Rhago C	Climate	Change	Expt
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Spring 2018

Green house	Green	nouse
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		7
Date	(MM/DD/YY): _	7
Date		

Observer: APL

Treatment: HxAWARMING

Trial name: HxA\_\_(\_\_O) (e.g., HxA\_W\_01)

Exclude - attempt only

Obs start & end times:  $2 \cdot 07p - 5p$ 

	Actor (la	ands on ba	ck of other fly)		Receiv	er er		Copulation			
0	Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	Notes	
	113	M	App	WB	F	Haw	240	/		imissed stat, & possible it's a successful co	0.
	-										

Notes: HawCo7 GB 5300 died@ 2:17; it's really hot, sprinkled water along cage bottom

Spring 2018

Greenwork

Observer: ARL + AM

Treatment: HxAWARMING

Trial #: \_3\_\_

Exclude

- attempt & within sex lonly

Obs start & end times: 2.05p - 5p

		Copulation		er	Receiv		ck of other fly)	nds on had	Actor /la
Notes Orion	Success (>300 sec)	Attempt (<300 sec)	Duration (sec)	Host (Haw, App)	Sex (M, F)	Marks	Host (Haw, App)	Sex (M, F)	Marks
Sat face to face for 5 minutes prior, - bunile sporting each other w/ legs			735	Haw	F	4-	Haw	M	WR
boxing			3	App	M	C	Haw	M	WR
				V V					
Plies on the lander									

Notes: it's really hat today, had to sprinkle water on floor of cage, 20 flies would by drase courship both W9 - WGOT App App

Mass Mating Trials: 5 of each sex & host, 20 total

Spring 2018

Date (MM/DD/YY):	71	16/	18	

Treatment: HxA Control

Trial #: \_ U

Trial name: H

Obs start & end times: Start 12:48

End 4:01

Actor (la	nds on bac	ck of other fly)		Receiv	er		Copulation		
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	Notes
WEC	57	Haw	C	9	the	Thr 43m 29		/	(23:19
6	57	Haw	CH	0	App	13/15/03		/	
B	07	App	BC	9	Age	25mn 46s		V	
G	071	Aw	GW	9	Hzw	25mm 305		/	
6	57	How	CM	9	App	17mm 105		<b>V</b>	repeat pair
GC	07	App	GW	9	Haw	20min 15s		<b>✓</b>	
B	SIM	APO	ER BG	9	Haw	17min 453		<b>V</b>	
R	07	ARR	CR	9	Haw	27m535		V	
B	67	ARD	RY	9	APP	15min 165		V	
CG	071	App	CR	9	Haw	37m21s		1	
CW	07	Hàn	C	9	Haw	33m155		<b>/</b>	

Mass Mating Trials: 5 of each sex & host, 20 total

Date (MM/DD/YY): _ 7   16   18	Observer: ARL, AM
Treatment: HxA Control Trial#:	Trial name: 1+x4-C-O (e.g., HxA_W_01)
Obs start & end times: 8-4+12:55 Ex	rd: 4:07

Actor (la	nds on ha	ck of other fly)		Receiv	er	(	Copulation		
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	Notes
C	12.7	Haw	YR.	2	Haw	44min 00		V	(20 \$ 25
46	07	App	BG	9	APP	28min 115		/	
CW	8	Haw	CG.	9	Hab	26m 495			
CW	3	Haw	MANDE	9	Hew	27m125		V	Continued after take down
CV	0								repeat pair
	-								

Notes:

23

.

Mass Mating Trials: 5 of each sex & host, 20 total

Date (MM/DD/YY): 7/18/18

Observer: ALL, AM

Treatment: HxA CONTROL Trial #: \_\_\_\_\_\_ Trial name: HxA-C-\$\omega\_{\text{e.g., HxA}}\$ (e.g., HxA\_W\_01)

10

Obs start & end times: 1 48p -4:48p

7		Copulation		er	Receiv		ck of other fly)	nds on ba	Actor (la
Notes /	Success (>300 sec)	Attempt (<300 sec)	Duration (sec)	Host (Haw, App)	Sex (M, F)	Marks	Host (Haw, App)	Sex (M, F)	Marks
in pair + 2 87s to distolge	V Capita		13min 05	Haw	. 8	YR	Haw	8	R
J.		$\checkmark$	305	App	9	8	ADD	3	WC
	<b>/</b>		10m10s	App	9	C	App	8	G
(12:37)	/		25m 3u5	Haw	9	B	Age	87	WC
(5:33)	V		19m 255	thaw	7	G	thu	8	CY
	$\checkmark$	,	47m585	Haw	9	BC	Haw	8	R
	V		32m235	tlaw		TRY	Haw	07	CY
	And		36m 135	Haw	9	G	Haw	8	RG
yon We?	1 Copy 5		30m 15	Haw	9	B	App	d	W
after take down	Continue		49m 485	Haw	9	YR	APP	8	W C
d after take down	1 Continu		23m55	Haw	9	G	Aco	8	W

Notes: 2 HawCots dead before trial GB #4, WR #727 ec1714, ec712

Rhago	Climate	Change	Expt
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Date (MM/DD/YY): 7/23/18		Observer: ALL
	Trial #: <u>Ŧ</u>	Trial name: $H \times A - C - D7$ (e.g., HxA_W_01

Obs start & end times: 11:38A - 2:38P

		100				M. M.W : 80			
Actor (la	nds on had	ck of other fly)		Receiv			Copulation		Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	Notes
16.	3	Herw	WC	9	ADO.	1:56:2	2	/	
WY	3	Ann	B	7	How	2757		V	
12.	DA	App	1	9	Azw	56:05		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
WR	07	How	B	9	thu	48:50		<u> </u>	
MAC								1	
(.()	5	ADD	4	9	Haw	8:50		V	
42	07	App	GB	2	App	34:27		<b>/</b>	
46	3	Haw	WC	9	App	4.58			repeat pair
							1		

Mass Mating Trials: 5 of each sex & host, 20 total

Spring 2018

Date (MM/DD/YY): 7 25 19	Observer:
	Trial name: <u>HxA-C-Ø8</u> (e.g., HxA_W_01
Obs start & end times: 11:40 - (8+ )	40

						min: scc			
Actor (la	inds on ba	ck of other fly)		Receiv	er		Copulation		No.
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	Notes
CY	077	Haw	WC	9	Haw	46:31		<b>V</b>	
R	oA	App	WR	9	ADR	56:10		V,	
CY	07	thin	WS	9	Haw	29:44		V ,	
CY	3	Haw	R	7	App	14:11		V	
					1.1				
						7			

Notes: Overcast + vainex

Date (MM/DD/YY): 730 12

Observer: ARL A

Treatment: HxA CONTROL

rial #: \_\_\_\_\_\_

Trial name:

(e.g., HxA\_W\_01)

Obs start & end times: 11:15 - 2:15

MM: RC

	Actor (lands on back of other fly)				Receiv	er		Copulation		
	Marks	Sex	Host	Marks	Sex	Host	Duration	Attempt	Success	Notes
		(M, F)	(Haw, App)		(M, F)	(Haw, App)	(sec)	(<300 sec)	(>300 sec)	
,	GB	27	Haw	WB	2	thin	59:30			
- [		3	Haw	WY	9	Haw	30.20		V	
	Y	5	AN	CY	0	A00	39:04		V	
	G	2	ARD	MY	97	Haw	35:18		V	
	GB	5	Haw	CR	9	Haw	52:59		V	
	YB	31	Han	C-1	0+	App	33:29		<b>✓</b>	Ommued after take down
	07 6		Aoo	9 4	YR	tlaw	27:13		<b>/</b>	
	ع رحی	BG	+law	9 4	CB	Apo	29:19		/	Continued after takedown
	MARIN	FI	Han	WG	9	App	1:25	*	~	Continued after takedown
						11				
				1						

Mass Mating Trials: 5 of each sex & host, 20 total

Observer: ARC AM

Treatment: HxA \_ Control

Trial #: 10

Trial name:  $H \times A - C - IO$  (e.g., HxA\_W\_01

Obs start & end times: 1-2-20

		41.			<u> </u>	min: Scc			
Actor (la	ands on ba	ck of other fly)		Receiv	er		Copulation		
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	Notes
Co	3	Haw	CR	9	ADD	26:41			Ovi positing on apple for 4 min
INR	07	APP	YR	9	App	22:22		·	Repaint on or mand to see (12:27)
G	071	Han	BY	0+	Mest	23:00		V	
G	3	Haw	B	9	Han	10:40		<b>/</b>	in a on back of God trying to disloged White J. All Bo an female
CB	07	Han	R	7	App	20:09		<b>√</b>	Continued after take down @5min
CY	0	Haw	GC	9	Har	19:30		<b>V</b>	
CY	3	+12w	GW	0+	Han	435	$\sqrt{}$		

Date (MM/DD/YY):	Observer: ARC
Treatment: HxA. CONTRO Grial #:	Trial name: $\frac{H \times A - C - II}{(e.g., HxA_W_01)}$
Obs start & end times: 10:554-2:05p	i

						Was see				
Actor (la	ands on ba	ck of other fly)		Receiv	er		Copulation			
Marks	Sex	Host	Marks	Sex	Host	Duration	Attempt	Success	Notes	
	(M, F)	(Haw, App)		(M, F)	(Haw, App)	(sec)	(<300 sec)	(>300 sec)		
B	5	ADD	WR	2	ADD.	MATER S	8:39	MAV		
N	07	Appl	C	9	ADD	13:10		<b>/</b>		
G	0	Aran	WB	9+	How	43:13				
B	5	Ann	CB	9	Ago	24:11		/_	after 18min, 2nd male R-towo? on be R-pulled BOFF &	rock of
6	8	Abb	CY	9	And	27:01		V -	R- piled B Off q	mppo 15
R	3	How	WR	2	A00	18:44				
W	87	And	C6	0,	Haw	29:40				
B	3	Ano	C	9	ADP	18:20		V	Continued after take do	min
		FI							Continued after take do	un

Rhago	Climate	Change	Expt
MIND	Cilliace	0110110	-//2

1/18 Observer: AR

Onto Trial #: 12 Trial name: Hx4\_C\_12 (e.g., HxA\_W\_01)

Obs start & end times: 400A - 2.12p

						mui sel			
Actor (la	nds on bac	ck of other fly)		Receiv	er		Copulation		
Marks	Sex	Host	Marks	Sex	Host	Duration	Attempt	Success	Notes
	(M, F)	(Haw, App)		(M, F)	(Haw, App)	(sec)	(<300 sec)	(>300 sec)	
WB	07	Ano 6	5R	9	thw	35:17		V	
3 YG	57	AND	GB	9	ADD	24:27		V	
W	57	Haw	CR	2	ADD	1:04:30	)	<b>V</b>	
WR	09	A00	CO	9	How	34:29		<b></b>	
W	07	HOW	B	0+	Haw	36:51		<b>/</b>	
RYK	53	Ano	GR	9	Haw	1	<b>/</b>		of attempt, lots of who buzzing, 7/e
W	371	Aeb	GW	2	Haw	5:23		V	Centinued after takedown  Continued after takedown
	07	Aren	Y	9	APP	5:20		V	Continued after takedown
		11			1				

Treatment: HXA CONTROL Trial #: 13

Trial name: HXA-13 (e.g., HxA\_W\_01)

Obs start & end times: 11:10a - 2:10p

	Actor (la	tor (lands on back of other fly) Receiver			Copulation						
	Marks	Sex	Host	Marks	Sex	Host	Duration	Attempt	Success	Notes	
		(M, F)	(Haw, App)		(M, F)	(Haw, App)	Mik(sec)	(<300 sec)	(>300 sec)		66
-	WY	8	App	M	柳伞	Haw	36.05			RY Haw of attempted to pull wyo	<b>917</b>
-	KAR WG	18	Add	R	9	Haw	1:18				i !a
	WG		App	R	9	Haw	26:25			5 & flew to other side of sage +:	51190K 5/9
4	A/B	3		4B	9	Ago	110:12				
	NAME:	8	App	B	0+	+law	375				
B	WG	ST	Man Hau	Na	0+	Han	1h/25:14			Continued after takedown	case fully
-	WY	8	APO	B	9+	App	1hr20:23			To Many disloage wind Commune	of after
*)	YR	3	Haw	R	9+	Haw	17:20			,	49 Redown
	Man			BANK							
	WG	07	ADD	YB	9	Apo	10:28				
						16					

Green house

Date (MM/DD/YY): 6/28/18

Observer: \_

Treatment: <u>H x A WARMING</u>

Trial #: \_

Trial name: HM-W-01

(e.g., HxA\_W\_01)

Obs start & end times: 2.15 - 5:15

_	N . A = -2 //	1haa	of other fly)		Receiv	er		Copulation		Notes
_	Marks	Sex	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	(>300 sec)	Notes
	18	(M, F)	Haw	R	9	App	5205		/	
	WB	3	App	PG	9	Haw	6:34		<b>/</b>	and on the followed & stock
		07	HAW	WG	P	App	3: 27	-		575 copulating position followed by box
(		07	Haw	CB	9	App	22:47		<b>V</b>	
	WG	3	HZW	46	9	Haw	43:15		V	
-	12	37	App	CB	3	App	24:38		V	
F	B	57	Hzw	CP	2	Haw	24.50		V	
-	GB	3	Haw	CG	\$	Haw	305		,	
	YR.	07	App	MG	9	Haw	36.10	1		
)	B	07	Haw	PG	7	ttanv	303			
	WG	_	Hzw	CG		Han	153			
£	^	-21	Hrw	1.14	2	Appl	lons	$\checkmark$		

605 Haw 27:58

Notes:

Haw App

0:53

Haw CG 22:04 App

taw B OTT AM & 46 Haw 68 Haw Haw

Hrw

25 9:48 5 attempts, each 1-2 sec

Spring 2018 greenhouse

	inlas	112
Date (MM/DD/YY):	0125	110

Observer: ARL, AM

Treatment: <u>H x A WARMING</u>

Trial #: 3 Trial name: HxA \_ W\_03 (e.g., HxA\_W\_01) wt 15+ completed

end 4:30

				Receiv	to hot/si		Copulation		Ninhoo
Actor (lai	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	Clasping on wall of lage 36 genital contact
RER B	307	App	WR	7	App	534.05		/	genital Contact
46	071	App	EWC	7	App	11555	/	· V	genite Contact  genite Contact  Contact
B-	029	APP	20.4	0	HAD AR	18:36 11165	· V	/	B-Apple linding on Y-Appl. Be 2199 BG= I tried to lwalk + fly llwhile Bo was a to. Figged over multiple times in beginne
B-	0'	4197	D(D)	+	THE WO	11103			1 1
									,

Notes: 15 acclin in greenhouserall, commacclin in cage - 9s dead AppWo7 H3 WY, AppW9 1000 1198 CR

CY Haw or courting WR Appf

WC App 9, throsting for ori posit

Rhago	Climate	Change	Expt
Miago	Cilitate	Cildingo	

Shillig 201	
Green	house

Date (MM/DD/YY): 6/28/18

Treatment: <u>H x A WARMING</u>

Trial #: 4

(e.g., HxA\_W\_01)

Obs start & end times: 2:20-5:20

				Danain		min: see	Copulation		
		ck of other fly)  Host	Marks	Receiv Sex	er Host	Duration	Attempt	Success	Notes
Marks	Sex (M, F)	(Haw, App)	IVIGINS	(M, F)	(Haw, App)	(sec)	(<300 sec)	(>300 sec)	
CY	577	Haw	4	9	Haw	31:10		V	
			-						¥:
		4							
				-					

Spring 2018 Greenhause

Date (MIM/DD/11):	Observer: ARC
Treatment: H x A WARMING Trial #: 5	Trial name: $\frac{H_xAW05}{(e.g., HxA_W_01)}$

estend 2:55 Obs start & end times: 11:55

Nickon		Copulation					ctor (lands on back of other fly)		
Notes	Success (>300 sec)	Attempt (<300 sec)	Duration (sec)	Host (Haw, App)	Sex (M, F)	Marks	Host (Haw, App)	Sex (M, F)	Marks
								(11.7.7)	
				V.					
					-				
		/							
					-		-		
						1		1	

Notes: by 1:45, 9 flies dead, it's hot

Rhago	Climate	Change	Expt
MIIAEU	Cilitiate	Ciluinge	LAPE

Spring 2018
Creenhouse

Date (MM/DD/YY): 7/10/17

Observer: ARC

Treatment: H x A WARMING

Trial #: <u>6</u>

Trial name: <u>H + A \_ W - O6</u> (e.g., HxA\_W\_01)

Obs start & end times: 11.37 - 240

Actor (la	nds on ba	ck of other fly)		Receiv	er		Copulation		
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	Notes
R	M	App	GR	F	Apr	17:26		/	0 2 10
46	M		WB	F	HAW	>			From thip
							24		

Mass Mating Trials: 5 of each sex & host, 20 total

Treatment: <u>H x A WARMING</u>

Trial #: \_\_\_

Obs start & end times: 11:30

10/25/18 estend 2:30

Actor (la	ands on ba	ck of other fly)		Receiv	er	<u> </u>	Copulation		N. I.
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	Notes
TR	0	Haw	GR	9	\$App	250	$\checkmark$		Court ship Court ship
YB	03	A00	GR	9	Ang	140	/		Courship
YR	7	Asw	CR	9	App	480	/		Coutship
N/Q	7	Haw	C	5	_ 1 0				
							14		

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Rhago Climate Change Expt

Mass Mating Trials: 5 of each sex & host, 20 total

Spring 2018

Date (MM/DD/YY): _	7/16	(2)		Observer:	Apr	, A
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Treatment: HxA WARM Trial #: 9 Trial name: HxA -W -08 (e.g., HxA\_W\_01)

Actor (la	inds on ba	ck of other fly)		Receiv	er		Copulation	,,	
Marks	Sex	Host	Marks	Sex	Host	Duration	Attempt	Success	Notes
	(M, F)	(Haw, App)		(M, F)	(Haw, App)	(sec)	(<300 sec)	(>300 sec)	, , , , , , , , , , , , , , , , , , , ,
46	071	AND	2	9	Asso	56min 425		$\checkmark$	(34:38)
C	8	Haw	RECKICR	40	Maw	35min 24		<b>V</b>	le le
46	07	App	4	9	Haw	20m 445		<b>/</b>	
YG	021	How	CR	9	How	17m 2s		$\checkmark$	

Date (MM/DD/YY):

Mass Mating Trials: 5 of each sex & host, 20 total

Treatment: HxA Wam

Trial #: 9

Obs start & end times:

End: 3:37

Actor (la	ands on ba	ck of other fly)		Receiv	er		Copulation		
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	Notes
16	3	Haw	R	9	App	thr tomin 3	)s	<b>✓</b>	(41:35
RC	071	App	C	8	Haw	20	1		3-19,20 males dis lodged
R	500	Ago	C	3	Haw	60	<b>√</b>		each other
YB	07	A00	WY	9	Haw	35min 215		/	(27:02)
MYB	77	1.00	WY			100 2 2 05	174		No. co
RC	3	ADD	C	+ C	Haw	Manager 2 mi	. 13	/	(21:58
R	37	A60	G	2	Haw	21mm 35		<b>✓</b>	Ionale repetatedly tried to shake
NB	8	APP	RY	4	APP	725	/		Female repeatedly tried to shake male off @approx somin mark YG removed
AB	071	App	CR		Haw	50mm		<b>V</b>	cp8. CR3 remained on side of CR
YG	07	Haw	CR	9	Haw	7m115		V	Continued after takedown
CR	3	ARP	C	9	Haw	21m175		V	Continued of the 45 Rectant

Mass Mating Trials: 5 of each sex & host, 20 total

Spring 2018

Date (MM/DD/YY):

Treatment: HxA WARM

Trial #: \_\_\_\_\_\_

Trial name: HxA-W-II (e.g., HxA\_W\_01)

Obs start & end times: 1:50p -4:540

Ī	Actor (lands on back of other fly) Receiver				Copulation		G10 8			
	Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	Notes  Males CB + GB porn attempted
481	YRO	87	App 11383	MC	9	Haw	1hr45m425		<b>V</b>	to remove RY& unsuccessfully (53:59)
	CR	07	A00	K	7	App	1hr 22m40	23	V	(54:00)
	CB	07	Haw	GB	2	App	605	<b></b>		
1R2	YROD	P <sub>2</sub>	A00709	Y	2	App	18m26s		<b>/</b>	
	68	5	Haw	GB	8	Ago	1hr49m7	5		(28:58)
	GW	07	APD	4	9	ADD	34m43s		/	
	CB	07	Haw	W	0 +	Haw	13m 525		<b>√</b>	Started again shortly after YRon
421	YRO	07	10011382	wC	9	Haw	10m395		V	Started again shortly after YRoll was removed
67	wa	8	Apo	<b>MWC</b>	9	Haw	195	<b>V</b>		
- •	CR	07	ARD	4	9	App	3min		<del></del>	Started shortly before take down + continued after
			11			1 (				at ter

24R AppWors \$ 1138, 60 709

Spring 2018

Date (MM/DD/YY):	7	18	17	
	- 1	1	_	

Observer: ARL, AM

Treatment:  $H \times A$  WARM Trial #: 12 Trial name:  $A \times A - W - 12$  (e.g.,  $H \times A - W = 12$ )

Obs start & end times: 1:40p - 1:40p

Actor (I	Actor (lands on back of other fly) Receiver					Copulation				
Marks	Sex	Host	Marks	Sex	Host	Duration	Attempt	Success	Notes	
	(M, F)	(Haw, App)		(M, F)	(Haw, App)	(sec)	(<300 sec)	(>300 sec)		
66	5	HZW	Co	Q.	A00	Thr 29m47	5	<b>√</b>	(	58:28
R	571	Haw	R	9	Ann	2hr3lm7	5	$\checkmark$		45:35
GB	5	Hzw	ĊR	9	How	57m275		<b>√</b>	Continued ofter take down	

Notes:

SAVE 4 App Wors for Longevity > as prote out

Mass Mating Trials: 5 of each sex & host, 20 total Rhago Climate Change Expt

Spring 2018

Trial name: HXA - W - B (e.g.,  $HXA_W_{01}$ )

Obs start & end times: 1121

Actor (la	ands on ba	ck of other fly)		Receiv	er	min: sec	Copulation		
Marks	Sex	Host	Marks	Sex	Host	Duration	Attempt	Success	Notes
	(M, F)	(Haw, App)		(M, F)	(Haw, App)	(380)	(<300 sec)	(>300 sec)	
R	5	Haw	BR	9+	Haw	1:02:37		$\sqrt{}$	
WG	3	And	WY	9	taw	38:55			
CB	0	Haw 1	NC _	9	Haw	32:01			
YR	07	App	YB	7	App	40:16			
R	67	HZW	GB	9	ARO	1:15:15			
					CSP 7				
									J.

Mass Mating Trials: 5 of each sex & host, 20 total

Spring 2018

Date (MM/DD/YY):	71	23	18

Treatment: HxA WARM Trial #: 14 Trial name: HxA -W - 14 (e.g., HxA\_W\_01)

Obs start & end times: 1115A - 2:240

						MIN; WIW;	SCC		
Actor (la	ands on ba	ck of other fly)		Receiv	/er		Copulation		
Marks	Sex	Host	Marks	Sex	Host	Duration	Attempt	Success	Notes
	(M, F)	(Haw, App)		(M, F)	(Haw, App)	(sec)	(<300 sec)	(>300 sec)	
and the			KIB		.1				
CAR			VYV		- 1				
WB	09	taw	CR	9	the	5	$\sqrt{}$		lots of lazzing around, & rejecte
6,46	3	4(2)	& CG	7	App	28:08	65	$\sqrt{}$	and 1
		11							
	4	1					A	1	

Notes:

dead before trial AppW9 #1576 R- Box17 em9.1.17 ecl 7.2.18

Mass Mating Trials: 5 of each sex & host, 20 total

Spring 2018

Date (MM/DD/YY): 7/2	3/18	Observer: APL				
Treatment: HxA WAFM	_ Trial #: <u>15</u>	Trial name: $H \times A - W - 15$ (e.g., HxA_W_01)				
Obs start & end times:	MA-2:31p					
Actor (lands on back of other fly)	Receiver	Copulation				

Marks Duration Notes Marks Sex Host Attempt Success Sex Host (M, F) (Haw, App) (M, F) (Haw, App) (sec) (<300 sec) (>300 sec) DA Haw GR on back of W or Set of 3 continuedate

Notes:

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Rhago Climate Change Expt

Mass Mating Trials: 5 of each sex & host, 20 total

Spring 2018

Date (MM/DD/YY):	7	125	118	
			7	_

Treatment:  $H \times A - W$ 

Trial #: (6

Trial name: + - W - 10 (e.g., HxA\_W\_01)

Tr1600

est 11:30 -2:30 Obs start & end times:

Min'SLC

						Mailles . 8-			
Actor (la	Actor (lands on back of other fly) Receiver			er		Copulation			
Marks	Sex	Host	Marks	Sex	Host	Duration	Attempt	Success	Notes
	(M, F)	(Haw, App)		(M, F)	(Haw, App)	(sec)	(<300 sec)	(>300 sec)	
YB	07	Haw	GR	9	Ano	24:54		V	
6B	3	Haw	46	9	Haw	16:30		<b>/</b> /	
48	3	多Hw	G	7	Haw	13:14		<b></b>	
YB	8	Haw	46	9	Haw	13:18		$\checkmark$	
									0.

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Rhago Climate Change Expt

Mass Mating Trials: 5 of each sex & host, 20 total

Spring 2018

Date (MM/DD/YY): 3/25/18

Observer:

Treatment: HxA WARM Trial #: 17

Trial name: HXA\_W\_17 (e.g., HxA\_W\_01)

Obs start & end times: 11:35-2:45

male: Sec

						MM. SCC			1 Schop moto	te
Actor (	lands on ba	ck of other fly)		Receiv	ver 💮		Copulation		Estre mote	
Marks		Host	Marks	Sex	Host	Duration	Attempt	Success	Notes	
	(M, F)	(Haw, App)		(M, F)	(Haw, App)	(sec)	(<300 sec)	(>300 sec)		
CR	07	Haw	B	7	Henr	57:18				
W	07	Haw	C6	9	Ano	27:13		$\checkmark$		
MY	8	Ano	WG	9	Haw	40:41				+ 15
		PV								

Notes:

Over Cast + rainy

This had

Rhago (	Climate	Change	Expt
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Spring 2018

Date (MM/DD/YY): _	7/30

Observer: ARL AM

Trial name: HxA-W-18 (e.g., HxA\_W\_01)

Treatment: HxA Warm

Obs start & end times: 11:41

Actor (lands on back of other fly)  Receiver  Copulation									
Marks	Sex	Host	Marks	Sex	Host	Duration	Attempt	Success	Notes
	(M, F)	(Haw, App)		(M, F)	(Haw, App)	(sec)	(<300 sec)	(>300 sec)	
K	07	ADD	CR	9	Haw	44:09			
R	07)	AVD	W	0+	A 00	24:47		<b>1</b>	
CR	31	App	YR	9	+120	1:16:20		/	(CA)
		1 0							
					DC:				
-									

Date (MM/DD/YY):	Observer:
Treatment: HxA Warm Trial #: 19	Trial name: HxA - W-19 (e.g., HxA_W_01
Obs start & end times: 11:32 - 2:35	

Actor (lands on back of other fly)			Receiver			Copulation			
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	Notes
CB	07	Axo	YB	9	ARD	+	-48:56		
CB	3	Abb	B	9	How	35:30		<b>/</b>	RE,
									0