

OVERALL WINNER: *Spike*
architecture – Dheeraj Rathore

Vision of Research 2020

The winners of the fourth annual **TEAGASC** 'Vision of Research and Innovation' image competition were announced at Teagasc Head Office, Oak Park, Carlow, as part of Teagasc's Science Week activities in November.

The competition is open to all Teagasc staff and students, who are invited to submit digital images created in the course of their work, with the aim of finding the most innovative and compelling images showing the range of research and innovation activities taking place across Teagasc. Selected images are used to promote Teagasc research and also feature in an annual calendar.

The panel of judges for the competition comprised Jim Carroll (Editor, *RTÉ Brainstorm*), John Beeching (University of Bath, UK), and Catriona Boyle (Teagasc, editor of *TResearch*).

The overall winner was Dheeraj Rathore's image *Spike Architecture*, taken during his research as part of a Horizon 2020-funded project BEST4SOIL – Boosting 4 BEST practices for SOIL health in Europe (grant no. 817696). The image shows the six-row architecture of a barley spike, a key component of grain yield. From a total of 76

entries, 12 winners were selected, which are featured in this article. Teagasc Director Gerry Boyle congratulated all of the entrants for the extremely high standard of images submitted and, in particular, thanked the judges for their care and attention to detail in selecting the winning images. Speaking about the competition, Frank O'Mara, Teagasc's Director of Research, said: "The competition is a great opportunity to show the high calibre of research and innovation activities carried out by Teagasc staff and to promote the scientific concepts underpinning our research to a wider audience".

The next 'Vision of Research and Innovation' image competition launches in May 2020 and will close in September 2020.

Author

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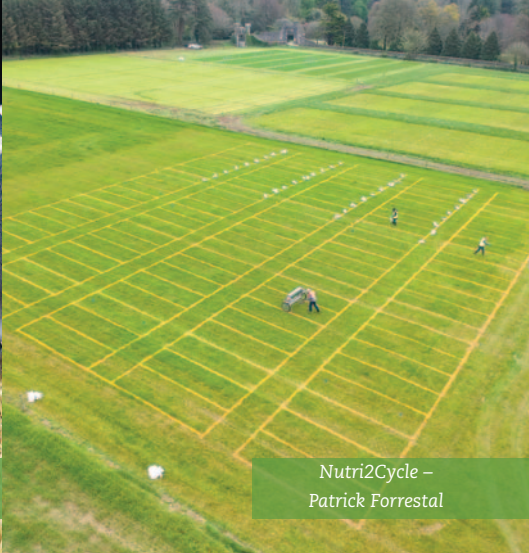
Hunting for aphids –
Aisling Moffat



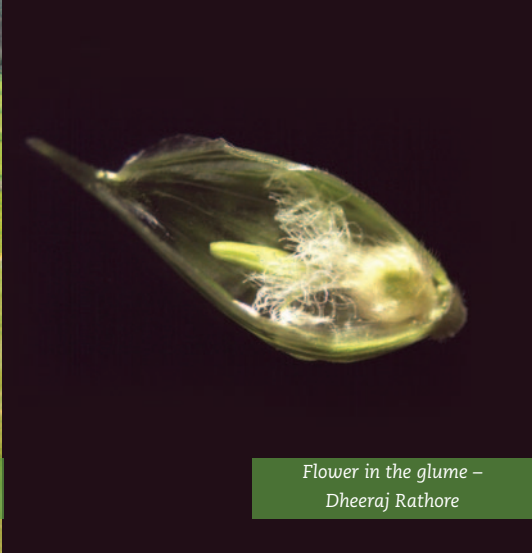
Bluebells – blue sky –
Ian Short



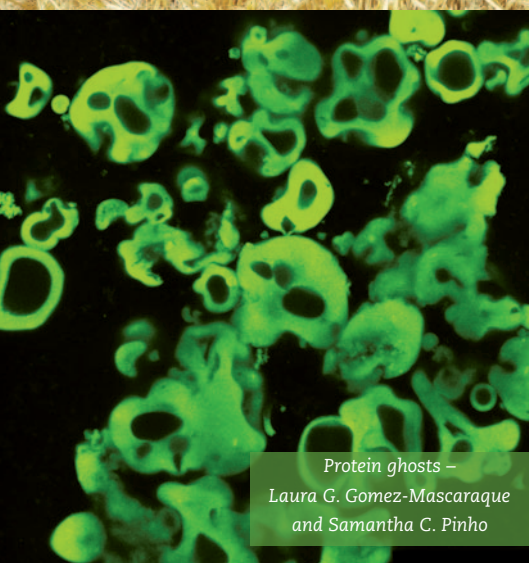
Labour of love –
Alison Sinnott



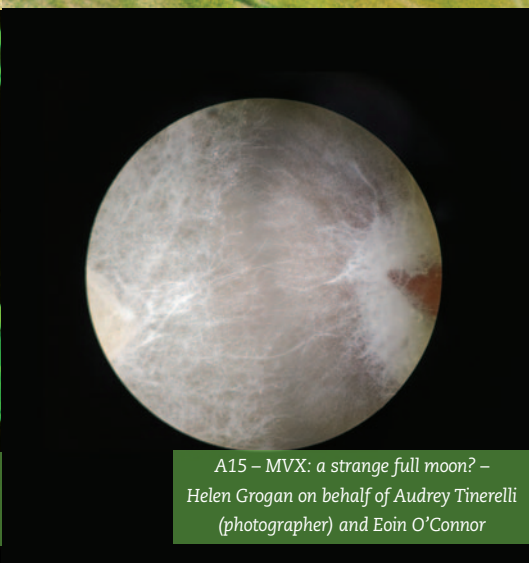
Nutri2Cycle –
Patrick Forrestal



Flower in the glume –
Dheeraj Rathore



Protein ghosts –
Laura G. Gomez-Mascaraque
and Samantha C. Pinho



A15 – MVX: a strange full moon? –
Helen Grogan on behalf of Audrey Tinerelli
(photographer) and Eoin O'Connor



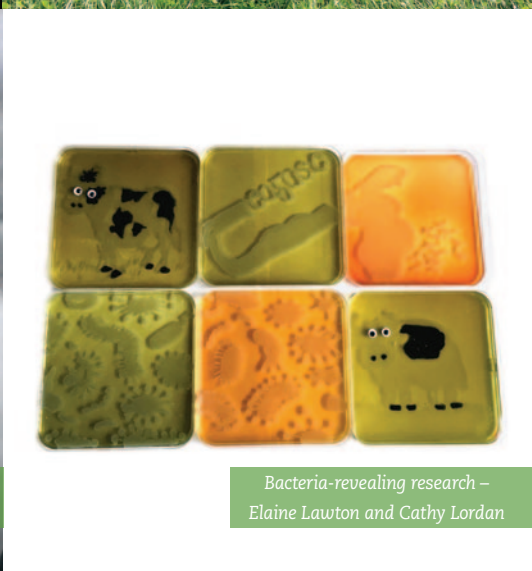
Cows and carbon –
Iris Nonhebel



Potential denitrification –
Kerry Ryan



Above the clouds –
Valentyn Maidannyk



Bacteria-revealing research –
Elaine Lawton and Cathy Lordan