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**CURTIS'S**  
**BOTANICAL MAGAZINE;**

OR

**Flower Garden Displayed:**

In which the most Ornamental FOREIGN PLANTS cultivated in the Open Ground,  
the Green-House, and the Stove, are accurately represented and coloured.

To which are added,

THEIR NAMES, CLASS, ORDER, GENERIC AND SPECIFIC CHARACTERS,

ACCORDING TO THE SYSTEM OF LINNÆUS;

*Their Places of Growth, Times of Flowering, and most approved  
Methods of Culture.*

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CONDUCTED

By SAMUEL CURTIS, F. L. S.

THE DESCRIPTIONS

By SIR WILLIAM JACKSON HOOKER, K. H.

LL D. F. R. A. and L. S. Director of the Royal Botanic Garden  
of Kew.

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VOL. XIV. □

OF THE NEW SERIES;

*Or Vol. LXVII. of the whole Work.*

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1841.



TO

MRS. WRAY,

OF OAKFIELD, CHELTENHAM,

A LADY,

WHO DERIVES SOME OF THE TRUEST PLEASURES FROM HER

EXTENSIVE AND SUCCESSFUL CULTIVATION OF

EXOTIC PLANTS;

AND TO WHOM THE PAGES OF THIS WORK

ARE MUCH INDEBTED FOR THE INTRODUCTION OF MANY NOVELTIES

AND RARITIES,

THE PRESENT VOLUME IS RESPECTFULLY INSCRIBED,

BY HER OBLIGED FRIEND

AND SERVANT,

THE AUTHOR.

ROYAL BOTANIC GARDEN, KEW,

JUNE 1st, 1841.





W. Fitch Del.

Pub by S. Curtis Glaxenwood Essex Oct. 11840

Swan St.



SENÉCIO HERITIÉRI; *var.* CYANOPHTHALMUS.  
HERITIER'S GROUNDSEL; blue-eyed *var.*

\*\*\*\*\*

*Class and Order.*

SYNGENESIA SUPERFLUA.

( Nat. Ord.—COMPOSITÆ.—SENECIONIDÆÆ. )

*Generic Character.*

*Capitulum* homogamum discoideum aut heterogamum, fl. radii ligulatis fœmineis. *Involucrum* 1-serialis nunc nudi nunc squamellis accessoriis calyculati squamæ sæpius apice sphacelatæ margine subscariosæ, dorso frequenter binervatæ. *Receptaculum* epaleaceum nudum alveolatumve. *Styli* fl. hermaphr. rami truncati apiceque solo penicillati! *Achænium* erostre exalatum teretiusculum aut sulcato-angulatum. *Pappus* pilosus pluriserialis caducus, setis rectis subæqualibus tenuissimis vix scabris.—Herbæ aut Frutices innumeri polymorphi. D C.

*Specific Character and Synonyms.*

SENÉCIO *Heritieri*; fruticosus, foliis petiolatis exauriculatis cordatis suborbiculatis 5—7-lobis supra araneosis demum glabris subtus albo-lanatis, pedunculis 1-cephalis glabriusculis, involucro glabro 15—20-phyllo.

SENÉCIO *Heritieri*. *De Cand. Prodr.* v. 6. p. 409.

CINERARIA *lanata*. *L'Hérit. Sert. Angl.* t. 25. *Curt. Bot. Mag.* t. 53. *Jacq. Coll.* v. 3. p. 177. t. 19. f. 3.

( $\alpha$ .) *Capituli* radio pallide rubro-purpureo, disco intense rubro-purpureo.

( $\beta$ .) *Capituli* radio albo, disco intense cæruleo.

This very remarkable and highly beautiful plant was sent to me by Mr. FERGUSON, the able Curator of the Belfast Botanic Garden, from Mr. MORRISON, gardener to —  
CLELLAND,



CLELLAND, Esq., of Rosemount, near Belfast, in whose greenhouse it flowered in May, 1839. Notwithstanding the very unusual colour of the flowers for one of the Natural Order COMPOSITÆ, I have little hesitation in referring it to the well-known Canary plant, the *SENECIO Héritieri* of DE CANDOLLE, the old *CINERARIA lanata* of our gardens, and long ago figured in an early number of this Magazine. The foliage is the same and the structure of the flowers; but the colour of the blossoms is very different, and in our variety of a most unusual character. COMPOSITÆ, with a white ray and yellow eye or disk, are common, as every one knows, but I have never before met with any having a white ray and a blue disk. DE CANDOLLE in his observations on the COMPOSITÆ (Prodr. v. 6. p. 7,) remarks on the colour of the flowers, “*Corollæ nunc xanthicæ* (yellow being the type, but liable to pass into red or white, but never to blue), *nunc cyanicæ* (where blue is the type, but which may pass into red or white, never into yellow), in eodem capitulo, aut homochromæ seu discolores; ubi discolores ligulæ semper cyanicæ et tubuli xanthici! imo tubuli xanthici cum ligulati monstrosi evadunt, cyanici fiunt.”

Not only in our plant is the lilac-coloured ray of the flower changed to white, and the deep lilac, or blood-red purple, of the ray changed to a very bright blue; but the stigmas, which are deep orange in the original stock, are all also intensely blue and the anthers are purple-black.

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Fig. 1. Floret of the Ray. 2. Floret of the Disk. 3. Stigmas:—*magnified*.



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