



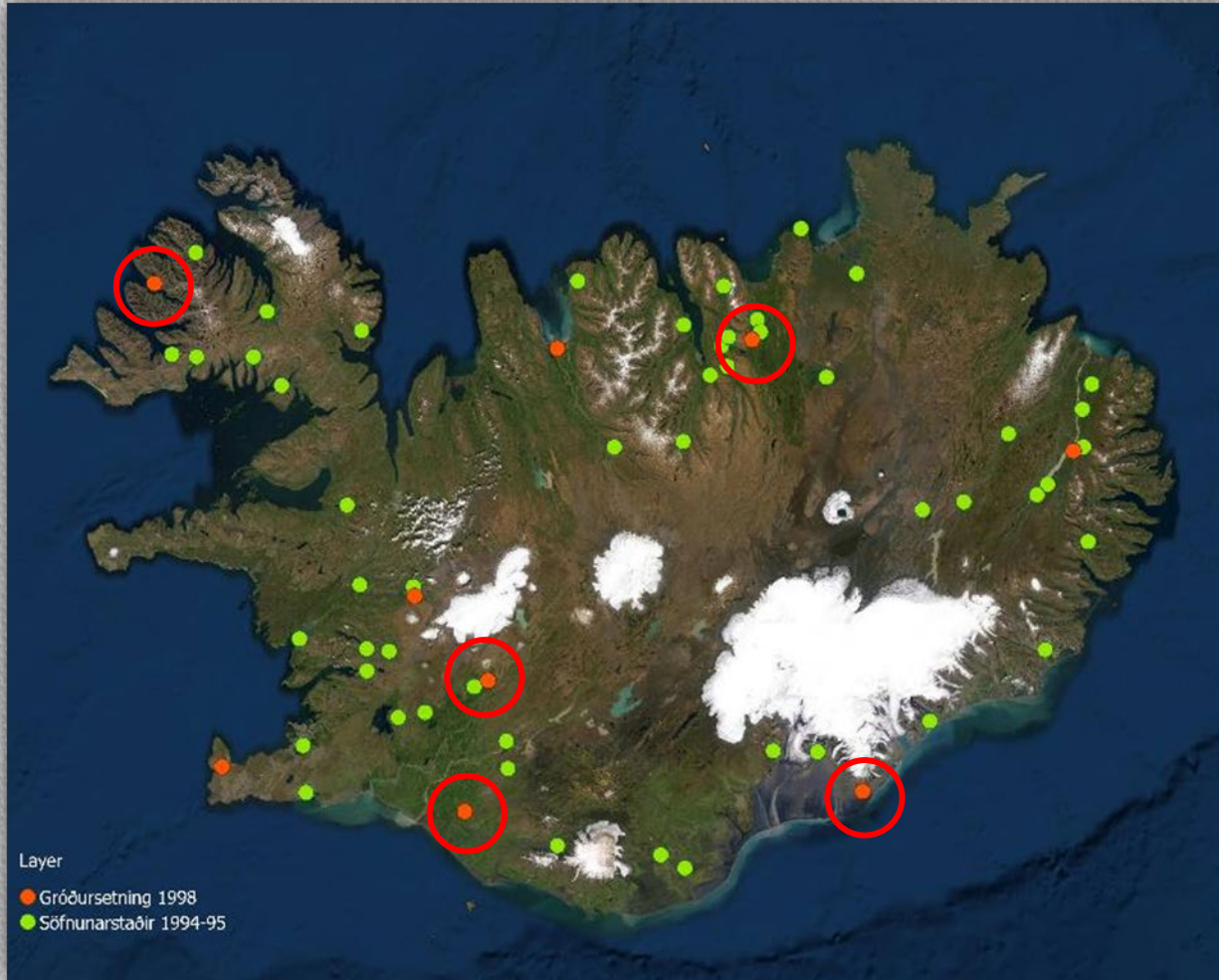
BIRKIKVÆMI Á ÍSLANDI FAGRÁÐSTEFNA SKÓGRÆKTAR 2022

 skógræktin

Brynjar Skúlason

Brynja Hrafnkelsdóttir

Tilraunastaðir og kvæmi



Níu tilraunastaðir

- 50 kvæmi á hverjum stað

- Mælt 2020-2021

- **Varmadalur**

- **Fagurhólsmýri**

- **Hjaltastaðir**

- **Haukadalsheiði**

- **Lækur**

- **Afskrifað**

- **Helluland**

- **Höfði**

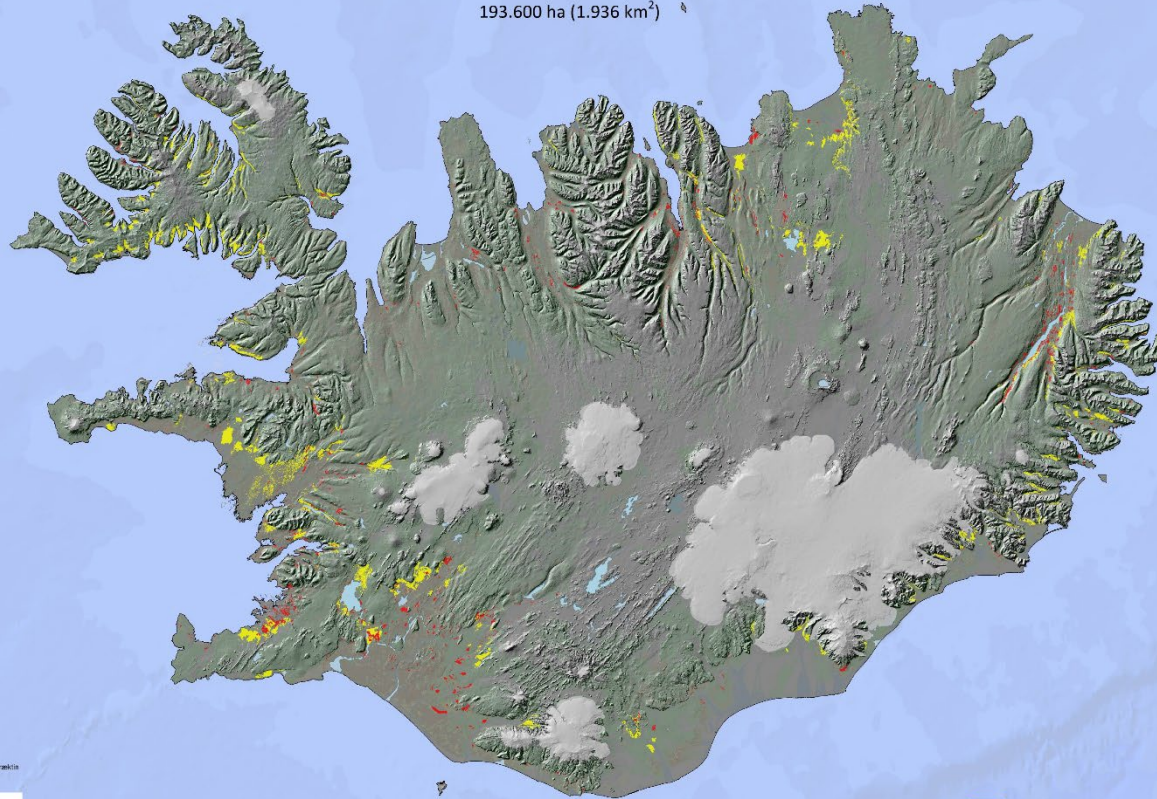
- **Keflavík**

- **Húsafell**

Náttúrulegt birki og gróðursettur skógur

Skóglendi á Íslandi 2017

193.600 ha (1.936 km²)



Grunnáttar:
Skóglendi, Skógræktin
Stjórnun: LM
KILDT, LSA



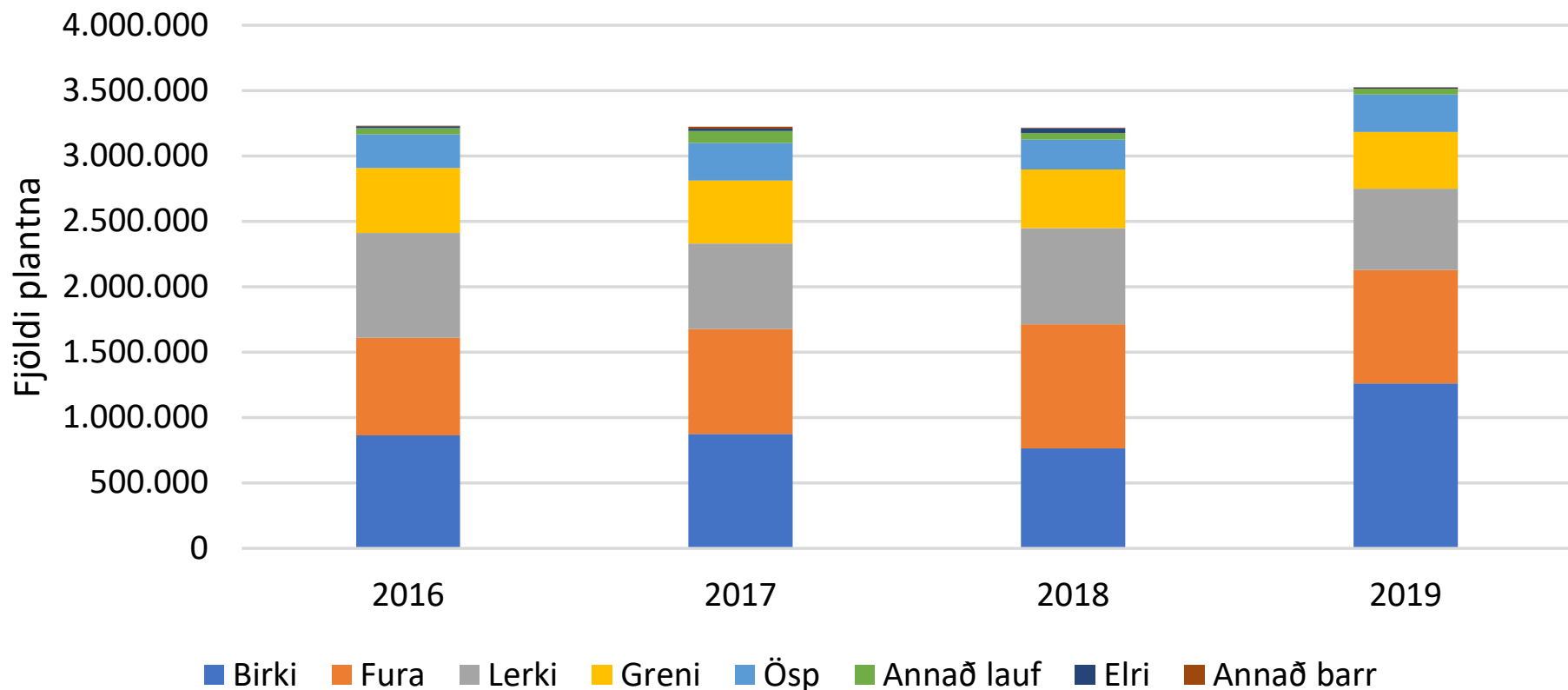
0 20 40
Rannsóknastofa skógræktar, Mógla
Kortlagið: Björn Traustason 2017

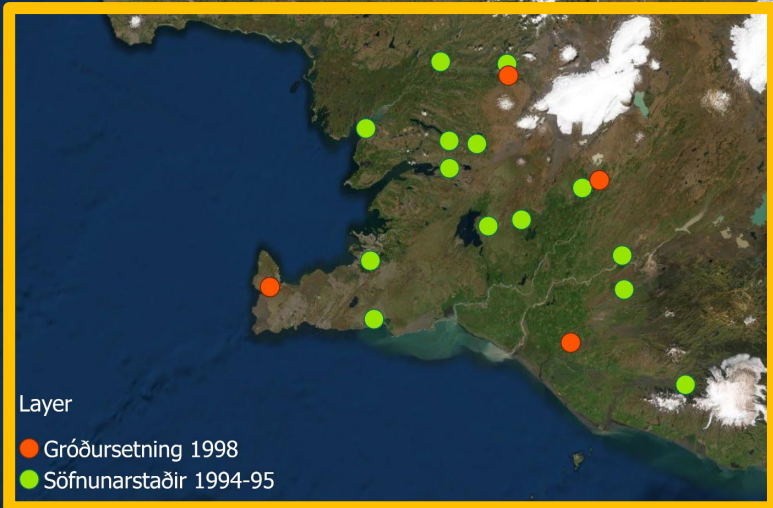
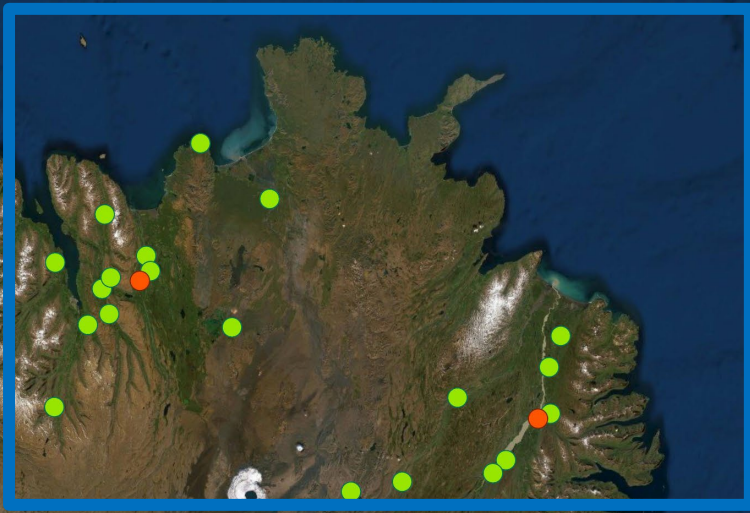
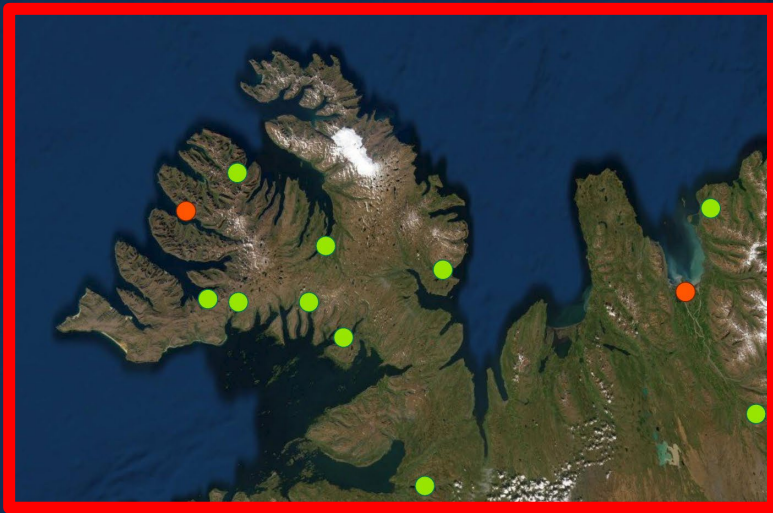
Náttúrulegt birkilendi (151.600 ha)

Ræktað skóglendi (42.000 ha)

- Fræuppsprettur
- Góð lifun
- Fræmyndun
- Öflugur vöxtur (kolefnisbinding)
- Einstofna
- Þol gagnvart sjúkdómum
- Þol gagnvart meindýrum

Plöntur afhentar 2016-2019



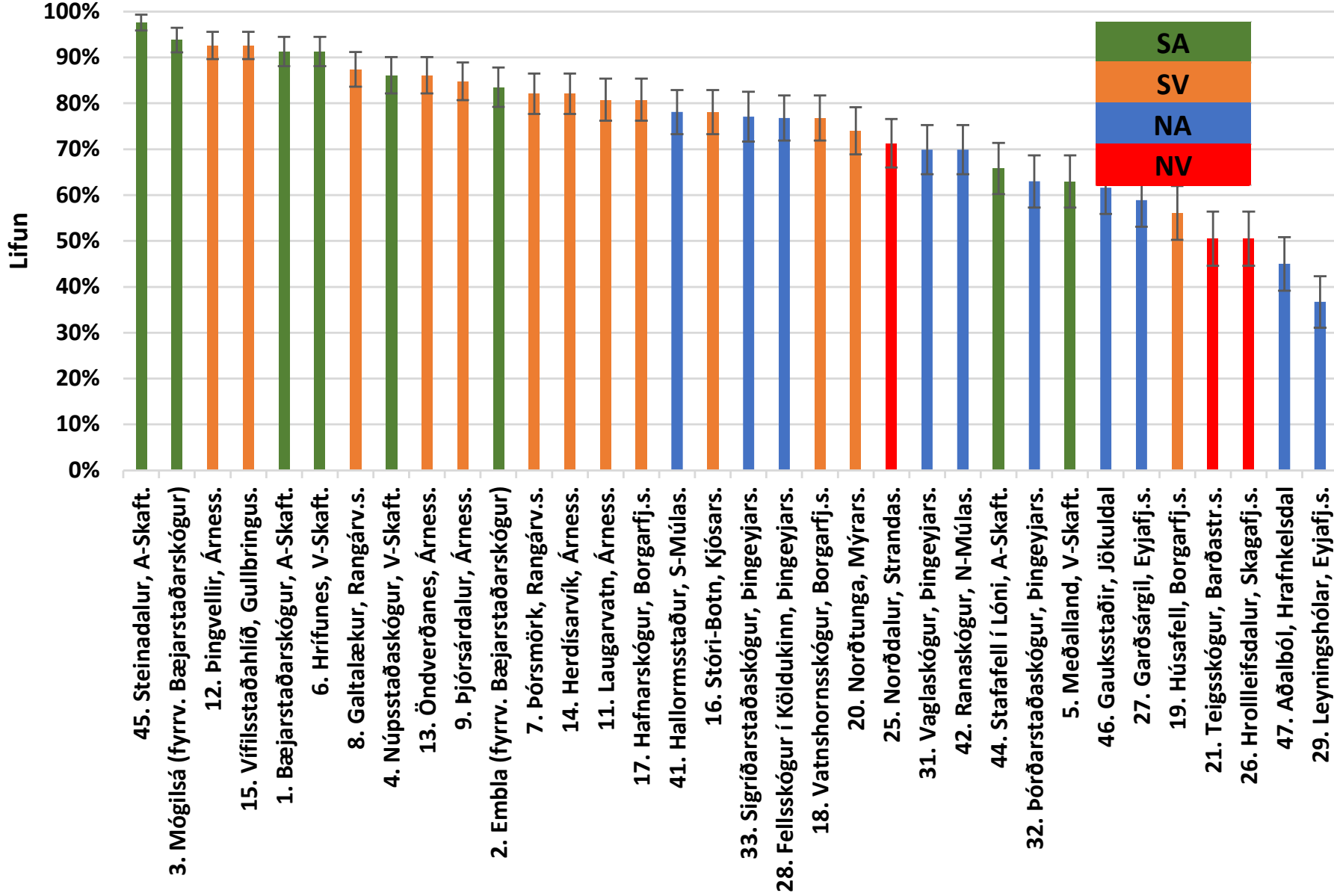


Layer

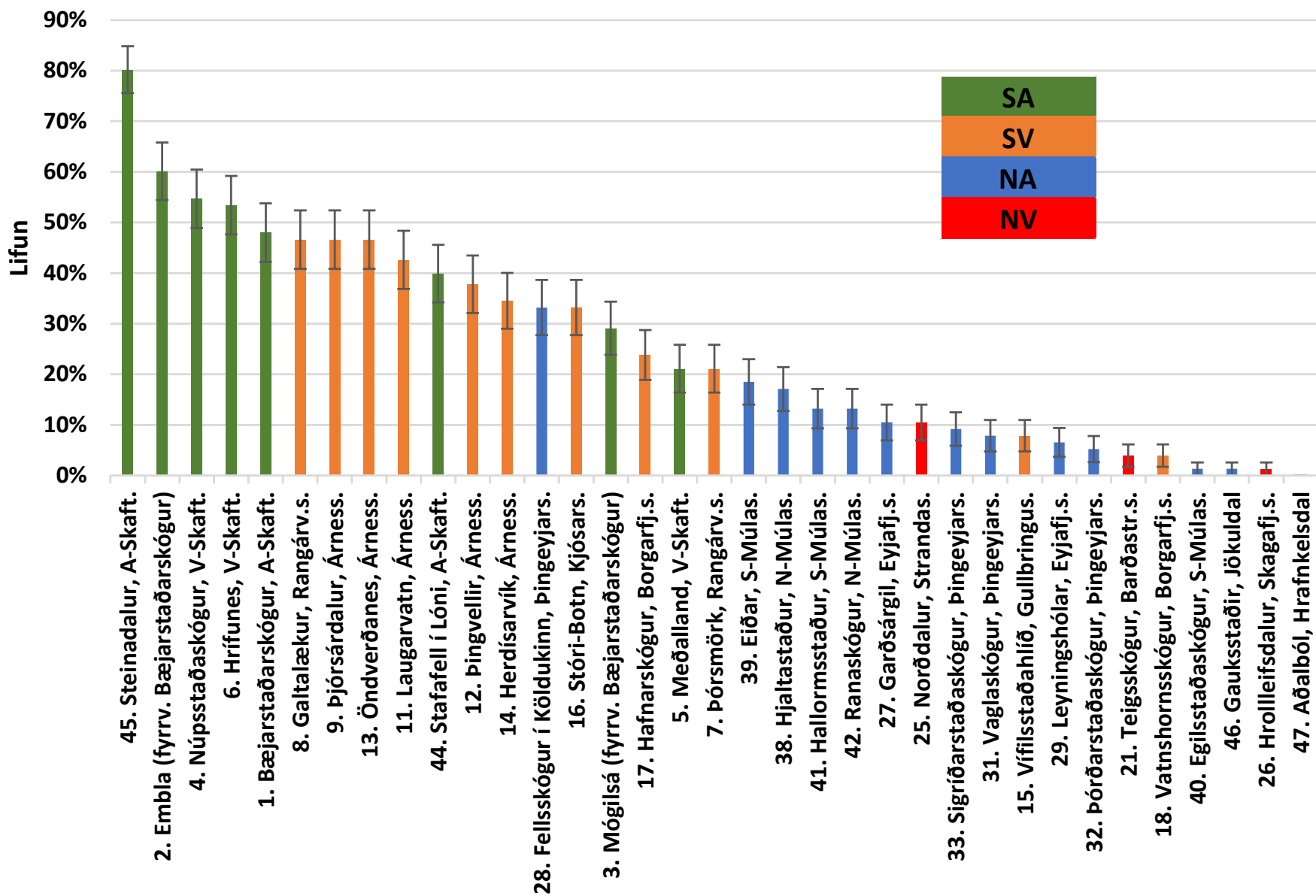
- Gróðursetning 1998
- Söfnunarstaðir 1994-95



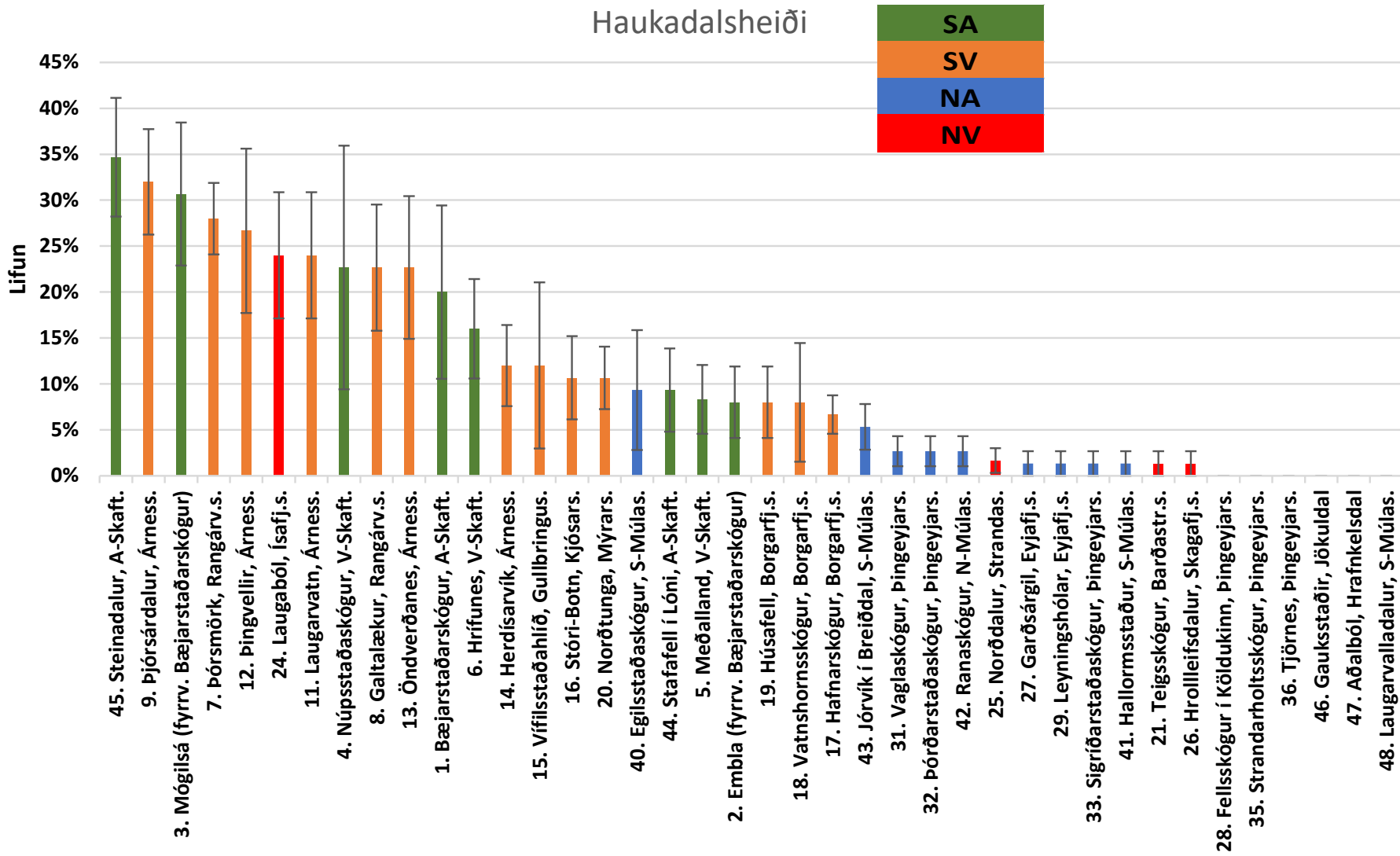
Varmidalur



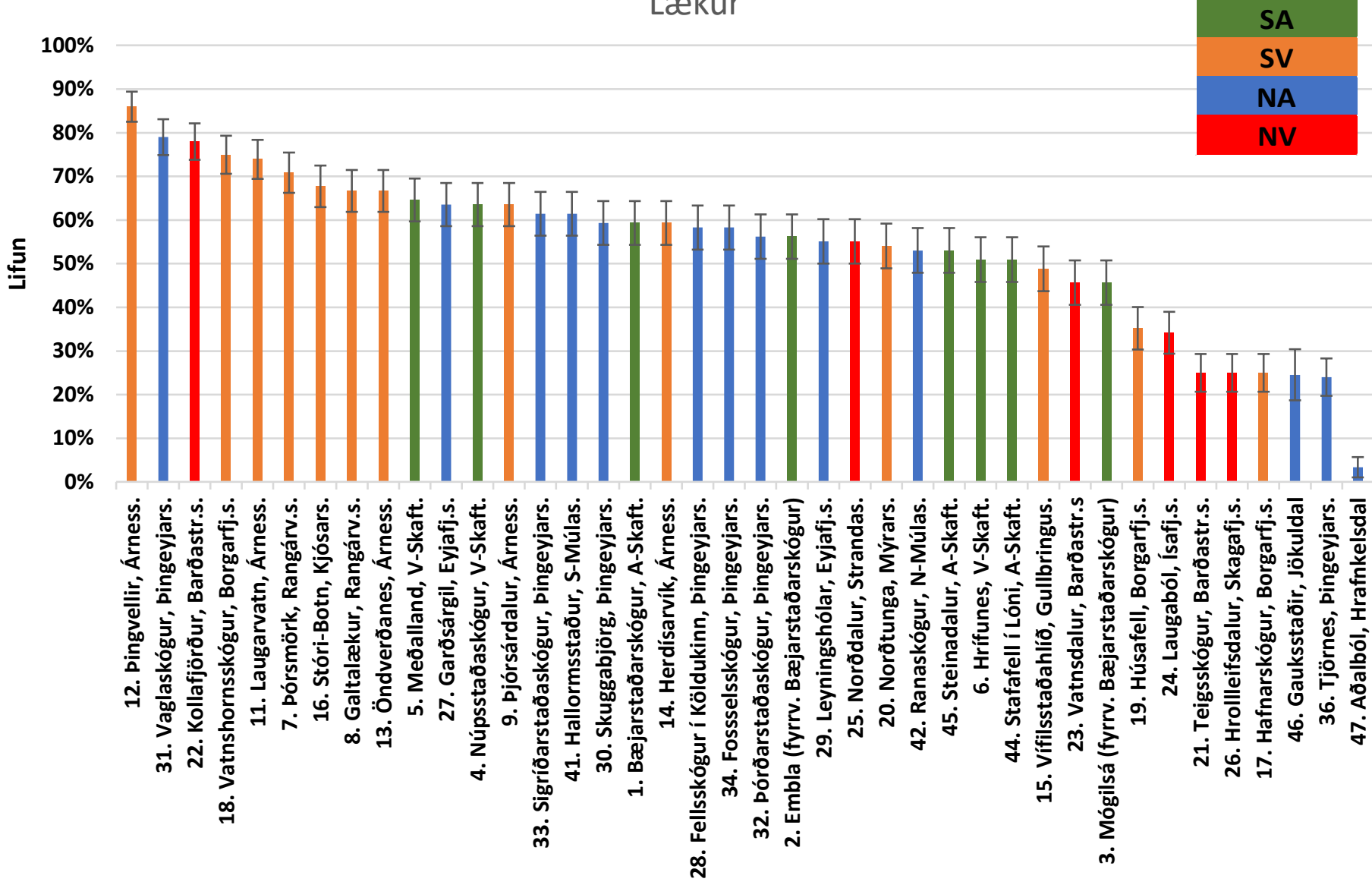
Fagurhólmýri



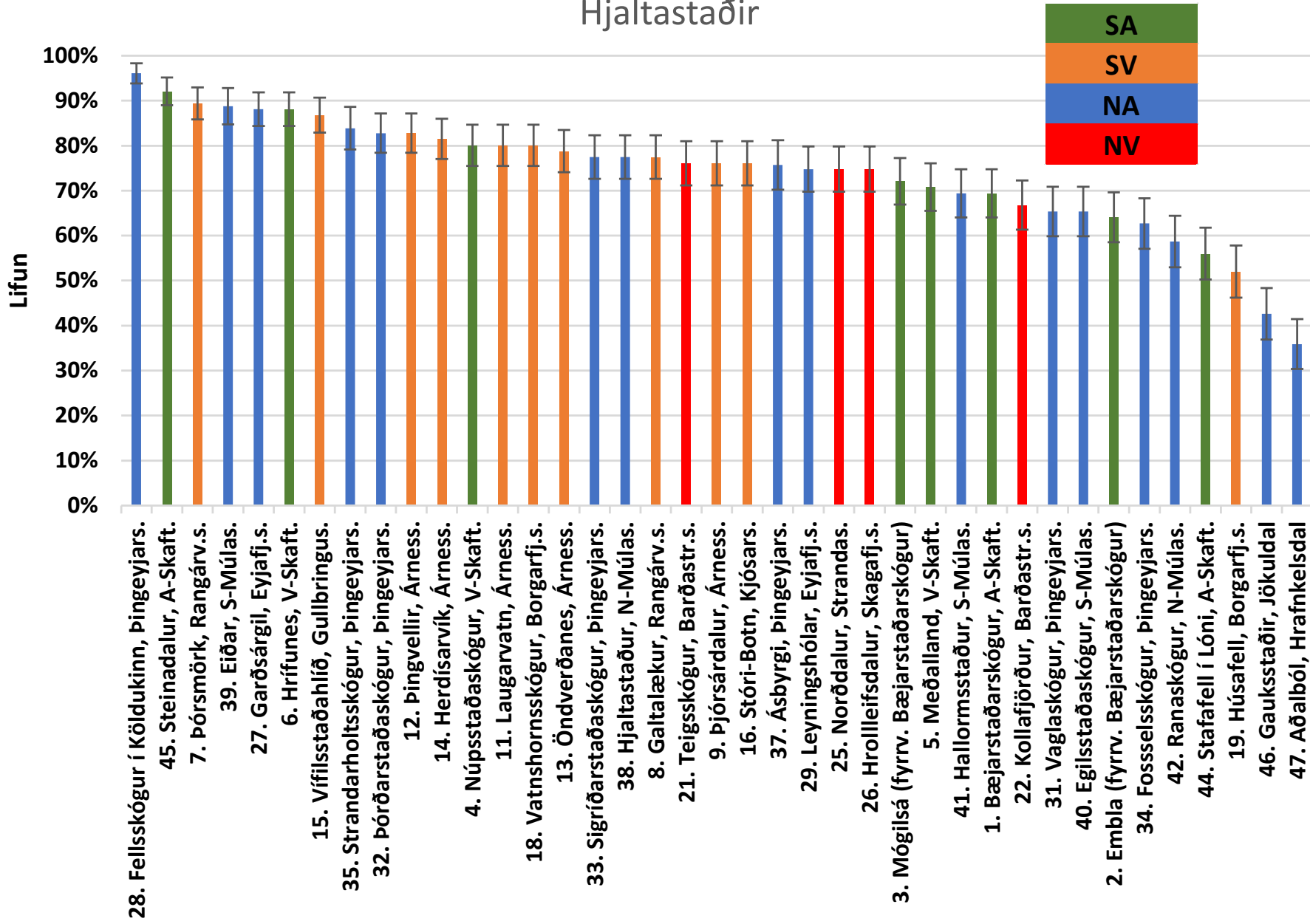
Haukadalsheiði



Lækur



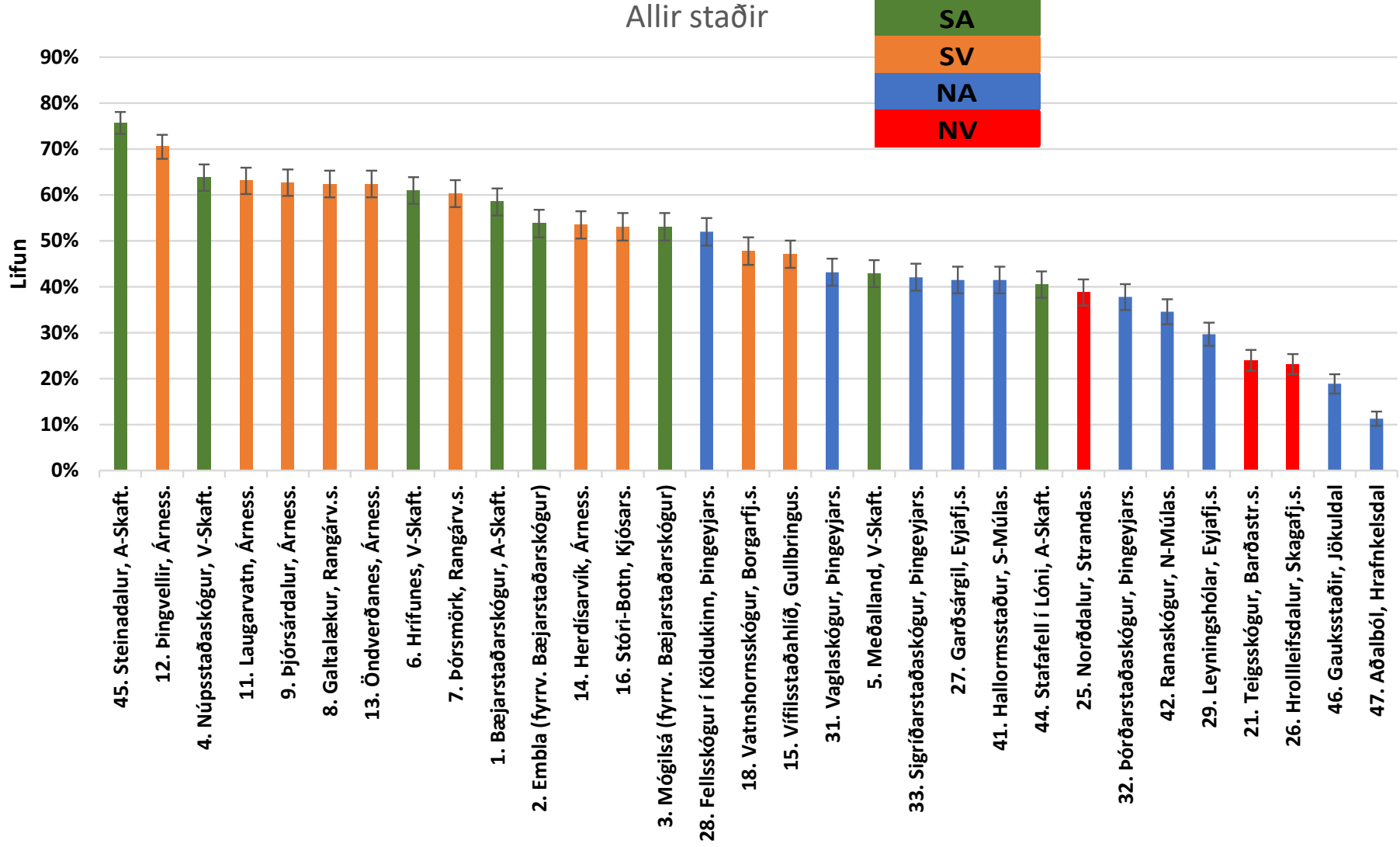
Hjaltastaðir



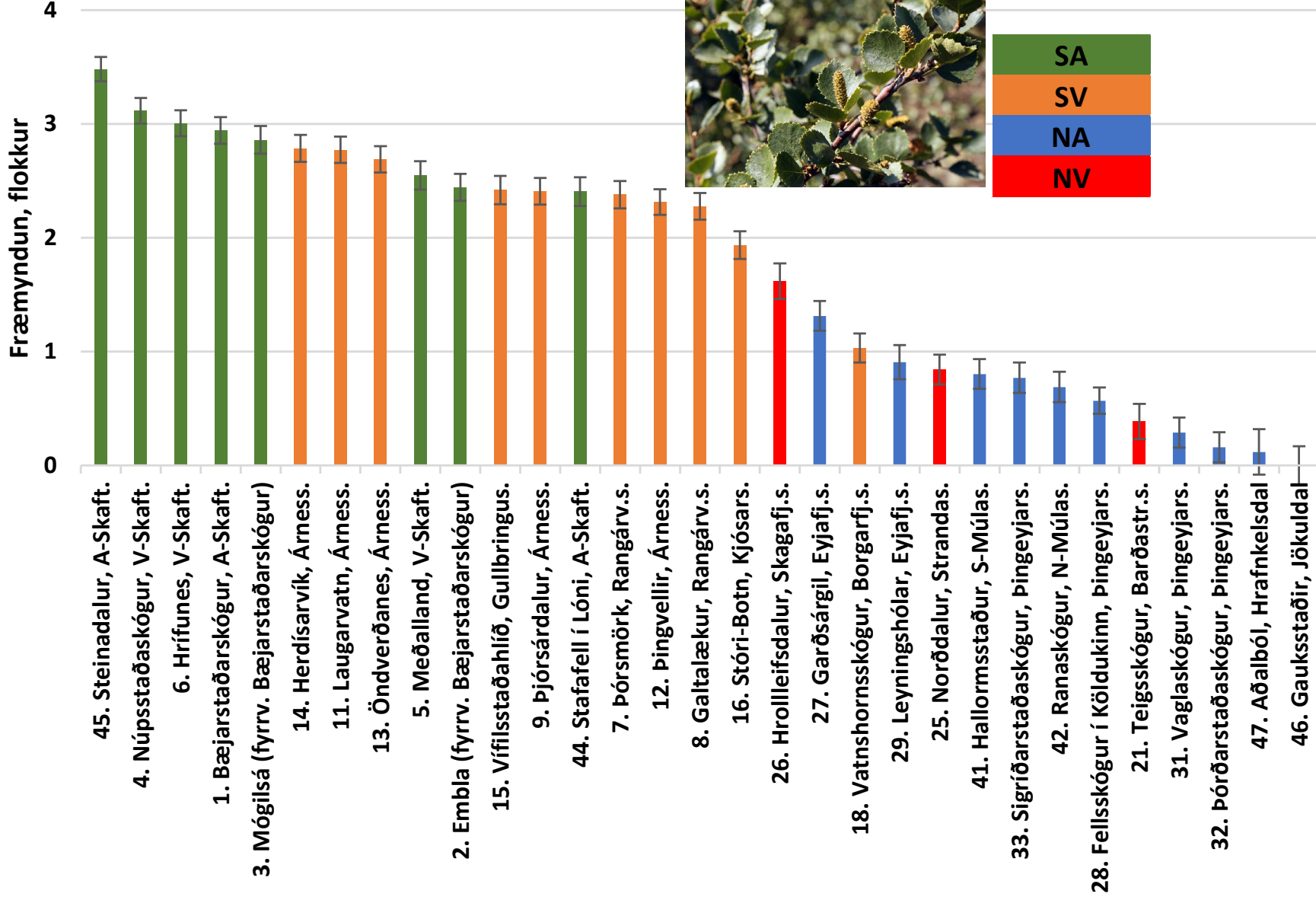
Fylgni í lifun á milli tilraunastaða

	<i>Fagurhólsmýri</i>	<i>Varmidalur</i>	<i>Hjaltastaðir</i>	<i>Lækur</i>	<i>Haukadalsheiði</i>
Fagurhólsmýri	1				
Varmidalur	<i>0,70</i>	1			
Hjaltastaðir	0,32	<i>0,44</i>	1		
Lækur	0,35	<i>0,52</i>	<i>0,54</i>	1	
Haukadalsheiði	<i>0,73</i>	<i>0,74</i>	<i>0,37</i>	<i>0,39</i>	1

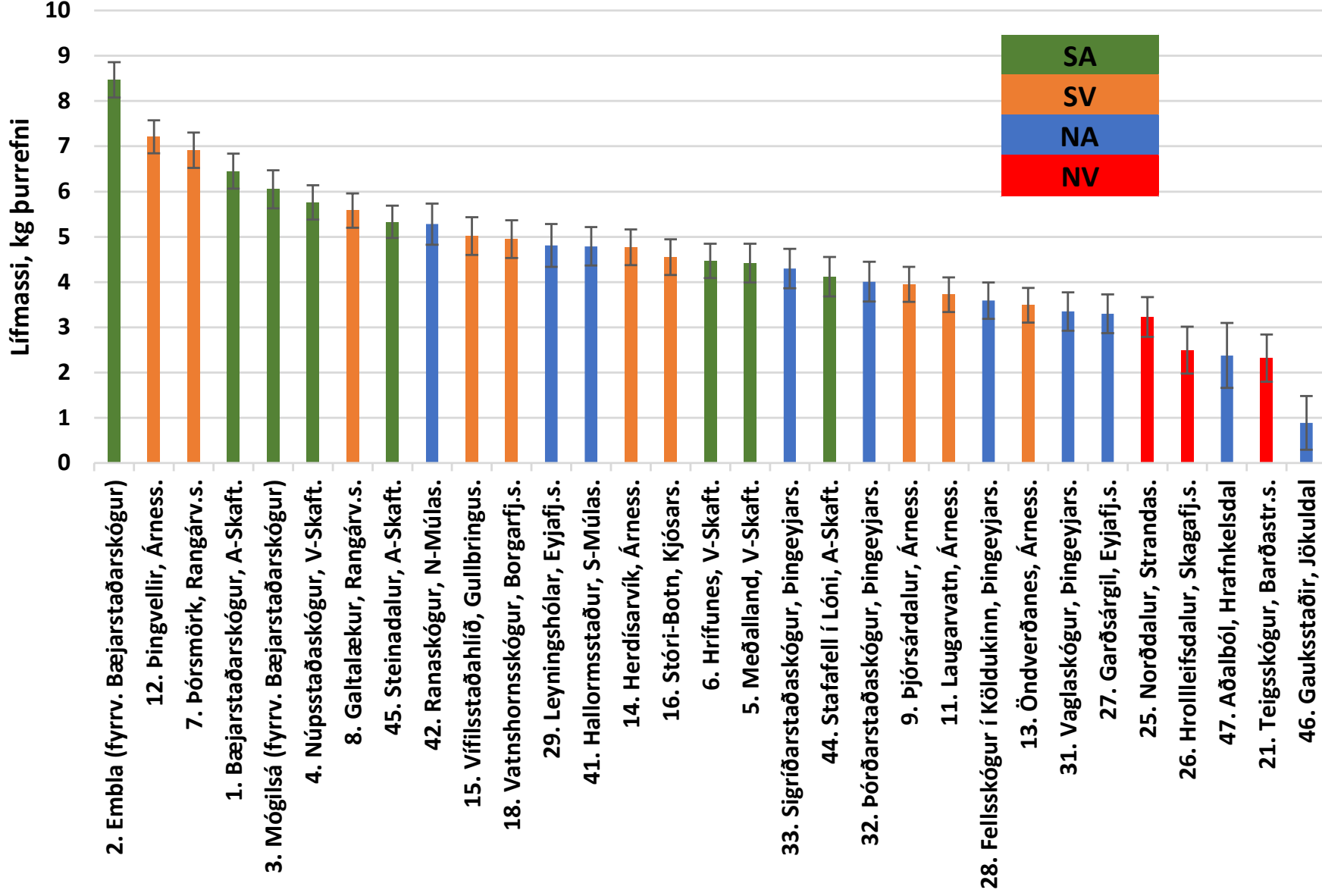
Allir staðir



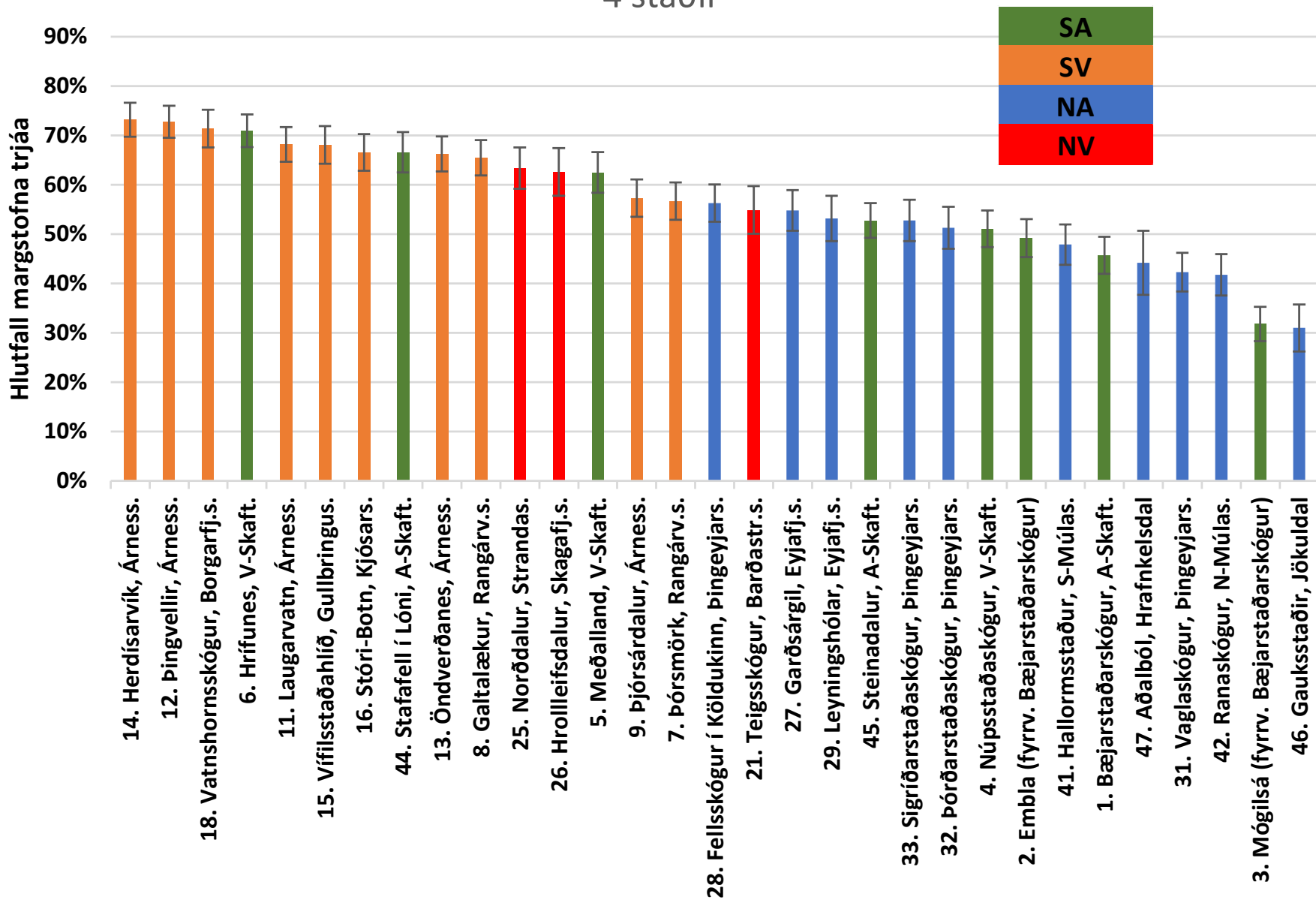
4 staðir



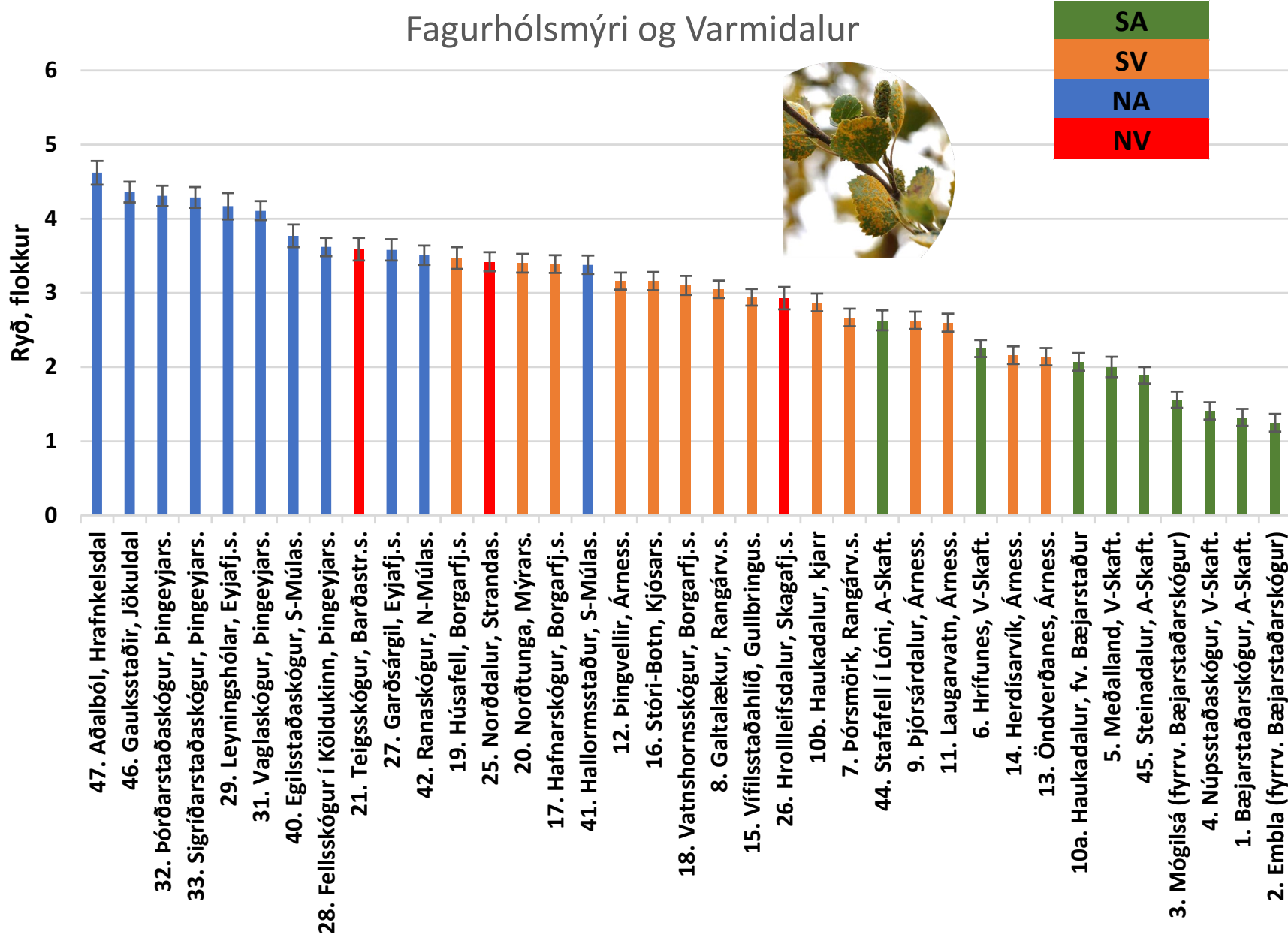
4 staðir



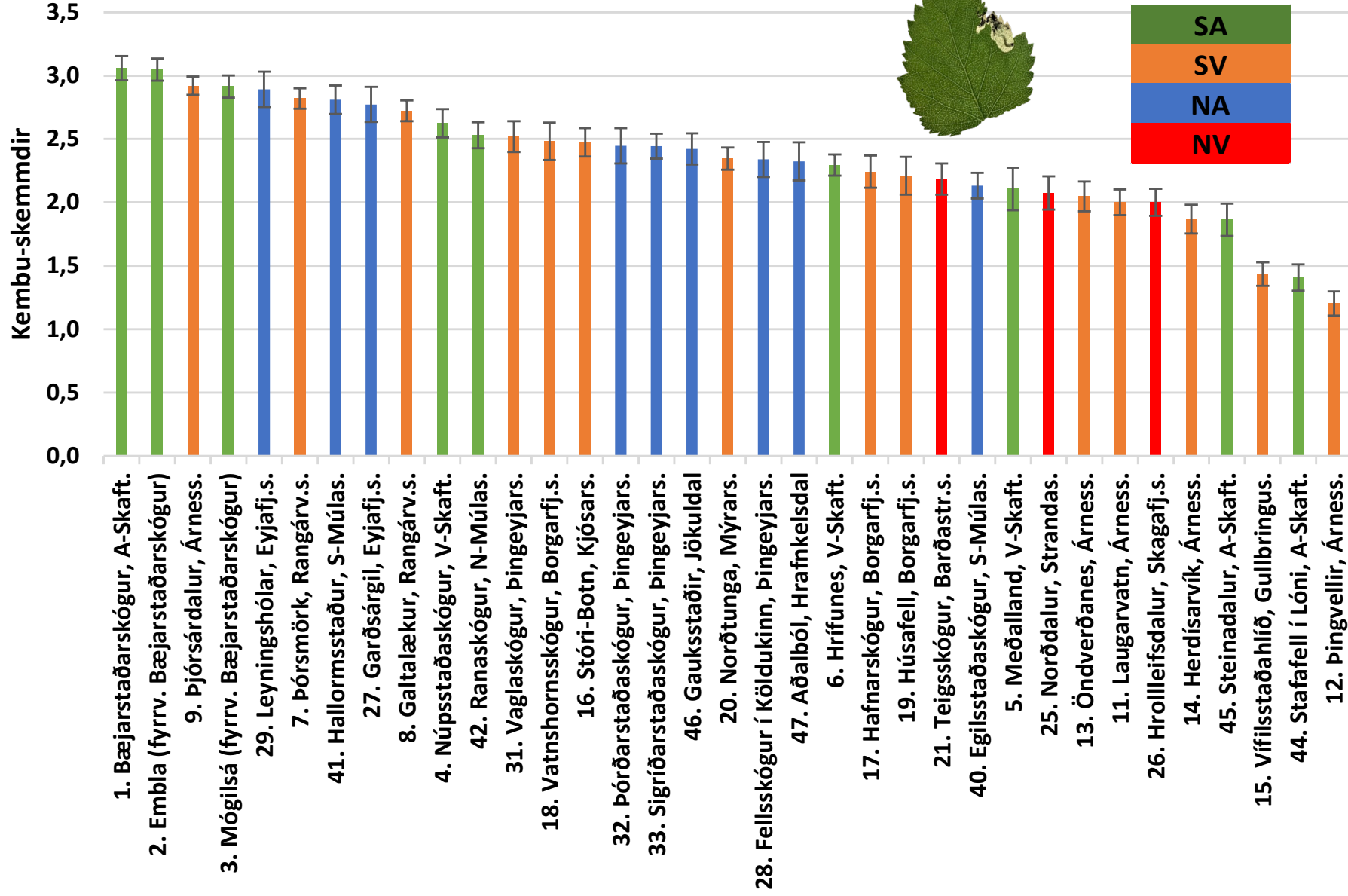
4 staðir



Fagurhólsmýri og Varmidalur



Varmidalur



Hvaða birkikvæmi eru best?

- Lifun – SA + SV
- Lífmassi / kolefnisbinding – SA + SV
- Fræmyndun - SA
- Einstofna – SA + NA
- Ryðþol - SA
- Mótstaða gegn birkikembu – laufgast seint



Ræktun og kynbætur

- Bæjarstaðabirkið og Embla almennt að koma vel út
- Steinadalur, Þingvellir og Þórsmörk koma á óvart
- Nota áfram úrvalsbirki af Bæjarstaðauppruna sem grunn í ræktun og kynbótum og bæta inn í góðum klónum af öðrum stofnum til að tryggja erfðafjölbreytni



Pakkir til:

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- Raket Jónsdóttir
- Jóhanna Ólafsdóttir
- Kristján Jónsson
- Sæmundur Þorvaldsson

Verkefni var styrkt af:

- Rarik
- Ingvari Helgasyni

