Silene
Simplified standard protocol: SSP/SLN/2

Examination office	Naktuinbouw	
Reference of the protocol	SSP/SLN/2	
Date of preparation of the protocol	09/03/2026	
Date of entry into force of the protocol	11/03/2024	
Botanical taxon:	Silene suecica (Lodd. et al.) Greuter & Burdet x Silene viscaria (L.) Borkh. Silene flos-cuculi (L.) Greuter & Burdet Silene virginica L.	
Common Name (when known):	Catchfly	
Way of propagation of the plants to be examined	Self or cross pollinated seed propagated ☐ Vegetatively propagated ☒	
Number of growing cycles:	1 ☒ 2 ☐ Other ☐ specify -	
List of grouping characteristics	Yes ☐ if yes put as annex No ☒	
Minimum number of plants in trial	Vegetative:20	Seed: -
Minimum number of plants observed by measuring or counting:	Vegetative:1	Seed: -
Give description of when observations should take place	see: EXPLANATIONS ON THE TABLE OF CHARACTERISTICS	
Uniformity: - For the assessment of uniformity of vegetatively propagated, self-pollinated seed propagated varieties or F1-hybrids, a population standard of 1% and an acceptance probability of at least 95% should be applied. In the case of a sample size of 24 plants, 1 off-type is allowed.		
Table of characteristics	Present ☒ Not available ☐	
Literature (when present, please annex to this document)	Present ☒ Absent ☐	

TABLE OF CHARACTERISTICS

N°	Stage		Characteristics
1.		(+)	Plant: height
2.	**(a)**		Stem: intensity of green color
3.	**(a)**		Stem: intensity of anthocyanin coloration
4.	**(a)**		Stem: glaucosity
5.	**(a)**		Stem: pubescence
6.	**(b)**		Leaf: length
7.	**(b)**		Leaf: width
8.	**(b)**		Leaf: intensity of green color
9.	**(b)**		Leaf: intensity of anthocyanin coloration
10.	**(b)**		Leaf: glossiness
11.	**(b)**		Leaf: shape in cross section
12.	**(b)**		Leaf: undulation of margin
13.			Inflorescence: length
14.			Inflorescence: width
15.			Inflorescence: density
16.	**(c)**	(+)	Calyx: length
17.	**(c)**	(+)	Calyx: width
18.	**(c) (d)**		Calyx: intensity of green color
19.	**(c)**		Flower: type
20.	**(c)**	(+)	Flower: diameter
21.	**(c)**	(+)	Petal claw: length
22.	**(c)**	(+)	Coronal scale: width
23.	**(c) (d) (e)**		Coronal scale: main color RHS Colour Chart (indicate reference number)
24.	**(c) (d) (e)**		Coronal scale: secondary color RHS Colour Chart (indicate reference number)
25.	**(c) (e)**		Coronal scale: distribution of secondary color
26.	**(c)**	(+)	Petal limb: length
27.	**(c)**	(+)	Petal limb: width
28.	**(c)**		Petal limb: shape

N°	Stage	Characteristics
29.	**(c)**	Petal limb: shape of apex
30.	**(c) (d) (f)**	Petal limb: main color RHS Colour Chart (indicate reference number)
31.	**(c) (d) (f)**	Petal limb: secondary color RHS Colour Chart (indicate reference number)
32.	**(c) (f)**	Petal limb: distribution of secondary color
33.	**(c)**	Petal limb: undulation of margin
34.	**(c)**	Filament: length
35.	**(c)**	Filament: color
36.	**(c)**	Pollen: color
37.	**(c)**	Style: length
38.	**(c)**	Style: color
39.	**(c)**	Style: pubescence

EXPLANATIONS ON THE TABLE OF CHARACTERISTICS

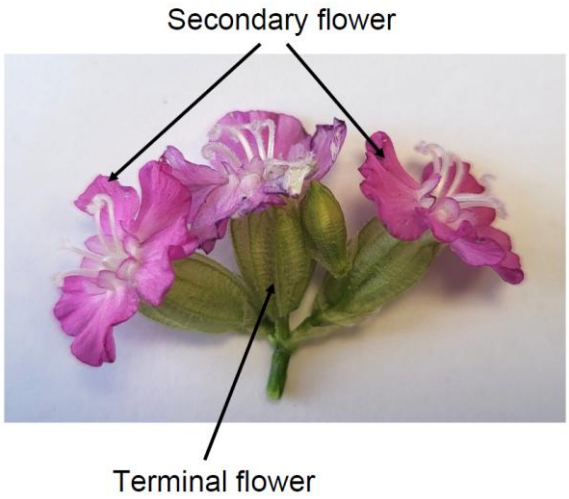
Explanations covering several characteristics

Unless otherwise indicated observations should be made when ca. 80% of the terminal and secondary flowers are flowering.

(a) Observations should be made on the middle third of a fully developed stem.

(b) Observations should be made on the upper side of fully expanded basal leaves.

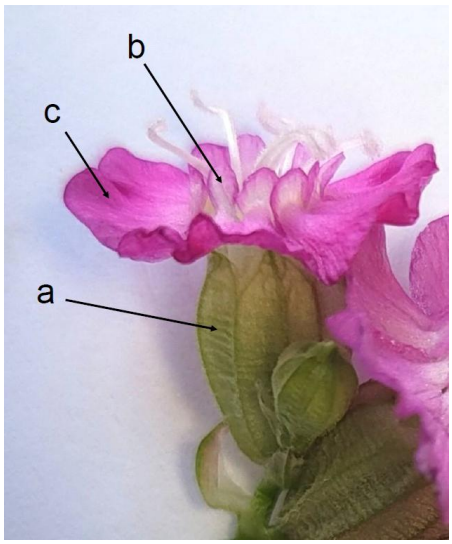
(c) Observations should be made on secondary flowers with fully developed styles, before they start to fade.



(d) The main color is the color with the largest surface area. The secondary color is the color with the second largest surface area. In cases where the areas of the main and secondary color are too similar to reliably decide which color has the largest area, the darker color is considered to be the main color.

(e) Observations should be made on the outer side.

(f) Observations should be made on the upper side.



a = Calyx (outer side)
b = Coronal scale (outer side)
c = Petal limb (upper side)

Explanations for individual characteristics

Ad. 1: Plant: height

Observations should be made from the surface of the growing medium to the top of the tallest flower.



Ad. 16: Calyx: length



a = Calyx: length
b = Calyx: width

Ad. 17: Calyx: width

See Ad. 16

Ad. 20: Flower: diameter



Ad. 21: Petal claw: length

Observation should be made on the outer side of the petal.

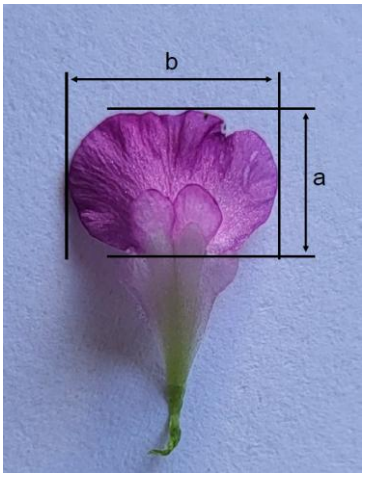


Ad. 22: Coronal scale: width

Observation should be made on the inner side of the petal.



Ad. 26: Petal limb: length



a = Petal limb: length
b = Petal limb: width

Ad. 27: Petal limb: width

See Ad. 26

LITERATURE

The Cambridge Illustrated Glossary of Botanical Terms: by Michael Hickey and Clive King

Name that flower: by Ian Clarke and Heleen Lee

Botanisch woordenboek: by Henk Eggelte

The Kew Plant Glossary, an illustrated dictionary of plant terms: by Henk Beentje