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:

it would be helpful if you would complete the condet 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, FREEPOST SCO4233, Newtonrigg, Holywood, DUMFRIES DG2 0BR No stamp is required							
By Fax: To: 01387 723201							

Rev: 070823 Print



Heather Beetle Outbreaks in the UK Uplands

- We are keen to know more about heather beetle and what causes the large population explosions that can be so devastating to heather moorland.
- 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?
- 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.
- For more information about heather beetle, please see the guidance available on The Heather Trust's web site: http://www.heathertrust.co.uk/heatherbeetle/BeetleGuidance.pdf
- 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.

at

Section I – BASIC INFORMATION

1		re is the heather moorl one of the following o	and you are reporting on? Please complete ptions:
	1.1	Post code	
	1.2	OS Grid Reference	
	1.3	Location	

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

Scottish Charity No: SC010204

President: Prof. Rob Marrs BA, PhD, DSc, CBiol, MIEEM, MIHort Tel / Fax: 01387 723201
Chairman: C A E Braithwaite MA Cantab Email: info@heathertrust.co.uk
Director: S P R Thorp BSc(Hons) MRICS Web: www.heathertrust.co.uk

		<u>'</u>			
2	Is there any heather beetle damage on your heather this year?			3.6	What age of heather is affected?
	Yes	Please complete question 3			3.6.1 Old Yes No
	No	Please go to question 4			3.6.2 Young Yes No
Section II – ADDITIONAL INFORMATION			4	Previ	ious Attacks
3	Details of the Attack this year			4.1	When was the last heather beetle attack on this area of ground?
	3.1	How certain are you that the damage to the heather has been caused by heather beetle?		L	ast year 2-5 5-10 10-20 20+ (years ago)
		Certain 1 2 3 Not certain		4.2	How frequently have outbreaks occurred on this area of moorland?
	3.2	How severe is the attack this year? 3.2.1 Very severe Heather killed over a large		Every	7 1 5 10 15 20 years
		3.2.2 Medium severity Heather killed in patches		4.3	Have these outbreaks been more, less or equally as extensive as this year's?
	3.3	3.2.3 Minor damage Parts of plants killed Over what area has the attack occurred?			More Less Equal
		3.3.1 Area Hectares		4.4	How have you treated the heather after previous outbreaks?
	3.4	3.3.2 Area Acres How many distinct patches are affected?			Burn Cut Leave
		1 2 3 4 5 >5		4.5	Did the heather recover fully? Yes No
	3.5	What % of the damage is on hard ground?		4.6	If yes, how long did it take to recover?
		<25% <50% <75% <100%			1 5 10 15 20 years