

Rhago Climate Change Expt

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

Spring 2018

Date (MM/DD/YY): 7/3/18

Observer: ARL

Green house

Treatment: H x A ~~WARMING~~ Trial #: 1a

Trial name: HxA_C_01a (e.g., HxA_W_01)

Exclude
- attempt only

Obs start & end times: 2:07p - 5p

[illegible]

Notes: HawCo → GB 530 → died @ 2:17; it's really hot, sprinkled water along cage bottom

Greenhouse

Date (MM/DD/YY): 7/3/18Observer: ARL + AMTreatment: H x A ^{CONTROL}~~WARMING~~ Trial #: 3Trial name: HxA-C-03 (e.g., HxA_W_01)Obs start & end times: 2:05p - 5p

Exclude
- attempt & within sex
only

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
WR	M	Haw	Y-	F	Haw	73s	✓		Sat face to face for 5 minutes prior, while approaching each other w/ legs - boxing
WR	M	Haw	C	M	App	73s			boxing

Notes: it's really hot today, had to sprinkle water on floor of cage, so flies would hydrate
courtship btw WR - WG →
App App

Date (MM/DD/YY): 7/16/18Observer: ARL, AMTreatment: HxA ~~Control~~ Trial #: 4Trial name: HxA C-04 (e.g., HxA_W_01)Obs start & end times: Start 12:48 End 4:01

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
W 3 C	♂	Haw	C	♀	Haw	1hr 43m 29s		✓	(23:19)
G	♂	Haw	CN	♀	App	13min 50s		✓	
B	♂	App	BC	♀	App	25min 46s		✓	
G	♂	Haw	GW	♀	Haw	25min 30s		✓	
G	♂	Haw	CN	♀	App	17min 05s		✓	repeat pair
GC	♂	App	GW	♀	Haw	20min 15s		✓	
B	♂	App	BG	♀	Haw	17min 45s		✓	
R	♂	App	CR	♀	Haw	27m 53s		✓	
B	♂	App	RY	♀	App	15min 16s		✓	
CG	♂	App	CR	♀	Haw	37m 21s		✓	
CW	♂	Haw	C	♀	Haw	33m 15s		✓	

Notes:

306

Spring 2018

Rhago Climate Change Expt

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

Date (MM/DD/YY): 7/16/18Observer: ARL, AMTreatment: HxA Control Trial #: 5Trial name: HxA-C-05 (e.g., HxA_W_01)Obs start & end times: Start: 12:55 End: 4:07

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
C	♂	Haw	YR*	♀	Haw	44min 00		✓	(20:328)
YG	♂	App	BG	♀	App	28min 11s		✓	
CW	♂	Haw	CG	♀	Haw	26m 49s		✓	
CW	♂	Haw	CG	♀	Haw	27m 12s		✓	Continued after take down repeat pair

Notes:

Date (MM/DD/YY): 7/18/18Observer: ARL, AMTreatment: H x A CONTROL Trial #: 6Trial name: HxA-C-06 (e.g., HxA_W_01)Obs start & end times: 1:48p - 4:48p

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
R	♂	Haw	YR	♀	Haw	13min 0s		✓	copulating pair + 2 ♂s trying to dislodge
WC	♂	App	Y	♀	App	30s	✓		
G	♂	App	C	♀	App	10m 10s		✓	
WC	♂	App	B	♀	Haw	25m 30s		✓	(12:37)
CY	♂	Haw	G	♀	Haw	19m 25s		✓	(15:38)
R	♂	Haw	BC	♀	Haw	47m 58s		✓	
CY	♂	Haw	YR	♀	Haw	32m 23s		✓	
RG	♂	Haw	G	♀	Haw	36m 13s		✓	
W	♂	App	B	♀	Haw	30m 1s		✓	App CG ♂ sitting on W ♂
WC	♂	App	YR	♀	Haw	49m 48s		✓	Continued after take down
W	♂	App	G	♀	Haw	23m 5s		✓	Continued after take down

Notes: 2 HawC ♂s dead before trial GB #4, WR #727
ec 7/4, ec 7/2★ 4 flies stayed together for a long time
> 5minHaw ♂
App ♂
WC
CY, ~~WC~~

Rhago Climate Change Expt

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

Spring 2018

Date (MM/DD/YY): 7/23/18Observer: ARLTreatment: H x A ~~W x A~~ CONTRATrial #: 7Trial name: HxA-C-07 (e.g., HxA_W_01)Obs start & end times: 11:38A - 2:38P

hr: min: sec

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
YG	♂	Haw	WC	♀	App	1:55:22		✓	
WY	♂	App	B	♀	Haw	27:57		✓	
YR	♂	App	Y	♀	Haw	56:05		✓	
WR	♂	Haw	B	♀	Haw	48:50		✓	
WC			WC						
CG	♂	App	Y	♀	Haw	8:50		✓	
YR	♂	App	GB	♀	App	34:27		✓	
YG	♂	Haw	WC	♀	App	4:58		✓	repeat pair

1st
cop
2nd

Notes:

rn. 386

Rhago Climate Change Expt

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

Spring 2018

Date (MM/DD/YY): 7/25/18

Observer: ARL

Treatment: H x A. CONTROL Trial #: 8

Trial name: HxA-C-08 (e.g., HxA_W_01)

Obs start & end times: 11:40 - 12:40 ^{10/25/18}

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
CY	♂	Haw	WC	♀	Haw	46:31		✓	
CR	♂	App	WR	♀	App	56:10		✓	
CY	♂	Haw	WR	♀	Haw	29:44		✓	
CY	♂	Haw	R	♀	App	14:11		✓	

Notes: overcast + rainy

Date (MM/DD/YY): 7/30/12Observer: APL, AMTreatment: H x A CONTROL Trial #: 9Trial name: HxA-C-09 (e.g., HxA_W_01)Obs start & end times: 11:15 - 2:15

mm:sec

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
GB	♂	Haw	WB	♀	Haw	59:30		✓	
WC	♂	Haw	WY	♀	Haw	30:20		✓	
Y	♂	App	CY	♀	App	39:04		✓	
G	♂	App	WY	♀	Haw	35:18		✓	
GB	♂	Haw	CR	♀	Haw	52:59		✓	
YB	♂	Haw	CY	♀	App	33:29		✓	Continued after take down
♂ ↔ G		App	♀ ↔ YR		Haw	27:13		✓	
♂ ↔ BG		Haw	♀ ↔ CB		App	29:19		✓	Continued after takedown
WC	♂	Haw	WG	♀	App	1:25	*	→	Continued after takedown

Notes:

Date (MM/DD/YY): 7/30Observer: APL, AMTreatment: H x A - Control Trial #: 10Trial name: HxA-C-10 (e.g., HxA_W_01)Obs start & end times: 11:20 - 2:20

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
1 G	♂	Haw	CR	♀	App	26:41		✓	Ovipositing on apple for 4 min
2 WR	♂	App	YR	♀	App	22:22		✓	R painted or hard to see (12:27)
3 G	♂	Haw	BY	♀	Haw	23:00		✓	
4 G	♂	Haw	B	♀	Haw	10:40		✓	W on back of G ♂ trying to dislodge G ♂. R ♂ dislodged White ♂. All 3 ♂ on female
5 CB	♂	Haw	R	♀	App	20:09		✓	Continued after take down
6 CY	♂	Haw	GL	♀	Haw	19:30		✓	⊙ 5 min
7 CY	♂	Haw	GW	♀	Haw	435	✓		

Notes:

Date (MM/DD/YY): 8/1/18Observer: ARCTreatment: H x A . CONTROL Trial #: 11Trial name: HxA-C-11 (e.g., HxA_W_01)Obs start & end times: 10:55^a - 2:05^p

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
B	♂	App	WR	♀	App	13:10 38:39		✓	
W	♂	App	C	♀	App	13:10		✓	
G	♂	App	WB	♀	Haw	43:13		✓	
B	♂	App	CB	♀	App	24:11		✓	after 18min, 2nd male R-towo ^o on back of App ^o B-
G	♂	App	CY	♀	App	27:01		✓	
R	♂	Haw	WR	♀	App	18:44		✓	
W	♂	App	CG	♀	Haw	29:40		✓	
B	♂	App	C	♀	App	18:20		✓	G♂ App on back of B♂ after 8min continued after take down

Notes:

Date (MM/DD/YY): 8/1/18Observer: ARLTreatment: H x A Control Trial #: 12Trial name: HxA_C-12 (e.g., HxA_W_01)Obs start & end times: 11:00A - 2:12P

min: sec

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
WB	♂	App	GR	♀	Haw	35:17		✓	
BYG	♂	App	GB	♀	App	24:27		✓	
W	♂	Haw	CR	♀	App	1:04:30		✓	
WR	♂	App	CG	♀	Haw	34:29		✓	
W	♂	Haw	B	♀	Haw	36:51		✓	
WR	♂	App	GR	♀	Haw	1	✓		♂ attempt, lots of wing buzzing, ♀ left + grappling
W	♂	App	GW	♀	Haw	5:23		✓	Continued after takedown
WB	♂	App	Y	♀	App	5:20		✓	Continued after takedown

Notes:

Date (MM/DD/YY):

8/6/18

Observer:

AM

Treatment:

HxA CONTROL

Trial #:

13

Trial name:

HxA-13

(e.g., HxA_W_01)

Obs start & end times:

11:10a - 2:10p

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration min(sec)	Attempt (<300 sec)	Success (>300 sec)	
WY	♂	App	W	W ♀	Haw	36:05		✓	Ry Haw ♂ attempted to pull WY ♂ off
WB WG	♂	App	R	♀	Haw	1:18	✓		
WG	♂	App	R	♀	Haw	26:25		✓	♀ flew to other side of cage + shook w/♀ ♂ followed + re-paired
YR	♂	Haw	YB	♀	App	11:12		✓	
WC	♂	App	B	♀	Haw	37s	✓		
SG	♂	App Haw	W	♀	Haw	1hr25:14		✓	Continued after takedown
WY	♂	App	B	♀	App	1hr20:23		✓	WC App ♂ attempted unsuccessfully to dislodge dislodge WY ♂. Continued after takedown
YR	♂	Haw	R	♀	Haw	17:20		✓	
WB			WB						
WG	♂	App	YB	♀	App	10:28		✓	

Notes:

Date (MM/DD/YY): 6/28/18Observer: ARLTreatment: H x A WARMING Trial #: 1Trial name: HxA-W-01 (e.g., HxA_W_01)Obs start & end times: 2:15 - 5:15

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
1 YB	♂	Haw	R	♀	App	1:26:45 5:20:5		✓	
2 WB	♂	App	PG	♀	Haw	6:34		✓	
3 B	♂	Haw	WG	♂	App	3:27			♂s copulating position followed by kicking
4 GB	♂	Haw	CB	♀	App	22:47		✓	
5 WG	♂	Haw	YG	♀	Haw	43:15		✓	
6 YR	♂	App	CB	♀	App	54:54		✓	
7 B	♂	Haw	CP	♀	Haw	24:38		✓	
8 GB	♂	Haw	CG	♀	Haw	30s	✓		
9 YR	♂	App	YG	♀	Haw	36:48		✓	
10 B	♂	Haw	PG	♀	Haw	30s	✓		
11 WG	♂	Haw	CG	♀	Haw	15s	✓		

Notes:

12 C	♂	Haw	WY	♀	App	60s	✓		
13 W	♂	App	YB	♀	Haw	27:58		✓	
14 B	♂	Haw	CG	♀	Haw	6:53		✓	
15 GB	♂	Haw	R	♀	App	22:04		✓	
16 W	♂	App	YG	♀	Haw	2s	✓		
17 B	♂	Haw	GP	♀	Haw	9:48		✓	

5 attempts, each 1-2 sec

see back

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

greenhouse

Observer: ARL, AIM

Trial #: 3 Tri
but 1st completed

Treatment: H x A WARMING but 1st completed

Obs start & end times: 12 restarted @ 1pm end 4:30
greenhouse A1 too hot/sunny

[illegible]

Notes: 15 acclim in greenhouse all, 10 min acclim in cage - 1st dead Appw ♂ 43 WY, Appw ♀ ~~1198~~ 1198 CR
 1st CY Hawk ♂ courting WR App ♀
 WC App ♀, ~~thrusting/pulsating behavior 5-6 min (post copulation)~~
 Attempting to oviposit

Date (MM/DD/YY): 6/28/18Observer: ARLTreatment: H x A WARMING Trial #: 4Trial name: ~~HxA~~ HxA-W-01 (e.g., HxA_W_01)Obs start & end times: 2:20 - 5:20

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
CY	♂	Haw	Y	♀	Haw	31:18		✓	

Notes:

Rhago Climate Change Expt

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

Spring 2018

Greenhouse

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

Observer: ARL

Treatment: H x A WARMING Trial #: 5

Trial name: HxA-W-05 (e.g., HxA_W_01)

Obs start & end times: 11:55 ^{10/25/18} est end 2:55

Actor (lands on back of other fly)			Receiver			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: by 1:45, 9 flies dead, it's hot

Greenhouse

Date (MM/DD/YY): 7/10/17Observer: ARLTreatment: H x A WARMING Trial #: 6Trial name: HxA-W-06 (e.g., HxA_W_01)Obs start & end times: 11:37 - 2:40

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
R	M	App	GR	F	App	17:26		✓	
46	M		WB	F	Haw				Scavenging

Notes:

Date (MM/DD/YY): 7/10/17Observer: ARLTreatment: H x A WARMINGTrial #: 7Trial name: HxA-W07 (e.g., HxA_W_01)Obs start & end times: 11:3010/25/18
est end 2:30

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
YR	♂	Haw	GR	♀	App	2sec	✓		Courtship
YB	♂	App	GR	♀	App	1sec	✓		Courtship
YR	♂	Haw	CR	♀	App	4sec	✓		Courtship
YR	♂	Haw	C	♂					

Notes:

Date (MM/DD/YY): 7/16/18Observer: APL, AMTreatment: H x A WARM Trial #: 9Trial name: HxA-W-08 (e.g., HxA_W_01)Obs start & end times: Start 12:36 End: 3:42

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
YG	♂	App	C	♀	App	56min 42s 34min 38s		✓	(34:38)
C	♂	Haw	CR	♀	Haw	35min 24s		✓	
YG	♂	App	Y	♀	Haw	20m 44s		✓	
YG	♂	App	CR	♀	Haw	17m 2s		✓	

Notes:

586

Rhago Climate Change Expt

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

Spring 2018

Date (MM/DD/YY): 7/16/18Observer: ARL, AMTreatment: H x A Wam Trial #: 9Trial name: HXA-W-09 (e.g., HxA_W_01)Obs start & end times: ^{Start} 12:32End: 3:37

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
YG	♂	Haw	R	♀	App	1hr 10min 37s		✓	(41:35)
RL	♂	App	C	♀	Haw	20	✓		3-1♀, 20♂ makes dislodged each other
R	♂	App	C	♀	Haw	60	✓		
YB	♂	App	WY	♀	Haw	35min 21s		✓	(27:02)
YB	♂	App	WY	♀	Haw	1hr 2min 7s			
RC	♂	App	C	♀	Haw	1hr 2min 7s		✓	(21:58)
R	♂	App	G	♀	Haw	21min 3s		✓	
YB	♂	App	RY	♀	App	72s	✓		Female repeatedly tried to shake male off
YB	♂	App	CR	♀	Haw	50min		✓	ⓐ approx 50min mark YG removed CR ♂. CR ♂ remained on side of CR ♀
YG	♂	Haw	CR	♀	Haw	7m 11s		✓	" all 3 flies fell off side of container and dispersed
CR	♂	App	C	♀	Haw	21m 17s		✓	Continued after takedown

Notes:

Date (MM/DD/YY): 7/18/18Observer: ARL, AMTreatment: H x A WARM Trial #: 11Trial name: HxA-W-11 (e.g., HxA_W_01)Obs start & end times: 1:50p - 4:54p

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
^{YR1} YR0	♂	App 1138	WC	♀	Haw	1hr 45m 42s		✓	Males CB + GB both attempted to remove RY♂ unsuccessfully (53:59)
CR	♂	App	CY	♀	App	1hr 22m 46s		✓	(54:00)
CB	♂	Haw	GB	♀	App	60s	✓		
^{YR2} YR0	♂	App 709	Y	♀	App	18m 26s		✓	
GB	♂	Haw	GB	♀	App	1hr 49m 7s		✓	(28:58)
GW	♂	App	Y	♀	App	37m 43s		✓	
CB	♂	Haw	W	♀	Haw	13m 52s		✓	
^{YR1} YR0	♂	App 1138	WC	♀	Haw	10m 39s		✓	Started again shortly after YR♂ was removed
^G WC	♂	App	WC	♀	Haw	79s	✓		
CR	♂	App	Y	♀	App	3min	→		Started shortly before take down + continued after

Notes:

2 YR App Wors ^RY 1138, ^RY 709

586

Rhago Climate Change Expt

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

Spring 2018

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

Observer: ARC, AM

Treatment: H x A WARM Trial #: 12

Trial name: HxA-W-12 (e.g., HxA_W_01)

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

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
GB	♂	Haw	GB	♀	App	1hr 29m 47s		✓	(58:28)
R	♂	Haw	R	♀	App	2hr 31m 7s		✓	(45:35)
GB	♂	Haw	CR	♀	Haw	57m 27s		✓	Continued after take down

Notes:

SAVE 4 AppWos for Longevity → aspirate out

Rhago Climate Change Expt

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

Spring 2018

Date (MM/DD/YY): ~~7/22~~ 7/23/18Observer: ARLTreatment: H x A WARM Trial #: 13Trial name: HxA-W-13 (e.g., HxA_W_01)Obs start & end times: 11:24A - 2:24P

Actor (lands on back of other fly)			Receiver			min:sec	Copulation		Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
R	♂	Haw	GR	♀	Haw	1:02:37		✓	
WG	♂	App	WY	♀	Haw	38:55		✓	
CB	♂	Haw	WC	♀	Haw	32:01		✓	
YR	♂	App	YB	♀	App	40:16		✓	
R	♂	Haw	GB	♀	App	1:15:15		✓	

Notes:

Rhago Climate Change Expt

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

Spring 2018

Date (MM/DD/YY): 7/23/18Observer: ARLTreatment: H x A WARM Trial #: 14Trial name: HxA-W-14 (e.g., HxA_W_01)Obs start & end times: 11:15A - 2:24p

hr:mm:ss

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
CR			WB						
WB	♂	Haw	CR	♀	Haw	5	✓		lots of buzzing around, ♀ rejected add 10
YG	♂	App	CG	♀	App	28:08	✓	✓	

Notes:

dead before trial AppW♀ #1576 R- Box 17 em 9.1.17 ecl 7.2.18

Date (MM/DD/YY): 7/23/18Observer: ARLTreatment: H x A WARM Trial #: 15Trial name: HxA-W-15 (e.g., HxA_W_01)Obs start & end times: 11:31A - 2:31P

hr:min:sec

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
WG	♂	App	WR	♀	Haw	1:38:15		✓	
WB	♂	App 1421	YG	♀	App	1:52:09		✓	
CG	♂	App	R	♀	Haw	2:10:54		✓	
WG	♂	App	WR	♀	Haw				
WG	♂	App	WR	♀	Haw	1:17:14		✓	GR ♂ on back of W ♂ ~40 min, set of 3 continued after take down

Notes:

Rhago Climate Change Expt

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

Spring 2018

Date (MM/DD/YY): 7/25/18Observer: ARLTreatment: H x A - W Trial #: 16
10/25/18Trial name: HxA-W-16 (e.g., HxA_W_01)Obs start & end times: est 11:30 - 2:30

Tr 16 ♂
Tr 17 ♀
because of
setup mistake

min:sec

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
YB	♂	Haw	GR	♀	App	24:54		✓	
GB	♂	Haw	YG	♀	Haw	16:30		✓	
YB	♂	Haw	G	♀	Haw	13:14		✓	
YB	♂	Haw	YG	♀	Haw	13:18		✓	

Notes:

overcast training

Rhago Climate Change Expt

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

Spring 2018

Date (MM/DD/YY): 7/25/18Observer: ARLTreatment: H x A - WARM Trial #: 17Trial name: HXA-W-17 (e.g., HxA_W_01)Obs start & end times: 11:35 - 2:45

Tr 170³
 &
 Tr 16³
 because of
 setup mistake

min:sec

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
CR	♂	Haw	B	♀	Haw	57:18		✓	
W	♂	Haw	CG	♀	App	27:13		✓	
WY	♂	App	WG	♀	Haw	40:41		✓	

+15

Notes:

overcast + rainy

This had 6 Haw ♀
4 Haw ♂

5 App ♂, ♀

Rhago Climate Change Expt

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

Spring 2018

Date (MM/DD/YY): 7/30Observer: ARL AMTreatment: H x A - Warm Trial #: 18Trial name: HxA-W-18 (e.g., HxA_W_01)Obs start & end times: 11:41 - 2:47

Actor (lands on back of other fly)			Receiver			Copulation			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration ^{min:sec} (sec)	Attempt (<300 sec)	Success (>300 sec)	
R	♂	App	CR	♀	Haw	44:09		✓	
R	♂	App	W	♀	App	24:47		✓	
CR	♂	App	YR	♀	Haw	1:16:20		✓	

Notes:

Rhago Climate Change Expt

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

Spring 2018

Date (MM/DD/YY): 7/30Observer: ~~XXXX~~ AIMTreatment: HxA - Warm Trial #: 19Trial 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			Notes
Marks	Sex (M, F)	Host (Haw, App)	Marks	Sex (M, F)	Host (Haw, App)	Duration (sec)	Attempt (<300 sec)	Success (>300 sec)	
CB	♂	App	YB	♀	App	← 48:56		✓	
CB	♂	App	B	♀	Haw	35:30		✓	DE

Notes: