

Technical Working Party for Ornamental Plants and Forest Trees**TWO/56/3****Fifty-Sixth Session****Virtual meeting, April 29 to May 2, 2024****Original:** English**Date:** April 15, 2024

EXPERIENCES WITH NEW TYPES AND SPECIES*Document prepared by an expert from the United Kingdom**Disclaimer: this document does not represent UPOV policies or guidance*

The annex to this document contains a copy of a presentation “New expression of characteristics in Geum”, to be made by an expert from the United Kingdom, at the fifty-sixth session of the TWO:

[Annex follows]



New expression of characteristics in Geum

Hilary Papworth, United Kingdom

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New expression of characteristics in Geum

The United Kingdom Geum protocol is undergoing amendment to describe a new application for United Kingdom PBR for a Geum with novel character expression.

The variety 'Orange Pumpkin' is the subject of the application and unlike other known varieties of this genus the flower stamens are in a modified form which makes their appearance petal-like rather than functional pollen carrying organs.



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Proposal for amendment

New characteristic:

Flower: petaloid staminodes

Note	State of expression	Example variety (as appropriate)
1	absent	Totally Tangerine
9	present	Orange Pumpkin



This characteristic will be used to establish distinctness from other varieties, it will also be important in the assessment of uniformity.

As this is a completely novel expression we cannot know with certainty that the proposal fulfils all of the requirements for a UPOV characteristic in Geum. However, this type of expression is known in other genera and is widely accepted e.g. Clematis UPOV Test Guidelines <https://www.upov.int/edocs/tgdocs/en/tg215.pdf>

Proposal for amendment

Additional states of expression* in the characteristic:

Stamen: length relative to petal length

Note	State of expression	Example variety (as appropriate)
1	very much shorter	
2	much shorter	
3	moderately shorter	
4	slightly shorter	
5 *	equal	
6 *	longer	





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[End of Annex and of document]