

Thank you for taking the time to answer these questions. If you feel this questionnaire has not covered some aspects of this heather beetle outbreak, please feel free to provide any further details.

It would be helpful if you would complete the contact details below:

Name _____

Address: _____

Postcode

Telephone

Email address:

May we contact you in case we have further questions? If yes, please tick the box

Please return to:

By post:

The Heather Beetle Survey, The Heather Trust, Newtonrigg, Holywood,
DUMFRIES DG2 0RA

By Fax:

To: 01387 723201



Heather Beetle Outbreaks in the UK Uplands

- 1 We are keen to know more about heather beetle and what causes the large population explosions that can be so devastating to heather moorland.
- 2 More research is required, but in order to justify the cost of this research we need more information about the extent and nature of the outbreaks throughout the UK.
- 3 Please could you help us by completing this form?
- 4 Damage is most obvious during July to September. Damaged areas of heather turn a foxy red colour during this period. Damage may not cover a complete plant and only part of it may be damaged by the attack.
- 5 For more information about heather beetle and its impact on heather, please see the guidance available on The Heather Trust's web site: <http://www.heathertrust.co.uk/Heather+Beetle>
- 6 Section I contains basic information about the outbreak, but it would be most helpful if you could complete Section II as well, to provide us with more information.

Section I – BASIC INFORMATION

- 1 Where is the heather moorland you are reporting on? Please complete at least one of the following options:

1.1 Post code

1.2 OS Grid Reference

1.3 Location

Newtonrigg, Holywood, DUMFRIES DG2 0RA

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2 Is there any heather beetle damage on your heather this year?

Yes Please complete question 3

No Please go to question 4

Section II – ADDITIONAL INFORMATION

3 Details of the Attack this year

3.1 How certain are you that the damage to the heather has been caused by heather beetle?

Certain 1 2 3 Not certain

3.2 How severe is the attack this year?

3.2.1 Very severe Heather killed over a large area

3.2.2 Medium severity Heather killed in patches

3.2.3 Minor damage Parts of plants killed

3.3 Over what area has the attack occurred?

3.3.1 Area Hectares

3.3.2 Area Acres

3.4 How many distinct patches are affected?

1 2 3 4 5 >5

3.5 What % of the damage is on hard ground?

<25% <50% <75% <100%

3.6 What age of heather is affected?

3.6.1 Old Yes No

3.6.2 Young Yes No

4 Previous Attacks

4.1 When was the last heather beetle attack on this area of ground?

Last year 2-5 5-10 10-20 20+ (years ago)

4.2 How frequently have outbreaks occurred on this area of moorland?

Every 1 5 10 15 20 years

4.3 Have these outbreaks been more, less or equally as extensive as this year's?

More Less Equal

4.4 How have you treated the heather after previous outbreaks?

Burn Cut Leave

4.5 Did the heather recover fully?

Yes No

4.6 If yes, how long did it take to recover?

1 5 10 15 20 years