the exit of the footpath OR stand off barriers are installed in all paddocks to prevent direct access and contact between the public and the animals (1 month).
8. As per section 8.3 of the Standards a documented zoonotic disease review and risk assessment must be undertaken that includes, at a minimum, training of all relevant staff in what zoonoses are, specific zoonotic risks on the site, mitigation strategies for staff and visitors and policies for steps to be taken to prevent zoonotic disease occurring on site, what to do if zoonotic disease is suspected, zoonotic disease surveillance, and quarantine and import policies to prevent (or reduce) the risk of zoonoses entering the collection. This must be submitted to, and be to the satisfaction of, the local authority, within 3 months.
9. In accordance with Appendix 8.6.1, 8.6.3 and section 3.25 the waterfowl enclosure must be made predator, especially fox, proof to mitigate any further deaths (immediate).
10. In accordance with section 2.9 special attention must be given to the management and appropriate cleaning of enclosures, particularly the Shelland pony paddock which still had emu faeces within (despite the bird having moved several weeks before). When moving animals into new paddocks particular attention must be paid to picking up the faeces of the current species housed within before the new species is put in to the paddock (ongoing).
11. The zoo must undertake a documented review of the perimeter boundary (or lack of one) to ensure compliance with section 8.29 and 8.30 of the Standards. This should include consideration of prevention of unauthorised entry (particularly out of hours) and how to minimise the risk of the ratites potentially escaping from their paddock and then having direct access to Sidmouth Road (2 months).
12. In accordance with Section 8.6 of the Standards all gates and doors to enclosures must be securely locked so as to prevent unauthorised opening (immediate).
13. In accordance with section 8.7 all barriers must be designed, constructed and maintained so as to avoid escape. All old gates and sections of fence that do not form part of the barrier must be removed to prevent them being used as a climbing structure and aid in escape (as well as injury to the animals) (immediate).
14. The red deer gate used as a wall in the manger must be secured appropriately at both ends to prevent injury to the animals if it were to fall on them (immediate).
15. The collection, in accordance with section 10.1 and 10.4, must develop a series of safe systems of work and policies that outline the animal care provided within the zoo for each individual species to ensure consistency and compliance with the Standards at all times (3 months).
16. In accordance with section 10.1, 10.3, and 10.5 of the Standards a documented system of training, including a record that training has been carried out for each member of staff, must be developed to ensure consistency in animal care and compliance with the Standards at all times, including consideration for holiday, sickness and other absences. This is especially so when staff with minimal animal experience are providing care for the animals e.g. the security team. This training policy and strategy must be submitted to the satisfaction of the local authority (6 months).
17. The zoo must provide a list of all staff authorised to work with the animals, together with their lines of responsibility and levels of expertise, training and qualifications demonstrating compliance with Section 10.1, 10.2. and 10.3 (1 month).
18. A daily diary or similar method of daily record must be developed and maintained to ensure compliance with section 3.3 of the Standards (immediate).
19. Animal records must be kept and maintained for individually recognisable animals and groups of animals within the zoo to the satisfaction of the local authority and must include the information outlined in section 9 of the Standards (3 months).
20. In accordance with section 3.7 of the Standards a documented, comprehensive programme of preventative and curative veterinary health care must be produced that includes policy on the elements outlined in section 3.9 of the Standards; specifically outlining post mortem examination policy (section 3.15), clinicopathological data review (section 3.12), animal health record keeping (section 3.11), and quarantine and isolation procedures and policy (section 3.19 to 3.27). This must include input from the collection's veterinarian and be submitted to the satisfaction of the local authority within 6 months.
21. The Animal Inventory must be resubmitted to include all of the animals found within the zoo site, not just the ostrich, in the correct format as outlined in section 9.5 and 9.6 of the standards, preferably with the animals listed in taxonomic order (1 month) and then maintained and submitted annually prior to April 1st (ongoing – see standard conditions).

Continues on page 12c

Inspection Report

Date of inspection:12/10/2018

Date report completed:15/10/2018

Name of applicant or current licence holder:

Mathew Carter

Name and address of zoo:

Greendale Farm Shop
Sidmouth Road
Farringdon

Postcode: EX5 2JU

Tel no:

01395 232836

Licence Number:

ZO0006

Date of last formal inspection:

22/4/16

Type of last formal inspection:

Periodical

Timing of next formal inspection:

October 2021

Type of next formal inspection:

Periodical

Type of inspection

Statutory composition of inspection team

Please tick appropriate box

Section 10 Periodical:

2 Defra/Welsh Government nominees; 1 LA vet; option of up to 2 more from LA ..

☐

Section 11 Special:

Any number of competent LA authorised appointees

☐

Section 14(1)(b) dispensation renewal under section 6(1A)(a) (where a direction has been made that section 10 shall not apply):

Defra/Welsh Government nominee/s.....

☐

Section 14(2) dispensation Periodical:

Defra/Welsh Government nominee/s.....

☒

For a licence inspection (Section 4(1A)(b)) and a significant change inspection (Section 9A(8)) please use the inspection form at Appendix 11A of the Standards.

Name and designation of inspector(s)	Name of zoo representative(s)

When this form has been completed and signed the original must be sent to the local authority.
If the zoo is owned by the local authority, the local authority must send a copy of the completed form to Defra where the zoo is situated in England or to the Welsh Government, where the zoo is situated in Wales.

Preamble to inspectors' report

Information and guidance about the Zoo Licensing Act 1981 (ZLA) is available at
<https://www.gov.uk/government/policies/protecting-biodiversity-and-ecosystems-at-home-and-abroad/supporting-pages/species-protection> and
<http://wales.gov.uk/topics/environmentcountryside/ahw/zoos/?lang=en>

Preamble to inspectors' report*, including any comments about the current dispensation status, if applicable.

Greendale Farm Shop is not a typical zoo but a well established farm shop with a small collection of animals. The collection consists of mainly domestic species but also has an ostrich and 2 red deer and for this reason a zoo licence is required. The collection is free to enter and not staffed. Visitors to the farm shop are able to walk the small square and see the animals. There are no animal encounter sessions but visitors can buy corn to feed to the commercial free range egg laying chicken flock.

The correct system of formal and informal inspections takes place and there have been no escapes of any non-native species since the last periodic inspection. The current dispensation status of 14.2 is still valid.

*this might include general background about the zoo (type of collection, size etc) and any relevant information or comments from the pre-inspection audit

Findings at inspection

Guidance note: Where possible a Yes, No or Not Applicable (N/A) answer should be given. Where not all criteria are met for a particular question, comments and clarification should be made indicating where any deficits occur. If appropriate, means of correction or improvement should be included as Conditions or Recommendations under 'Additional conditions' or 'Additional space' towards the end of the form.

1. Provision of food and water	Marking Yes No N/A	Comments/clarification
Section 1A(c)(ii) ZLA 1981:		
1.1. Are animals provided with a high standard of nutrition?	Yes	
1.2. Is food and drink that is supplied appropriate for the species/individual?	Yes	
1.3. Are supplies of food and water: (a) kept hygienically?	Yes	But pig water trough adjacent to wallow.See recommendations
(b) prepared hygienically?	Yes	
(c) supplied to the animal hygienically?	Yes	
1.4. Has natural feeding behaviour been adequately considered to ensure that all animals have access to food and drink?	Yes	
1.5. Are feeding methods safe for staff and animals?	Yes	
1.6. Is feeding by visitors permitted?	Yes	Chicken food sold to public in farm shop.
(a) if 'yes', is it properly controlled?	Yes	
2. Provision of suitable environment		
Section 1A(c)(i) ZLA 1981:		
2.1. Are the animals provided with an environment well adapted to meet the physical, psychological and social needs of the species to which they belong?	Yes	But ostrich single animal in paddock and displayed signs of boredom on day of inspection.See recommendations.
2.2. Are the following environmental parameters appropriate: (a) temperature?	Yes	Feather clagging reported on ostrich wings during wetter winter months; possible to mitigate this with either use of woodchips on the muddy walkway or periodic moving of the stand off barrier allowing regrowth of the walkway.
(b) ventilation?	Yes	
(c) lighting?	Yes	
(d) noise levels?	Yes	
(e) any other environmental parameters?	Yes	

2. Provision of suitable environment (contd.)	Marking Yes No N/A	Comments/clarification
2.3. Are there satisfactory measures in place to safely confine the animals?	Yes	
2.4. Do animal enclosures have sufficient shelter and refuge areas?	Yes	
2.5. Do animal enclosures provide sufficient space?	Yes	
2.6. Are backup facilities for life support systems adequate?	N/A	
2.7. Is the cleaning of the accommodation satisfactory?	Yes	
2.8. Is the standard of maintenance adequate for: (a) the buildings?	Yes	Chicken wire lining goat fence paddock damaged, see conditions.
(b) the fences?	No	
2.9. Is all drainage effective and safe?	Yes	
3. Provision of animal health care		
Section 1A(c)(ii) ZLA 1981:		
3.1. Are the animals provided with a high standard of animal husbandry?	Yes	
3.2. Do animals on display to the public appear in good health?	Yes	But llama displayed carpal varus, see conditions and recommendations.
3.3. Are observations of condition and health made and recorded?	Yes	
3.4. Do animals receive prompt and appropriate attention when problems are noted?	Yes	
3.5. Are enclosures designed and operated in such a way that social interaction problems are avoided?	Yes	
On-site facilities		
3.6. Are catch-up and restraint facilities adequate?	No	No facilities for restraint of ostrich or deer.
3.7. Is darting equipment satisfactory?	N/A	
3.8. Are on-site veterinary facilities adequate?	No	None available except isolation pens an adjacent farm.

3. Provision of animal health care (contd.)	Marking Yes No N/A	Comments/clarification
Veterinary care Section 1A(c)(ii) ZLA 1981: 3.9. Are the animals provided with a documented and maintained programme of preventative and curative veterinary care and nutrition?	No	See conditions.
3.10. Is there a system for the regular review of clinical and pathological records?	No	See recommendations.
3.11. Are appropriate veterinary records kept?	Yes	But not entered onto animals individual records, see conditions.
3.12. Are medicines kept and disposed of correctly?	N/A	No medicines kept.
3.13. Are controlled drugs used and recorded satisfactorily?	N/A	
3.14. Are appropriate antidotes available?	N/A	
3.15. Are <i>post mortem</i> examination arrangements satisfactory?	No	No post mortems carried out, see conditions.
Isolation and containment 3.16. Is adequate reserve accommodation available for isolation of animals for: (a) assessment?	Yes	Spare paddock by Highland cattle could be used and off site boxes at adjacent farm.
(b) treatment?	Yes	
(c) recovery?	Yes	
(d) quarantine (where required)?	Yes	
Sanitation and control of disease Section 1A(e) ZLA 1981: 3.17. Are satisfactory measures in place to prevent the intrusion of pests and vermin into the zoo premises?	Yes	
3.18. Does it appear that general sanitation and pest control are effective?	Yes	But some litter present in ostrich paddock, see recommendations.

4. Provision of an opportunity to express most normal behaviour	Marking Yes No N/A	Comments/clarification
4.1. Do the accommodation and management regimes encourage normal behaviour patterns and minimise any abnormal behaviour, taking into account current enrichment and husbandry guidelines?	No	See recommendation with regard to ostrich enrichment.
4.2. Are animals of social species normally maintained in compatible social groups?	Yes	
5. Provision of protection from fear and distress		
5.1. Are the animals handled only by or under the supervision of appropriately experienced staff?	Yes	
5.2. Is physical contact between animals and the public consistent with the animals' welfare?	Yes	
5.3. Are interactions between the animals such that they are not excessively stressful?	Yes	
6. Transportation and movement of live animals		
6.1. Can the zoo demonstrate a knowledge of, and compliance with, the regulations covering transportation of animals, and provide copies of certificates to show compliance when transportation has occurred?	Yes	
6.2. Can the zoo demonstrate that:	Yes	
i) transport and movement equipment is in good order?		
ii) facilities suitable for lifting, crating and transportation of all the types of animals kept within the zoo to destinations both inside and outside the zoo are readily available?	Yes	
iii) catching and transportation techniques take account of the animal's temperament and escape behaviour in order to minimise injury, damage and distress?	Yes	
iv) adequate provision is made for the animal's and the public's safety and well-being while the animal is being transported or kept away from the zoo?	Yes	

7. Conservation, education and research	Marking Yes No N/A	Comments/clarification
Section 1A(a) ZLA 1981: 7.1. Is the zoo participating in at least one of the following: (i) research from which conservation benefits accrue to species of wild animals?	No	Minimal conservation efforts made by the collection other than the Woodland Scheme on the farm estate.
(ii) training in relevant conservation skills?	No	
(iii) the exchange of information relating to the conservation of species of wild animals?	No	
iv) where appropriate, breeding of wild animals in captivity?	No	
(v) where appropriate, the repopulation of an area with, or the reintroduction into the wild of, wild animals?	No	
Section 1A(b) ZLA 1981: 7.2. Is the zoo promoting public education and awareness in relation to the conservation of biodiversity, in particular by providing information about the species of wild animals kept in the zoo and their natural habitats?	Yes	
7.3. Where appropriate are animals managed in a way consistent with the conservation needs of the species, (such as exchange between zoos, accommodation to encourage natural behaviour and breeding etc)?	Yes	
7.4. Are on-site education facilities adequate for the resources of the collection?	Yes	Minimal education but quiz sheets for younger visitors being developed.
7.5. Are the conservation efforts adequate for the resources of the collection?	No	See conditions.
7.6. Are the research efforts adequate for the resources of the collection?	No	No research carried out.
7.7. Is captive breeding properly managed?	Yes	No breeding within collection.

8. Public safety	Marking Yes No N/A	Comments/clarification
Section 1A(d) ZLA 1981:		
8.1. Are there satisfactory measures in place to prevent the escape of animals?	Yes	
8.2. Are there satisfactory measures in place to be taken in the event of any escape or unauthorised release of animals?	Yes	
8.3. Are escape drills carried out four times a year, recorded and regularly reviewed (at least two drills should include the escape of a Category 1 animal where present)?	Yes	But minimal reporting with regard to success or failures of the drills, see recommendations.
8.4. Will the perimeter deter unauthorised entry and aid the confinement of zoo stock?	Yes	
8.5. Do stand-off barriers appear adequate?	No	The electric fence stand off at the ostrich did not appear to be live on the day of inspection.
8.6. Are adequate warning signs provided?	Yes	
8.7. Are prohibited areas appropriately signed?	Yes	
8.8. Are exits clearly marked and accessible?	Select	
8.9. Do public areas, walkways and buildings appear safe?	Yes	
8.10. Are trees regularly inspected and appropriate remedial action taken?	N/A	No trees around animal collection.
8.11. Have appropriate risk assessments for direct contact by the public with animals been carried out?	Yes	All risk assessments must be reviewed annually, see conditions.
8.12. Are the special safety requirements for walk-through or drive-through exhibits adequately met?	N/A	

9. Records	Marking Yes No N/A	Comments/clarification
Section 1A(f) ZLA 1981:		
9.1. Are there up-to-date records of the zoo's collection, including records of:		
(i) the numbers of different animals?	Yes	
(ii) acquisitions, births, deaths, disposals and escapes of animals?	Yes	
(iii) the causes of any such deaths?	No	No PM reports
(iv) the health of the animals?	Yes	
9.2. Are daily diaries maintained, and do they contain appropriate information?	Yes	
9.3. Are animal stock records clear and up-to-date?	Yes	
9.4. Are annual stock records completed in the correct format and submitted to the local authority?	Yes	
9.5. Are animal source and destination records kept?	Yes	
9.6. Are archived records secure?	No	
10. Miscellaneous		
10.1. Do staff numbers and training of staff appear adequate?	Yes	
10.2. Is the management structure and organisation of staff adequate to ensure compliance with the Standards at all times?	Yes	
10.3. Are effective risk assessments carried out where appropriate?	Yes	
10.4. Has an ethical review process been established and implemented?	Yes	
10.5. Are public toilet facilities adequate and serviced?	Yes	
10.6. Are parking facilities adequate?	Yes	
10.7. Is a First Aid policy and accident reporting and recording system in place?	Yes	

11. Associated legislation	Marking Yes No N/A	Comments/clarification
11.1. Is electrical equipment routinely serviced?	Yes	
11.2. Have fire precautions been agreed and implemented?	Yes	
11.3. Is refuse and clinical waste disposed of correctly?	Yes	
11.4. Are the required needs of disabled visitors met?	Yes	
12. Compliance check including licence conditions		
12.1. Is the current licence or a copy on public display at each public entrance?	Yes	But conditions need to be displayed as well.
12.2. Is adequate Public Liability Insurance current?	Yes	
12.3. Have any Additional licence conditions been met?	No	All conditions from the last inspection had been met except for the requirement for a conservation policy

Additional space

The following space is provided for:

- additional notes and comments on the answers to the earlier questions
- recommendations (other than in respect of grant or refusal of a licence and any specific conditions recommended for a licence) including those based on comments already made to earlier questions
- any general remarks which the inspecting team may wish to record

Recommendations

1. Consider re-siting the pig water trough away from the self made wallow.
2. Carry out an ethical review with regard to the ostrich living alone with a view to improving his environmental enrichment.
3. The review of clinical and pathological records could be incorporated into an ethics meeting.
4. Consider putting up signage about the llama with the chronic foreleg condition.
5. Encourage staff to carry out daily litter picking when attending to their animal duties.
6. Elaborate on the escape drill reports feedback information including recommendations for future improvement.
7. Review efficacy of the electric fence stand off in the ostrich paddock.

Inspecting team's recommendation to the local authority

Having inspected (name of zoo) Greendale Farm Shop

on: 12th October 2018

the inspecting team make the following recommendation: Please tick appropriate box

- it is recommended that a licence be refused..... ☐
- It is recommended that the above collection be licensed in accordance with the ZLA 1981 subject to the conservation measures in section 1A ☐
- it is recommended that the above collection be licensed in accordance with the ZLA 1981 subject to the conservation measures in section 1A and the following Additional Conditions (N.B Additional Conditions must be clearly worded so as to be enforceable and a timescale applied for compliance) ☐
- it is recommended that the following alterations be made to the above collection's licence conditions ☒

Additional Conditions (if appropriate)

1. Damaged chicken wire on the goat pen fence must be removed or replaced (1 month).
2. Veterinary Health Care programme must be completed. This plan to include Post Mortem policy and also llama leg management plan (3 month).
3. All health observations and treatments must be recorded on individual animal records (1 month).
4. A conservation policy needs formulation and delivery with dissemination of the policy to the public (6 months).
5. All risk assessments must be reviewed, dated and signed annually (1 month).
6. The signage for handwashing must be altered to advise anyone in contact with animals to use the handwashing facilities provided. The hand sanitisers should be removed (1 month).
7. A 5 year development plan to be written (6 month).

Inspector

Date signed

22/10/18

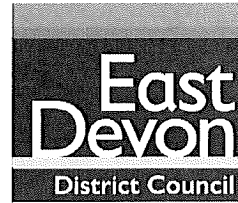
The Data Protection Act 1998 – Fair Processing Notice

The purpose of this Fair Processing Notice is to inform you of the use that will be made of your personal data, as required by the Data Protection Act 1998.

The local authority in England (or in Wales as the case may be) is the data controller in respect of any personal data that you provide when you complete this zoo inspection form. The information that you provide may be used by the local authority in its consideration of issuing or amending a zoo licence in accordance with the Zoo Licensing Act 1981 (ZLA). The local authority may be required to release information, including personal data and commercial information, on request under the Environmental Information Regulations 2004 (EIRs) or the Freedom of Information Act 2000 (FOIA). However, local authorities will not permit any unwarranted breach of confidentiality nor act in contravention of their obligations under the Data Protection Act 1998 (DPA).

Where the zoo, to which this inspection report applies, is owned by the local authority, the local authority must send a copy of the completed form to Defra (in accordance with section 13(2) of the ZLA) where the zoo is situated in England, or to the Welsh Government where the zoo is situated in Wales. Defra or the Welsh Government (as the case may be) may use the information contained in the form to ensure that local authorities are carrying out their duties correctly in accordance with the ZLA.

Defra and the Welsh Government are also subject to the EIRs and the FOIA and so may be required to release information, including personal data and commercial information, on request. However, as above, Defra and the Welsh Government will not permit any unwarranted breach of confidentiality nor act in contravention of their obligations under the DPA.



East Devon District Council
Knowle, Sidmouth EX10 8HL
Tel: 01395 517457
environmentalhealth@eastdevon.gov.uk

ZOO LICENCE Zoo Licensing Act 1981	18/00034/ZOO
East Devon District Council has granted this licence in accordance with the Zoo Licensing Act 1981 . This licence authorises the licence holder(s) to keep a Zoo at the premises identified within this document subject to the standard conditions and where relevant the additional conditions attached to this licence.	
Duration of Licence Commences: 09/11/2018 Expires: 07/11/2024	
Name of Licence Holder Matthew Carter C/O FWS Carter and Sons Ltd Greendale Business Park Farringdon Devon EX5 1EW	
Premises Address Greendale Farm Shop Sidmouth Road Farringdon Exeter EX5 2JU	
Signed on behalf of the Issuing Licensing Authority <div></div>	
Service Lead Environmental Health and Car Parks	

**ADDITIONAL AND CONSERVATION CONDITIONS ATTACHED TO
LICENCE NO. 18/00034/ZOO**

The following works must be completed within the time frames set below:

- Damaged chicken wire on the goat pen fence must be removed or replaced (1 month)
- Veterinary Health Care programme must be completed. This plan to include Post Mortem policy and also llama leg management plan (3 months)
- All health observations and treatments must be recorded on individual animal records (1 month)
- A conservation policy needs formulation and delivery with dissemination of the policy to the public (6 months)
- All risk assessments must be reviewed, dated and signed annually (1 month)
- The signage for handwashing must be altered to advise anyone in contact with animals to use the handwashing facilities provided. The hand sanitisers should be removed (1 month)
- A 5 year development plan to be written (6 month)

Recommendations

- Consider re-siting the pig water trough away from the self made wallow
- Carry out an ethical review with regard to the ostrich living alone with a view to improving his environmental enrichment.
- The review of clinical and pathological records could be incorporated into an ethics meeting
- Consider putting up signage about the llama with the chronic foreleg condition
- Encourage staff to carry out daily litter picking when attending to their animal duties
- Elaborate on the escape drill reports feedback information including recommendations for future improvement
- Review efficacy of the electric fence stand off in the ostrich paddock

COMMON NAME	SCIENTIFIC NAME	EEP / INV	SSSMZP risk cat.	IUCN	CITES	Start totals	SUBMITTED TOTALS As of 31/12/16			Arrived		Born			Neonatal death			Death			Departed			CURRENT TOTALS As of 31/12/17			Current totals		
							M	F	Unk	M	F	M	F	Unk	M	F	Unk	M	F	Unk	M	F	Unk						
BIRDS																													
Struthioniformes																													
Ducks	<i>Anas platyrhyncha domesticus</i>		3			7	0	0	7														0	0	7	7			
Geese	<i>Anserinae</i>		3			4	0	0	4														0	0	4	4			
Ostrich	<i>Struthio camelus</i>		1			1	1	0	0														1	0	0	1			
Emu	<i>Dromaius novaehollandiae</i>		2			1	0	1	0														0	1	0	1			
Chickens	<i>Gallus gallus domesticus</i>		3			300	0	300	0		7000							2000				300		0	5000	0	5000		
						0	0	0	0														0	0	0	0			
TOTAL Bird species:						5																				4			
TOTAL Birds:						313	1	301	11		0	7000	0	0	0		0	0	0	0	2000	0	0	300	0	1	5001	11	5013

MAMMALS																							
Diprotodontia																							
Red Deer	<i>Cerus elaphus</i>	1	2	0	2	0								0	2	0	2						
Oxford Sandy and Black Pigs	<i>Sus scrofa domesticus</i>	3	2	0	0	2								0	0	2	2						
Kunekune Pigs	<i>Sus scrofa domesticus</i>	3	2	0	0	2								0	0	2	2						
Shetland Ponies	<i>Equuscab allus</i>	3	2	2	0	0								1	0	0	1						
Pygmy Goats	<i>Capra aegarus hircus</i>	3	3	2	1	0	3	3			1			4	4	0	8						
Saanen Goat	<i>Capra aegarus hircus</i>	3	2	1	1	0								1	1	0	2						
Sheep	<i>Ovis aries</i>	3	5	5	0	0	4	8					9	8	0	0	0						
Alpaca	<i>Vicugna pacos</i>	3	1	0	0	1								0	0	0	1						
Dartmoor Pony	<i>Equus ferus caballus</i>	3		0	0	0								0	1	0	1						
Cow	<i>Bos taurus</i>		0	0	0	0		2						0	0	0	0						
			0	0	0	0								0	0	0	0						
TOTAL Mammal species:			8														8						
TOTAL Mammal:			19	10	4	5	7	14	0	0	0	0	0	1	0	0	10	10	0	6	8	5	19

TOTAL Mammals	19	10	4	5	6	8	5	19
TOTAL Animals	332	11	305	16	7	5009	16	5032
TOTAL Animal species	13							12

Total number of arrivals in 2017	7021	7	7014	
Total number of births in 2017	0		0	0
Total number of neonatal deaths in 2017	0			0
Total number of deaths (>30 days old) in 2017	2001			1
Total number of animals departed (live) in 2017	320			10
Acquisitions minus dispositions =	4700			31/12/17

Sense check: 5032

	Total number of species		
Taxa	Start of year	Across the year	End of the year
Invertebrates	0	0	0
Fish	0	0	0
Amphibians	0	0	0
Reptiles	0	0	0
Birds	5	4	4
Mammals	8	10	8
Total	13	14	12

Invasive species in collection 31st December 2017		Total	M.F.UNK
Red-eared slider	<i>Trachemys scripta elegans</i>		
<i>Total</i>		0	M/F/UNK

Missing species
None

Taxa	Total number of animals	
	2016	2017
Invertebrates	0	0
Fish	0	0
Amphibians	0	0
Reptiles	0	0
Birds	313	5013
Mammals	19	19
Total	332	5032

Statistics	
Birth rate: Number born / Starting population	0.00
Mortality rate: Number deaths / Number born plus starting population	6.03
Disposition rate: Number of dispositions / Number born plus starting population	0.96
Population trend: Final population / Starting population	15.16
Birth: death ratio (number of deaths per number of births)	#DIV/0!

COMMON NAME		SCIENTIFIC NAME	EEP / INV	SSSMZP risk cat.	IUCN	CITES	Start totals	SUBMITTED TOTALS As of 31/12/17			Arrived			Born			Neonatal death			Death			Departed			CURRENT TOTALS As of 31/12/18			Current totals	
								M	F	Unk	M	F	Unk	M	F	Unk	M	F	Unk	M	F	Unk	M	F	Unk	M	F	Unk		
BIRDS																														
Struthioniformes																														
Ducks		Anas platyrhyncha domesticus		3			7	0	0	7																0	0	7	7	
Geese		Anserinae		3			4	0	0	4																0	0	4	4	
Ostrich		Struthio camelus		1			1	1	0	0																1	0	0	1	
Emu		Dromaius novaehollandiae		2			1	0	1	0											1					0	0	0	0	
Chickens		Gallus gallus domesticus		3			5000	0	5000	0											5000					0	0	0	0	
Rhea				2			0	0	0	0			4													0	0	4	4	
Peacocks				3									1													0	0	1	1	
Guinea Fowl				3									9													0	0	9	9	
Swans				3									3													0	0	3	3	
TOTAL Bird species:							5																						3	
TOTAL Birds:							5013	1	5001	11	0	0	4	0	0	0	0	0	0	0	5001	0	0	0	0	0	1	0	15	16

MAMMALS																
Diprotodontia																
Red Deer	<i>Cerus elaphus</i>	1	2	0	2	0							0	2	0	2
Oxford Sandy and Black Pigs	<i>Sus scrofa domesticus</i>	3	2	0	0	2					1		0	0	1	1
Kunekune Pigs	<i>Sus scrofa domesticus</i>	3	2	0	0	2							0	0	2	2
Shetland Ponies	<i>Equuscab allus</i>	3	1	1	0	0							1	0	0	1
Pygmy Goats	<i>Capra aegarus hircus</i>	3	8	4	4	0	1	1					5	5	0	10
Saanen Goat	<i>Capra aegarus hircus</i>	3	2	1	1	0							1	1	0	2
Sheep	<i>Ovis aries</i>	3	0	0	0	0							0	0	0	0
Alpaca	<i>Vicugna pacos</i>	3	1	0	0	1					1		0	0	0	0
Dartmoor Pony	<i>Equus ferus caballus</i>	3	1	0	1	0							0	1	0	1
Cow	<i>Bos taurus</i>	3	0	0	0	0							0	0	0	0
Llama	<i>Lama glama</i>	3	0	0	0	0							0	2	0	2
Donkey	<i>Equus Africamus Asinus</i>	3	0	0	0	0	2	2					2	0	0	2
Highland Long Horn Cows		3	0	0	0	0		3					0	3	0	3
													0	0	0	0
TOTAL Mammal species:			8													9
TOTAL Mammal:			19	6	8	5	3	3	0	0	0	0	0	0	2	23

TOTAL Mammals	19	6	8	5	9	14	3	23
TOTAL Animals	5032	7	5009	16	10	14	18	39
TOTAL Animal species	13							12

Total number of arrivals in 2018	10		3	3	4	
Total number of births in 2018	0			0	0	0
Total number of neonatal deaths in 2018	0				0	0
Total number of deaths (>30 days old) in 2018	5003				0	5001
Total number of animals departed (live) in 2018	0					0
Acquisitions minus dispositions =	-4993					

Sense check: 42

Note: numbers accurate to 31/12/18

Taxa	Total number of species		
	Start of year	Across the year	End of the year
Invertebrates	0	0	0
Fish	0	0	0
Amphibians	0	0	0
Reptiles	0	0	0
Birds	5	4	3
Mammals	8	12	9
Total	13	16	12

Invasive species in collection 31st December 2018		Total	M.F.UNK
Red-eared slider	<i>Trachemys scripta elegans</i>		
Total		0	M/F/UNK

Missing species
None

Taxa	Total number of animals	
	2017	2018
Invertebrates	0	0
Fish	0	0
Amphibians	0	0
Reptiles	0	0
Birds	5013	16
Mammals	19	23
Total	5032	39

Statistics	
Birth rate: Number born / Starting population	0.00
Mortality rate: Number deaths / Number born plus starting population	0.99
Disposition rate: Number of dispositions / Number born plus starting population	0.00
Population trend: Final population / Starting population	0.01
Birth: death ratio (number of deaths per number of births)	#DIV/0!

