



WILDLIFE INCIDENT REPORT

INCIDENT NUMBER 48/18
PART OF STUDY FSGD-209
REGIONAL NUMBER W/18/12
OTHER REFERENCES 28/B0044/05/18
SENDER VLA Carmarthen
LOCATION Tregairiog
Denbighshire
GRID REFERENCE SJ1733
INCIDENT DATE 20 April 2018
SUSPECTED CAUSE OF INCIDENT trauma
DATE OF REPORT 6 August 2018

REPORTING OFFICER [REDACTED]
SIGNED : [REDACTED]

NUMBERS AND SPECIES INVOLVED
1 goshawk

COPIED TO

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]

Samples received		Date received	Sample identifier
99063	goshawk	18/5/18	28-B0044-05-18
99063	goshawk tissues	18/5/18	28-B0044-05-18

Summary of field data

A dead goshawk was found in woodland [REDACTED]. The carcass appeared to be quite fresh and had not been there the day before. The bird carcass was collected by the finder and stored in his employers freezer until arrangements could be made to deliver the carcass to the APHA for a post-mortem.

Summary of post mortem report

An adult, female goshawk, in fair body condition and 1.3kg weight was submitted for post-mortem. On external examination there was severe haemorrhage to the head that extended into subcutaneous tissues and muscles. The stomach was empty. The skin, subcutis, musculoskeletal, respiratory, cardiovascular, lymphoreticular, urinary, reproductive and nervous systems were unremarkable. The endocrine system was not examined.

Analysis : organochlorine analysis suite

99063	liver	DDE-pp	confirmed	0.089	mg/kg
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Analysis : rodenticide analysis suite

99063	liver	difenacoum	confirmed	0.0072	mg/kg
99063	liver	brodifacoum	confirmed	0.015	mg/kg
99063	liver	bromadiolone	confirmed	0.05	mg/kg

Conclusion

It was suspected that this goshawk had been poisoned. Laboratory analysis for some likely pesticides has been undertaken on the submitted samples. These tests have detected and confirmed a small residue of bromadiolone, brodifacoum and difenacoum in the liver of this bird. There was also a small residue of DDE noted in the liver. All these residues are considered to be consistent with background exposure only and so given these results and the findings on post-mortem, it appears that a traumatic injury to the head accounts for the death of this goshawk.