

Appendix G

Lab journal

Abies Abbreviations

Tag
 Vs = *Zygiella x. notata*
 Bs = ~~Lasio~~ *Lasioharinioides sericatus*

Origin
 K.B. = Kleine Butjerstraat
 VH = van Houtendlaan backyard
 Hp = Hoornse Plas
 St = playground (speeltuin)
 Bh = busstop (bushalte)
 VKb = traffic sign (verkeersbord)
 Gr = Groningen
 Ei = Eisenhowerstraat
 beg = beginning
 VB = ?
 PP = parking place
 Ov = other side (overkant)

spiders

Tag	Origin	Date/ week of collecting	ALAN or non-ALAN	sex
Vs A	KB	W46 12/11/19	ALAN	
Vs B	KB	W46 12/11/19	ALAN	
Vs C	VH	W45 9/11/19		ntb
Vs D	HpST	W45 7/11/19?		ntb
Vs E	HpBh	W45 7/11/19		♀
Vs F	Hp	W45 5/11/19		
Vs G	VKb.Gr.Hp	W45 7/11/19		
Bs A	BH Ei	W45 5/11/19		♀
Bs B	Hp	W45 5/11/19		♀
Bs C	beg. Hp	W45 ?		♀
Bs E	HP.Sp.VB	W45 7/11/19		♀
Bs D	Hp.PP.Ov	W45 ?		♀
Bs F	HP?	W45		♀

♀
♀
♀
♀
♀

→ out 5

♀
♀
♀
♀
♀

leaf in box
→ out 5

14/11 spiders were fed with each 2-5 fruitflies
in each box a remotely moist cotton
plug was added

spiders were determined with the aid
of 'larisgids spinner from Caroline
Elfrich, a rockbaard from ARK and a
rockbaard from Eis.

21/11 spiders were fed

29/11 V_s E died
V_s G died

V_s B had an egg sack
B_s D was missing
V_s had an egg sack
V_s F had an egg sack
living spiders were fed

6/12 V_s D died and had mold

V_s F died
fed spiders

unbearable insect in B_s D

18/12 B_s E died & B_s C & B_s F

putted the egg sack from V_s F into a vial
called it A

2 18, 19 or 20 december fed spiders

20/12 transferred spiders to new/clean boxes
+ feeding + moist cotton plug
fed vial A
fed spiders

transferred egg sack to vial B

7/1 transferred fruitflies to new flask

counted baby spiders out the egg sack

fruitflies over dead in vial } all traces of webs
V_s F₂ = A = 9
V_s B₂ = B = ± 32
B_s A₂ = C = 7 30
↳ adult spider looks dead

V_s A died → mold on spider
↳ little egg sack → to vial

B_s B died → looks like she didn't eat for weeks
↳ egg sack ↳ ± 7 dead fruitflies
↳ transferred to vial

B_s A₂ → removed adult spider, leaf and cotton plug

fed V_s B & V_s C 3 flies each

8/1 filling 4 trikinetics tubes with each one
spider, closed with cotton plugs with sugar water
pink = A
blue = B
yellow = BSA₂
green = A?

added cotton plugs with sugar water
to A, B, C

4/2 Bs II - II 4 in tubes

→ 2 fungus + 5 death

Vs B₂ I → 4 in tubes

Vs B₂ II 3 alive in tubes
1 in box death, 1 in tubes
looks death

Bs A₂ I 7 in tubes
+ 1
8 death

Vs F 2 1 fungus
1 death

- | | | | |
|----|--------|----|-------|
| 1 | Vs II | 17 | Bs I |
| 2 | | 18 | |
| 3 | Vs II | 19 | Bs I |
| 4 | Vs F 2 | 20 | |
| 5 | Vs II | 21 | Bs I |
| 6 | | 22 | |
| 7 | Vs II | 23 | Vs I |
| 8 | Bs II | 24 | |
| 9 | | 25 | Bs II |
| 10 | Bs I | 26 | Vs I |
| 11 | | 27 | |
| 12 | Bs I | 28 | Vs I |
| 13 | | 29 | |
| 14 | Bs I | 30 | Vs I |
| 15 | | 31 | Bs II |
| 16 | Bs I | 32 | Bs II |

monitor 22 11:09
11:10 green

Friday → lights out

7/2 X_a accidentally gave them a lot of fruitflies

- | | | | |
|----|--------|---------------------------------|------------------|
| 1 | Vs II | + F in S&A | |
| 3 | Vs II | + W → thin | |
| 4 | Vs F 2 | stuck in agar + | not to eppendorf |
| 5 | Vs II | F in agar | → tube |
| 7 | Vs II | FA | → T |
| 8 | Bs II | + no F | |
| 10 | Bs I | + FAS foot in mac F | X |
| 12 | Bs I | + spider stuck in bit | |
| 14 | Bs I | + Fs | |
| 16 | Bs I | + Fs | |
| 17 | Bs I | + Fs | X |
| 19 | Bs I | + Fs | X |
| 21 | Bs I | + Fs | |
| 23 | Vs I | + Fs W | |
| 25 | Bs II | + a lot fungus up knockd spider | X |
| 26 | Vs I | W | ↑ |
| 28 | Vs I | W ↑ | |
| 30 | Vs I | W? ↑ | |
| 31 | Bs II | Fs & A + | X |
| 32 | Bs II | + Fs | |

† = death F = Fungus S = Spider A = Agar
W = Webthreads M = Molded ↑ = tube
X = not to eppendorf tube

10/1 place ~~and~~ each in a vial with a moist cotton plug.

place vials in the climate room

at ~~added~~ 3 fruitflies

Climate room 0065

humidity: 80%

temperature: 15°C

sun rise, 8.30 - 9.30

sun set, 4 - 5

added cotton plugs with sugar water to spiderlings → placed vials with spiderlings in boxes.

placed all spiders + egg sacs in the climate room

at evening collected spiders at Hooimeplas

3 spiders XA ① 0.2 Lux halverwege bord
2° ingang wandelbaas onder hondenbord

XB eisaal gelouwe overkant

~~X~~ XC 1 spider ③ 0.01-0.02 Lux
3° prullenbak thu eiland

XD 1 spider 0.66-0.67 lux
bushalte Hp r. Groningen

XE egg sac - 3 spiders max 0.1 lux
voelgangerbord dichtbij marktstrand,
PP.

X_F - 1.25 lux WC overkant, 1 spider

16/1 bed spiders with flies

17/1 replaced cotton plugs with sugar water in spiderlings

22/1 bed spiders with 3 flies
X_F dead

24/1 V₅B₂ divided over 2 new boxes

V₅B₂ / I

(8 spiders)

↳ 1 lock

dead

mostly from lit

V₅B₂ / II

(7 spiders)

↳ 1 lock dead

trial with V₅B₂-I spider

31/1

V₅F₂ 2 spiders left

V₅B₂ - I 4

V₅B₂ - II 5

" " 3 fungus spiders
molt on cotton

X_C still has flies left → not fed again

B₅A₂ I = 16 spiders
" II 11

1 fungus
→ 2 maybe dead
↳ 8 fungus dead

? 29/1? X_F died

X? died 0.02-0.06 Lux → 3/2 left max