

WILDLIFE INCIDENT UNIT

29/07



CENTRAL SCIENCE
LABORATORY

WILDLIFE INCIDENT REPORT

INCIDENT NUMBER 29/07
PART OF STUDY PGD-270
REGIONAL NUMBER W/07/04
OTHER REFERENCES 29/B0029/04/07
SENDER VLA Aberystwyth
LOCATION Rhos y Gell, Devil's Bridge
Cardiganshire
GRID REFERENCE SN7374
INCIDENT DATE 3 April 2007
SUSPECTED CAUSE OF INCIDENT background residue
DATE OF REPORT 3 July 2007

REPORTING OFFICER

SIGNED :

NUMBERS AND SPECIES INVOLVED

1 red kite

COPIED TO

Sand Hutton ■ York

YO41 1LZ ■ U.K.

Tel: +44 (0)1904 462000

Fax: +44 (0)1904 462111

Website: www.csl.gov.uk

E-mail: science@csl.gov.uk

Direct Phone Number 01904 462456
Direct Fax Number 01904 462251

E-mail: wiis@csl.gov.uk



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**Samples received****Date received****Sample identifier**

68473	red kite	tissues	17/4/07	VLA 29/B29/04/07 sample 1
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Summary of field data

A dead red kite was found under a nest. There was no other background history.

Summary of post mortem report

A female red kite, in fat and fresh condition was submitted. It weighed 1.1 kg and had no identification. It was well feathered and muscled. Most systems were unremarkable. There was a large accumulation of food material (mostly white fat) in the oesophagus and grey hair in the gizzard. There were numerous ovules of varying sizes in the ovary and an unshelled egg was in the oviduct. The cause of death was not apparent.

Analysis : carbamate (LC) analysis suite

68473	stomach contents	no carbamate (LC) detected	detection limit	0.1	mg/kg
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Analysis : chloralose-alpha

68473	kidney	no chloralose-alpha detected	detection limit	0.4	mg/kg
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Analysis : organophosphate analysis suite

68473	stomach contents	no organophosphate detected	detection limit	0.4	mg/kg
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Analysis : rodenticide analysis suite

68473	liver	bromadiolone	confirmed	0.012	mg/kg
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Analysis : strychnine

68473	stomach contents	no strychnine detected	detection limit	0.6	mg/kg
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Conclusion

It was suspected that this red kite had been poisoned. Laboratory analysis for a range of likely pesticides has been undertaken on the submitted samples. However, no significant residues from the compound groups tested for were found. There was a small residue of bromadiolone confirmed in the liver, but this is considered to be consistent with exposure to the pesticide only. The cause of death of this red kite remains uncertain.