



Til: ingibjorg.bjarnadottir@umhverfisstofnun.is
Efni: Re: Umsögn um umsókn um rannsóknarleyfi - Strýtan Eyjafirði
Upplýsingar: Sent: 20.06.2018 17:33:16 af Trausti Baldursson, Málsnúmer: 2018060026, Bréfalyklar: 42-8 Umsókn um efnisnám og aðrar náttúruauðlindir

Tilvísun í mál: 2018060026

Vísað er til meðfylgjandi tölvupósts, dags. 15. júní sl., þar sem óskað er eftir umsögn Náttúrufræðistofnunar Íslands um umsókn Dr Adrian Glover, Natural History Museum, London, um rannsóknarleyfi innan verndarsvæðis hverastrýta í Eyjafirði. Fyrirhugað er að safna 20 einstaklingum af þremur dýrategundum fyrir rannsóknina.

Náttúrufræðistofnun hefur farið yfir umsóknina og gerir ekki athugasemd við að leyfi verði veitt á þeim forsendum sem þar koma fram.

Virðingarfyllst,

Trausti Baldursson
Náttúrufræðistofnun Íslands
Icelandic Institute of Natural History
Urriðaholtsstræti 6-8
Pósthólf 125 (P.O. Box 125)
212 Garðabær
Sími/Tele: 590 0500
Email: trausti@ni.is



From: Sigrún Fríða Óladóttir/NI.IS
Date: 06/15/2018 02:58:23 PM
To: Magnús Guðmundsson/NI.IS@NI.IS
Subject: Fw: Umsögn um umsókn um rannsóknarleyfi - Strýtan Eyjafirði

----- Forwarded by Sigrún Fríða Óladóttir/NI.IS on 15.06.2018 14:58 -----

From: Ingibjörg Marta Bjarnadóttir <ingibjorg.bjarnadottir@umhverfisstofnun.is>
To: "ni@ni.is" <ni@ni.is>
Date: 15.06.2018 14:50
Subject: Umsögn um umsókn um rannsóknarleyfi - Strýtan Eyjafirði

Góðan dag

Umhverfisstofnun hefur borist meðfylgjandi umsókn um rannsóknarleyfi innan verndarsvæðis hverastrýta í Eyjafirði. Fyrirhugað er að safna 20 einstaklingum af þremur dýrategundum fyrir rannsóknina.

Umhverfisstofnun óskar hér með eftir umsögn Náttúrufræðistofnunar Íslands um verkefnið . Gott væri, er unnt er, að fá umsögnina fyrir lok næstu viku (18.-22. Júní).

Bestu kveðjur, Best regards

Ingibjörg Marta Bjarnadóttir
Sérfræðingur, Advisor
Svið samþættingar, Department of Integration



Umhverfisstofnun, Environment Agency of Iceland
Suðurlandsbraut 24, 108 Reykjavík, Iceland
Sími / Phone: +354 591 2000
Bréfasími / Fax: +354 591 2010
Veffang / Webpage: [Http://www.ust.is](http://www.ust.is)

DISCLAIMER / UM TÖLVUPÓSTINN: [Http://www.ust.is/disclaimer](http://www.ust.is/disclaimer)

Forwarded by Ingibjörg Marta Bjarnadóttir on 15.6.2018 14:44:15

From: "ust@ust.is" <ust@ust.is>
To: "UST Umhverfisstofnun" <ust@umhverfisstofnun.is>
CC:
Subject: Umsókn - rannsóknarleyfi á friðlýstum svæðum
Date: 6.6.2018 16:09:20

Company	Dr Adrian Glover, Natural History Museum, London, United Kingdom
Phone	+44207 942 5056
Address	Life Sciences Department, Natural History Museum, Cromwell Road
Area and postal code	London, SW7 5BD, United Kingdom
Email	a.glover@nhm.ac.uk
Contact	Dr Magdalena Georgieva
Contacts phone number	+44207 942 5643
Contacts email	m.georgieva@nhm.ac.uk
Project title	The colonisation of hydrothermal vents by complex life: observing metazoan adaptation to hydrothermal vents
Name of protected area	Strýtan hydrothermal vent chimney, Eyjafjörður
Location within the protected area	Strýtan hydrothermal vent chimney
Dates and project duration	18-25 August 2018
Number of participants on location	6
Short description of the research project, purpose and objective.	Our overall scientific research project investigates the importance of hydrothermal vent environments to the evolution of animal life in our oceans. A component of this project aims to explore how animals might be adapting to the conditions presented by hydrothermal vent environments, and to gain understanding into the speed of the adaptation process. For this, we would like to collect approximately 20 individuals of 3 target species (mussels, a sponge, and a bryozoan) both from the Strytan

	vent chimney and also from nearby non-vent areas in Eyjafjörður. We would then use genetics to compare the different populations of each species to see if we can detect signatures of adaptation to vents.
Possible disturbance on geological features, soil, flora and fauna. Specify how and where	We will use divers (together with Erlendur Bogason, official protector of Strytan) to carefully collect individuals from the three target species from the vent chimney and nearby non-vent rocky habitat. We anticipate that our disturbance of the Strytan vent environment geology and biology as a whole will be minimal.
Is there any use of chemicals and/or chemical compounds? Specify.	We will use only non-toxic substances to preserve marine animals - ethanol and RNAlater.
Will there be any mitigation for disruptions.	If we notice any apparent disruption due to our collections of marine animals, we will change the way that animals are collected or stop collecting them from those particular regions to prevent any further disruption.
Specify the use of motorized equipment within the protected area	We will use a boat operated by Strytan Divecenter, which is also an official protector of Strytan and knows how to operate in this area with minimal disturbance. We will also use a small remotely-operated vehicle to collect video data, which has a very small motor which generally does not cause disturbance to marine life and geology.
Specify the need for going off roads and paths.	We will not need to do this.
Location of sampling and number of samples.	Strytan vent chimney - 20 individuals of each target species (mussels, sponge, bryozoan) Nearby non-vent rocky habitat - 20 individuals of each target species (mussels, sponge, bryozoan)

Other information	We will follow all procedures of Strytan Divecenter and Erlendur Bogason, official protectors of Strytan, to minimise disturbance in this natural area while collecting samples for scientific research.
Documents	

[attachment "image001.png" deleted by Trausti Baldursson/NI.IS]