

# WILDLIFE INCIDENT UNIT

148/20



Original thinking... applied

## WILDLIFE INCIDENT REPORT

INCIDENT NUMBER 148/20  
PART OF STUDY FSGD-211  
REGIONAL NUMBER W/20/25  
OTHER REFERENCES 28-B0093-10-20  
SENDER APHA Carmarthen VIC

LOCATION [REDACTED]  
Powys

GRID REFERENCE [REDACTED]

INCIDENT DATE 10 September 2020

SUSPECTED CAUSE OF INCIDENT traffic accident

DATE OF REPORT 12 January 2021

REPORTING OFFICER [REDACTED]  
[REDACTED]  
SIGNED : ..... [REDACTED]

NUMBERS AND SPECIES INVOLVED  
1 buzzard

COPIED TO [REDACTED] [REDACTED]  
[REDACTED] [REDACTED]  
[REDACTED] [REDACTED]

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## Samples received

## Date received

## Sample identifier

100080	buzzard		29/10/20	28/B0093/10/20 : NJO1
100080	buzzard	tissues	29/10/20	28/B0093/10/20 : NJO1

## Summary of field data

A dead buzzard was found on a road. The carcass was collected by the finder and the death reported to the RSPB, who advised contacting Welsh Government and arrangements were made with the Police to collect the carcass.

Although there were some notable injuries in the wing and the location suggested that the cause of death might be from a road traffic accident, the crop appeared to be full and so poisoning was suspected.

The bird carcass was collected by the Police and delivered to the APHA for an examination.

## Summary of post mortem report

A male buzzard of weight 879g and good body condition with moderate autolysis was submitted for post-mortem. There was rupture of the ventral abdominal wall and ventral cloaca, with protrusion of intestines. There was haemorrhage along the whole right side of the neck. There were complete fractures of the left distal humerus and left distal radius and ulna. The ribs over the right thoracic wall were fractured, and there was haemorrhage of the right thoracic wall. The airsacs contained blood-stained fluid. One of the main vessels from the heart was ruptured with protrusion of a large blood clot from the tear. The proventriculus and gizzard contained dark feathers, soft pale pink material and a bone fragment.

## Analysis : metaldehyde & carb (LC) analysis suite

100080	stomach contents	no metaldehyde & carb (LC) detected	detection limit	0.05	mg/kg
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## Analysis : organophosphate analysis suite

100080	stomach contents	no organophosphate detected	detection limit	1.0	mg/kg
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## Analysis : rodenticide & chloralose analysis suite

100080	liver	no rodenticide & chloralose detected	detection limit	0.009	mg/kg
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## Conclusion

It was suspected that this buzzard had been poisoned, although the initial appearance was that it was a road traffic accident victim. Laboratory analysis for some likely pesticides has been undertaken on the submitted samples, as it appeared that the bird had eaten recently. However, these tests have not detected any pesticide residues from the compound groups tested for. Therefore, it appears that this buzzard did die from trauma due to a road traffic collision.

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