

Athyrium
Simplified standard protocol: SSP/ATT/1

Examination office	Naktuinbouw	
Reference of the protocol	SSP/ATT/1	
Date of preparation of the protocol	27/11/2023	
Date of entry into force of the protocol	01/03/2022	
Botanical taxon:	Athyrium niponicum (Mett.) Hance	
Common Name (when known):	Japanese painted fern	
Way of propagation of the plants to be examined	Self or cross pollinated seed propagated <input type="checkbox"/> Vegetatively propagated <input checked="" type="checkbox"/>	
Number of growing cycles:	1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> Other <input type="checkbox"/> specify	
List of grouping characteristics	Yes <input type="checkbox"/> if yes put as annex No <input checked="" type="checkbox"/>	
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	
<p>Uniformity:</p> <ul style="list-style-type: none"> - 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-types are allowed. - For the assessment of uniformity for cross-pollinated varieties, the recommendations for cross-pollinated varieties in the General introduction of UPOV should be applied. The variability within the variety should not exceed the variability of comparable varieties already known. 		
Table of characteristics	Present <input checked="" type="checkbox"/> Not available <input type="checkbox"/>	

Literature (when present, please annex to this document)	Present <input checked="" type="checkbox"/> Absent <input type="checkbox"/>
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TABLE OF CHARACTERISTICS

N°	Stage	Characteristics
1.	(a)	Plant: growth habit
2.	(a)	Plant: height
3.	(a)	Plant: width
4.	(a)	Leaf: type
5.	(b)	Young leaf blade: main color of upper side RHS Colour Chart (indicate reference number)
6.	(b)	Young leaf blade: secondary color of upper side RHS Colour Chart (indicate reference number)
7.	(b)	Young leaf blade: distribution of secondary color of upper side
8.	(b)	Young leaf blade: tertiary color of upper side RHS Colour Chart (indicate reference number)
9.	(b)	Young leaf blade: distribution of tertiary color of upper side
10.	(b)	Young leaf blade: main color of lower side RHS Colour Chart (indicate reference number)
11.	(b)	Young leaf blade: secondary color of lower side RHS Colour Chart (indicate reference number)
12.	(b)	Young leaf blade: distribution of secondary color of lower side
13.	(b)	Young leaf blade: tertiary color of lower side RHS Colour Chart (indicate reference number)
14.	(b)	Young leaf blade: distribution of tertiary color of lower side
15.	(a)	Petiole: length
16.	(a)	Rachis: diameter
17.	(a)	Rachis: color of upper side RHS Colour Chart (indicate reference number)
18.	(a)	Rachis: pubescence of upper side
19.	(a)	Leaf blade: length
20.	(a)	Leaf blade: width
21.	(a)	Leaf blade: main color of upper side RHS Colour Chart (indicate reference number)

N°	Stage	Characteristics
22.	(a)	Leaf blade: secondary color of upper side RHS Colour Chart (indicate reference number)
23.	(a)	Leaf blade: distribution of secondary color of upper side
24.	(a)	Leaf blade: main color of lower side RHS Colour Chart (indicate reference number)
25.	(a)	Leaf blade: secondary color of lower side RHS Colour Chart (indicate reference number)
26.	(a)	Leaf blade: distribution of secondary color of lower side
27.	(a)	Leaf blade: density of pinna arrangement
28.	(a)	Leaf blade: length of pinna
29.	(a)	Leaf blade: width of pinna
30.	(a)	Leaf blade: shape of pinna
31.	(a)	Leaf blade: shape of apex of pinna
32.	(a)	Leaf blade: color of sorus RHS Colour Chart (indicate reference number)
33.	(a)	Leaf blade: shape of pinnula

EXPLANATIONS ON THE TABLE OF CHARACTERISTICS

Explanations covering several characteristics

- (a) Observations on the plant, leaf blade, petiole, rachis should be made on full grown plants
- (b) Observations on the young leaf blade should be made in spring on newly formed leaves.

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