



Bundessortenamt



ECPGR Berries Working Group

“Collaborative action for updating the
documenting about berry
genetic resources in Europe”

***Rubus* sp.**

(2nd ECPGR WG Berries meeting, Kaunas, LT - June 17 to 19, 2025)



Erik Schulte
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Steps:

- 1st call
in spring 2021





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Steps:

- 1st call
in spring 2021
- data submission
until October 2021





Steps:

- 1st call
in spring 2021
- data submission
until October 2021
- data compilation
started from April 2021



	A	B	C	D	E	F	G	H	I	J	K	L
1			Descriptors for cultivars									
2			Obligatory descriptors									
	NICODE	PUID	INSTCODE	ACCENUMB	COLLNUMB	COLLCODE	COLLNAME	COLLINSTADDRESS	COLLMISSID	GENUS	SPECIES	SPAUTHOR
3												
71	SVN		SVN019	SRGB 4590	BPL13-8	SVN019	Kmetijski inštitut Slovenije	Hacquetova ulica 17, SI-1000 Ljubljana, Slovenia		Rubus	hybr.	(L.)
72	CZE		CZE031	10F4000008						Rubus	idaeus	L.
73	SVN		SVN019	SRGB 4593	BPL13-10	SVN019	Kmetijski inštitut Slovenije	Hacquetova ulica 17, SI-1000 Ljubljana, Slovenia		Rubus	occidentalis	L.
74	CHE		CHE063	A-BE-000229	BE-229					Rubus	occidentalis	
75	DEU		DEU610	DEU610.BO.2227						Rubus	subgen. Rubus	
76	CHE		CHE063	A-BE-000696	BE-696					Rubus	subgen. Rubus	
	CZE		CZE031	10F4000009						Rubus	idaeus	L.

Compilation

Overview

Pivot

Missing data

XXX



Assorting – harmonizing – completing (taxa, var. denomination, virus status, variety check, etc.)

	NICODE	INSTCODE	ACCENUMB	GENUS	SPECIES	SPAUTHOR	CROPNAME	ACCENAME	known Synonyms	ACQDATE	ORIGCTY
3	FIN	FIN016	Majestät	Rubus	allegheniensis	Porter	Allegheny blackberry	Majestät	Imperial	00000000	USA
4											
5	SWE	SWE089	SWE 1287	Rubus	allegheniensis	Porter	Allegheny blackberry	Majestät	Imperial	20160615	USA?
6	SWE	SWE089	SWE 584	Rubus	arcticus	L.	All-Fieldberry	Anna		20201115	SWE
7	FIN	FIN016	Astra	Rubus	arcticus	L.	All-Fieldberry	Astra		00000000	FIN
8	FIN	FIN016	Aura	Rubus	arcticus	L.	All-Fieldberry	Aura		00000000	FIN
9	SWE	SWE089	SWE 582	Rubus	arcticus	L.	All-Fieldberry	Beata		20160615	SWE
	FIN	FIN016	Mesma	Rubus	arcticus	L.	Arctic bramble	Mesma		00000000	FIN
10											
11	FIN	FIN016	Mespi	Rubus	arcticus	L.	Arctic bramble	Mespi		00000000	FIN
12	FIN	FIN016	Pima	Rubus	arcticus	L.	Arctic bramble	Pima		00000000	FIN
13	SWE	SWE089	SWE 583	Rubus	arcticus	L.	Arctic bramble	Sofia		20160615	SWE
14	FIN	FIN016	Susanna	Rubus	arcticus	L.	Arctic bramble	Susanna		00000000	FIN
15	SWE	SWE089	SWE 586	Rubus	arcticus	L.	All-Fieldberry	Valentina		20160615	SWE
16	FIN	FIN016	Nyby	Rubus	chamaemorus	L.	Cloudberry	Nyby		20060000	FIN
	CHE	CHE063	A-BE-000863	Rubus	hybr.		Blackberry	Boysenberry	Boysenberry; Nectarberry; Boysen	20040000	USA



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Some statistics:



13 member states /16 institutes submitted data

578 accessions

384 varieties

12 species





Some statistics (cont.):

<i>R. allegheniensis</i>	2 accessions
<i>R. arcticus</i>	10
<i>R. x binatus</i>	4
<i>R. chamaemorus</i>	1
<i>R. hybr.</i>	16
<i>R. idaeus</i>	439
<i>R. idaeus x alleg.</i>	2
<i>R. nessensis</i>	1
<i>R. occidentalis</i>	14
<i>R. phoenicolasius</i>	2
<i>R. subgen. Rubus</i>	86
<i>R. ulmifolius</i>	1





Some statistics (cont.):

17 varieties with accessions in more than 3 collections

e.g. *R. idaeus* 'Heritage' and 'Willmette' (6 coll.)

e.g. *R. sect. Rubus* 'Thornfree' (5), 'Black Satin' (4), and 'Wilson's Early' (4)

76 varieties with accessions in at least 2 collections

310 varieties in 1 collection only (no safety duplicates)





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Steps:

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- **passport data**





Literature survey: investigations on breeding history etc.

	NICODE	INSTCODE	ACCENUMB	ACCENAME	BREDNAME	ANCEST	COLLSRC	DONORCODE	DONORNAME
3	DEU	DEU451	RUB0972	Autumn Bliss	E. Keep, J.H.Parker & V.H. Knight, East Malling Research Station	EM 2806/36/EM 2335/47' complex crossing betw. Various Rubus spec. (R. strigosus, R. arcticus, R. occidentalis) and various red fruited raspberry varieties ('M. Landmark', 'M. Promise', 'Lloyd George' etc.)			Lubera AG
62	DEU	DEU451	RUB0981	Autumn First	Markus Kobelt, Lubera AG	'Autumn Bliss/Tulameen'			Lubera AG
63	EST	EST012	EST 3659	Babje Leto					
64	CZE	CZE031	10F4000005	Babje Leto					donor: Institut of Horticulture, Moscow, Dr.
65	NOR	NOR053	NJOS 1531	Balder	Redalen, G.	Norna x Malling Jewel		NOR035	Sagaplant AS
66	CZE	CZE031	10F4000006	Balzan					donor: Institut of Horticulture, Moscow, Dr. V.V. Kichina
67	CHE	CHE063	A-BE-000768	Baron de Wavre	Fruits Roethlisberger , Wavre Neuchâtel	probably 'Romy' x 'Zeva Herbsternte'		DEU610	Bundessortena mt
68	CHE	CHE063	A-BE-000751	Baumforth's Seedling	John Baumforth	seedling of 'Northumberland Fillbasket'		DEU610	Bundessortena mt
69	CZE	CZE031	10F4000007	Beskid	Danek, J.; Pasiut, Z.; Research				



Some statistics (cont.):

212 accessions (37%) or

201 varieties (52%)

without any information about
ancestors / breeders





Steps:

- 1st call
- data submission
- data compilation
- passport data
- **decisions**





Decisions:

Boysenberry, Loganberry:

→ varieties, not species

Japanese Wineberry:

→ to include

Incomplete/missing passport data:

→ left open





Steps:

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- open questions
- **return of inventory**





Steps:

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- return of inventory
- **cultivars to indicate**





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Cultivars:

(*R. idaeus* L.)

‘Heritage’

‘Meeker’ (6 partners)

‘Malling Promise’

‘Schönemann’ (5)

‘Autumn Bliss’

‘Golden Queen’

‘Lloyd George’

‘Malling Exploit’ (4)

(*R. sect. Rubus*)

‘Black Satin’ (4)

‘Loch Ness’ (3)





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Thank you.

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Sorten schützen.

Sorten zulassen.

Vielfalt erhalten.

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