

Date: 7/16/2023 Block: YUCA Trtmnt: H DateBlkTrtCode: 7/16/2023 YUCA H Loc: Tennessee State Time start: 11:38 Netter: MM, L
 AvegWind: 1.1 mph Temp: 21.9°C Humidity: 57% CloudCover% 0 %inSun: 100

Plant Genus	Plant Species	Aveg Open Flwrs/Infl	Aveg Closed Flwrs/Infl	# Infl	Aveg Open Flower/Box	Aveg Closed Flower/Box	Total Box	Total Flwrs	Notes
Synthyris trichoman	Chilensis							96 open 73 closed	
Grevillea						$175 + 143 + 135$ $+ 109 = 592$ $\frac{592}{4} = 148$	49.5	14 open 7326 closed	Did not distinguish between deep sandy bed-lids 'curtains' & full ground cover
Grindelia	hirsutula							6 open 120 closed	
Hieracium	californicum							4 open	
CONVOLVUS	ARVENSIS							2 open	
Epilobium								9 open	
Geranium	Dioecium							1 open	

Scarlet pimpernell open

DateBktTritCode 7 AUG 2023 YMLAH

Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
snap	HOVERFLY			1	GRASS				
snap	Bee			1	GRASS				
snap									
snap									
snap									
snap									
snap									
snap									
snap									
snap									
Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
Net0-5	Bee				on ground			S1	
Net0-5	Bee				grasses			S2	
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
Net5-10	Bee				GRASS			S3	
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									

Specimen ID number = DateBktTritCode, # --, plant plant
to put on label, which

DateBlkTrtCode 7Aug2023YMCA C

Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
snap	①								
snap									
snap									
snap									
snap									
snap									
snap									
snap									
snap									
Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
Net0-5	Hoverfly			1	Grevillea			P1	Hover above Grevillea
Net0-5	Hoverfly			1	Grevillea			P2	land on Grevillea
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
Net5-10	Bee or wasp			1	Grevillea			S1	
Net5-10	Bee or wasp			1	Grevillea			S2	Hover above Grevillea
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									

Specimen ID number = DateBlkTrtCode, # _____ Plant

to put on label, which

7 Aug 2023

7 Aug 2023 YMcA NH

Lincoln

Date:

Block: YMcA

Trtmnt: Nt

DateBlkTrtCode:

Loc: Oronston

Time start: 1226

Netter: DG

AvegWind: 1.1 mph

Temp: 21.9°C

Humidity: 57%

CloudCover% 0

%inSun: 100%

Plant Genus	Plant Species	Aveg Open Flwrs/Infl	Aveg Closed Flwrs/Infl	# Infl	Aveg Open Flower/Box	Aveg Closed Flower/Box	Total Box	Total Flwrs	Notes
Grevillea			$\frac{8+14+12}{3} = 11.33$		Open infl	$\frac{20+12+12}{3} = 9$	51	Open These are mostly small buds, barely opening. Grating to swell, may get 0 total flowers.	
Achillea	millefolium							430 open <u>0 closed</u>	
Monarda	villosa	$\frac{11+2+9}{3}$	$\frac{0+1+10}{3}$	3				22 open <u>11 closed</u>	just did indiv count for final infl of
Eriogonum	latifolium	$\frac{30+20+15}{3} = 21.66$	$\frac{20+30+23}{3} = 24.33$	7				152 open <u>170 closed</u>	

Aveg Infls per box

$$\frac{430}{306} = 1.405$$

Gardens wild.

$$\left(11.33 \frac{\text{fl}}{\text{infl}} \right) \times \left(9 \frac{\text{closed}}{\text{box}} \right) = 51 \text{ box}$$

$$51 \text{ box} \times 5,200 \text{ seeds} = 265,200 \text{ seeds}$$

Date Blk Trt Code 7 AUG 2023 Ymca WH

Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
snap									
snap									
snap									
snap									
snap									
snap									
snap									
snap									
snap									
Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
Net0-5	Wasp	Yellow jacket	1	1	Grevillea			P1	Flower around arevillea
Net0-5	Hoverfly			1	Grevillea			P2	land on flower buds
Net0-5	Bee			1	Acacia	mil		S1	
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
Net5-10	Dragon wasp	"Vas"			Grevillea				Queen (larva) (missed)
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									

Specimen ID number = Date Blk Trt Code, # _____ Plant

to put on label, which

Date: 7/16/2023 Block: MPSN Trtmt: HT Date Blk Trt Code: 7/16/2023 MPSN HT Loc: 16 Time start: 14:43 Netter: DG, LB
 Avg Wind: 2.1 Temp: 21.1°C Humidity: 66 Cloud Cover: 6 %in Sun: 100

Plant Genus	Plant Species	Aveg Open Flwrs/Infl	Aveg Closed Flwrs/Infl	# Infl	Aveg Open Flower/Box	Aveg Closed Flower/Box	Total Box	Total Flwrs	Notes
Monarda	Villosa	$23 + 17 + 25 + 13$ $= 80/4$ $= 20$		8				$116 + 200$ 316	
Achillea	Millifolium	$129 + 145 + 108$ $+ 117 = 499/4$ $= 124.75$		58				7235.8 7235.8	
Quercus	Fraxinosa							13 15	
Scarlet	Pimpernel							2 15	
Engelzon	Bonariensis?							150 150	
Erigeron	latifolium	$19 + 37 + 13$ $= 69/4$	$100 + 300 + 70$ $= 670/4$	10 10				192.5 1350	

7 Aug 2023 MpsunH

DateBktTrtCode

Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
snap	BEE	PAINTER	LADY		MON.	VIL			
snap	FLY	Hover	Fly						
snap	BEE	Small			ERG	LAT			
snap									
snap									
snap									
snap									
snap									
snap									
Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
Net0-5	Bumble				Mon.	VIL		P1	Double check.
Net0-5									Photos, maybe
Net0-5									Californicus?
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
Net5-10	Hummingbird				MON	VILL		P2	
Net5-10	Bee	Longhorn	Texensis		ACH	VILL		P3	Unit (Bait and yellow abdomen)
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									

Specimen ID number = DateBktTrtCode, # ---, plant

to put on label, which

Date: 7 AUG 2023 Block: MFSU Trtmnt: C DateBlkTrtCode: 7 AUG 2023 MFSU C
 AvegWind: 2.1 mph Temp: 21.1 C Humidity: 66 CloudCover% 0 %
 Loc: MONTGOMERY Time start: 2:16 Netter: L

[illegible]

DateBlk Trt Code 7 AUG 2023 MP8UC

Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
snap									
snap									
snap									
snap									
snap									
snap									
snap									
snap									
snap									
snap									
Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
Net5-10									
Net5-10									Bumble bee
Net5-10									New species
Net5-10									Harvest
Net5-10									1/6
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									

Specimen ID number = DateBlk Trt Code, # ---, plant plant
to put on label, which

Date: 7 Aug 2023 Block: Hpsu Trtmnt: H Date BLK Trt Code: 7 Aug 2023 Hpsu Loc: Powder House Time start: 14:26 Netter:
 Aveg Wind: 5 mph Temp: 18.6 Humidity: 71 Cloud Cover: 0 % in Sun: 100

Plant Genus	Plant Species	Aveg Open Flwrs/Infl	Aveg Closed Flwrs/Infl	# Infl	Aveg Open Flower/Box	Aveg Closed Flower/Box	Total Box	Total Flwrs	Notes
<i>Pseudognaphalium</i>	<i>viridulum</i>	7 + 5 + 10	0 + 0 + 0	25 17 = 140				1026 open 0 closed	
<i>Horkelia</i>								43 open 0 closed	
<i>Synyctaenia</i>	<i>Chione</i>							35 open 0 closed	
<i>Periderium</i>	<i>Kelloggii</i>	140 + 105 + 120 = 365 3 = 121	34	90 open 1 closed				873 open 54 closed	
<i>Coronadus</i>	<i>Arvensis</i>							8 open 0 closed	
<i>Grindelia</i>	<i>versatilis</i>							16 open 0 closed	
<i>Argemone</i>	<i>Arvensis</i>							2 open 0 closed	

DateBlk Trt Code 7 Aug 2023 14050 H

Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
snap	Monstera			1	Yucca				
snap									
snap									
snap									
snap									
snap									
snap									
snap									
snap									
snap									
Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
Net0-5	Monstera			1	Yucca				Messed
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
Net5-10	Q								
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									

Note:
Got piping
windy when
we started
to take sample
up to 1000
avg 9.3
mph

60

Specimen ID number = DateBlk Trt Code, # _____ Plant

Date BKT Code 7 AUG 2023 EAWA NH

Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
snap									
snap									
snap									
snap									
snap									
snap									
snap									
snap									
snap									
Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
Net0-5	B. or W. sp.			1	Hydrangea			51	Buzzing around Hydrangea, no did not land
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Net0-5									
Method	InsectType	InsectGen	InsectSpec	Count	PlantGen	PlantSpec	PollenOrNec	Idnumber	Notes
Net5-10	B. or W. sp.			1	Hydrangea			52	Buzzing around Hydrangea and landing
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									
Net5-10									

Specimen ID number = Date BKT Code, # _____ Plant

to put on label, which

Date: 8 Aug 2023 Block: E6W6 Trtmnt: C DateBlkTrtCode: S Aug 06-23 E6W6
AvegWind: 2.7 mph Temp: 20.4 °C Humidity: 73 CloudCover% 0
Loc: 407A Time start: 9:56 AM Netter: LLZ, MNU
%inSun: 60%

[illegible]

7 JAN 62 025 EAWAC

Specimen ID number = DateB/Kt/Code, # _____ "plant" plant
to put on label, which

Specimen ID number = Date BKT Code, #
to put on label. which

Date: JAN 6 2023 Block: ~~AWA~~ Trtmnt: H DateBlkTrtCode: ~~AWA~~ 2023ETHAWA H Loc: 401 B Time start: 10:17 Netter: LG, MM
 AvegWind: 2.7 mph Temp: 20.4 °C Humidity: 73 CloudCover% 0% %inSun: 100%

Plant Genus	Plant Species	Aveg Open Flwrs/Infl	Aveg Closed Flwrs/Infl	# Infl	Aveg Open Flower/Box	Aveg Closed Flower/Box	Total Box	Total Flwrs	Notes
ROCKWALLIA	CAULIFLORICA							3 open 2 closed	
LANTANA								540 open	
Symplocarpon trichum	Chilense							2 open	
YAMPATI	Peucedanoidia							2 open	

Average flower (open + closed) per infl = "number of umbels"
 102, 108, 83

Date: 16/03/2023

[illegible]

Specimen ID number = Date/Kit Code, # _____
to put on label. include _____ "plant" plant