

GLOBAL BIODIVERSITY INFORMATION FACILITY - GBIF

MEETING ON THE 5TH OF FEBRUARY 2020 FOR THE PRIVATE SECTOR ABOUT BIODIVERSITY DATA

UNIVERSITY OF OSLO, NATURAL HISTORY MUSEUM AT TØYEN

EXPERIENCES FROM USERS

PER GERHARD IHLEN, ASPLAN VIAK AS

DR. SCIENT.

ABOUT ASPLAN VIAK AS

ONE OF THE LARGE ENGINEERING CONSULTING COMPANIES IN NORWAY, WITH MORE THAN 31 OFFICES AND MORE THAN 1000 EMPLOYEES

- PLANNING PROCESSES
- ARCHITECTURE
- LANDSCAPE ARCHITECTURE
- TRANSPORT
- CONSTRUCTION ENGINEERING
- TECHNICAL INSTALLATIONS
- ENVIRONMENTAL ENGINEERING



PROSJEKTER

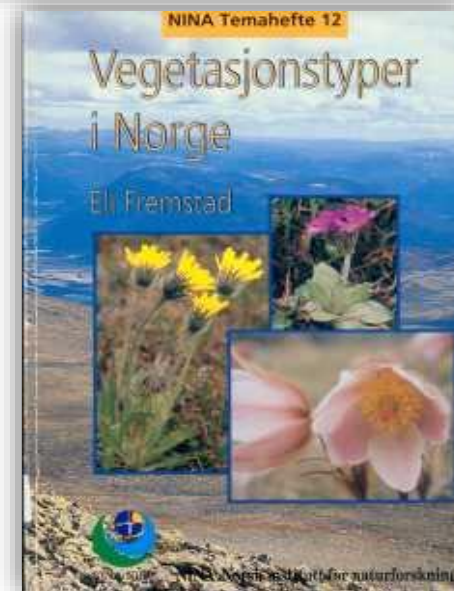
Reinventing Cities Stovner – Moderne gjenbruk

[Les mer >>](#)

BIOLOGY IN ASPLAN VIAK AS

SEVEN BIOLOGISTS INVOLVED IN PLANNING PROCESSES.
COVERING DIFFERENT FIELDS SUCH AS

- NATURE TYPES (NIN)
- VEGETATION SURVEYS
- SPECIES REGISTRATIONS
- AQUATIC BIOLOGY
- FISH BIOLOGY



ALIEN SPECIES

ARUNCUS DIOICUS



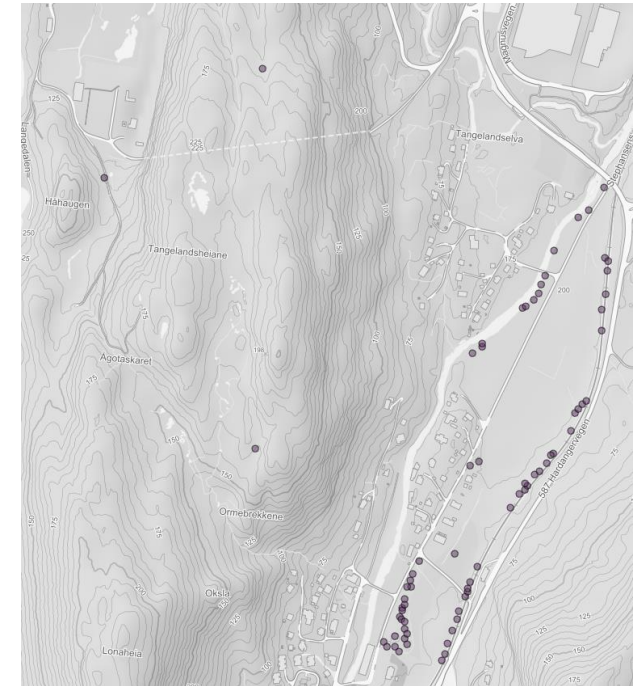
COTONEASTER BULLATUS



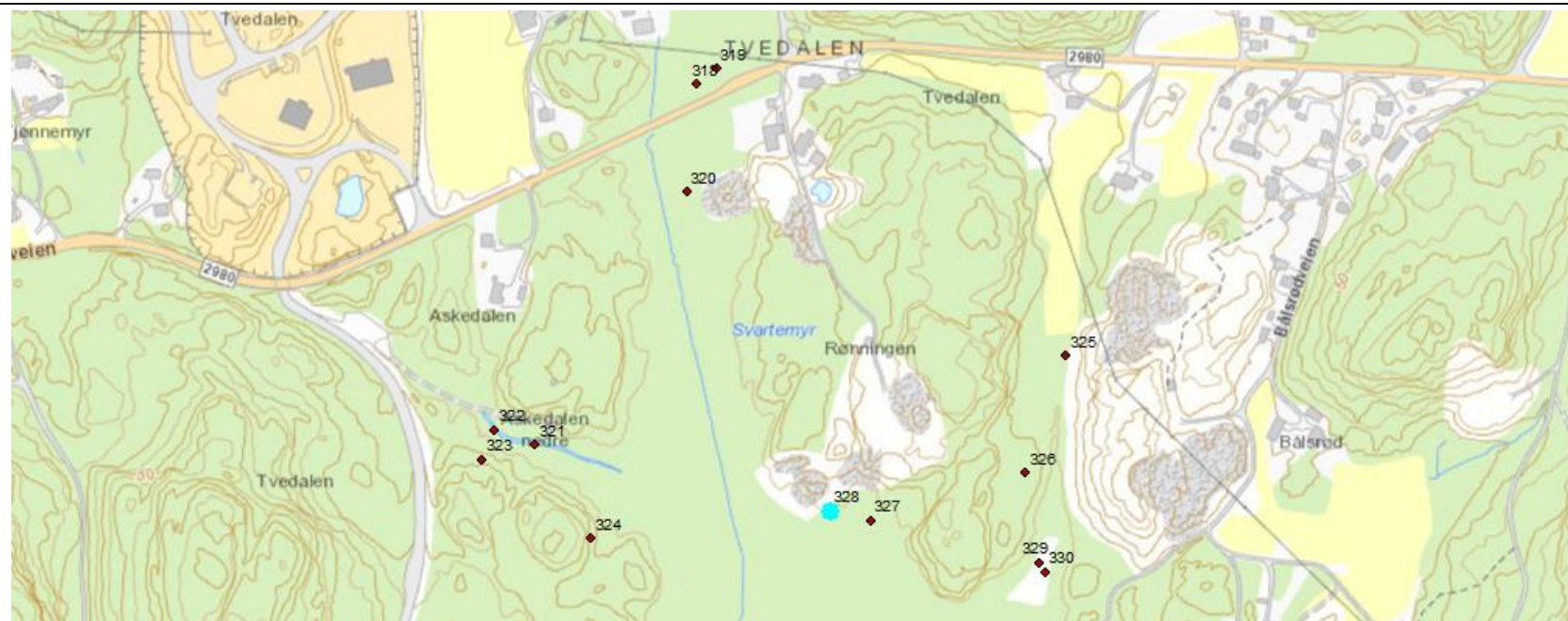
LUPINUS POLYPHYLLUS



ACER PSEUDOPLATANUS



REGISTRATION OF SPECIES



Table



Alle_veipunkt_2019_etr32

OBJECTID*	Shape*	Name	Descript	Type	Comment	Symbol	DateTimeS	Elevation	DateTime	Veipunktfilnavn	Øst	Nord
1095	Point Z	325		WPT		Flag, Blue	2019-09-12T09:54:47Z	12,359158	12.09.2019 09.54.47	Veipunkter_12_SEP_19	205190	6554595
1096	Point Z	326		WPT		Flag, Blue	2019-09-12T10:15:47Z	18,66716	12.09.2019 10.15.47	Veipunkter_12_SEP_19	205155	6554496
1097	Point Z	327		WPT		Flag, Blue	2019-09-12T10:50:34Z	12,425881	12.09.2019 10.50.34	Veipunkter_12_SEP_19	205024	6554456
1098	Point Z	328		WPT		Flag, Blue	2019-09-12T10:55:34Z	12,436009	12.09.2019 10.55.34	Veipunkter_12_SEP_19	204990	6554463
1099	Point Z	329		WPT		Flag, Blue	2019-09-12T11:47:21Z	17,287603	12.09.2019 11.47.21	Veipunkter_12_SEP_19	205168	6554420
1100	Point Z	330		WPT		Flag, Blue	2019-09-12T11:48:00Z	17,552111	12.09.2019 11.48.00	Veipunkter_12_SEP_19	205172	6554412
1101	Point Z	331		WPT		Flag, Blue	2019-09-12T15:44:07Z	11,976213	12.09.2019 15.44.07	Veipunkter_12_SEP_19	205164	6554083
1102	Point Z	332		WPT		Flag, Blue	2019-09-12T16:05:27Z	37,486103	12.09.2019 16.05.27	Veipunkter_12_SEP_19	205213	6553895
1142	Point Z	333		WPT		Flag, Blue	2019-09-13T08:05:37Z	29,515568	13.09.2019 08.05.37	Veipunkter_13_SEP_19	205501	6553608
1143	Point Z	334		WPT		Flag, Blue	2019-09-13T09:18:49Z	13,208098	13.09.2019 09.18.49	Veipunkter_13_SEP_19	205581	6552906
1144	Point Z	335		WPT		Flag, Blue	2019-09-13T10:06:00Z	5,344331	13.09.2019 10.06.00	Veipunkter_13_SEP_19	205574	6553037
1145	Point Z	336		WPT		Flag, Blue	2019-09-13T11:10:48Z	17,728432	13.09.2019 11.10.48	Veipunkter_13_SEP_19	205327	6553124
1146	Point Z	337		WPT		Flag, Blue	2019-09-13T12:06:44Z	20,688408	13.09.2019 12.06.44	Veipunkter_13_SEP_19	205218	6553257

328 (1 out of 429 Selected)



Datasets 1

SEARCH DATASETS | 14 RESULTS

- Search
- Publisher
 - Asplan Viak AS
- Host
- Publishing country or area
- Project
- License

ALL OCCURRENCE CHECKLIST SAMPLING EVENT METADATA

Verdivurdering naturmangfold E39 Stord-Os

Occurrence dataset

Data was collected as a part of biodiversity survey in the area between Stord, Tysnes and Os in Hordaland, in connection with the planning process of a new European route E39.

Published by Asplan Viak AS

621 occurrences 30 citations



Vegetation survey in Vestfold, Norway 2018

Occurrence dataset

Data was collected as part of a vegetation survey in the county of Vestfold in Norway.

Published by Asplan Viak AS

310 occurrences 5 citations



Tillegg Røtinga i Os

Occurrence dataset

Data was collected as a part of a biodiversity survey in an area in Os in Hordaland where a road is planned.

Published by Asplan Viak AS

225 occurrences 15 citations



Lindesnes

Occurrence dataset

Data was collected as a part of forest conservation survey in the area between lake Tarvannet and lake Fisketjønnå in Lindesnes, Vest-Agder.

Published by Asplan Viak AS

50 occurrences 33 citations



Biodiversity mapping in connection with a new road (Fv. 17) between Dyrstad and Østvik in Steinkjer, Norway.

Occurrence dataset

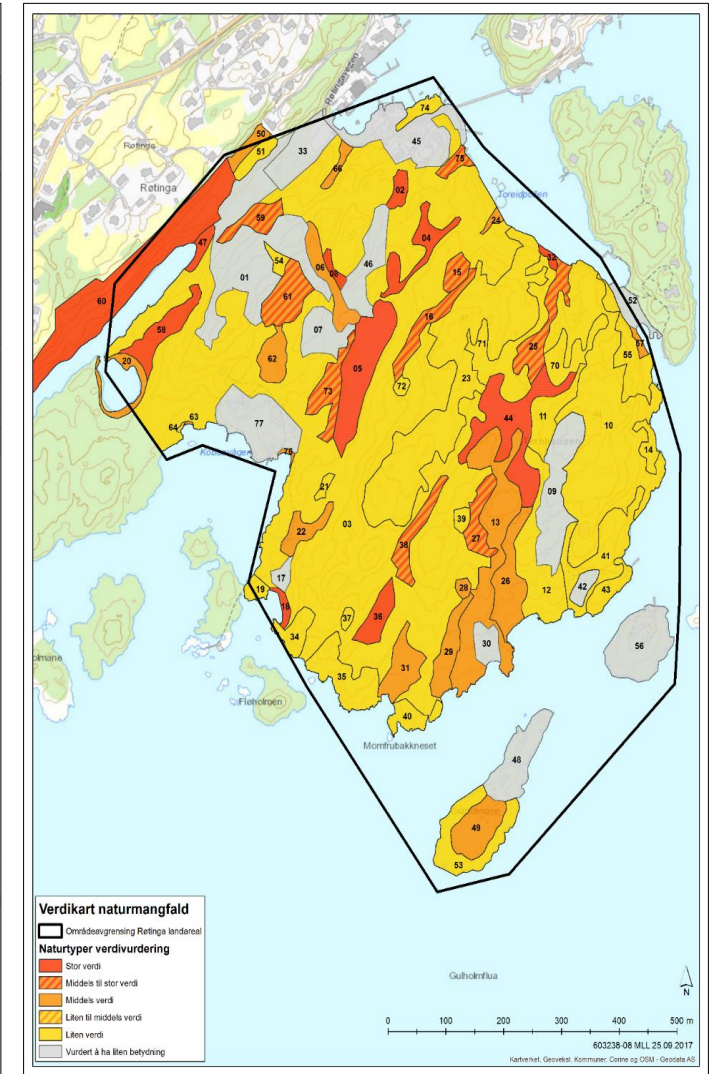
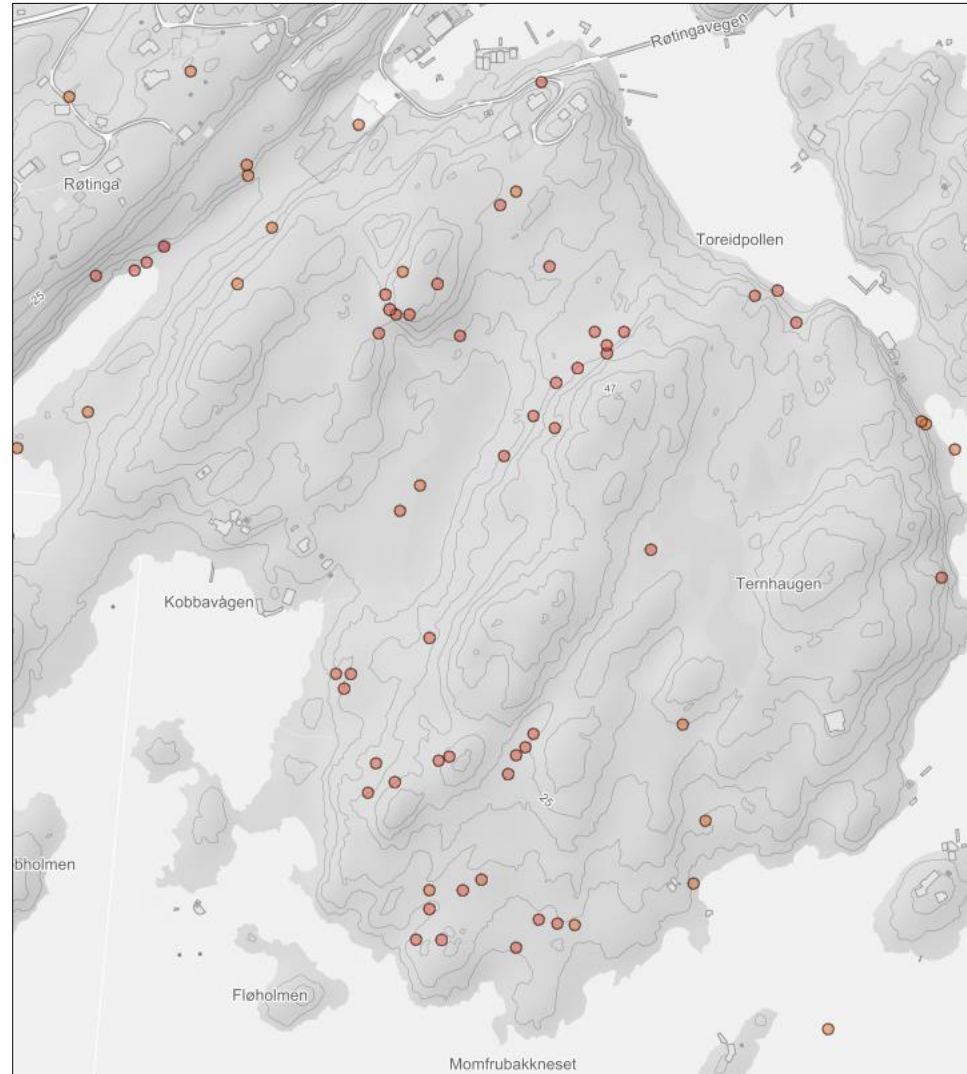
Nature types were mapped and species registered in connection with the planning process of a new road (Fv. 17) between Dyrstad and Østvik in Steinkjer, Trøndelag county.

Published by Asplan Viak AS

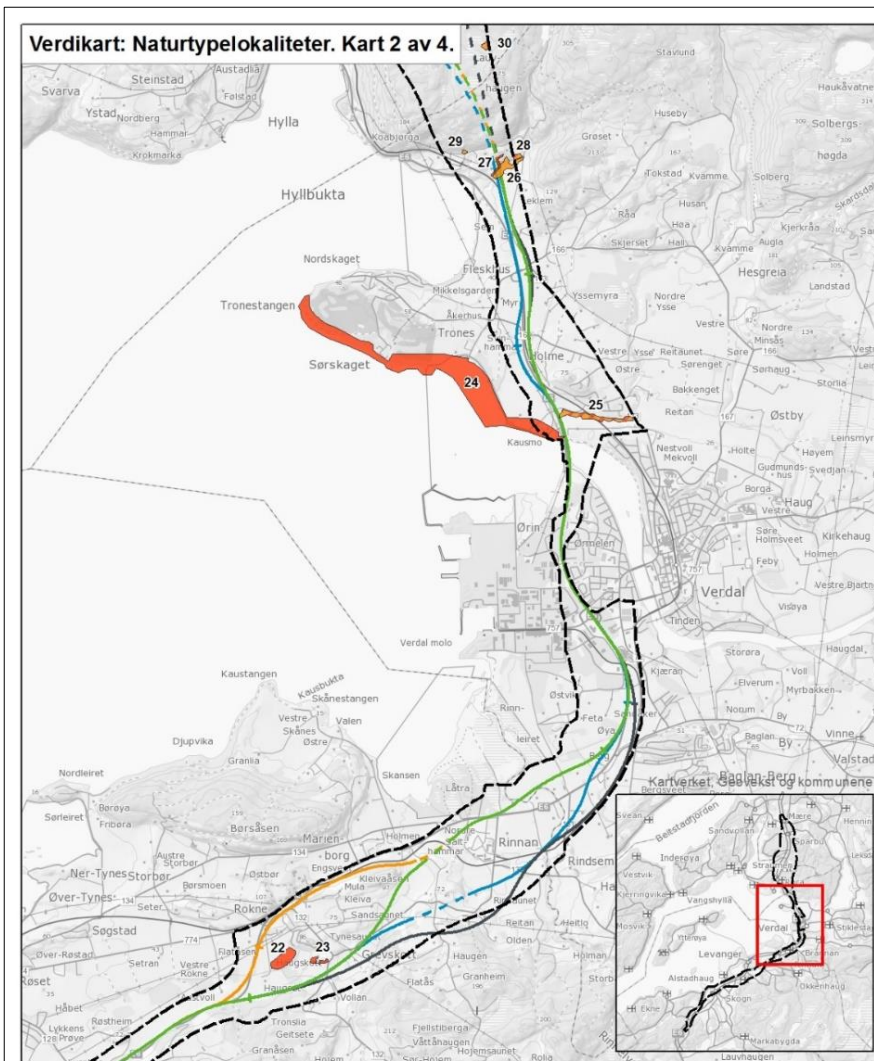
267 occurrences 1 citation



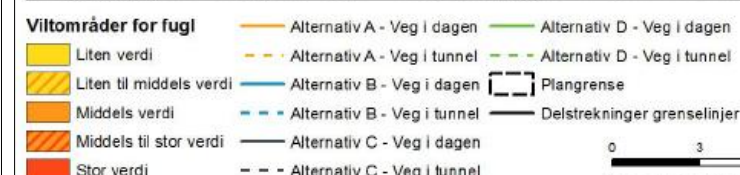
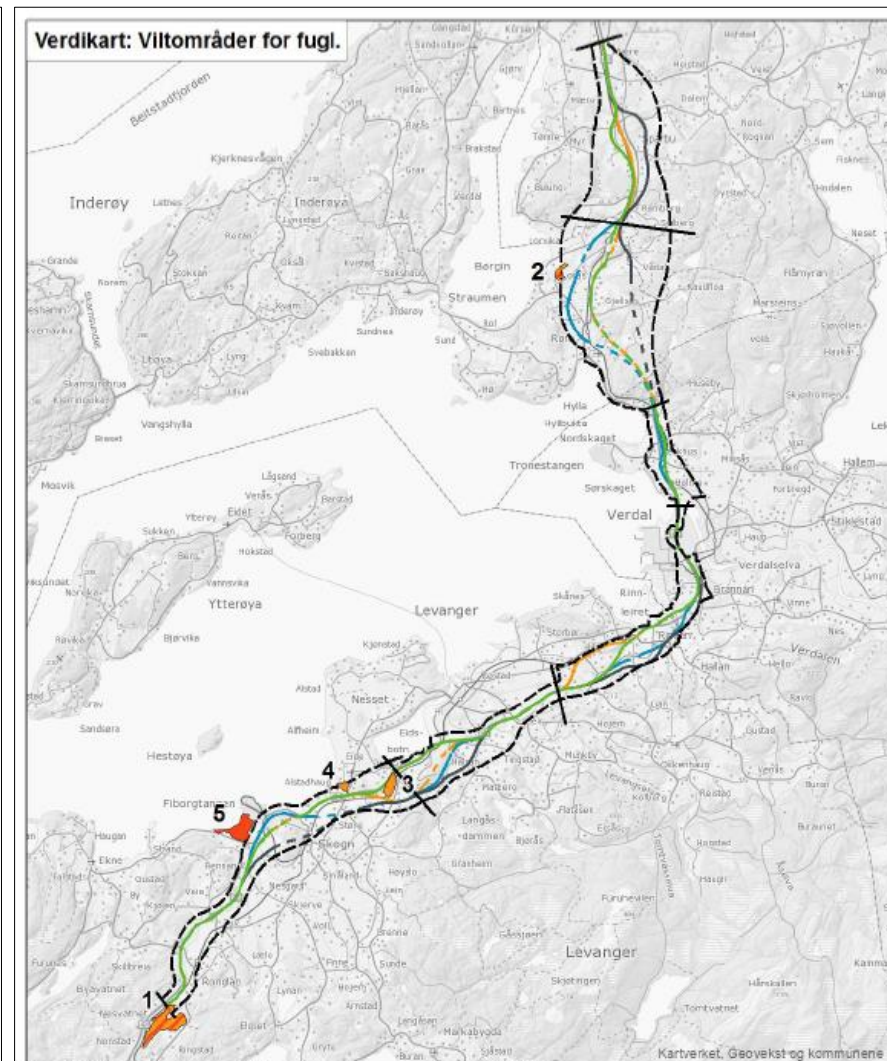
NATURETYPES IN CONNECTION WITH NEW BRIDGE (ROUTE E39) ACROSS FJORD BJØRNAFJORDEN



PLANNING PROCESSES OF A NEW EUROPEAN ROUTE E6 BETWEEN ÅSEN AND MÆRE



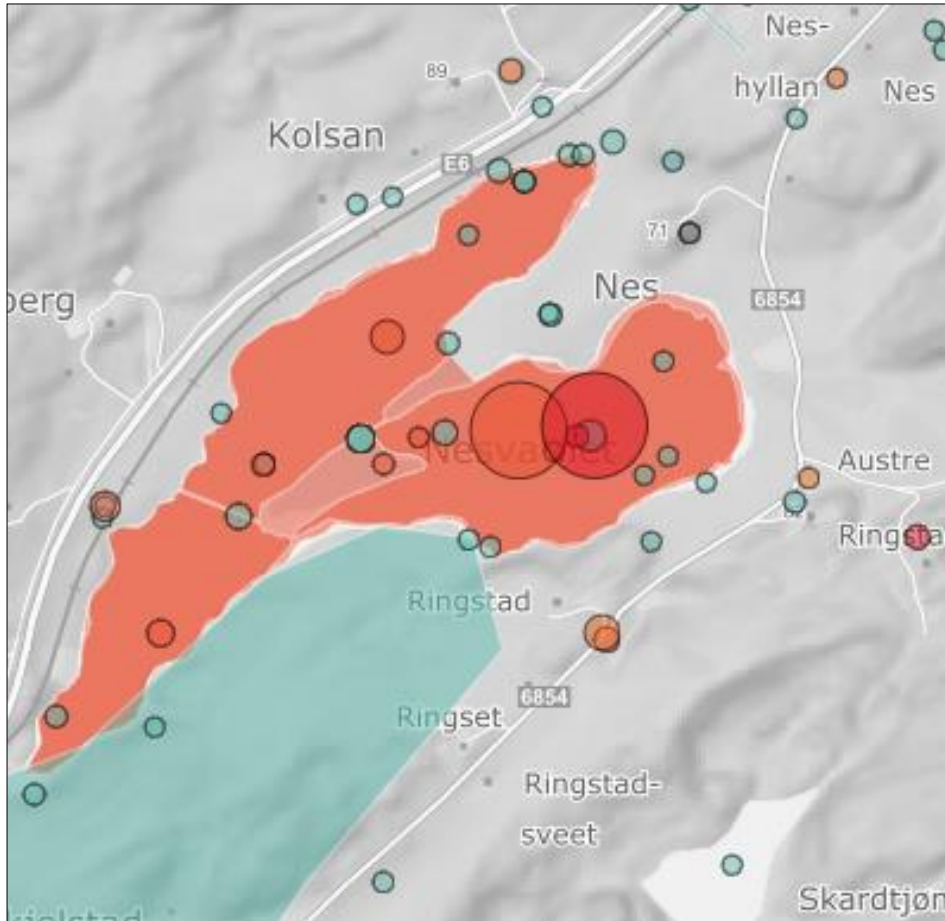
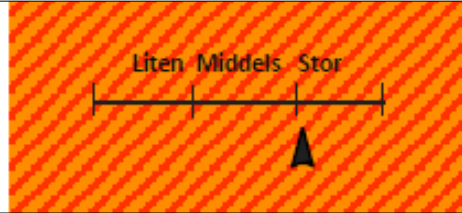
0 1 2 3 km
 Prosjektnr. 609391-01 ML dato: 08.03.2017



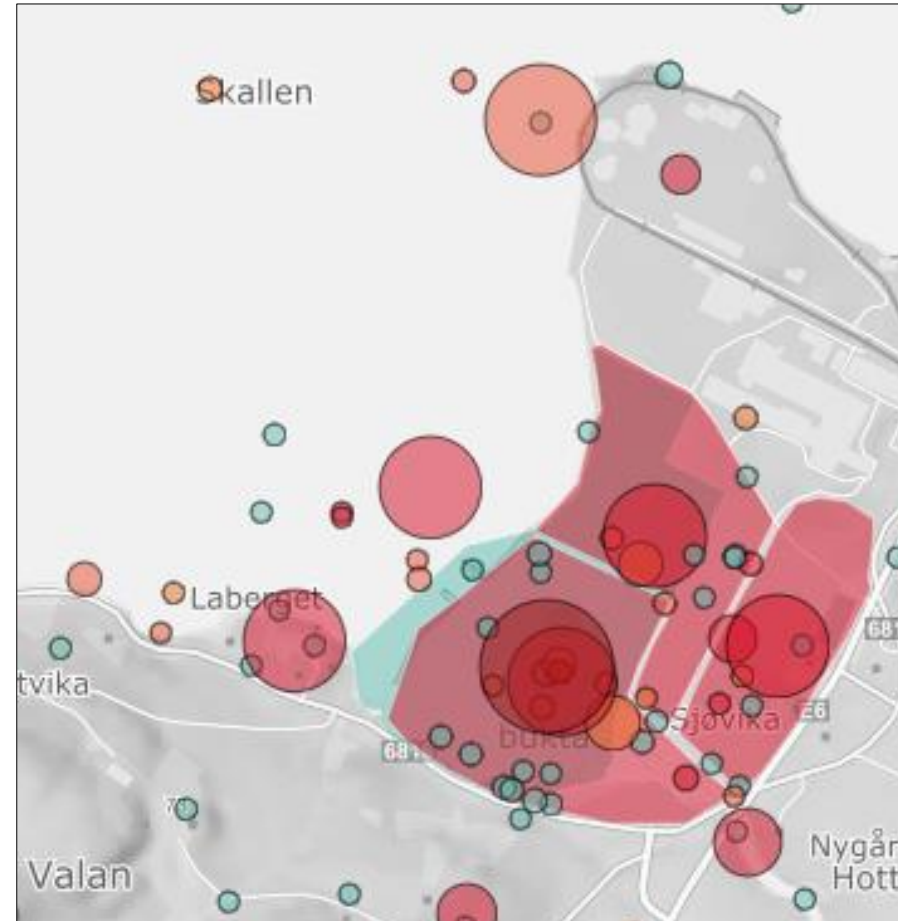
0 3 6 9 km
 Prosjektnr. 609391-01 ML dato: 21.09.2017

PLANNING PROCESSES OF A NEW EUROPAEN ROUTE E6 BETWEEN ÅSEN AND MÆRE

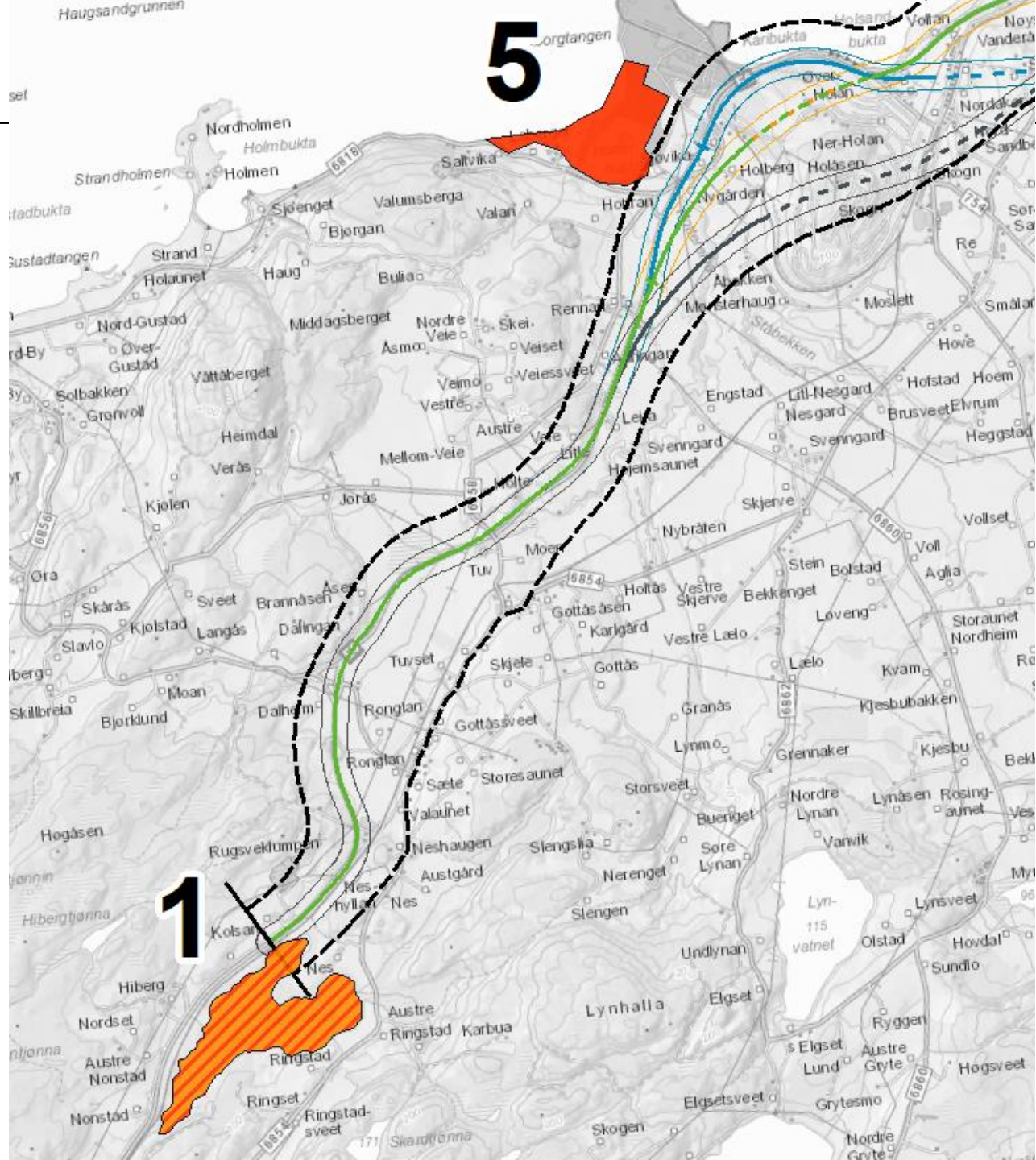
1 Nesvatnet



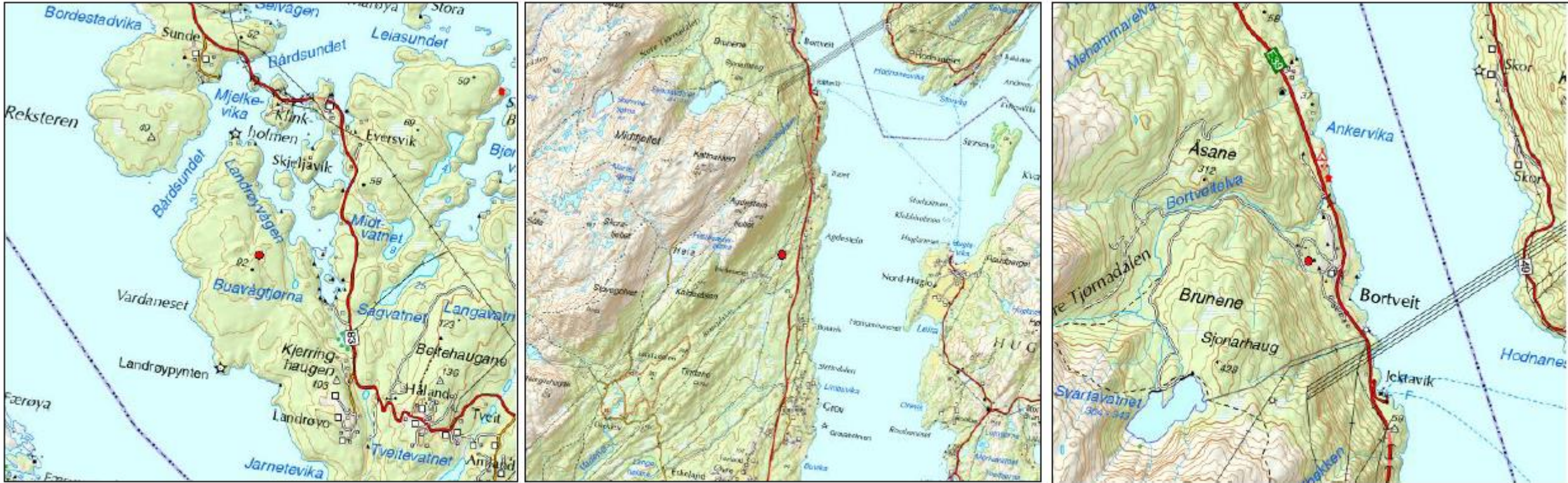
5 Hotterbukta



PLANNING PROCESSES OF A NEW EUROPAEN ROUTE E6 BETWEEN ÅSEN AND MÆRE



RED LISTED SPECIES



Figur 3. Forekomster av kystskriftlav (t.v.), skogfredløs (midten) og rød honningvoksopp (t.h.), som er vurdert til henholdsvis sårbar (VU), nær truet (NT) og sårbar (VU). Fra Artsdatabankens Artskart.

**NATUR I
NORGE -
NIN**

Landscape
(landskap)



Ecological system
(Natursystem)



Microhabitat (livsmedium)



ECOLOGICAL SYSTEM (NATURSYSTEM)

T21	Polarørken				Polar desert
		1	kalkfattig polarørken		lime-poor polar desert
		2	intermediær polarørken		intermediate to relatively lime-rich polar desert
		3	kalkpolarørken		lime-rich polar desert
T22	Blokkmark				Boulder field
T23	Fastmarksskogsmark				Non-wetland terrestrial forest
		1	blåbærskog		bilberry forest
		2	småbregneskog		small-fern forest
		3	svak lågurtskog		intermediate low-herb forest
		4	lågurtskog		low-herb forest
		5	lågurtkalkskog		lime-rich low-herb forest
		6	blåbærfuktskog		moist bilberry forest
		7	småbregnefuktskog		moist small-fern forest
		8	storbregneskog		tall-fern forest
		9	høgstaudekog		tall-herb forest
		10	høgstaudekalkskog		lime-rich tall-herb forest
		11	lyngskog		heath forest
		12	lågurtlyngskog		low-herb heath forest
		13	lågurt-lyngkalkskog		lime-rich low-herb heath forest
		14	olivinskog		ultramafic forest
		15	lågurt-olivinskog		low-herb ultramafic forest
		16	lyngfuktskog		moist heath forest
		17	lågurt-lyngfuktskog		moist low-herb heath forest
		18	lågurt-lyngkalkfuktskog		moist lime-rich low-herb heath forest
		19	olivinufuktskog		moist ultramafic forest
		20	lågurt-olivinufuktskog		moist low-herb ultramafic forest
		21	lavskog		lichen forest
		22	kalkrik lavskog		relatively lime-rich lichen forest
		23	lavkalkskog		lime-rich lichen forest
		24	lavfuktskog		moist lichen forest
		25	kalkrik lavfuktskog		moist relatively lime-rich lichen forest
		26	lavkalk-fuktskog		moist lime-rich lichen forest



MICROHABITAT (LIVSMEDIUM)



T7	På bark			On bark
		1	kalkfattig glatt tørr bark	lime-poor smooth bark in low-humidity air
		2	kalkfattig glatt middels fuktig bark	lime-poor smooth bark in intermediate-humidity air
		3	kalkfattig glatt fuktig bark	lime-poor smooth bark in high-humidity air
		4	kalkfattig ruglete tørr bark	lime-poor rough bark in low-humidity air
		5	kalkfattig ruglete middels fuktig bark	lime-poor rough bark in intermediate-humidity air
		6	kalkfattig ruglete fuktig bark	lime-poor rough bark in high-humidity air
		7	kalkfattig tørr sprekke-bark	lime-poor cracked bark in low-humidity air

OR?

- CORTICOLOUS ON *SORBUS AUCUPARIA*
- LIGNICOLOUS ON *PINUS SYLVESTRIS*
- SAXICOLOUS ON *SHCISTOSE ROCK*
- ETC.

THANK
YOU!

