Kā un kāpēc pētīt gļotsēnes?

Julita Kluša
julita@dziedava.lv

1890 1908 1931 1987 2006 2019

Foto: Inguna Riževa

Gļotsēnes Dabasdatos
2008 - 2019

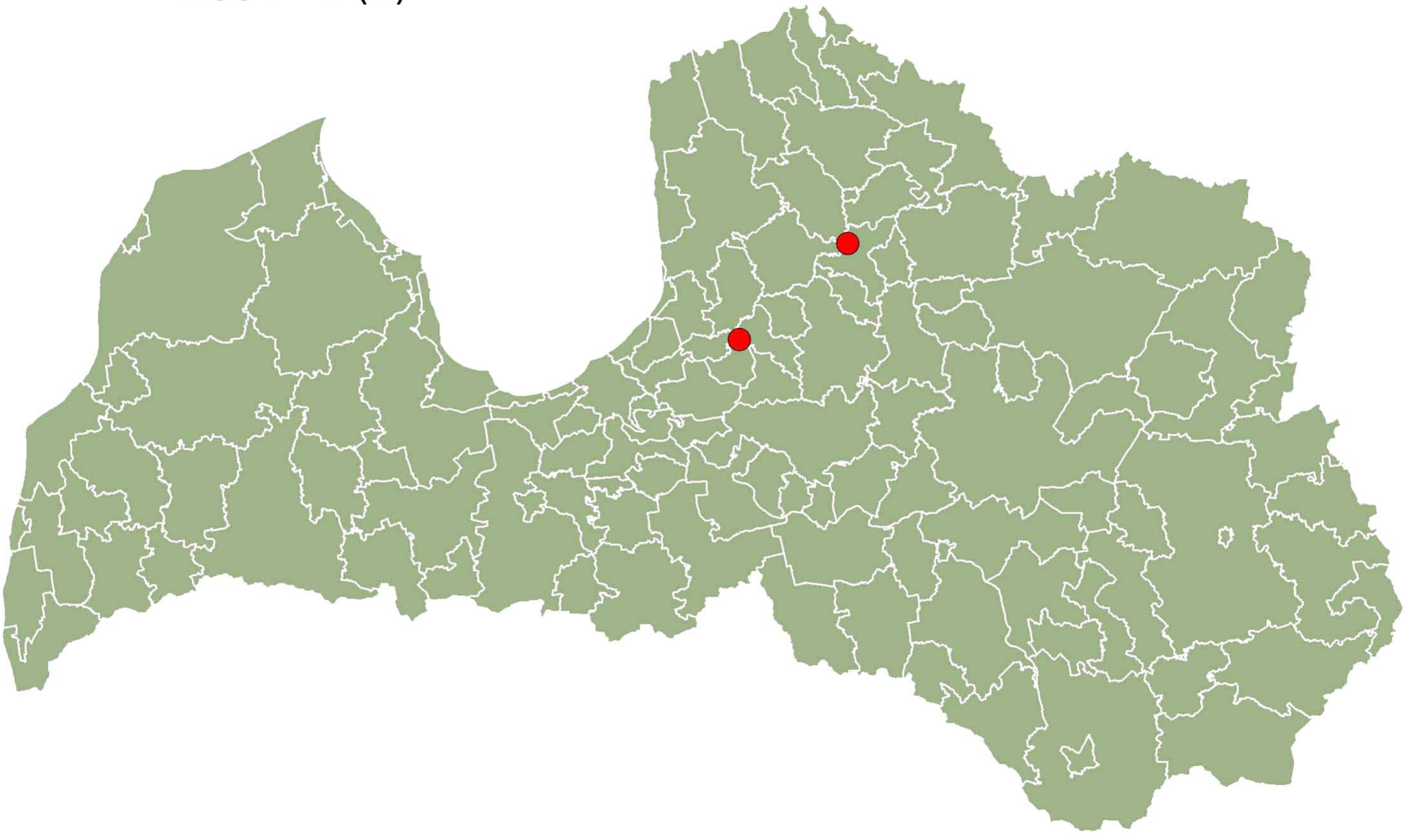
*** 2963 novērojumi** (2019.g. - 1586)

*** 90 dažādas sugas** (2019.g. - 75)

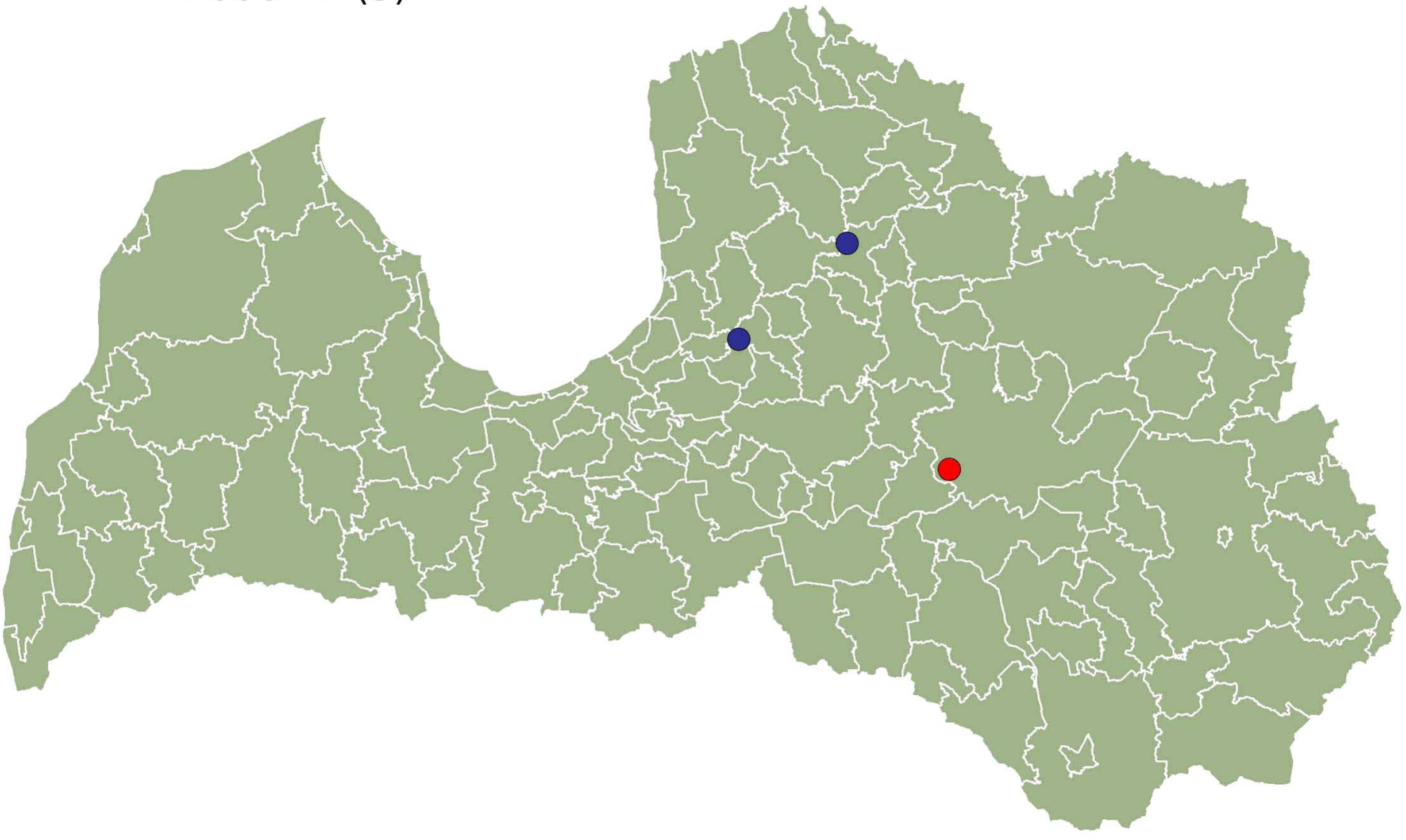
*** 20 jaunas sugas LV**

* 2019. g. 17 sugām pirmie novērojumi DD, no tām 6 jaunas sugas LV, pārējās visdrīzāk retas, lokālas vai grūti nosakāmas/sajaucamas.

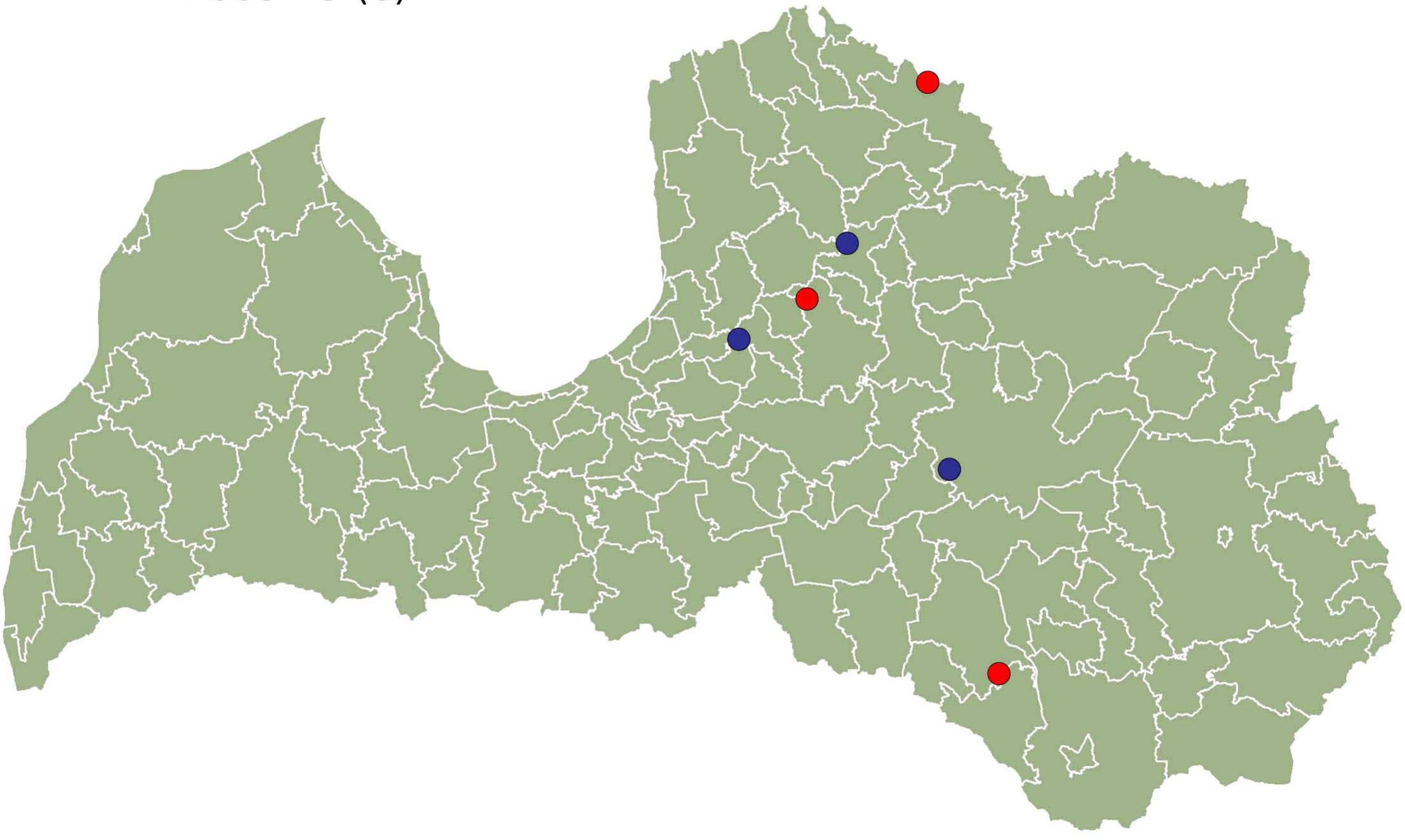
2004 - 2 (2)



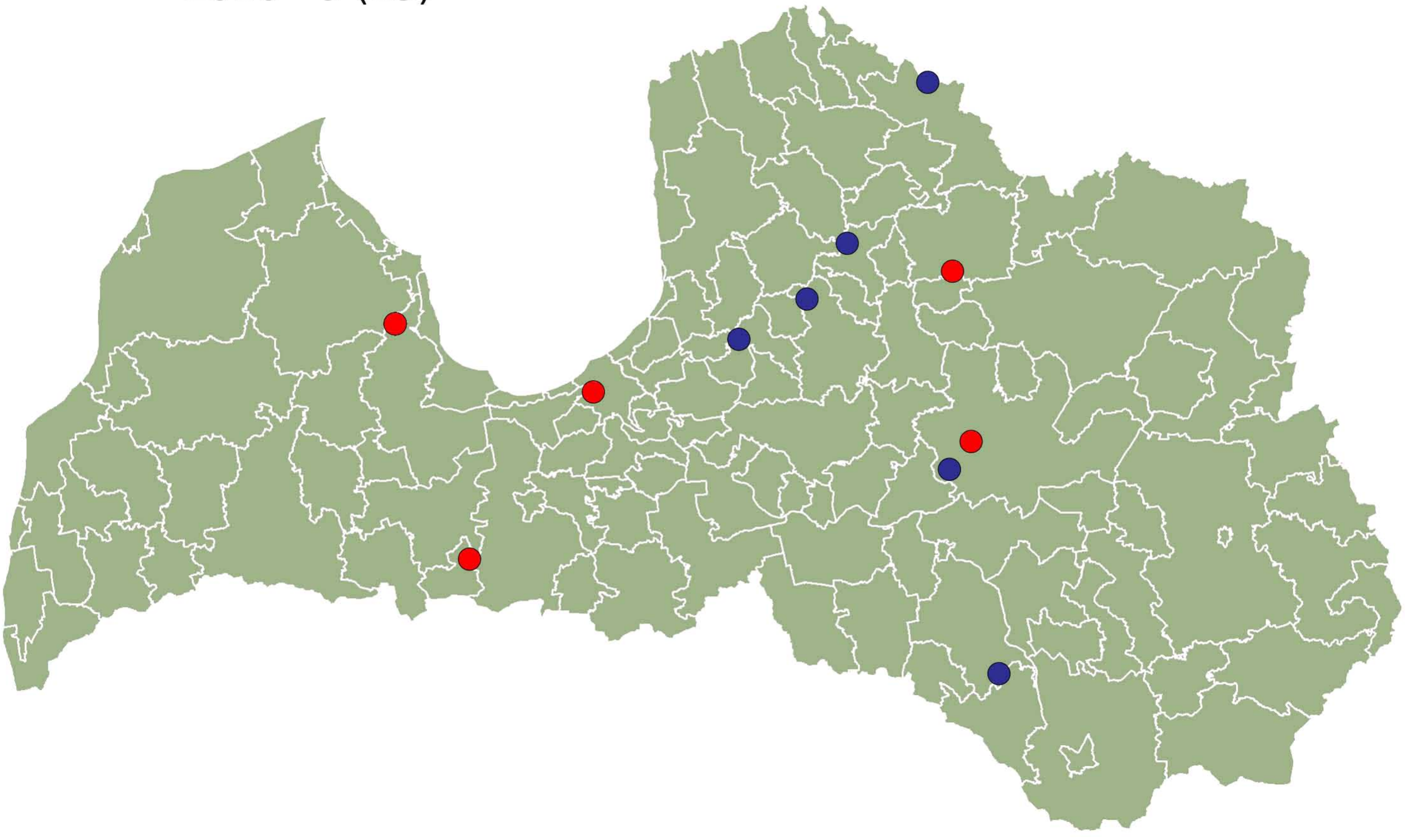
2006 - 1 (3)



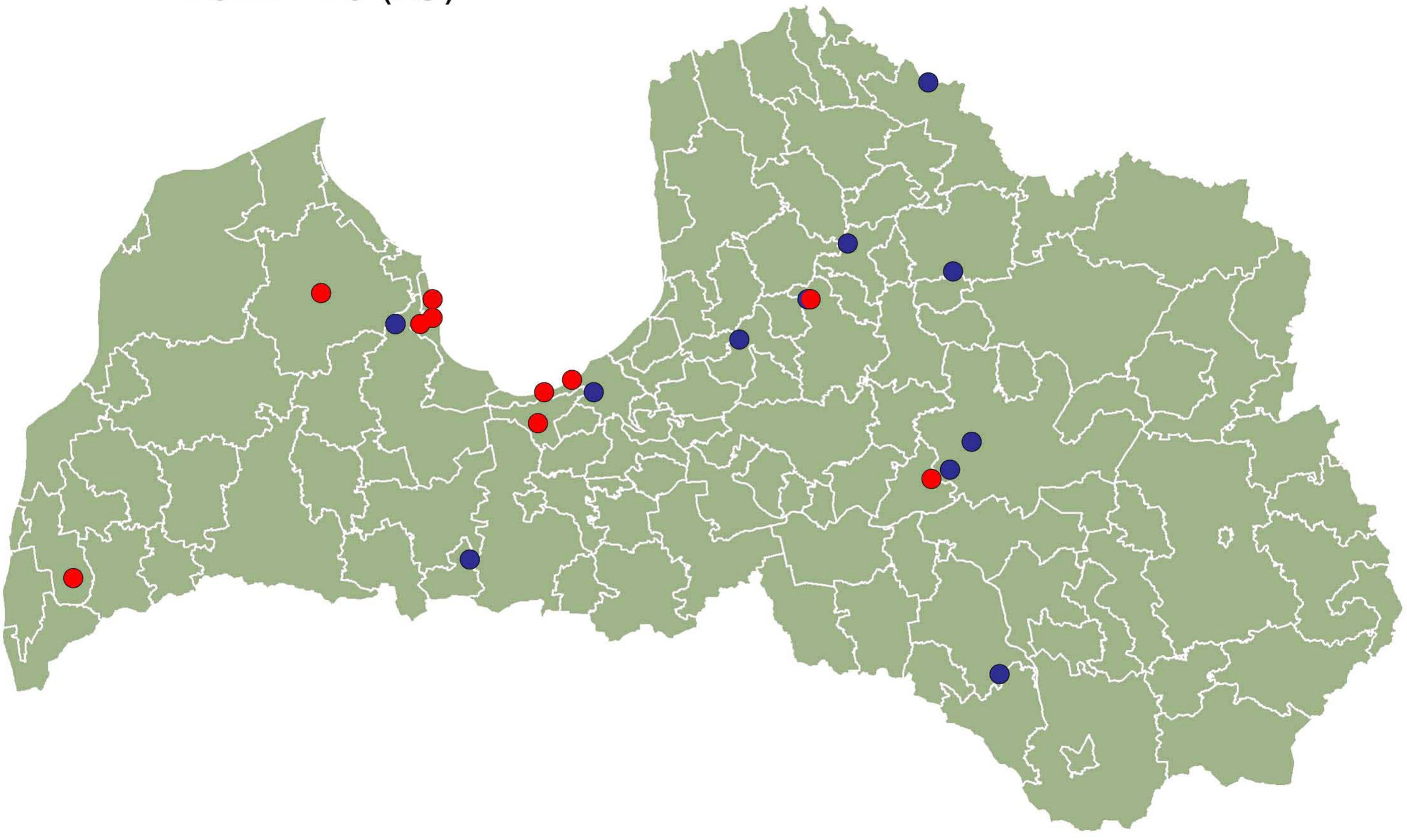
2009 - 3 (6)



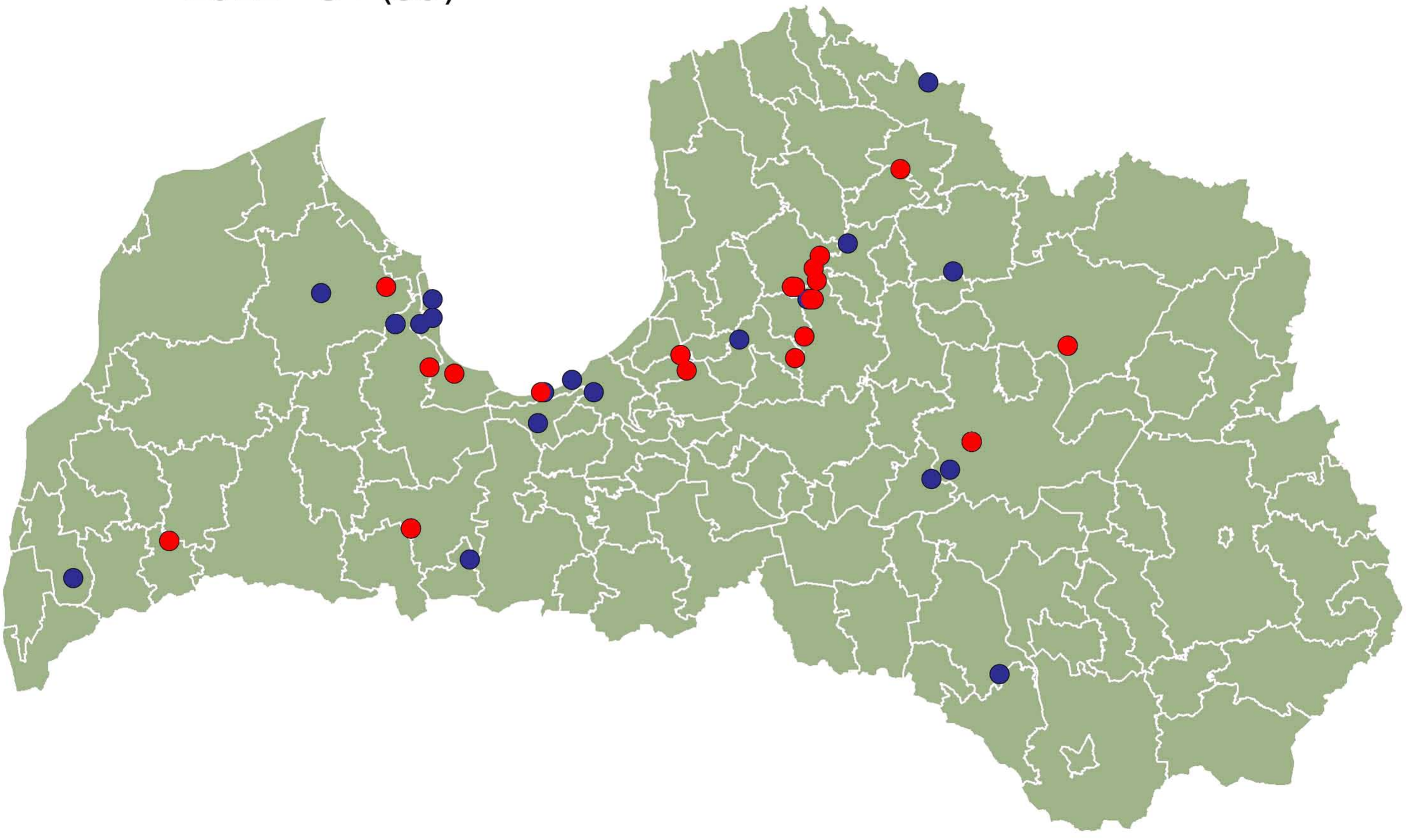
2010 - 9 (15)



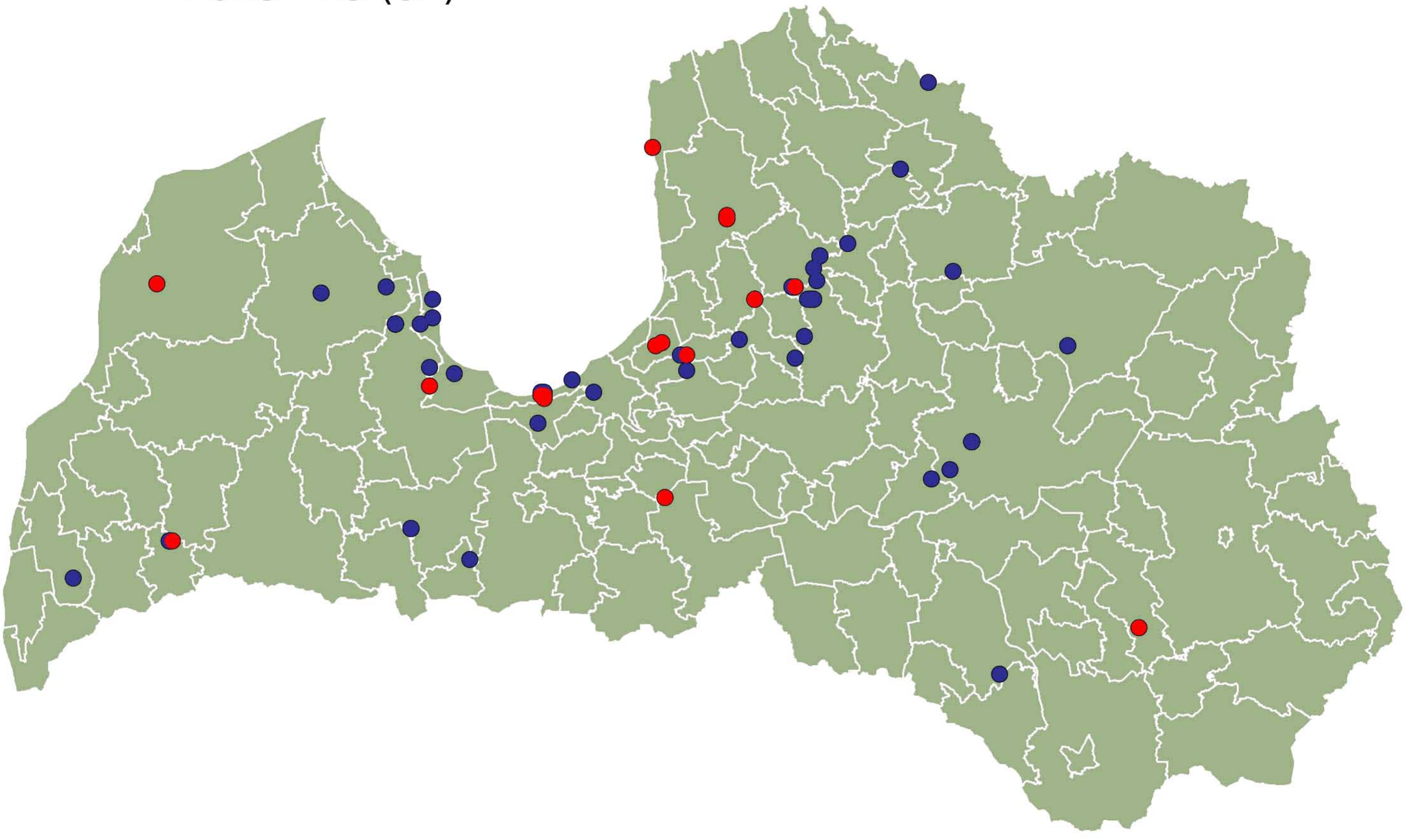
2011 - 10 (25)



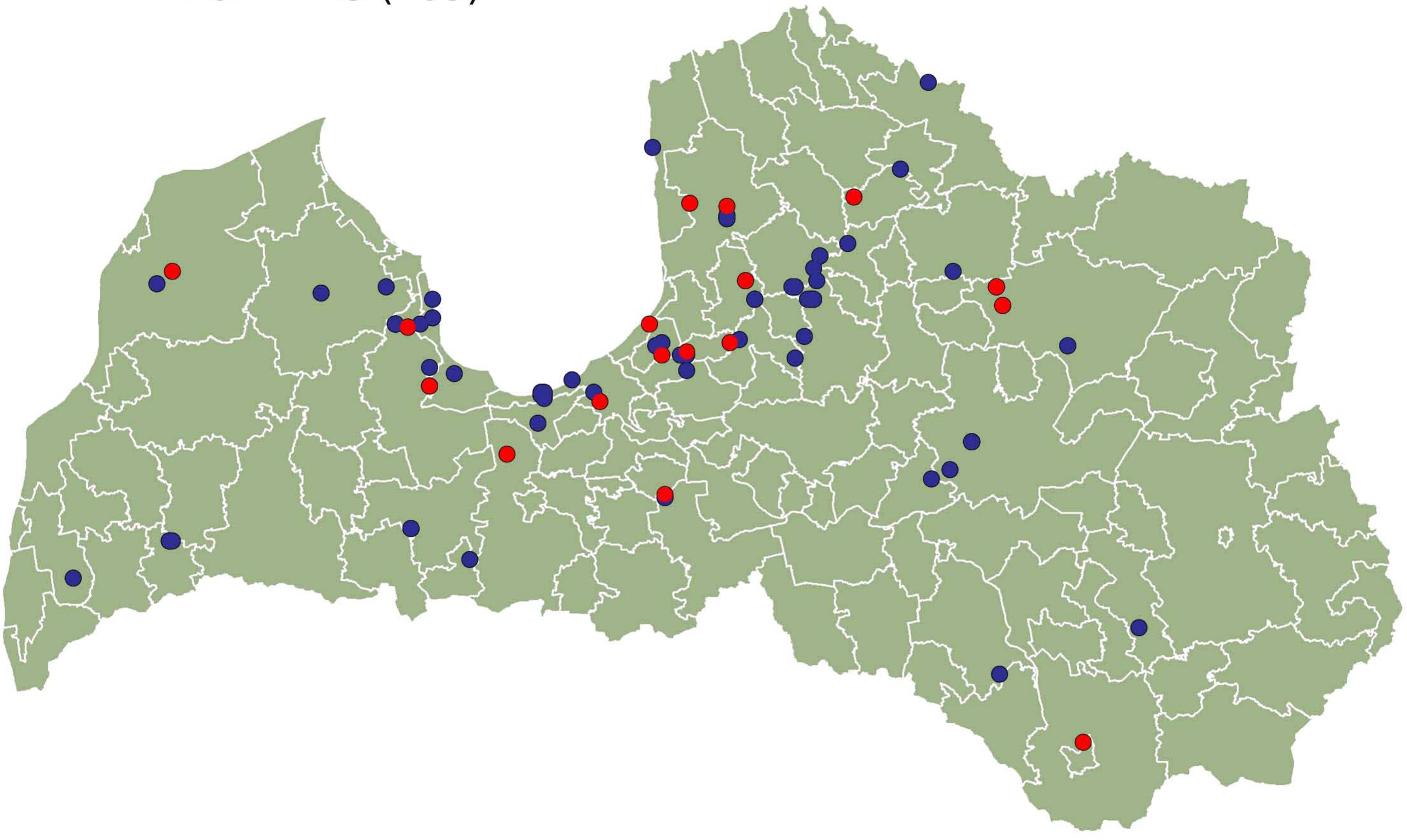
2012 - 34 (59)



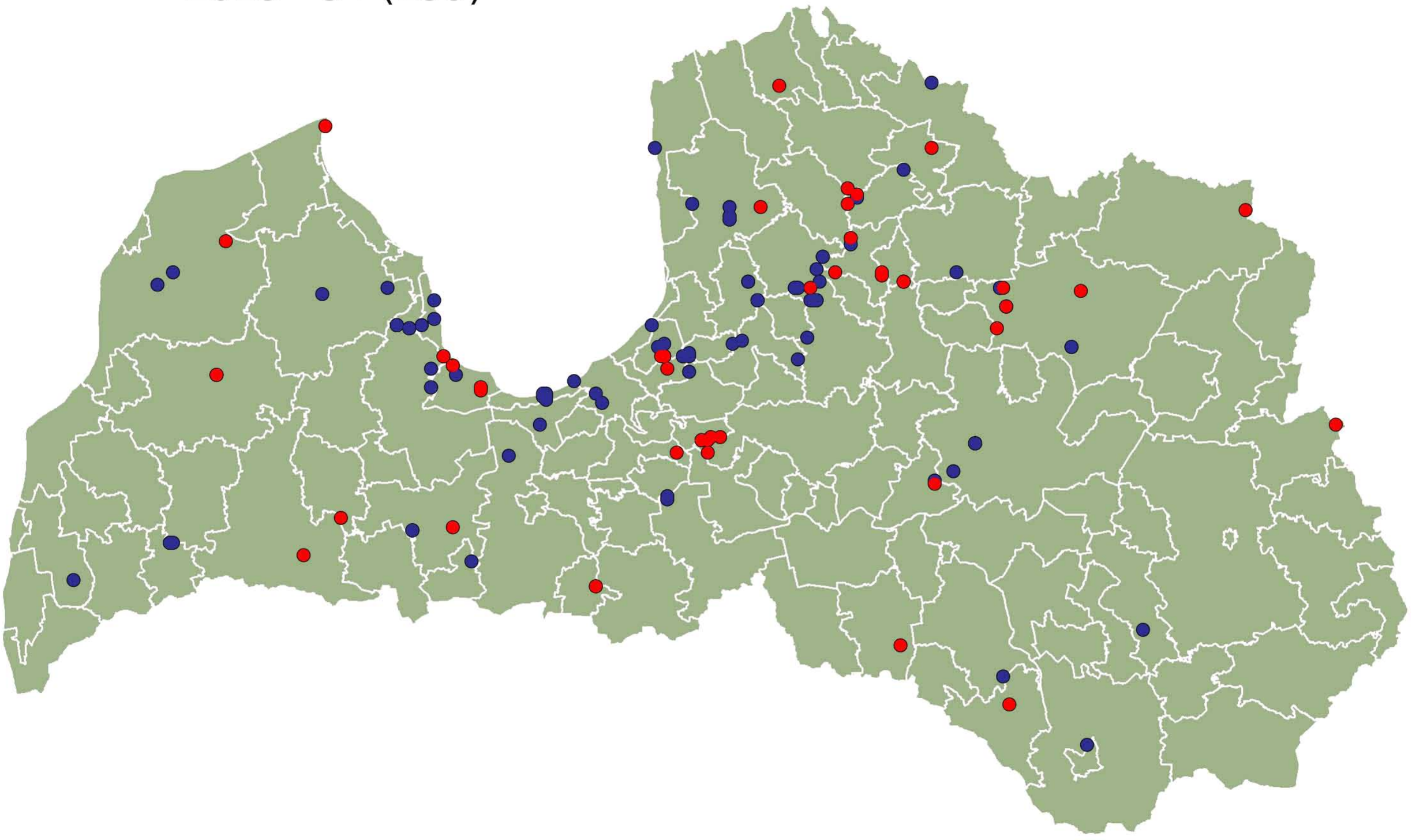
2013 - 23 (82)



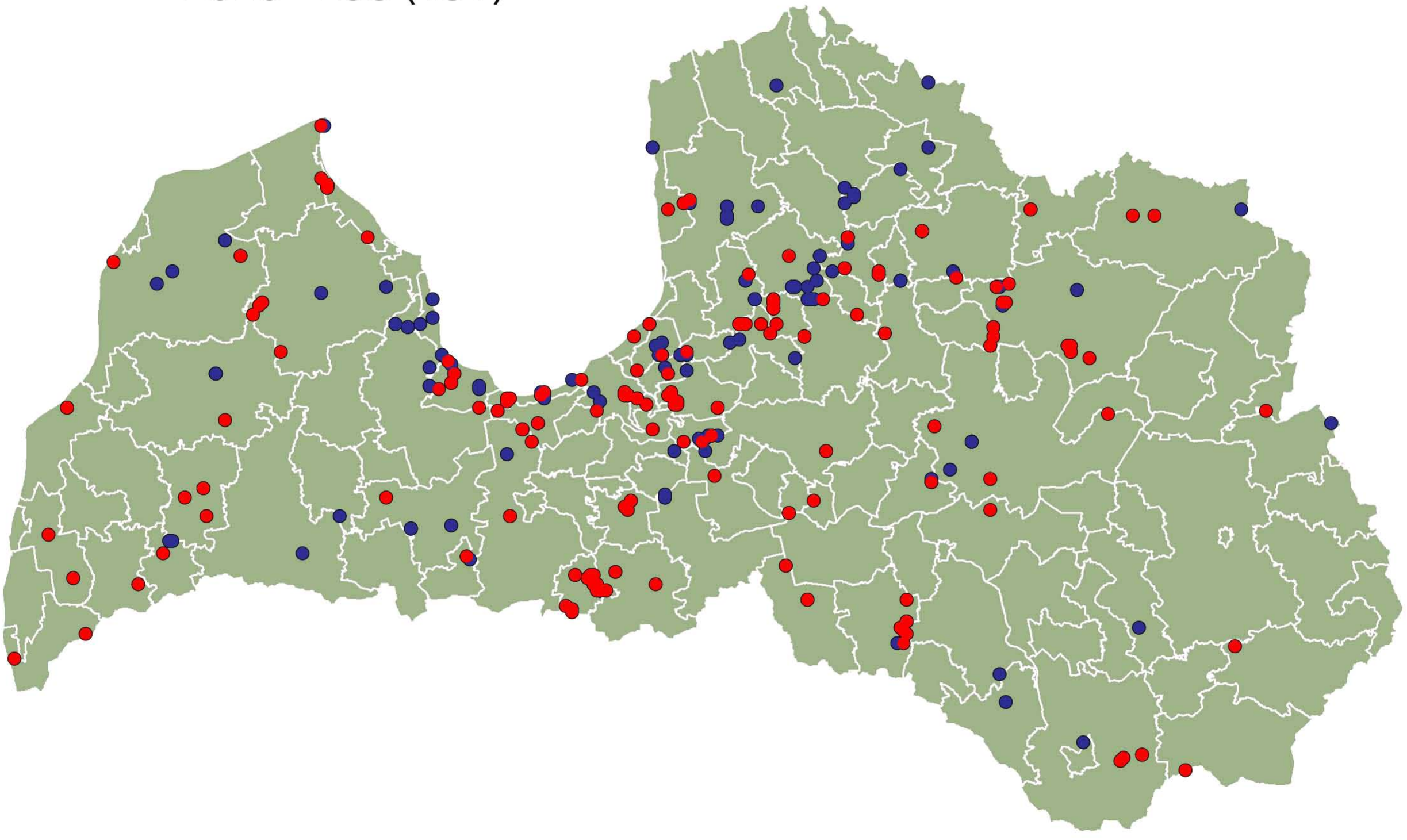
2014 - 23 (105)



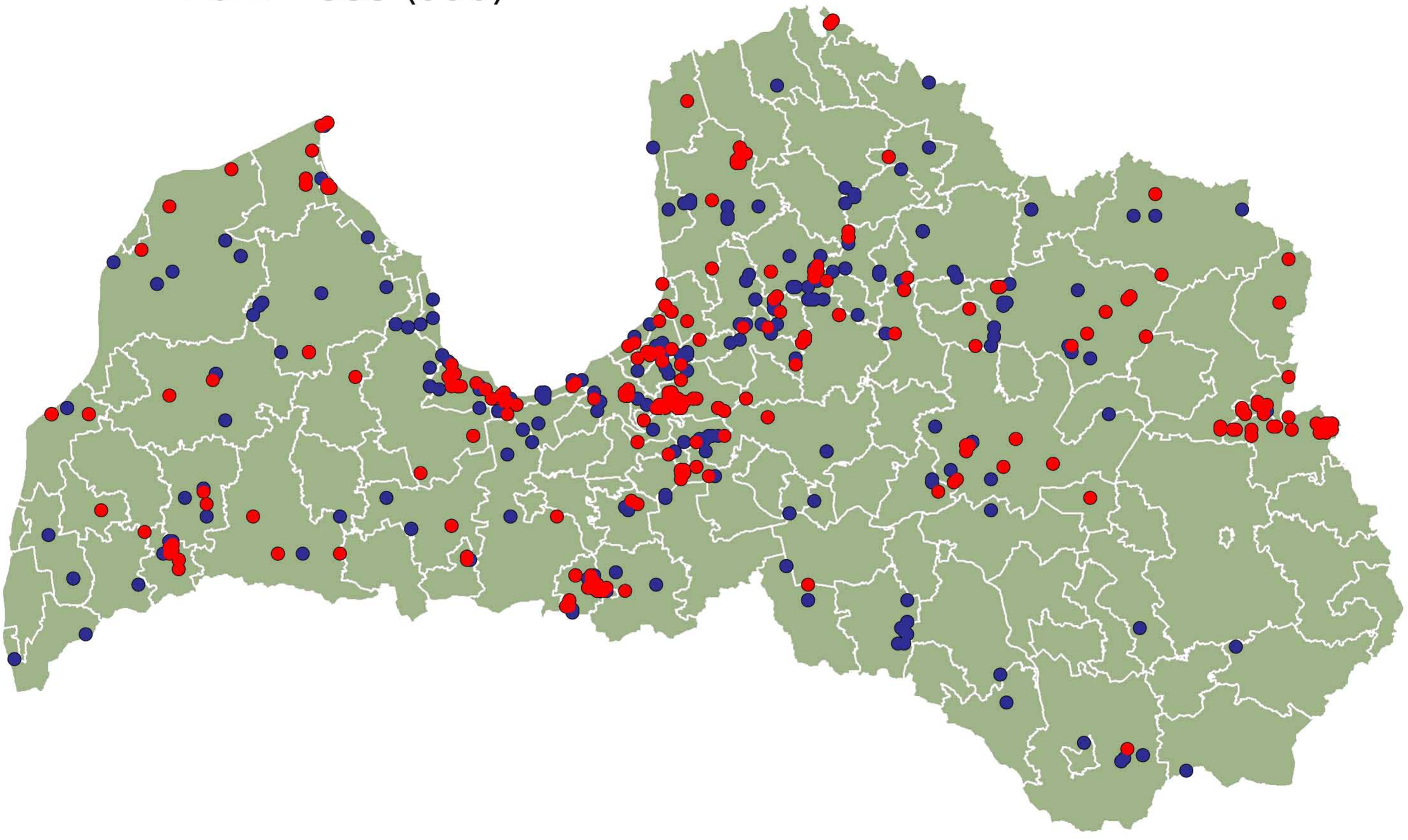
2015 - 54 (159)



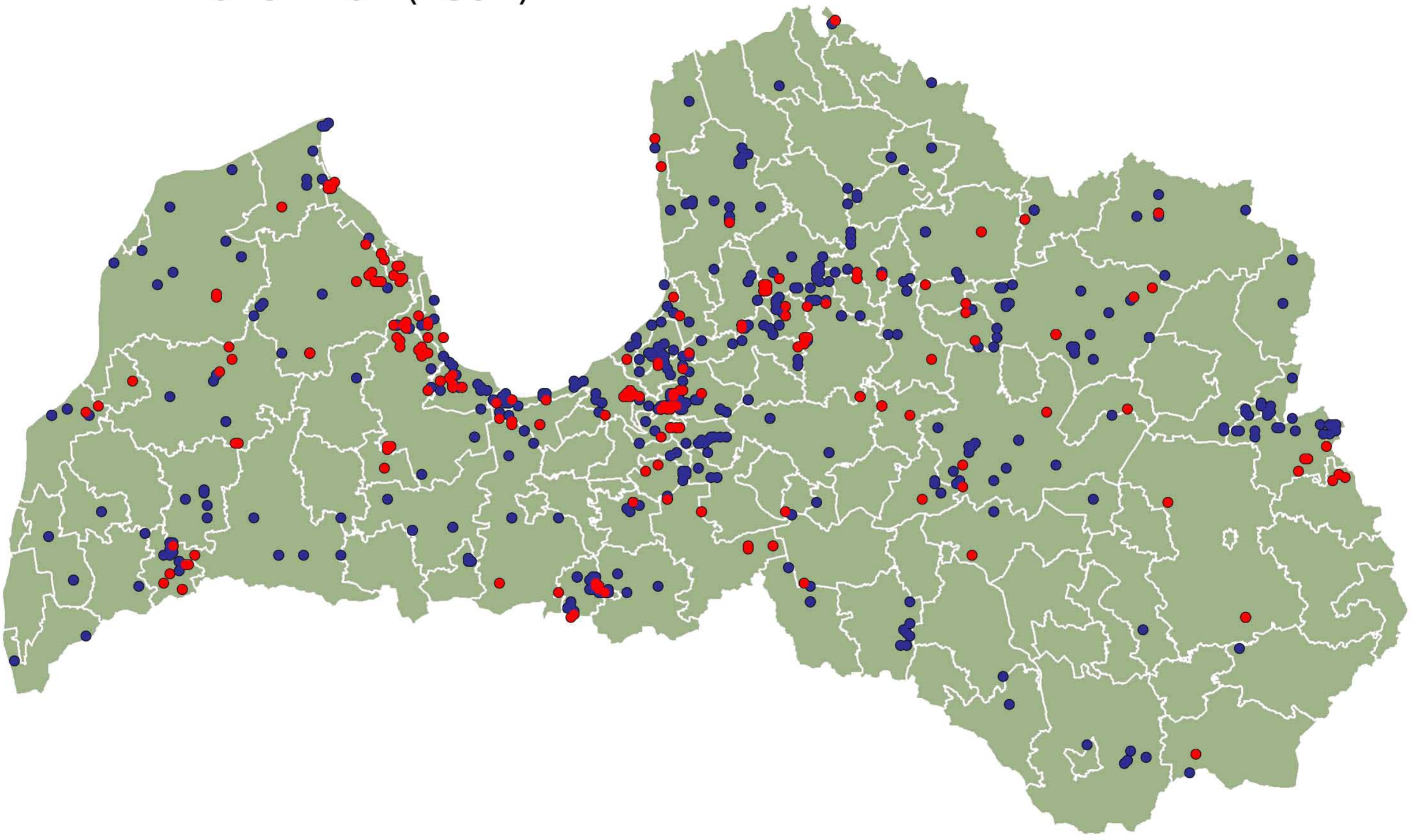
2016 - 298 (457)



2017 - 533 (990)



2018 - 404 (1394)



2019 - 1569 (2963)

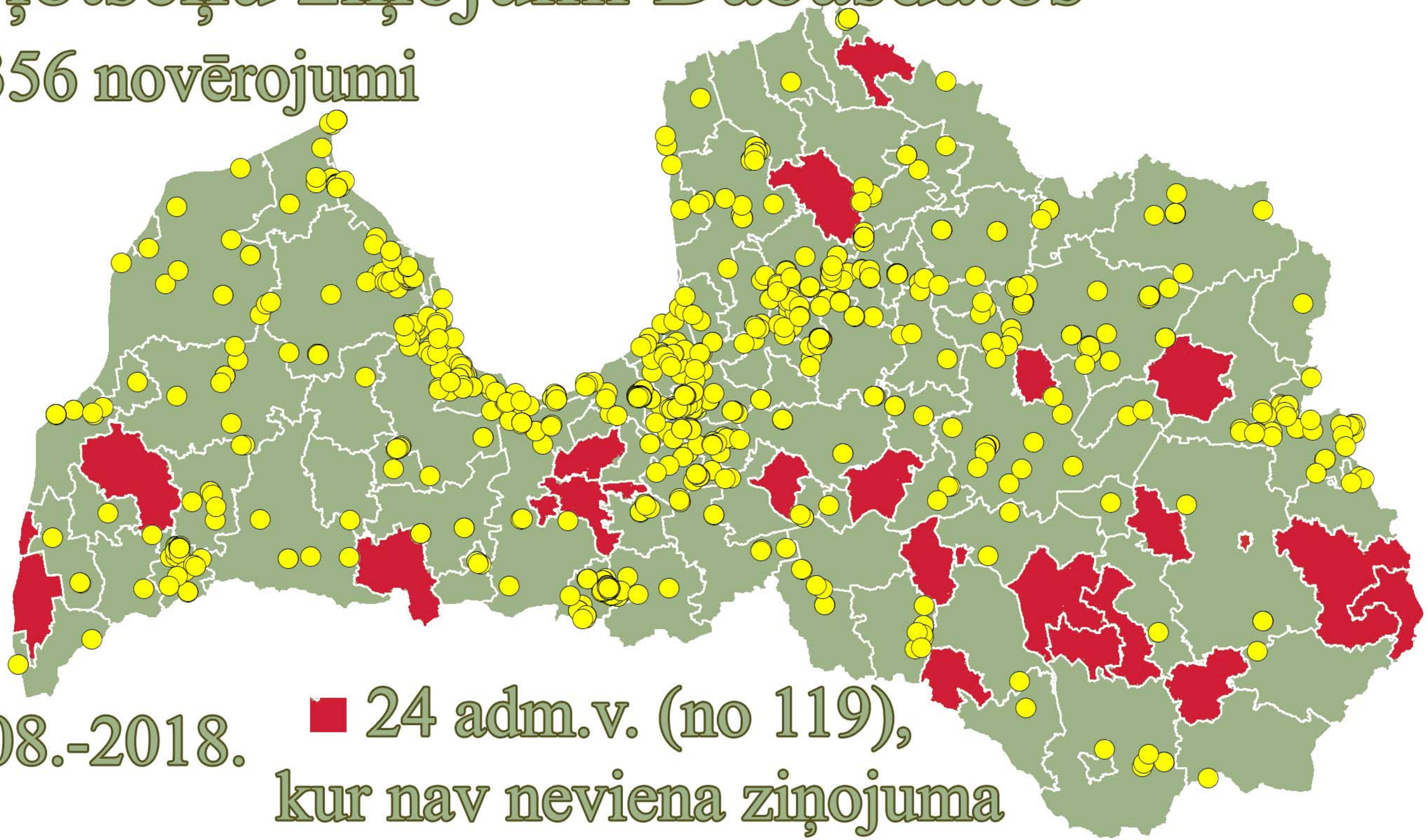
Gļotsēņu novērojumu skaits Dabasdatos 2019 (2008-2019)

Ziņotāji / ziņojumu skaits attiecīgā laika periodā

Ingunai Riževai >900 nov.

Gļotsēņu ziņojumi Dabasdatos

- 1356 novērojumi

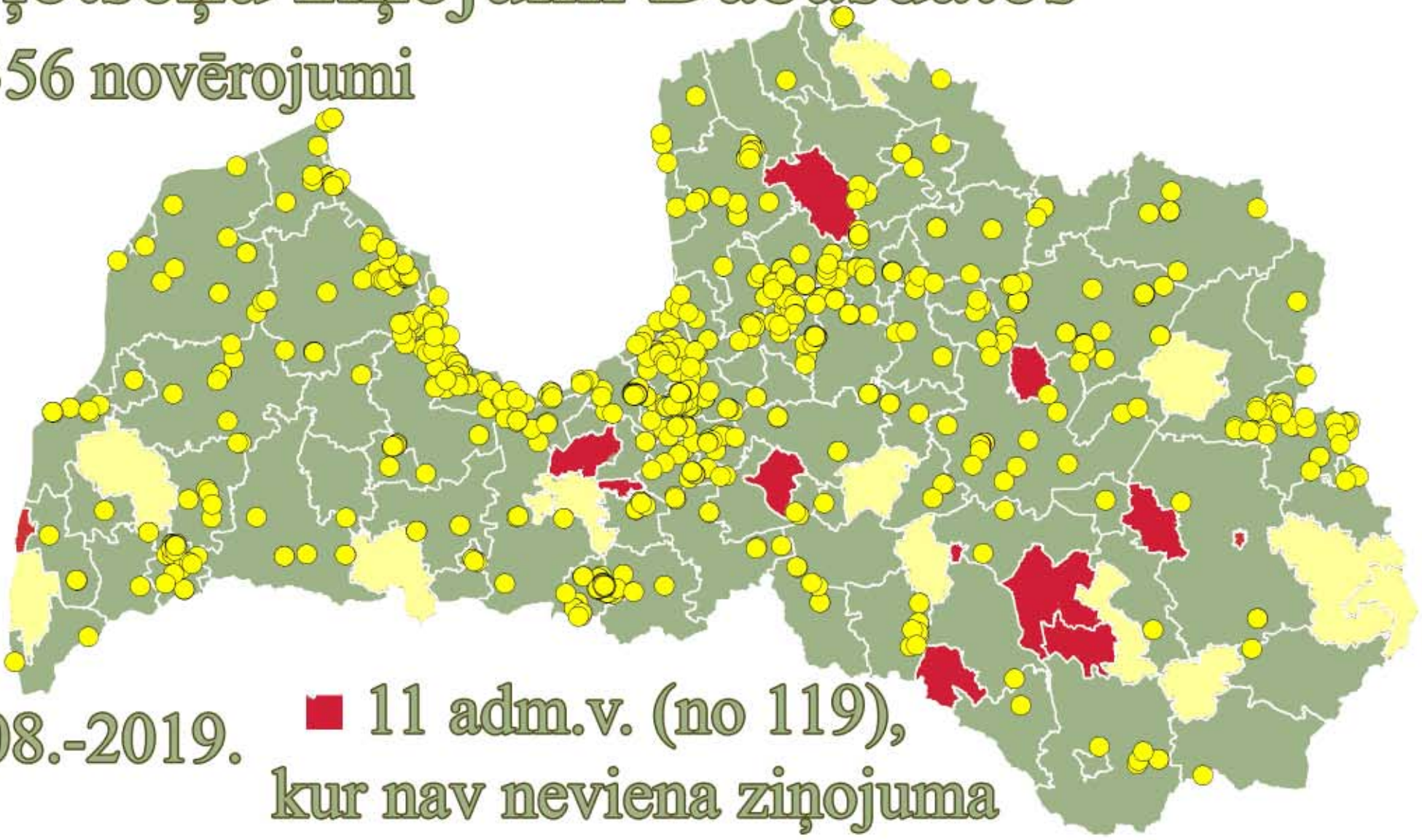


2008.-2018.

- 24 adm.v. (no 119), kur nav neviena ziņojuma

Gļotsēņu ziņojumi Dabasdatos

1356 novērojumi



2008.-2019.

11 adm.v. (no 119), kur nav neviena ziņojuma

Pavasaris

Marts - 52

Koksnes vilkpienaine

Lycogala epidendrum

Foto: Inguna Riževa

Pavasaris

Aprīlis - 58

Gļotsēne *Hemitrichia clavata*

Foto: Inguna Riževa

Pavasaris

Maijs - 68

Gļotsēne *Metatrichia vesparia*

Foto: Inguna Riževa

Pavasaris - 52 + 58 + 68 = 178

Neīstais pūpēdis

Reticularia lycoperdon

Foto: Vija Sileviča

2019. g. pavasarī

vidēji bieži novērotas **4** sugas :

Koksnes vilkpienaine *Lycogala epidendrum*
Gļotsēne *Hemitrichia clavata*
Neīstais pūpēdis *Reticularia lycoperdon*
Gļotsēne *Metatrichia vesparia*

vēl novērotas **14** sugas
kopā 18 sugas

Vasara

Jūnijs - 225

Šokolādes gļotsēne

Stemonitis sp.

Foto: Marita krūze

Koksnes vilkpienaine

Lycogala epidendrum

Foto: Inguna Riževa

Vasara

Jūlijs - 403

Zarainā gļotsēne

Ceratiomyxa fruticulosa var. fruticulosa

Porainā gļotsēne

Ceratiomyxa porioides

Foto: Laima Birziņa

Vasara

Augusts - 318

Rūsganais ragansviests

Fuligo septica var. rufa

Foto: Marita Krūze

Parastais ragansviests

Fuligo septica var. septica

Foto: Valda Ērmane

Vasara - 225 + 403 + 318 = 946

Aveņu gļotsēne
Tubifera ferruginosa
Foto: Inguna Riževa

Baltais ragansviests
Fuligo septica var. candida
Foto: Margita Grīnberga

2019. g. vasarā

bieži **8** sugas:

Koksnes vilkpienaine *Lycogala epidendrum*

Parastais ragansviests *Fuligo septica*

Šokolādes gļotsēne *Stemonitis sp.*

Aveņu gļotsēne *Tubifera ferruginosa*

Baltais ragansviests *Fuligo candida*

Rūsganais ragansviests *Fuligo rufa*

Porainā gļotsēne *Ceratiomyxa porioides*

Zarainā gļotsēne *Ceratiomyxa fruticulosa var. fruticulosa*

8 sugas vidēji bieži

vēl novērotas **23** sugas

kopā 39 sugas

Maldinošā trihija *Trichia decipiens*

Foto: Inguna Riževa

Rudens

Septembris - 570

Gludais ragansviests

Fuligo leviderma

Foto: Gunita Kolle

Rudens

Oktobris - 918

Gļotsēne *Hemitrichia clavata*

Foto: Vēsma Vijupe

Nokarenā fizāra

Physarum album

Foto: Valda Ērmane

Rudens

Novembris - 296

Trauslā leokarpa *Leocarpus fragilis*

Foto: Inguna Riževa

Koksnes vilkpienaine

Lycogala epidendrum

Foto: Evita Oļehnoviča

Rudens - 570 + 918 + 296 = 1784

Aveņu gļotsēne

Tubifera ferruginosa

Foto: Vija Sileviča

Daudzveidīgā trihija

Trichia varia

Foto: Sandis Laime

2019. gada rudenī

bieži **18** sugas, biežākās:
Koksnes vilkpienaine *Lycogala epidendrum*
Maldinošā trihija *Trichia decipiens*
Parastais ragansviests *Fuligo septica*
Šokolādes gļotsēne *Stemonitis sp.*
Aveņu gļotsēne *Tubifera ferruginosa*
Daudzveidīgā trihija *Trichia varia*
Gļotsēne *Hemitrichia clavata*
Gludais ragansviests *Fuligo leviderma*
Trauslā leokarpa *Leocarpus fragilis*
Nokarenā fizāra *Physarum album*

16 sugas vidēji bieži
vēl novērotas **36** sugas
kopā 70 sugas

Foto: Artis Strods

Foto: Sandis Laime

Ziema

Decembris - 29

Pārslainā gļotsēne *Mucilago crustacea*

Foto: Andris Klepers

Gludais ragansviests

Fuligo leviderma

Foto: Inguna Riževa

Ziema

Janvāris - 10

Gļotsēne Trichia scabra

Neīstais pūpēdis

Reticularia lycoperdon

Foto: Laima Birziņa

Ziema

Februāris - 16

Maldinošā trihija *Trichia decipiens*

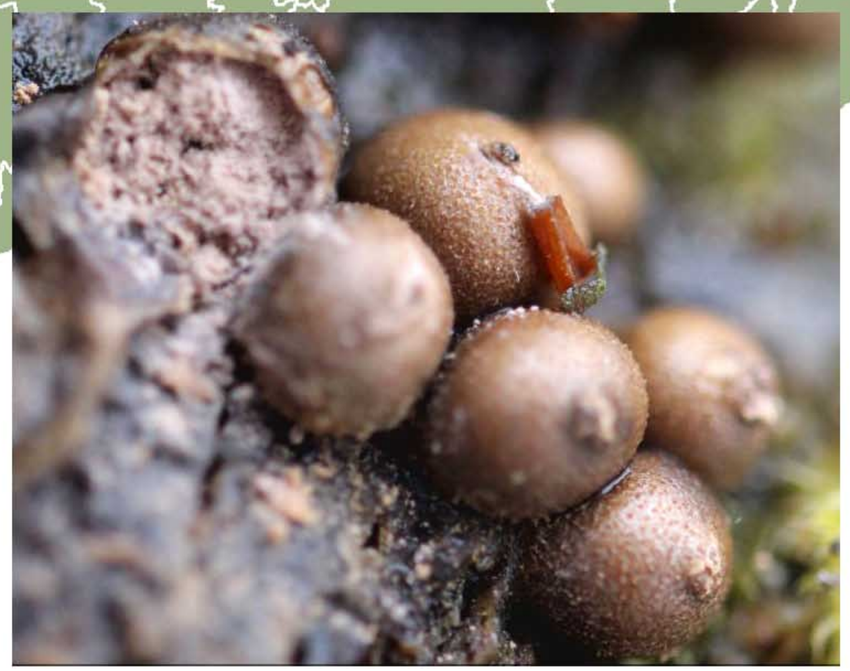
Foto: Inguna Riževa

Gļotsēne

Perichaena corticalis

Foto: Inguna Riževa

Ziema - 29 + 10 + 16 = 55



Koksnes vilkpienaine

Lycogala epidendron

Foto: Ieva Pauniņa

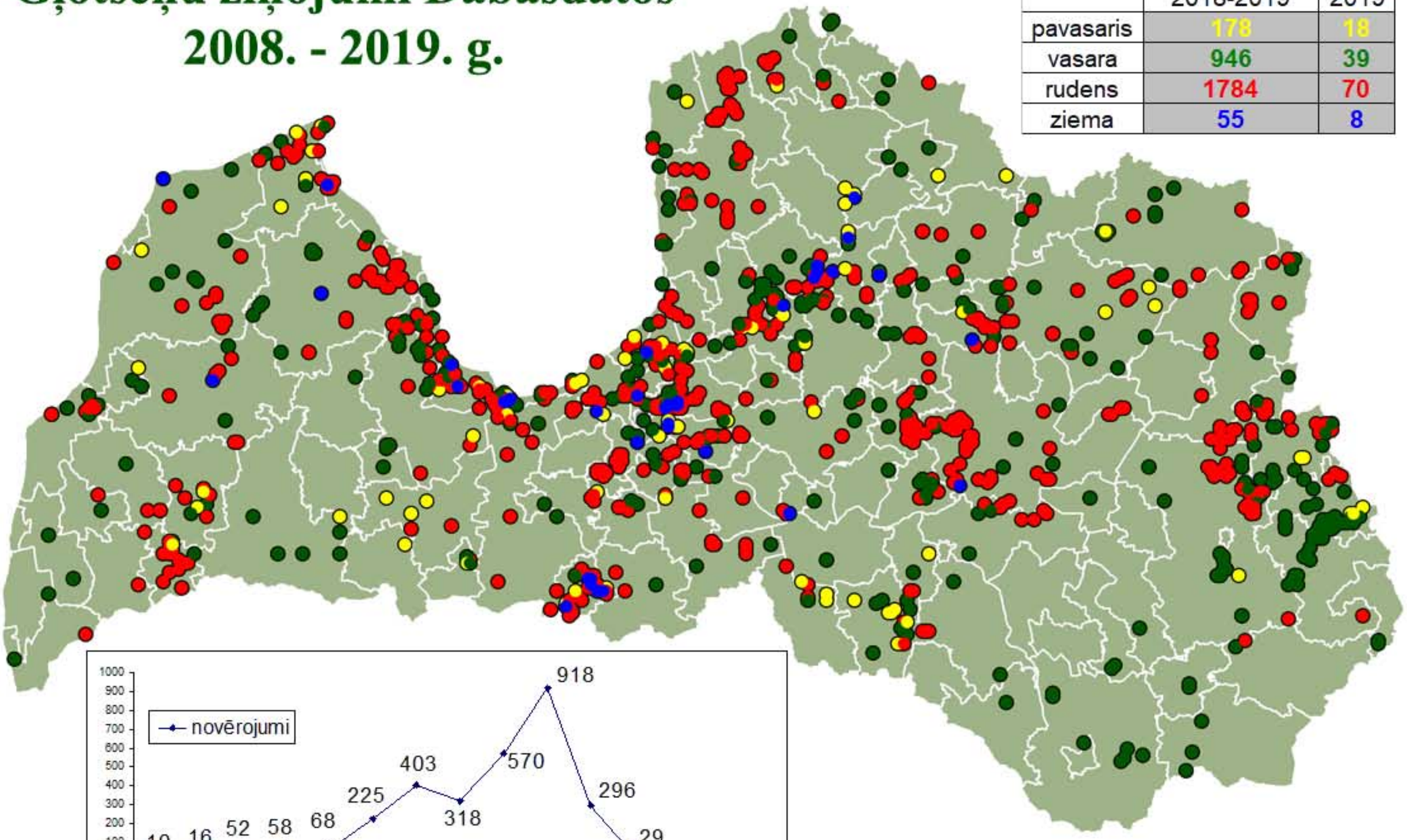
2019. g. ziemā + 2018. g. dec.

novērotas 8 sugas,
viens vai pāris novērojumi

Koksnes vilkpienaine *Lycogala epidendrum*
Maldinošā trihija *Trichia decipiens*
Pārslainā gļotsēne *Mucilago crustacea*
Neīstais pūpēdis *Reticularia lycoperdon*
Gļotsēne *Trichia favoginea*
Gļotsēne *Perichaena corticalis*
Gļotsēne *Trichia scabra*
Gludais ragansviests *Fuligo leviderma*

Gļotsēņu ziņojumi Dabasdatos 2008. - 2019. g.

	novērojumi 2018-2019	sugas 2019
pavasaris	178	18
vasara	946	39
rudens	1784	70
ziema	55	8



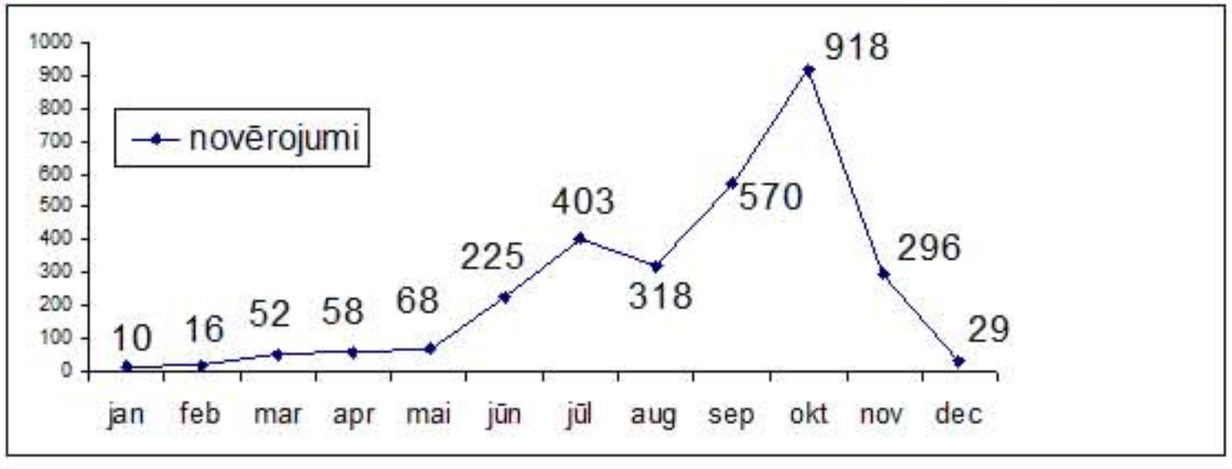


Foto: Julita Kluša, 2011

Arcyria ferruginea

2016 - 1 (1)

Foto: Laima Birziņa

Arcyria ferruginea

2017 - 8 (9)

Foto: Vija Sileviča

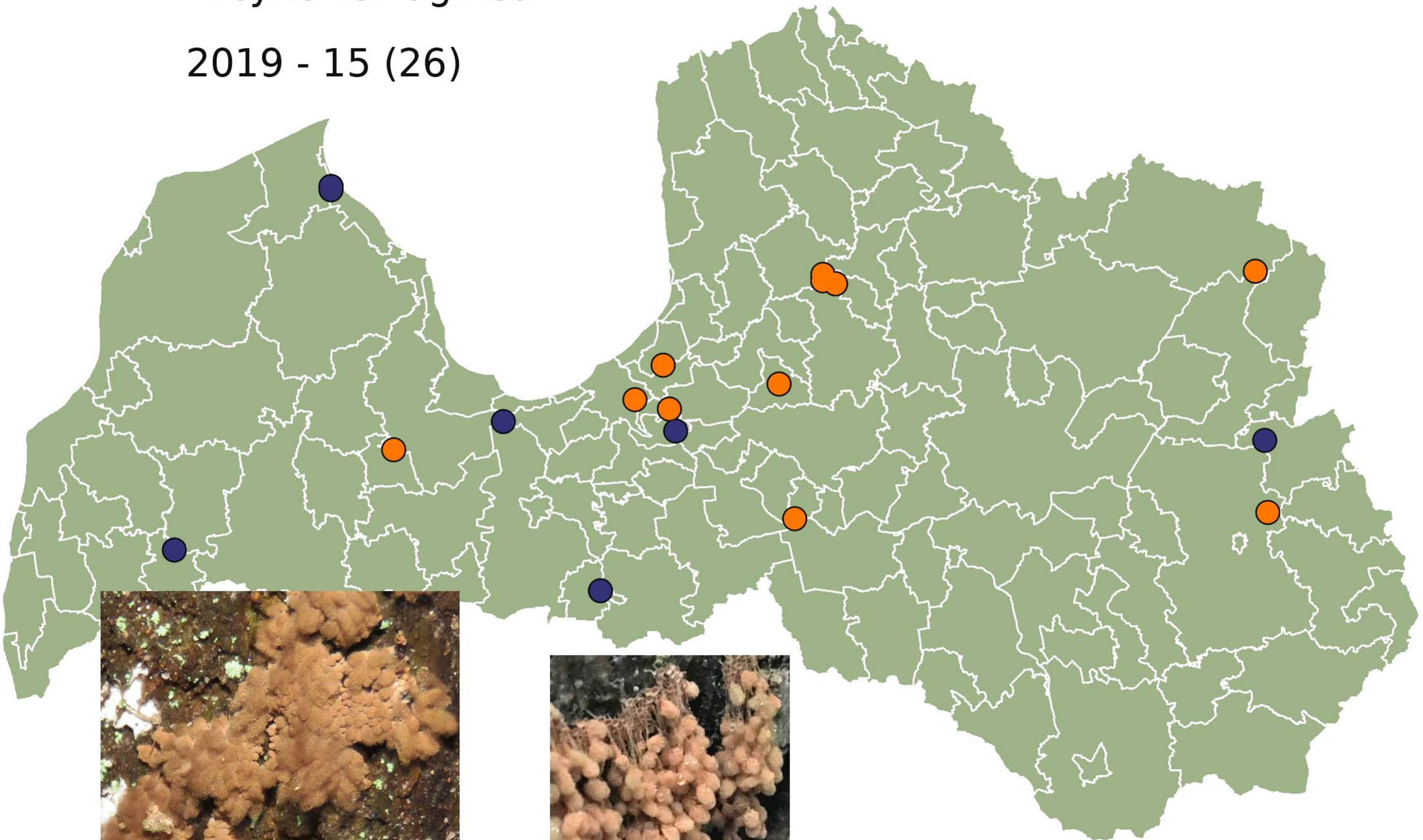
Arcyria ferruginea

2018 - 2 (11)

Foto: Mārīte Ramša

Arcyria ferruginea

2019 - 15 (26)



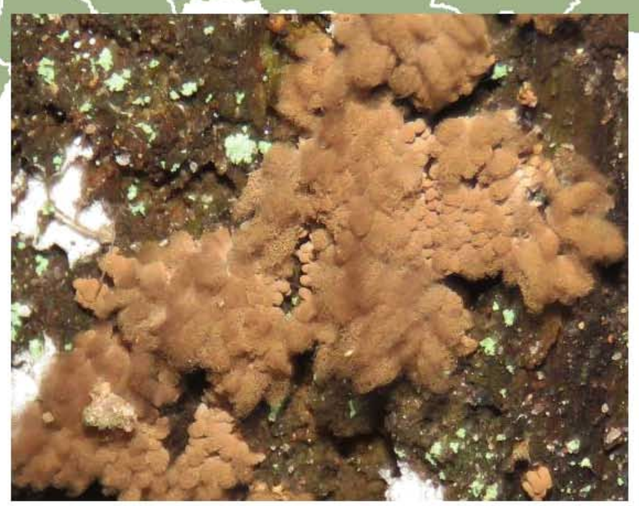


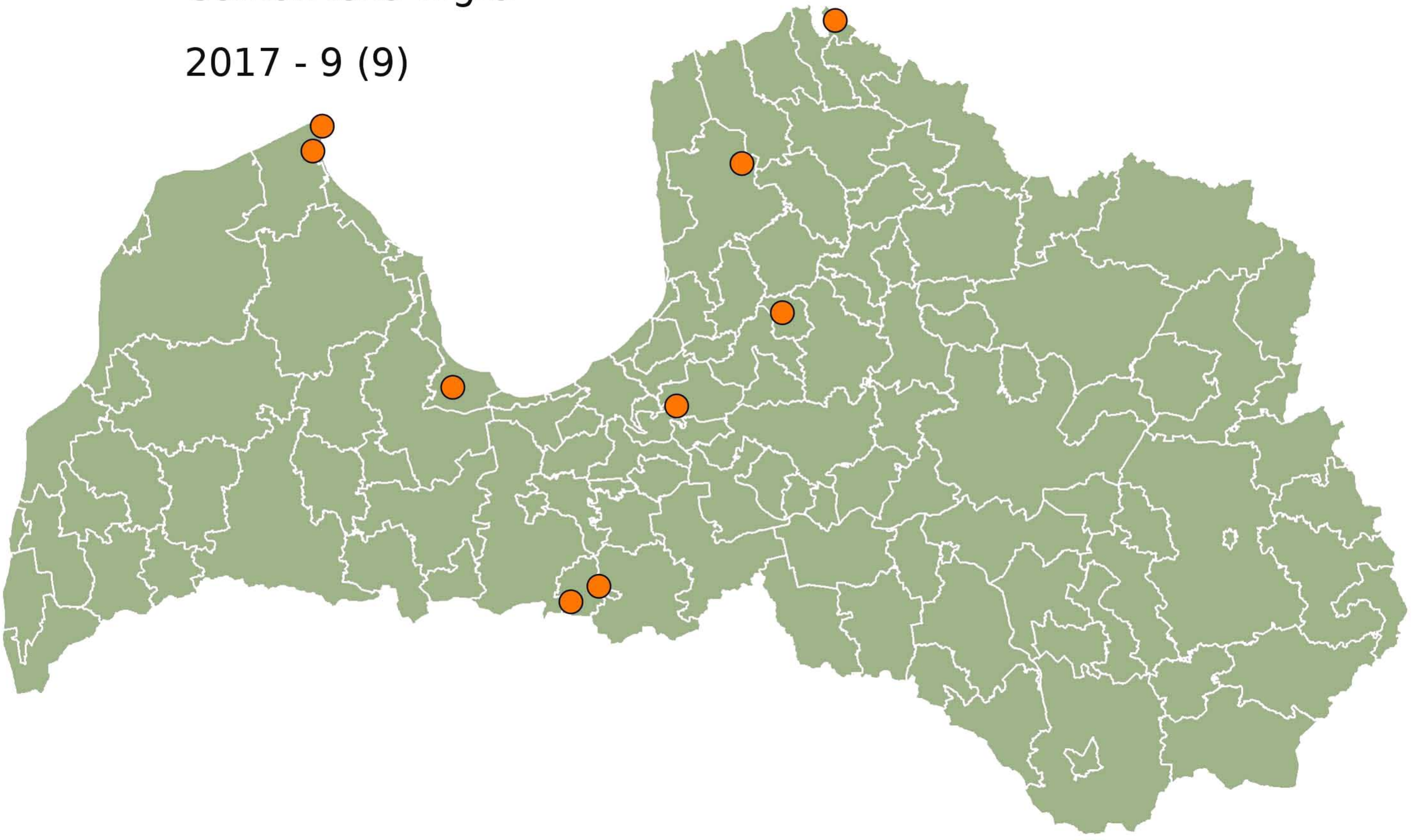
Foto: Mārīte Ramša

Foto: Evita Oļehnoviča

Foto: Julita Kluša, 2011

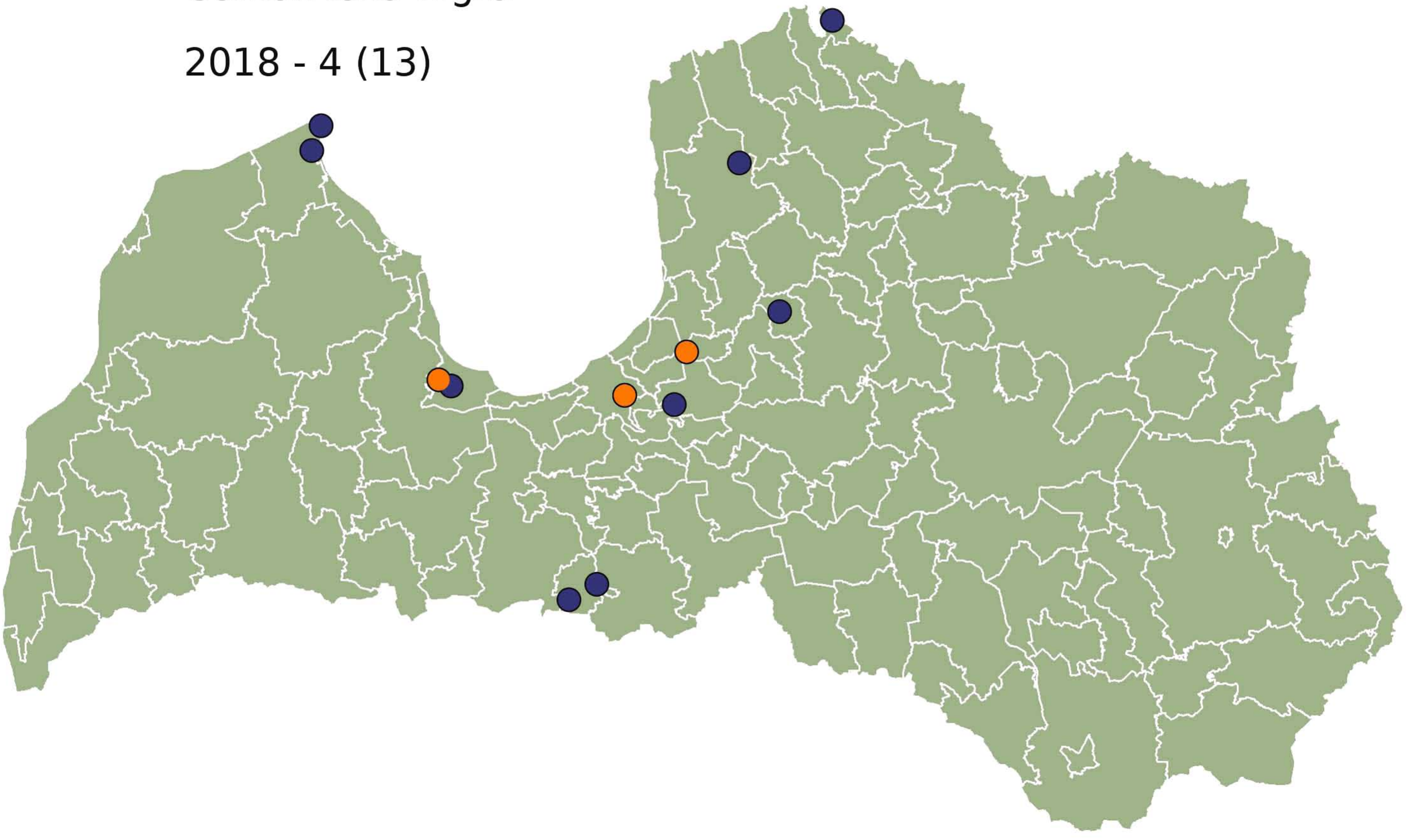
Comatricha nigra

2017 - 9 (9)



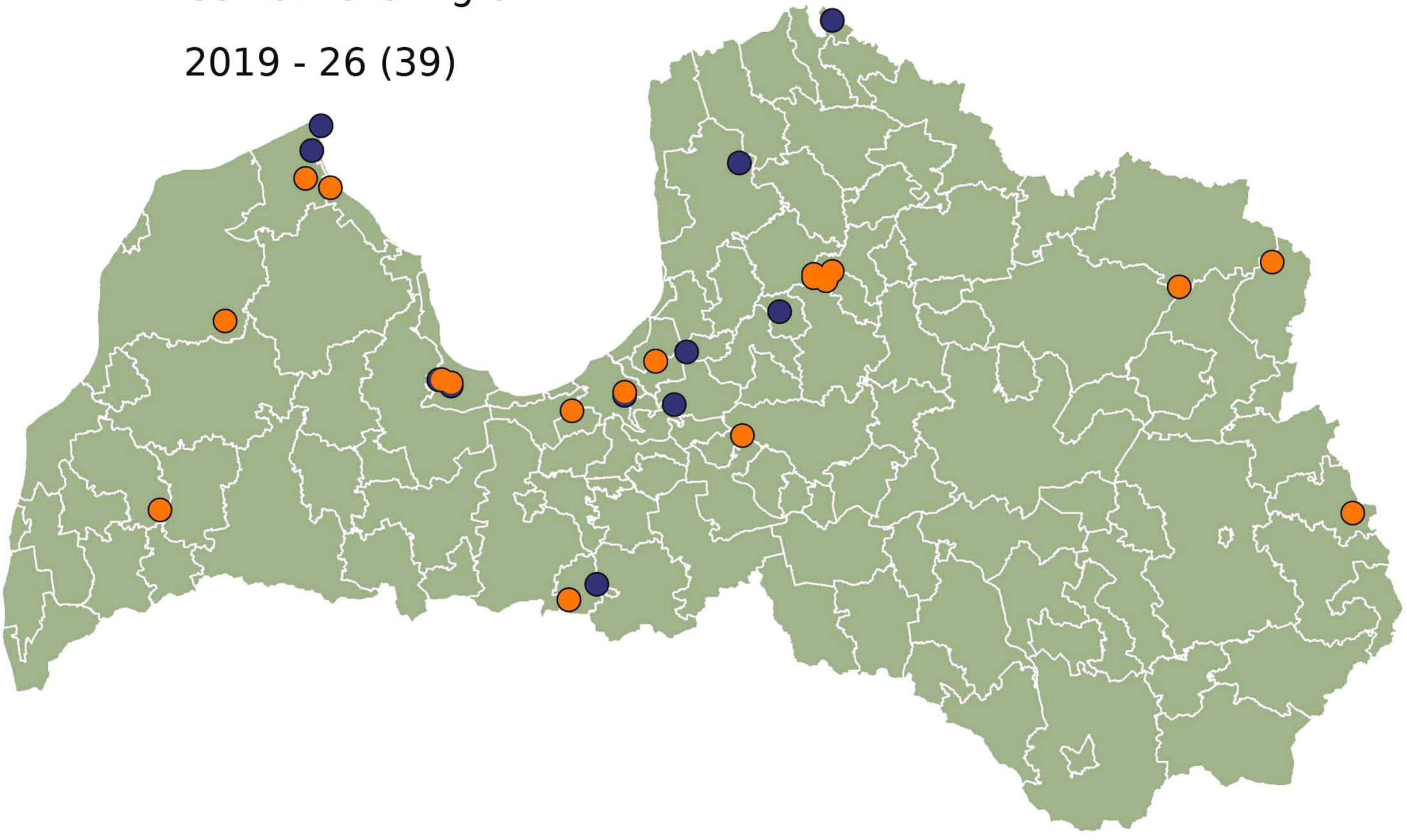
Comatricha nigra

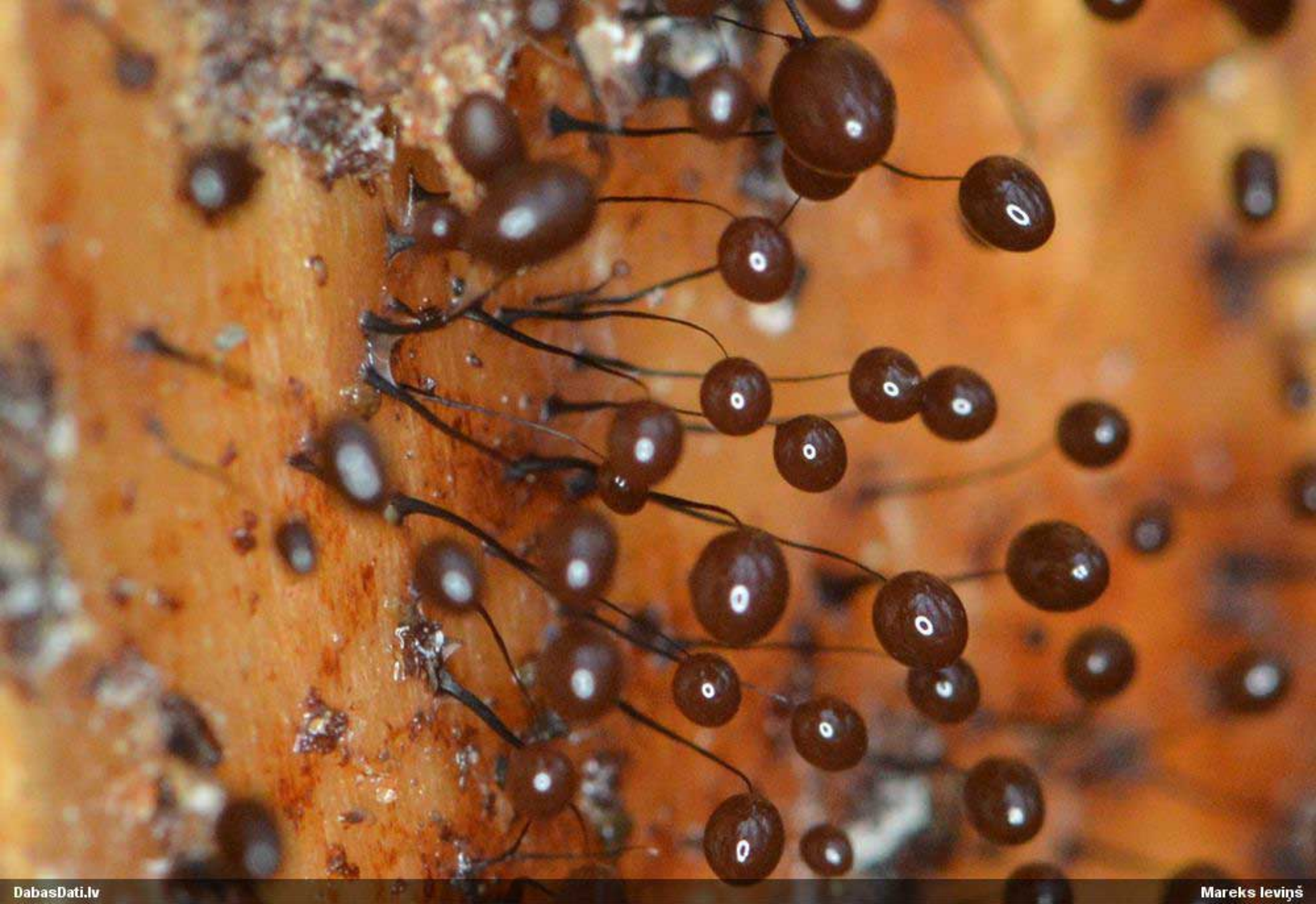
2018 - 4 (13)



Comatricha nigra

2019 - 26 (39)





DabasDati.lv

Mareks Ieviņš

DabasDati.lv
Mareks Ieviņš

DabasDati.lv

Vēsma Vijupe

DabasDati.lv Vēsma Vijupe

DabasDati.lv Laima Birziņa

DabasDati.lv Laima Birziņa

DabasDati.lv

Laima Birziņa

DabasDati.lv Laima Birziņa

Laima Birziņa

DabasDati.lv

DabasDati.lv

Benita Kološuka

DabasDati.lv

Benita Kološuka

DabasDati.lv

Benita Kološuka

DabasDati.lv

Benita Kološuka

DabasDati.lv Marita Krūze

DabasDati.lv

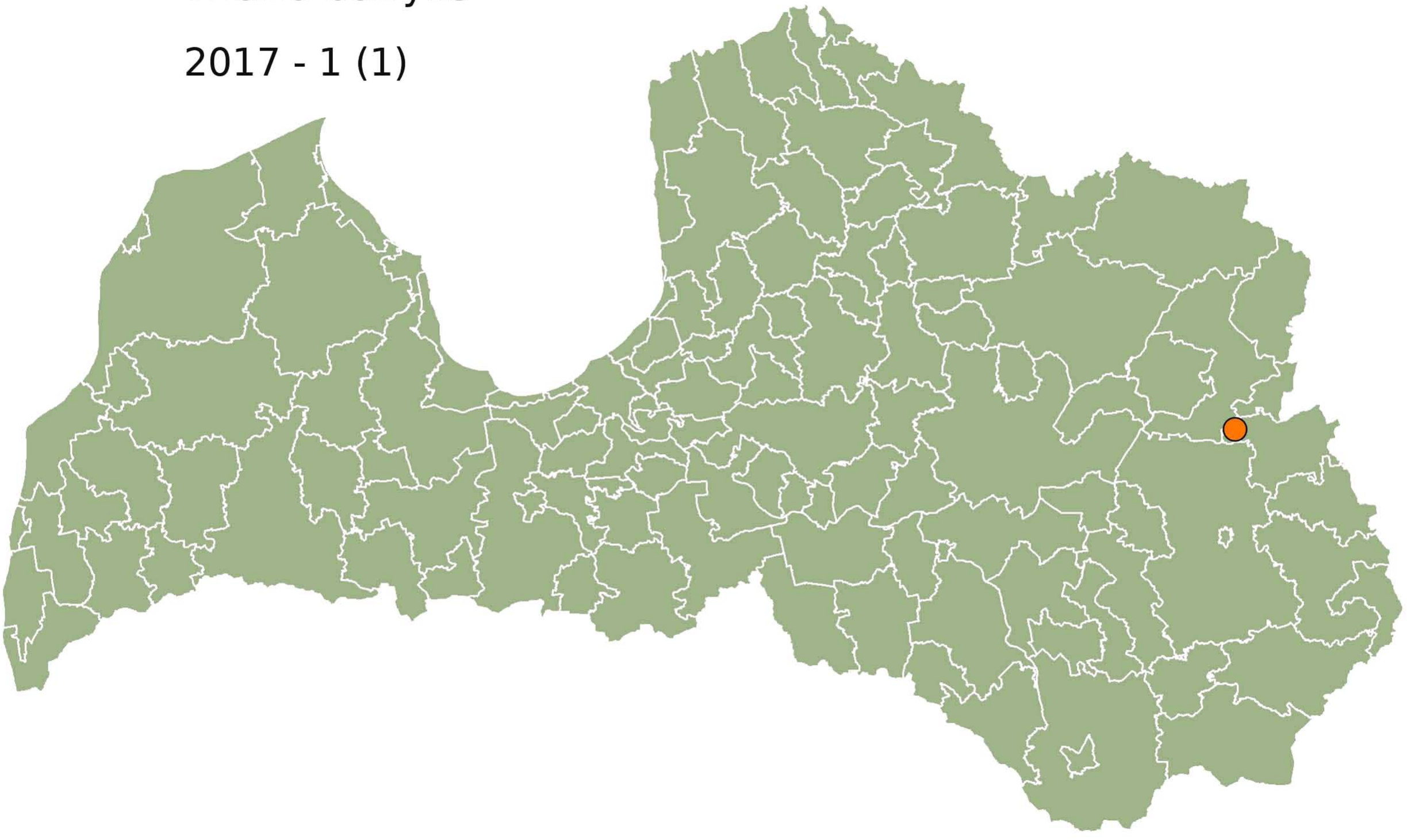
Marita Krūze

DabasDati.lv

Renāte Ondzule

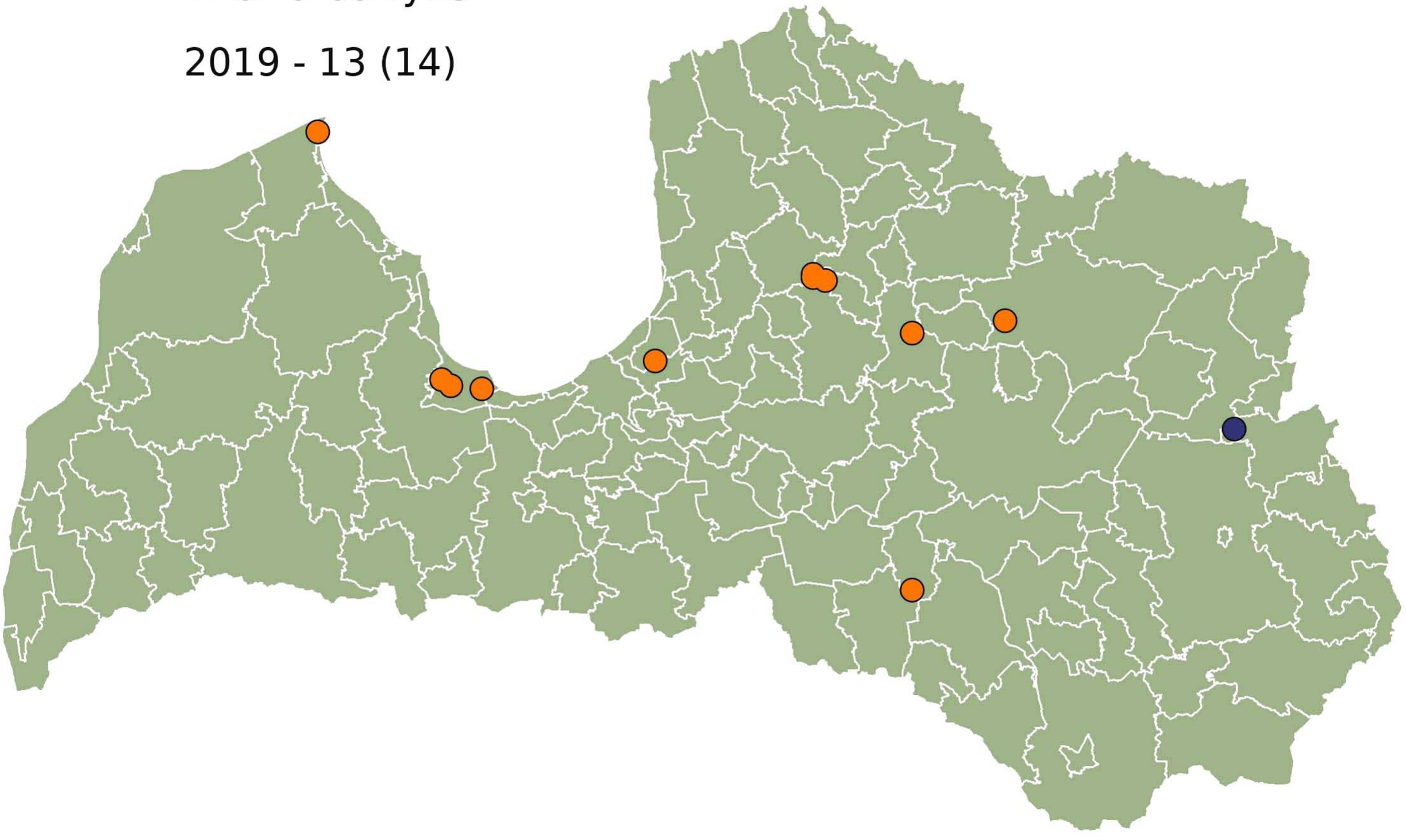
Trichia botrytis

2017 - 1 (1)



Trichia botrytis

2019 - 13 (14)



DabasDati.lv

Marita Krūze

DabasDati.lv Evita Olehnoviča

DabasDati.lv

Sandis Laime

DabasDati.lv

Sandis Laime

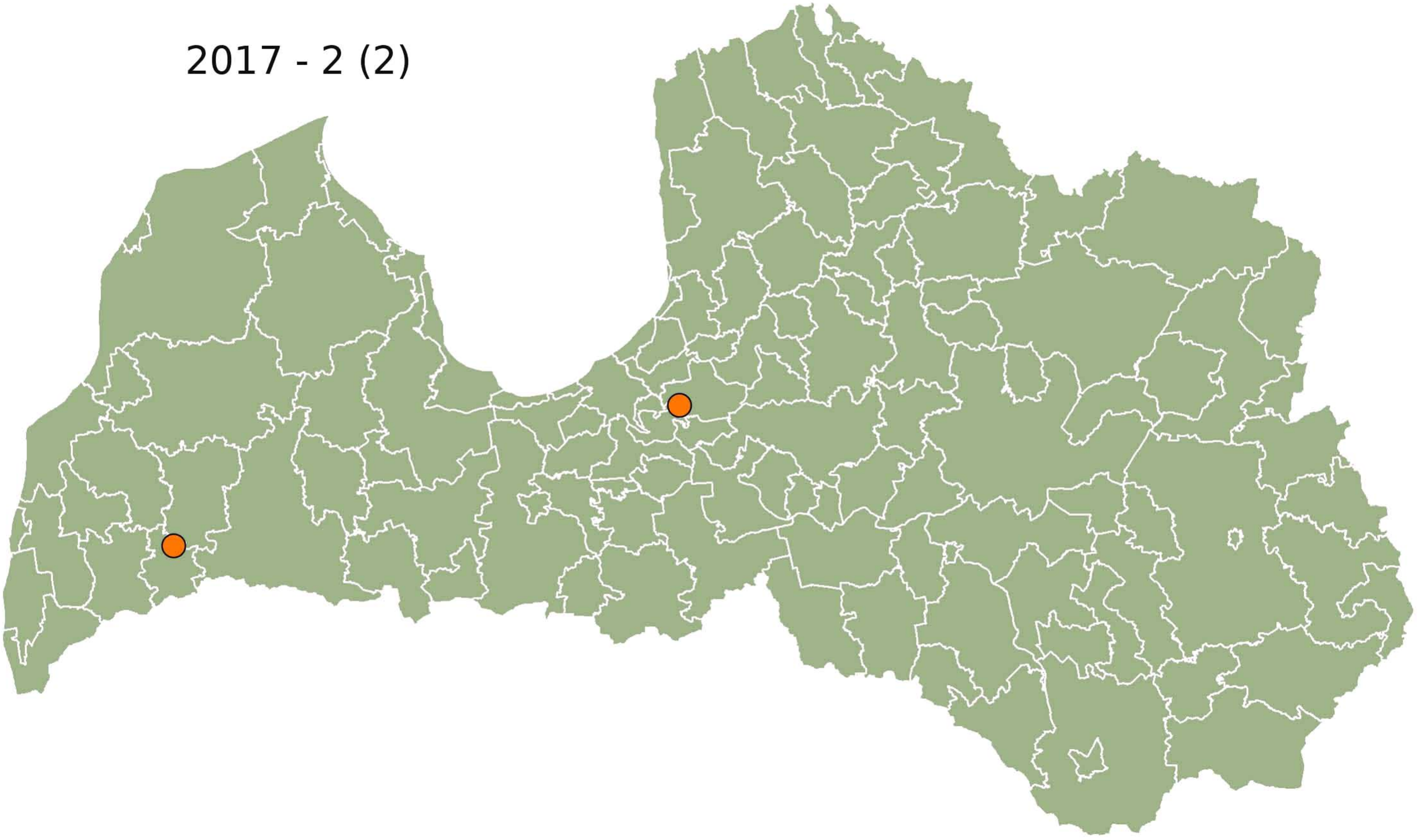
DabasDati.lv
Julita Kluša

DabasDati.lv

Mārīte Ramša

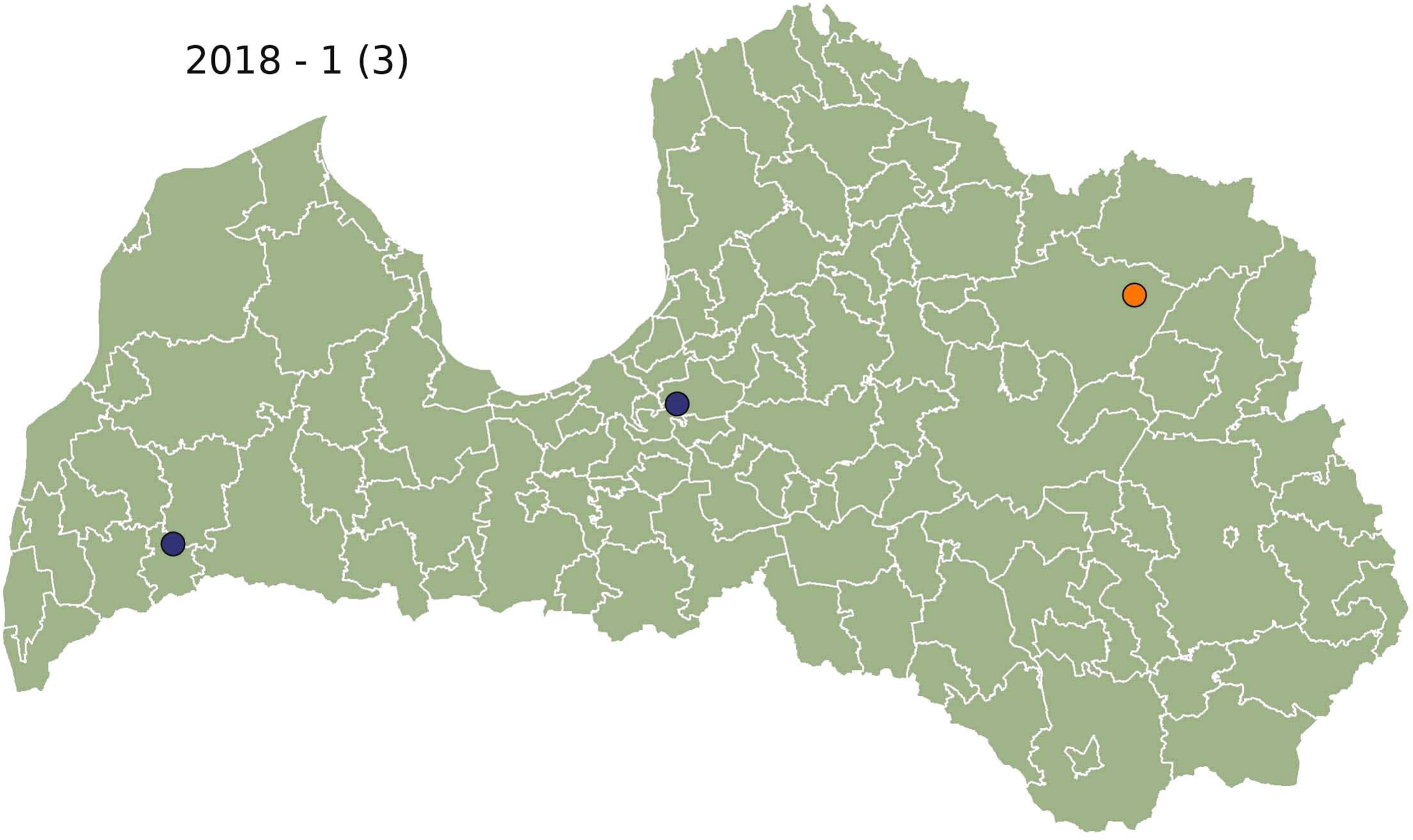
Diderma radiatum

2017 - 2 (2)



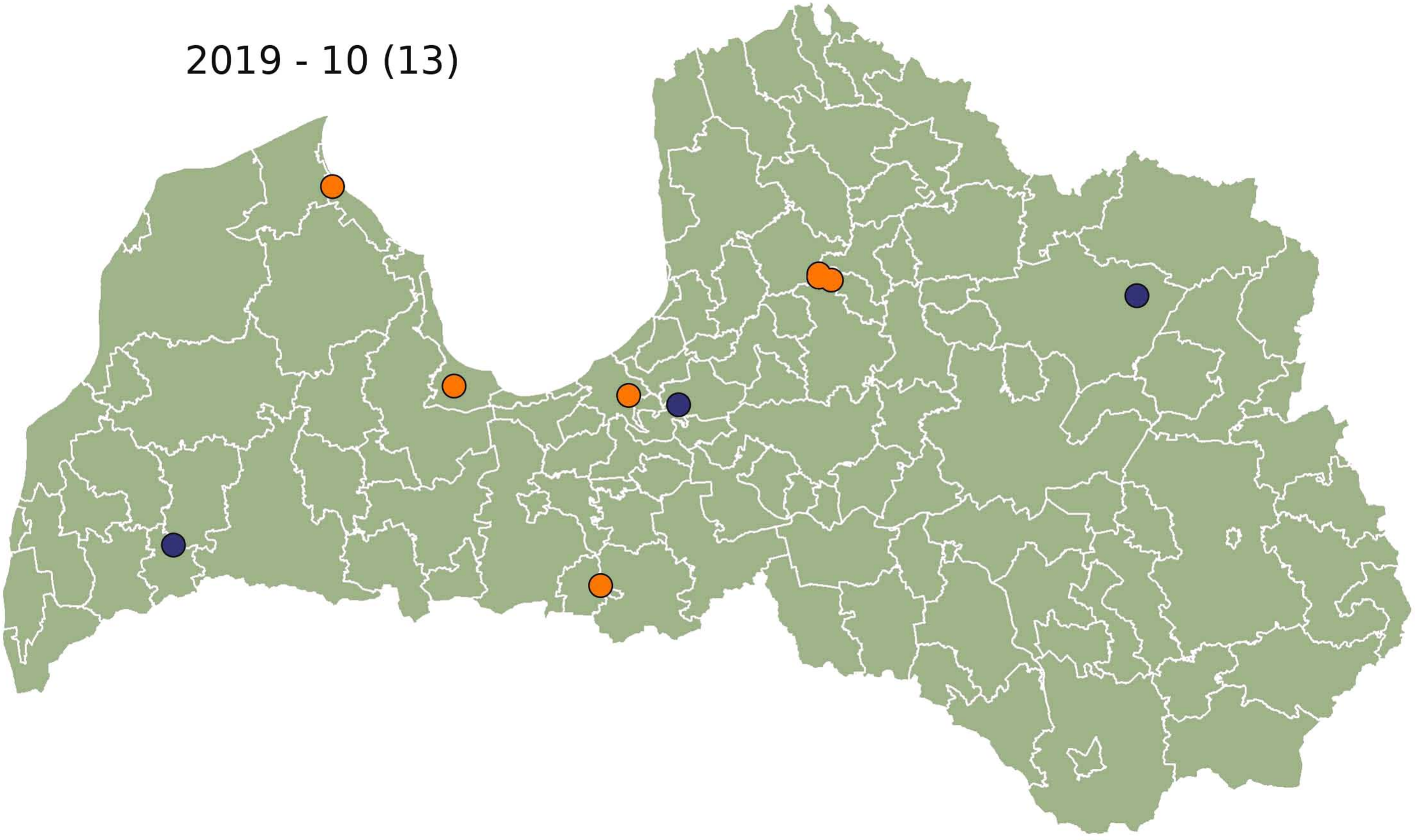
Diderma radiatum

2018 - 1 (3)



Diderma radiatum

2019 - 10 (13)



DabasDati.lv
Sandis Laime

DabasDati.lv
Sandis Laime

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Sandis Laime

DabasDati.lv

Sandis Laime

DabasDati.lv
Sandis Laime

DabasDati.lv

Baiba Pušpure

Enerthenema papillatum

2017 - 2 (2)

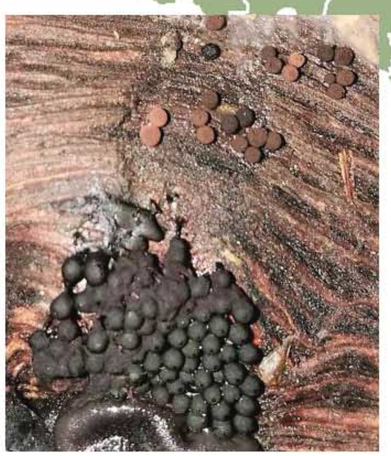


Foto: Laima Birziņa

DabasDati.lv Vēsma Vijupe

Enerthenema papillatum

2019 - 8 (10)

Foto: Laima Birziņa

Foto: Benita Kološuka

DabasDati.lv Laima Birziņa

DabasDati.lv Vēsma Vijupe

DabasDati.lv

Elīna Gulbe

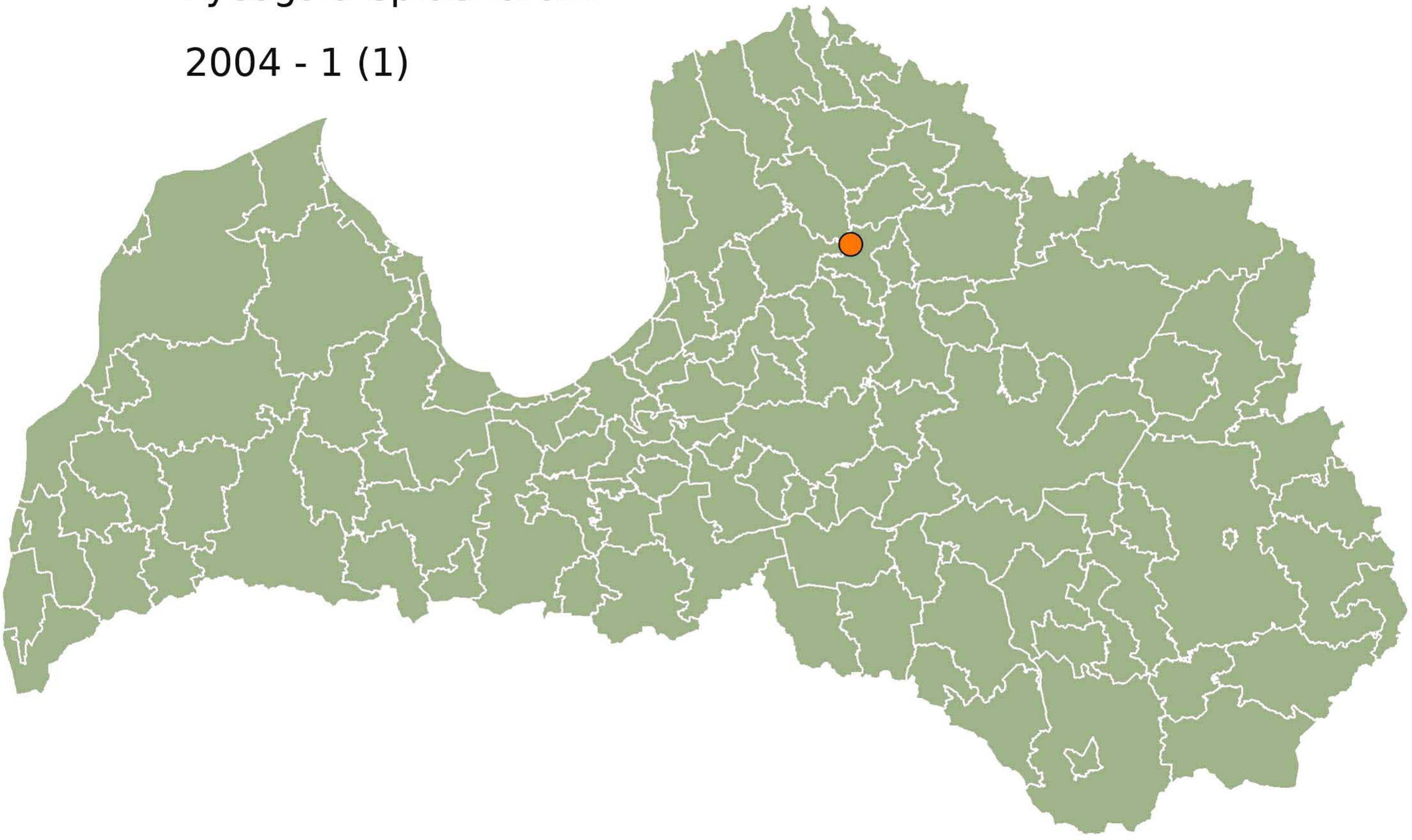
DabasDati.lv Sandis Laime

DabasDati.lv

Inguna Riževa

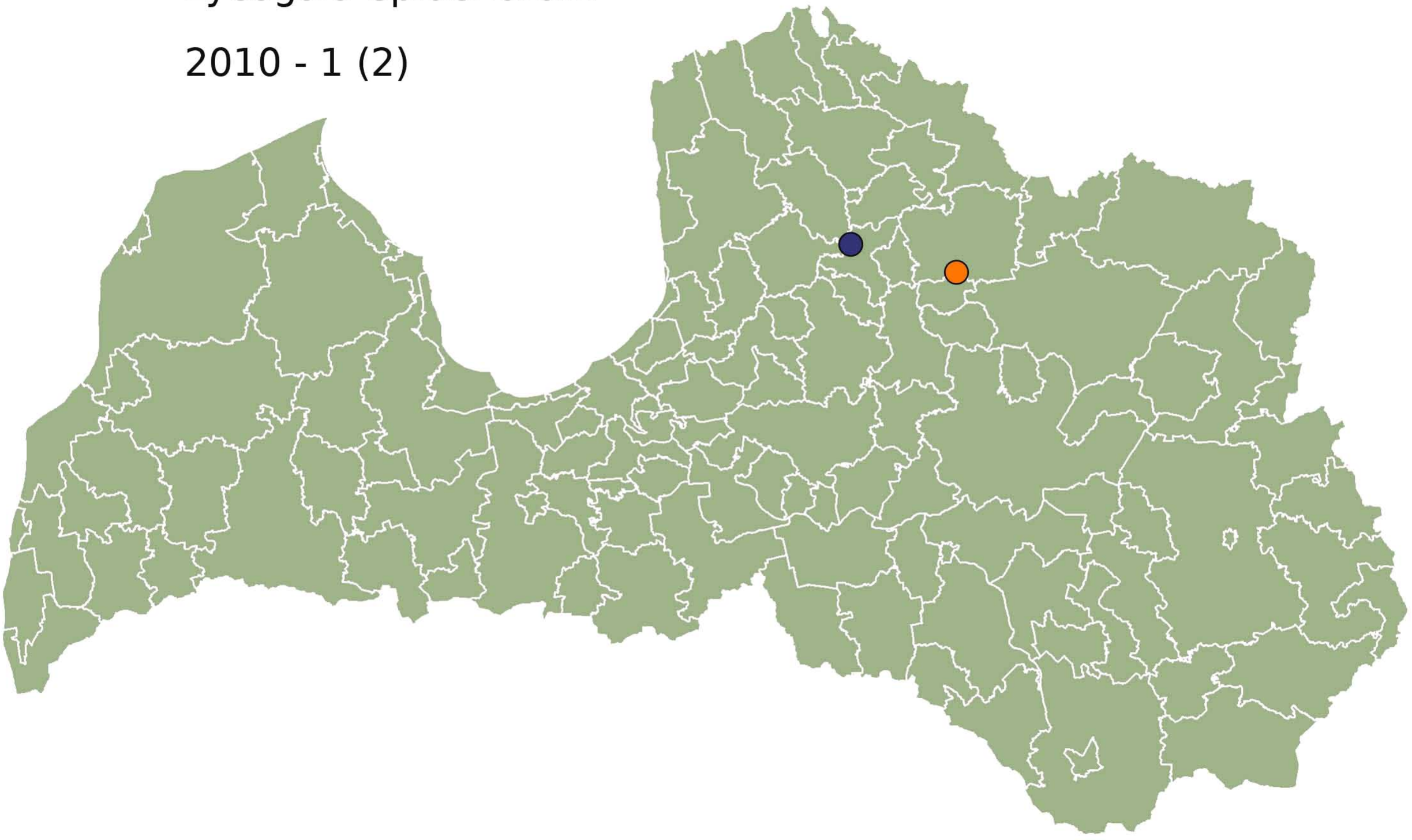
Lycogala epidendrum

2004 - 1 (1)



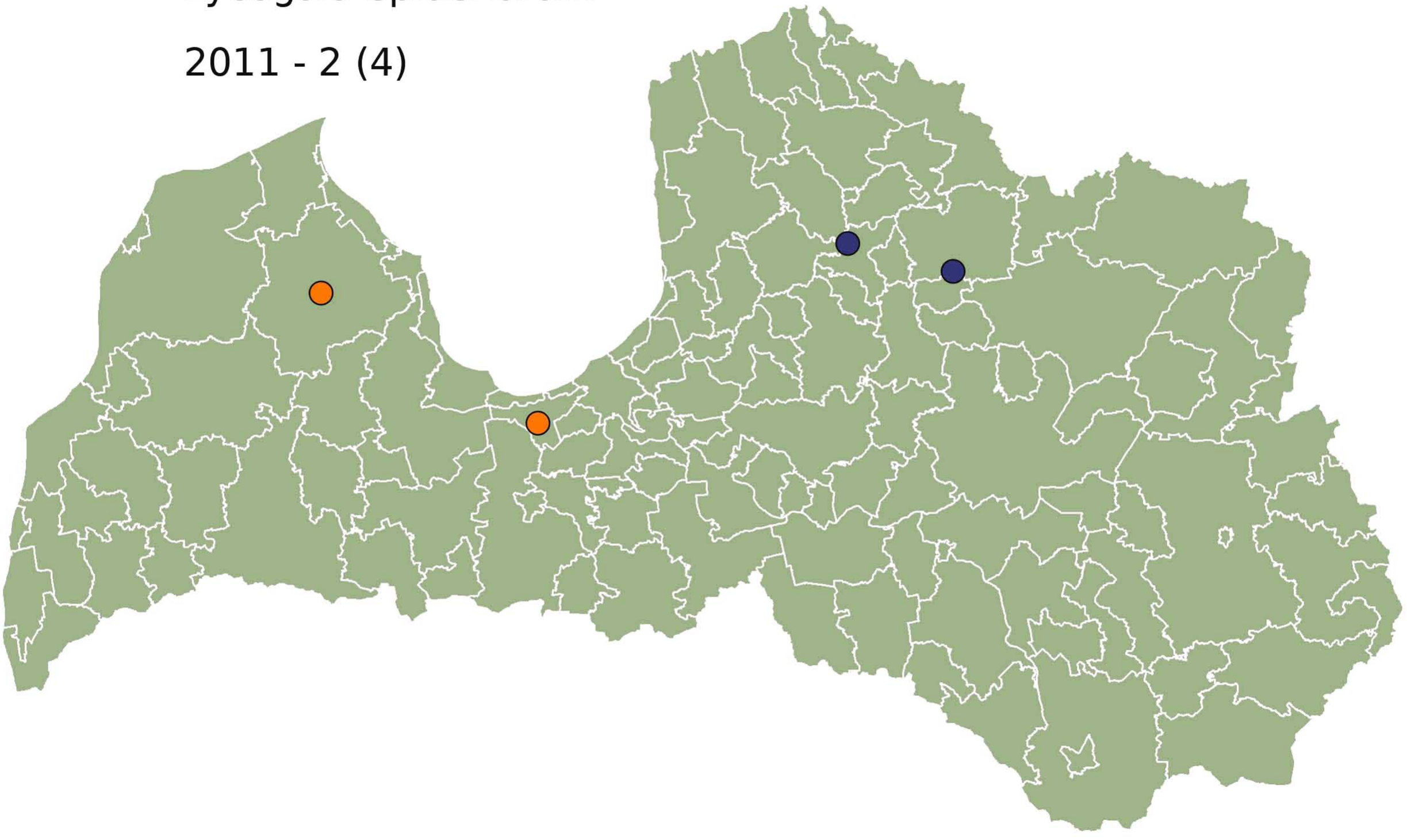
Lycogala epidendrum

2010 - 1 (2)



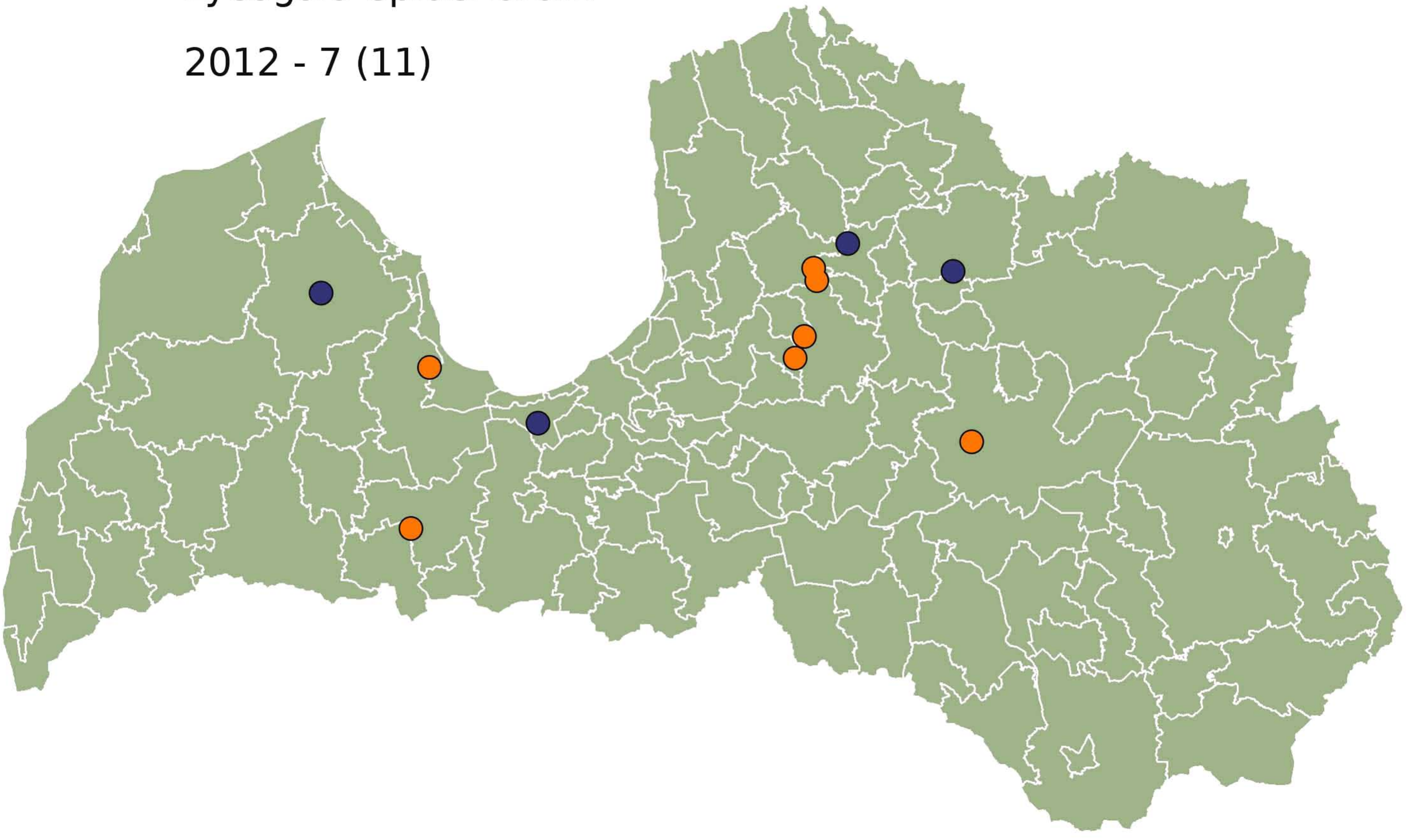
Lycogala epidendrum

2011 - 2 (4)



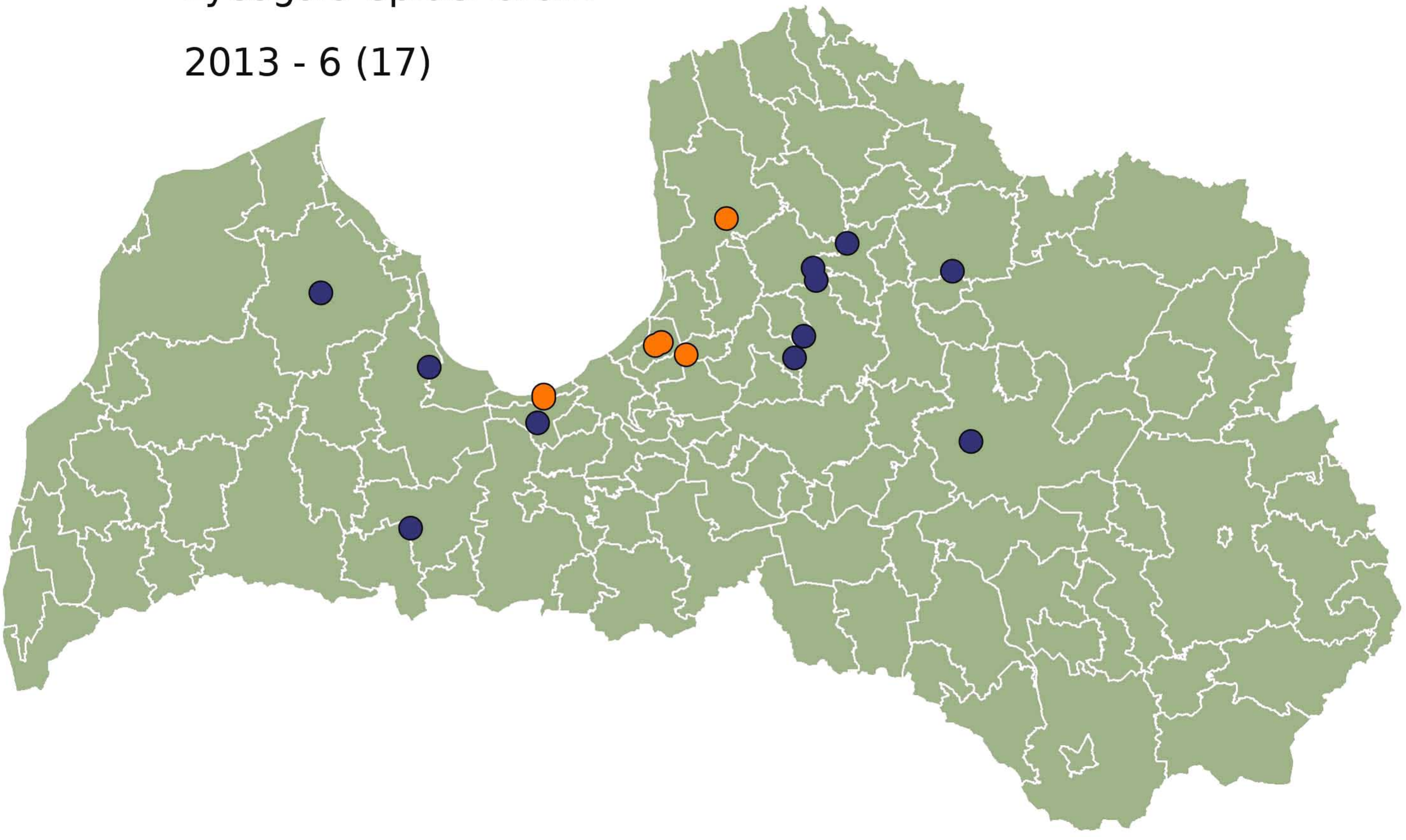
Lycogala epidendrum

2012 - 7 (11)



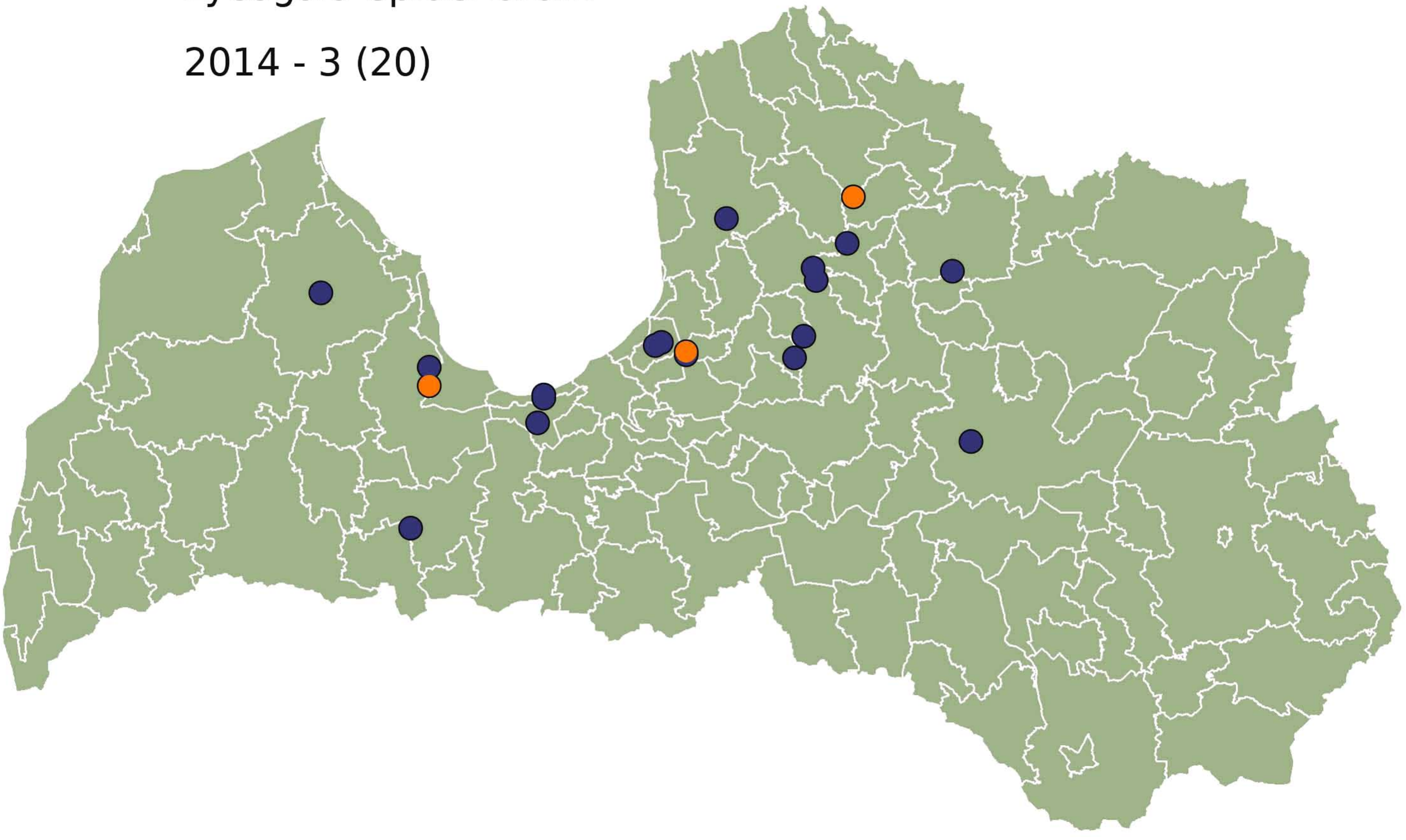
Lycogala epidendrum

2013 - 6 (17)



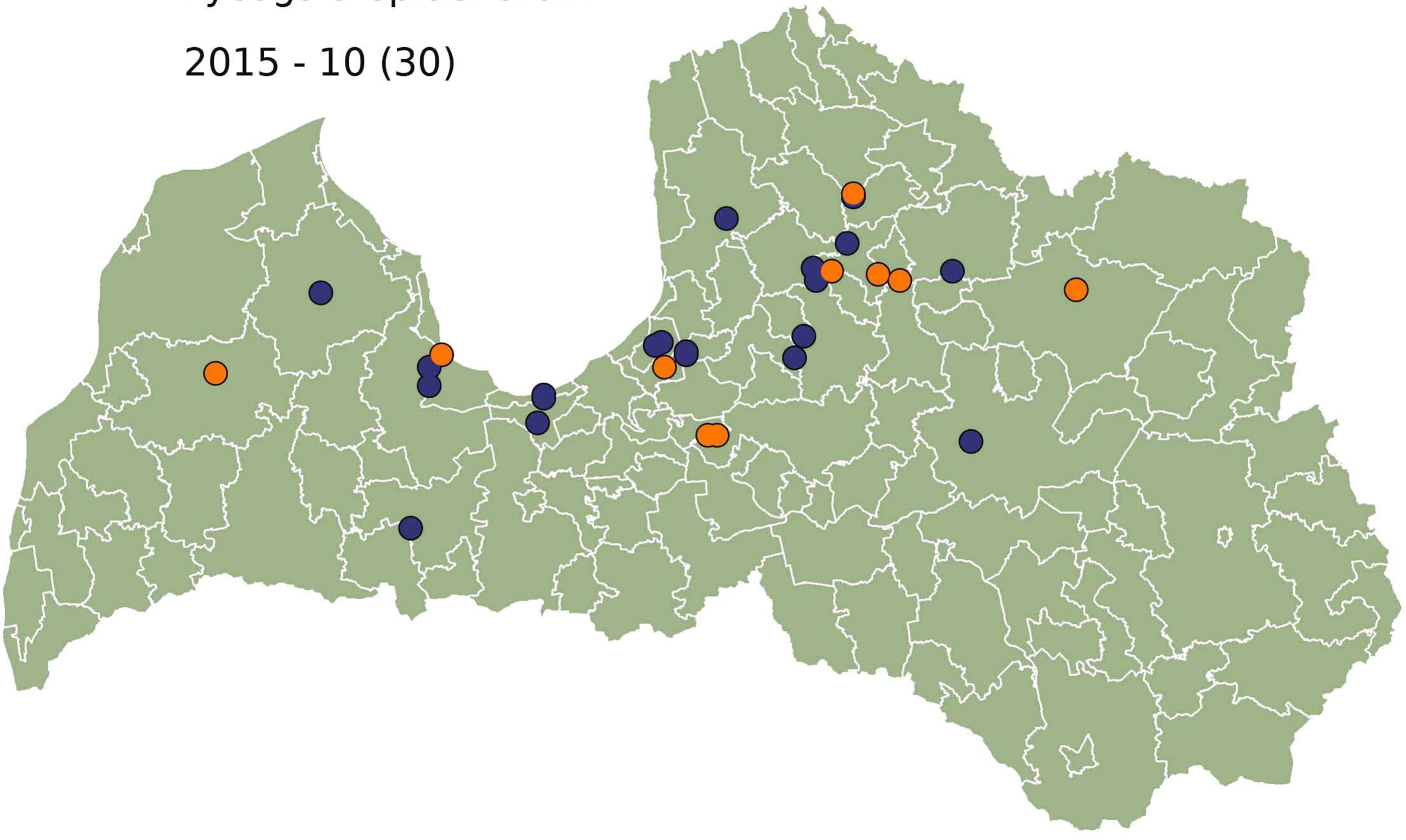
Lycogala epidendrum

2014 - 3 (20)



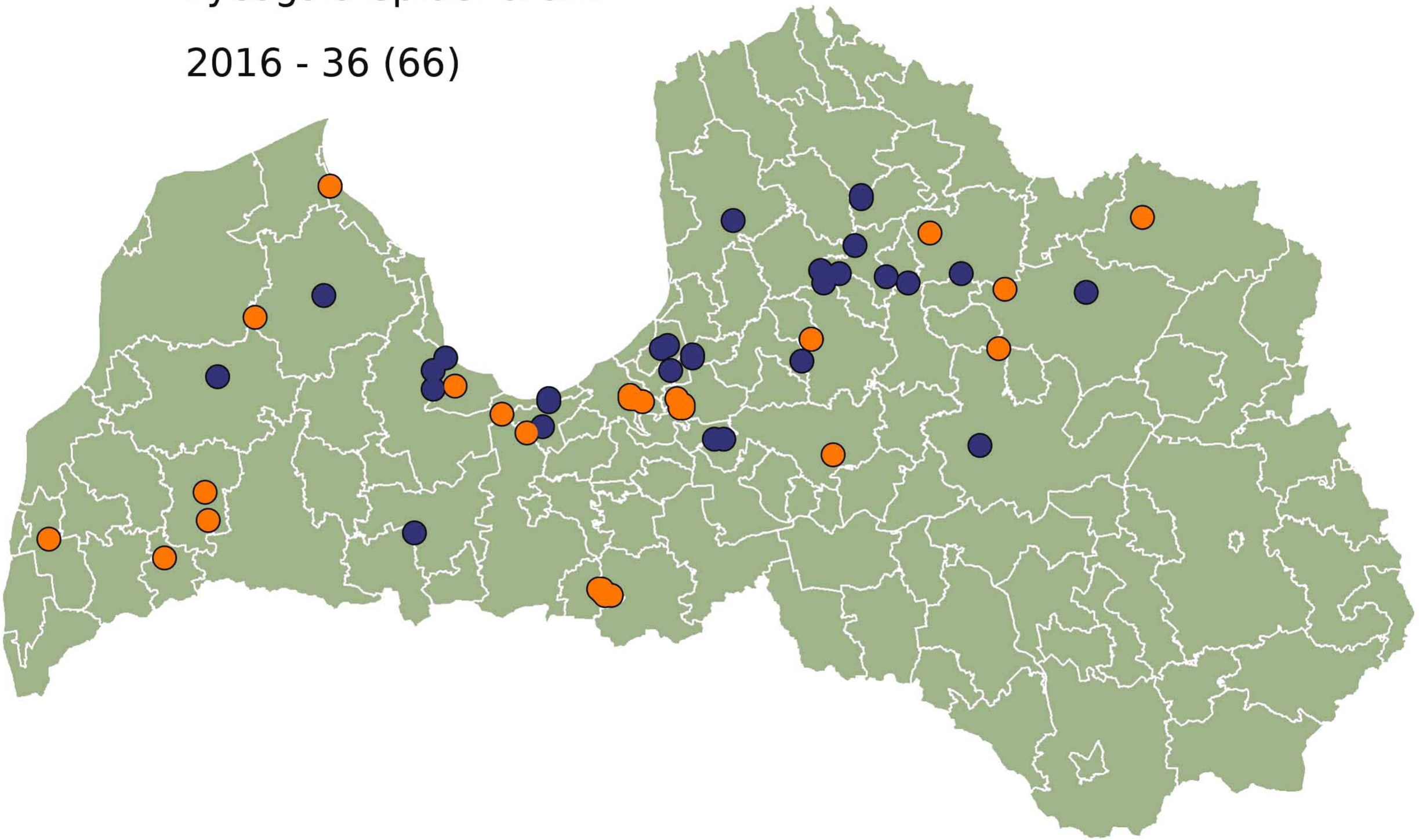
Lycogala epidendrum

2015 - 10 (30)



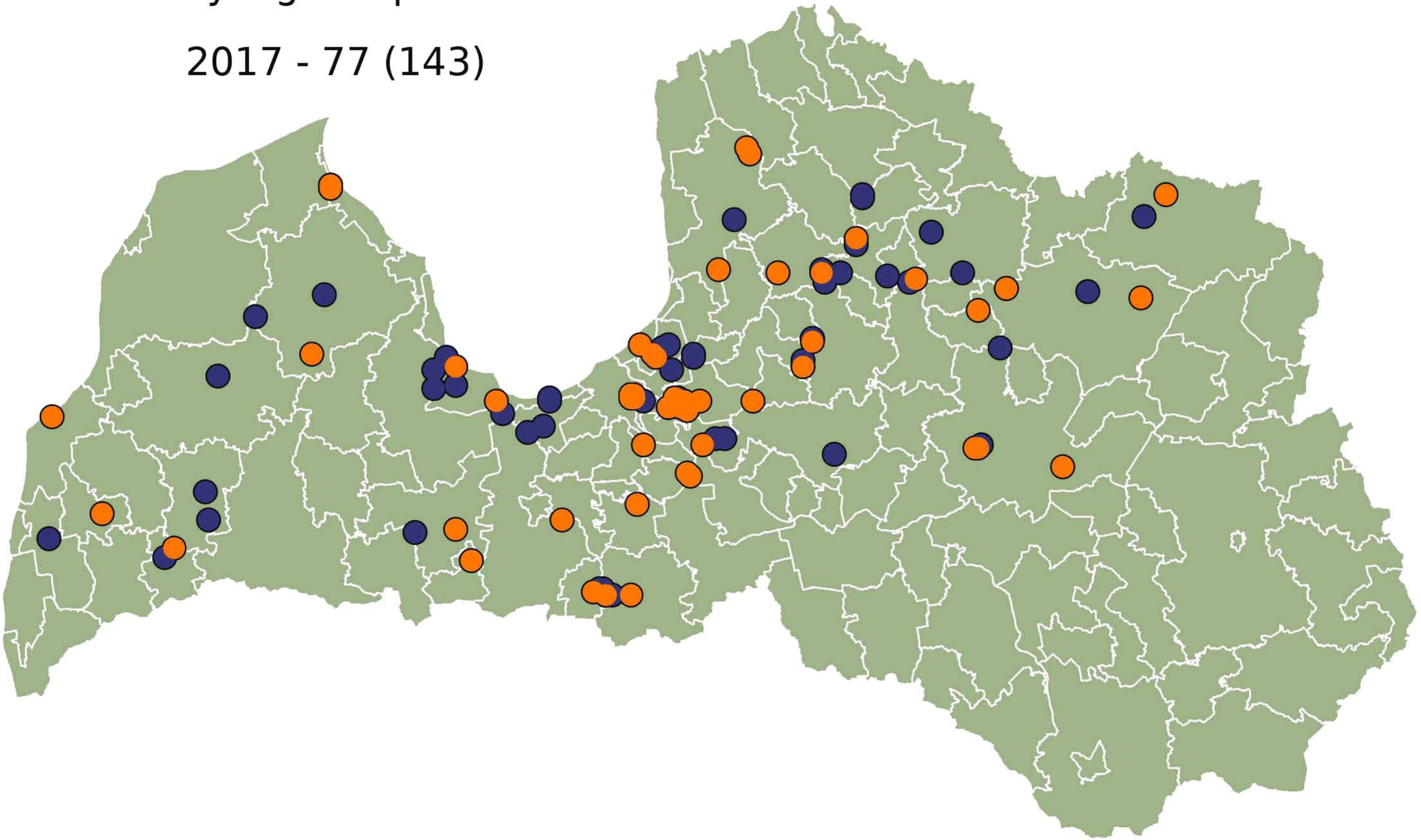
Lycogala epidendrum

2016 - 36 (66)



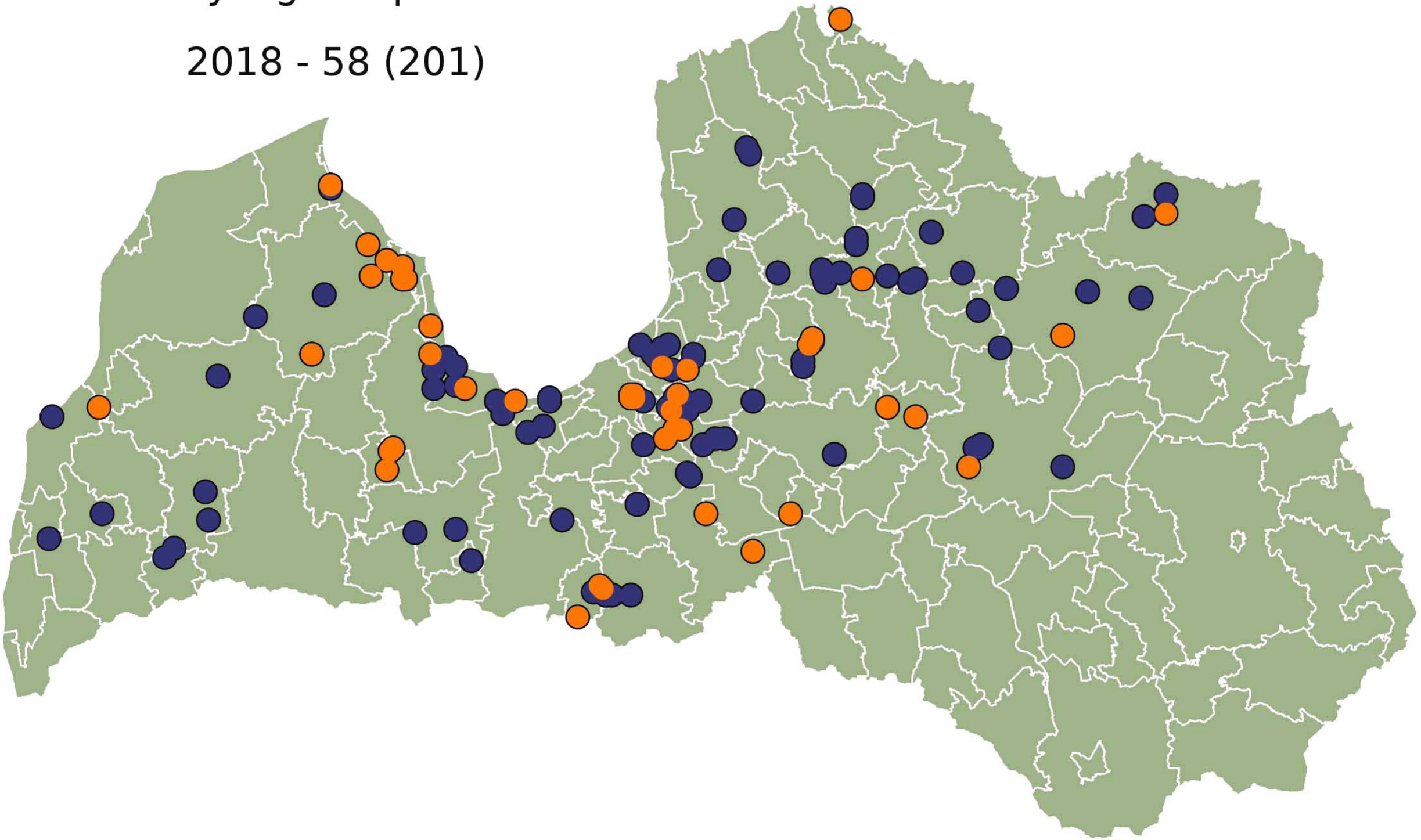
Lycogala epidendrum

2017 - 77 (143)



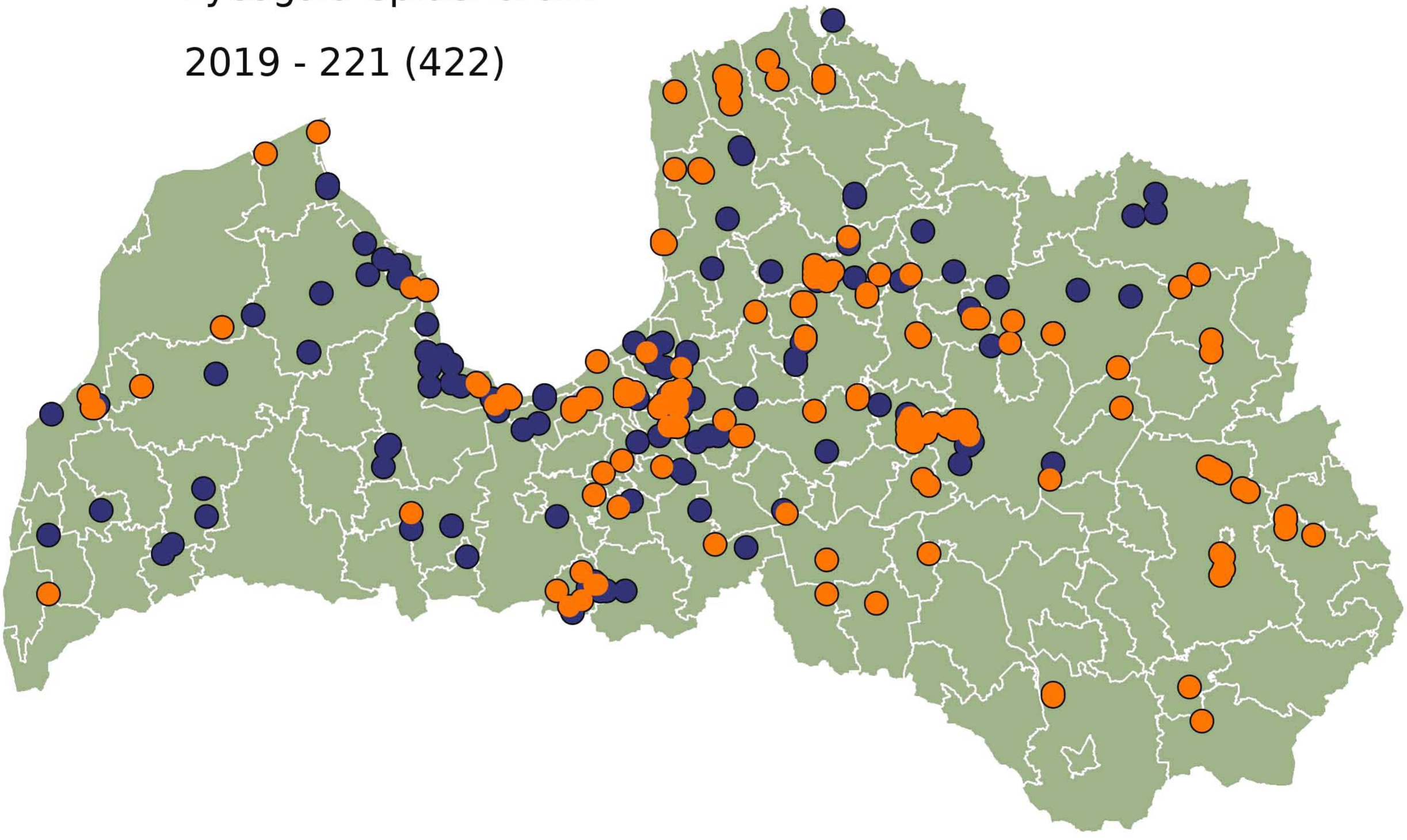
Lycogala epidendrum

2018 - 58 (201)



Lycogala epidendrum

2019 - 221 (422)



DabasDati.lv
Inguna Riževa

* fotografēt dažādos attālumos
* foto no augšas un sāna
* paskatīt, vai turpat nav kāda cita stadija
* vai galviņa vienkrāsaina vai ar rakstiņu
* atkārtoti apmeklējumi pēc pāris stundām, dienām, nedēļas, - lai redzētu attīstību
* ievākt un vērot mājas apstākļos
* ziņot Dabasdatos vienas gļotsēnes visas stadijas vienkopus

* šaubu gadījumā vēlams pataustīt

Foto: Laima Birziņa

Foto: Sandis Laime

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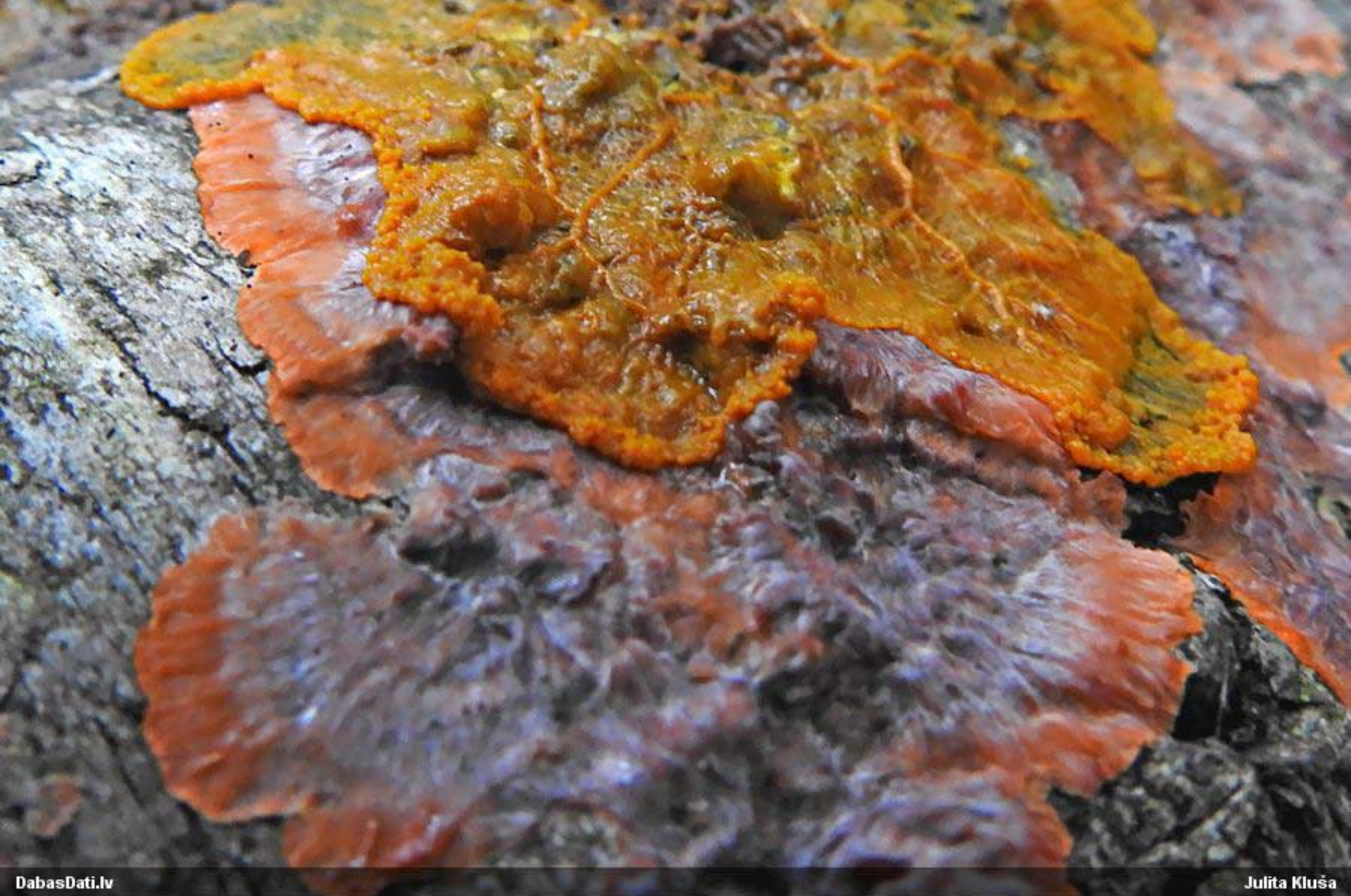
Sandis Laime



DabasDati.lv Julita Kluša

* vai ir un kādā krāsā gļotaina apmale (hypothallus)

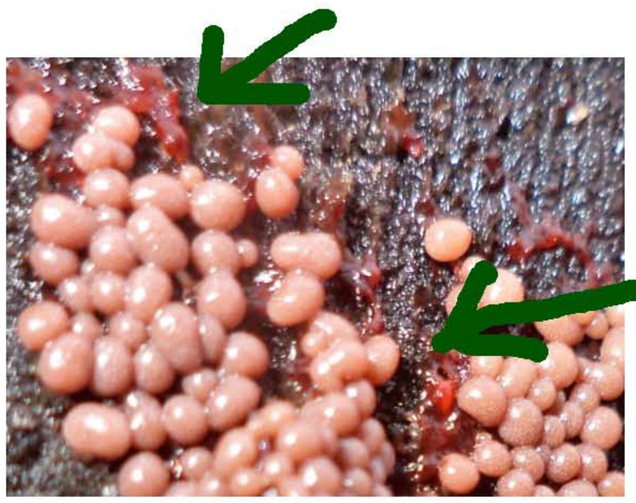
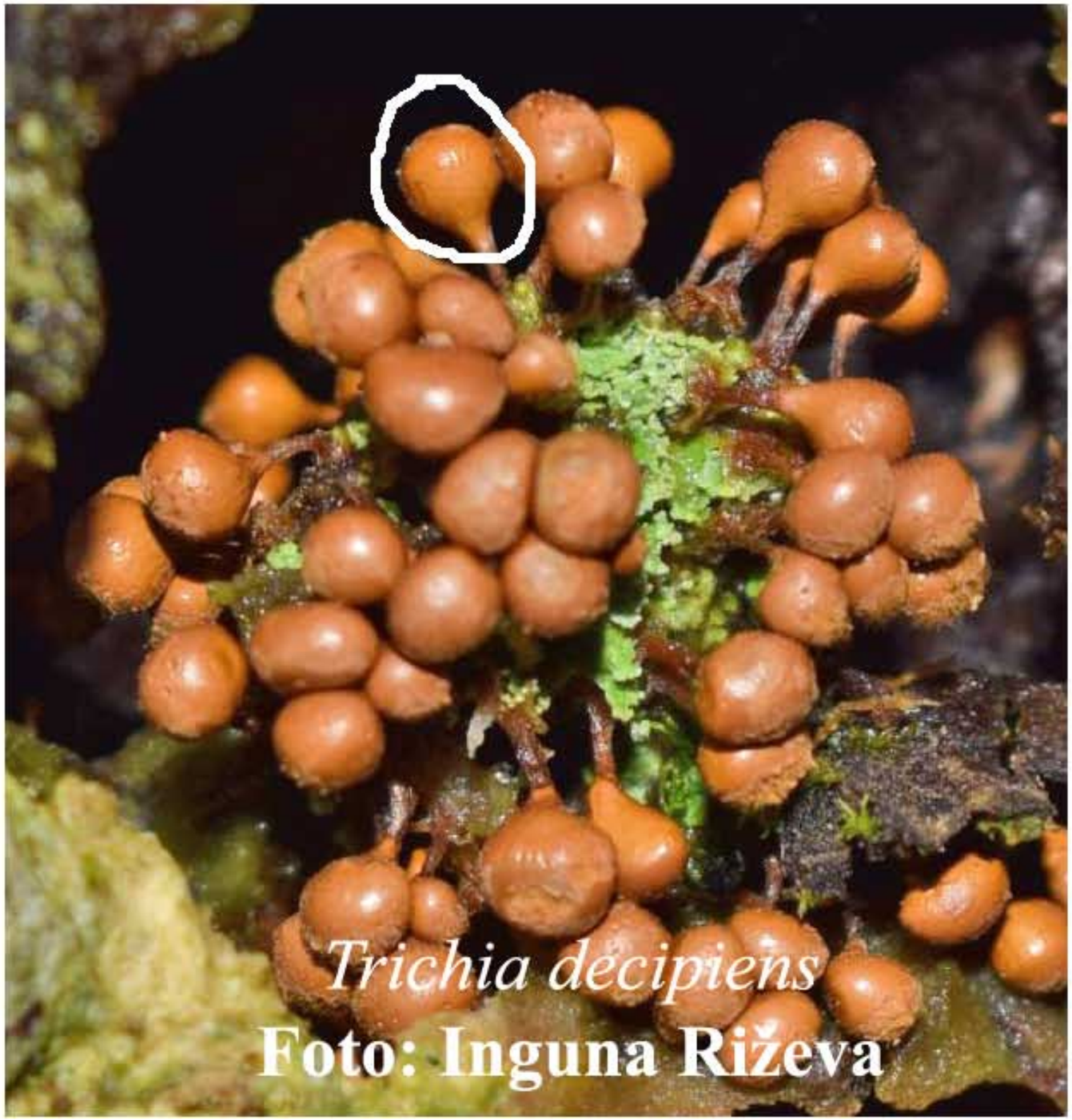


Foto:
Benita Kološuka

Foto: Inguna Riževa

Foto:
Julita Kluša

* jāskata galviņas apakšpuse



Trichia decipiens
Foto: Inguna Riževa

Hemitrichia clavata
Foto: Sandis Laime

* vai ir kātiņš un kāds?

Foto: Benita Kološuka

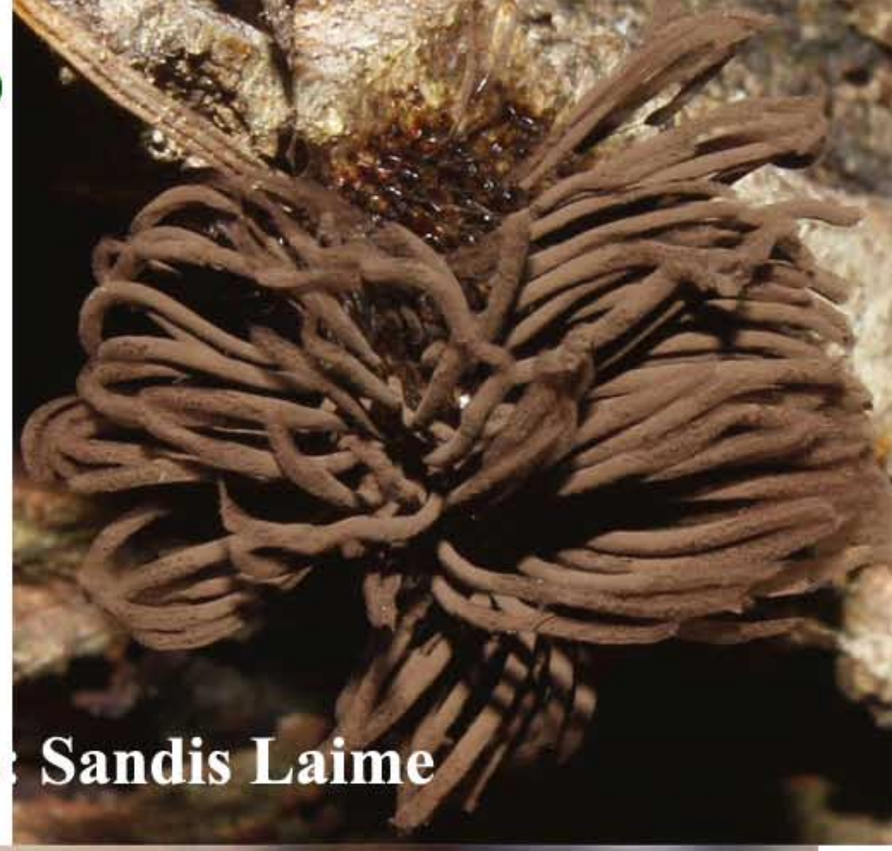


Foto: Sandis Laime

Foto: Marita Krūze

Foto: Julita Kluša

Foto: Inguna Riževa

* Cik gara, cik plata?

Foto:
Laima Birziņa

Foto: Artis Strods

Foto: Julita Kluša

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Sandis Laime

* šķērsgriezums, sporu krāsa

Foto:
Sandis
Laime

Foto: Julita Kluša

* sporu veids; kas paliek

Foto: Evita Oļehnoviča

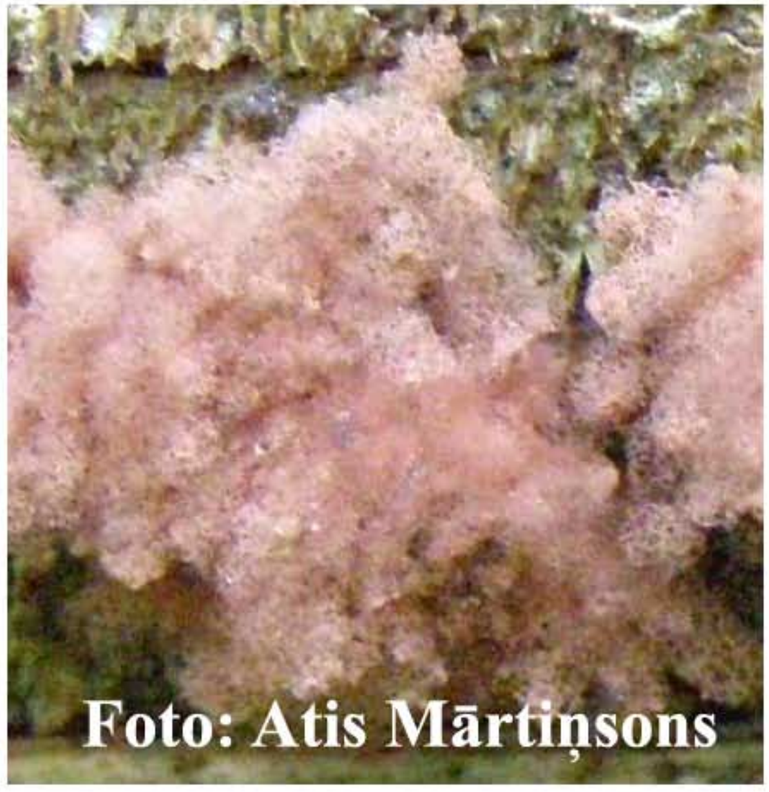

Foto: Atis Mārtiņsons

Foto: Sintija Elferte

Foto: Inguna Riževa

* kolumella (columella) jeb kātiņa pagarinājums

Foto: Marita Krūze

Foto:
Sandis Laime

Foto:
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Gļotsēne

Clastoderma debaryanum

Meklēt!

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Physarum bivalve

Physarum bivalve grows on leaf litter and is fairly common in the UK. The distinctive sporocarps are laterally flattened - only one other British species, *Physarum echinosporum*, is similar. This specimen was found on bramble litter close to the amenity site.

Details

Back

https://clyne-myxomycetes.000webhostapp.com/Physarum_bivalve.html

Īpaša pateicība visiem, kas gļotsēnes ziņojuši īpaši čakli un pielikuši pūles atkārtotu vai rūpīgāku pētījumu veikšanai:

Inguna Riževa
Vija Sileviča
Laima Birziņa
Gunita Kolle
Benita Kološuka
Evita Olehnoviča
Sandis Laime
Vēsma Vijupe
Marita Krūze
Valda Ērmane

Paldies Dzintaram Klušam
par daudzajām prezentācijai ģenerētajām kartēm.