



Lime Swallowtail Survey Florida Keys 2022-2023

Lime Swallowtail (*Papilio demoleus*)

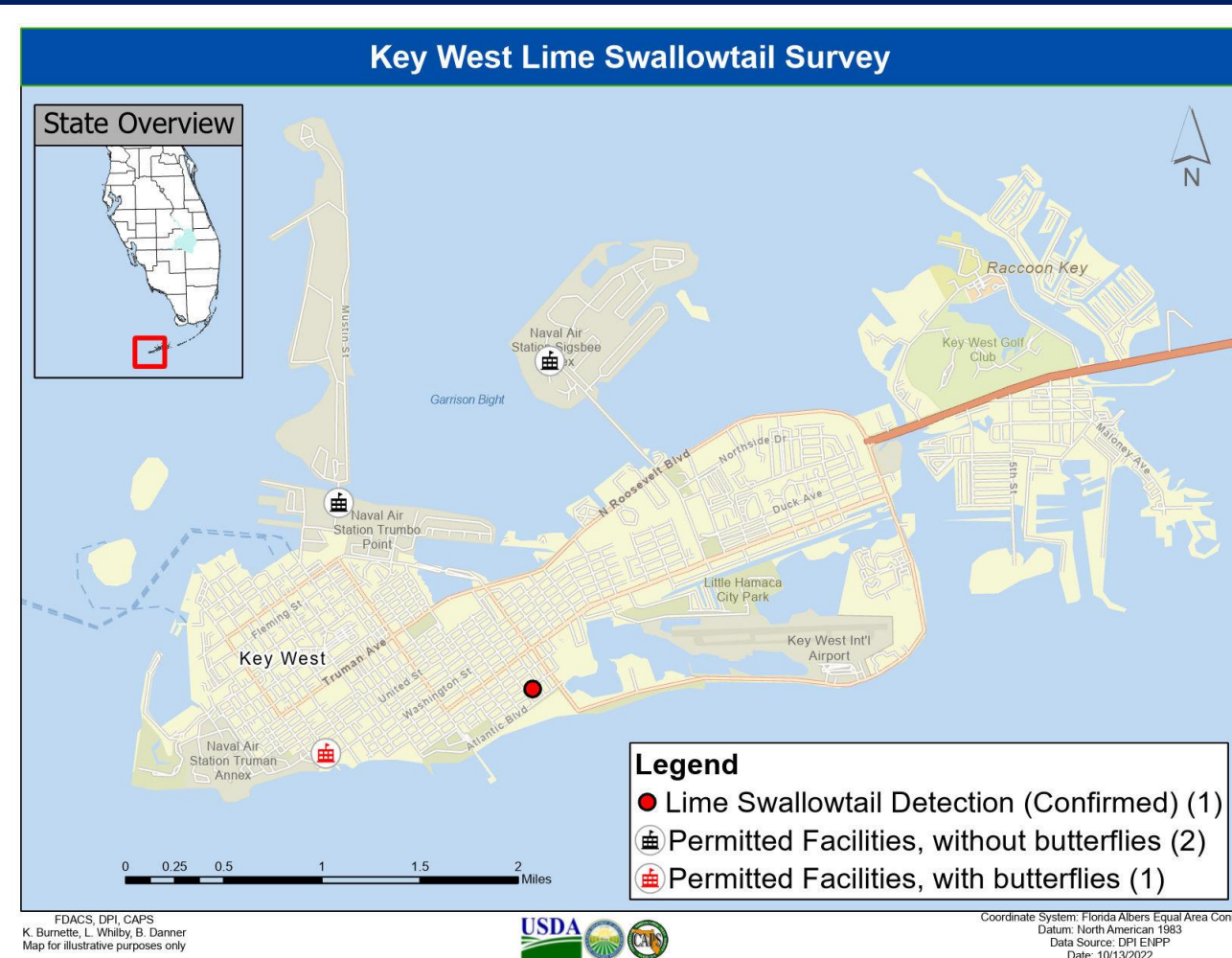




Lime Swallowtail (*Papilio demoleus*)

- September 26, 2022 – DPI alerted to an iNaturalist post
- October 4, 2022 – DPI CAPS/ENPP/PI inspected the site

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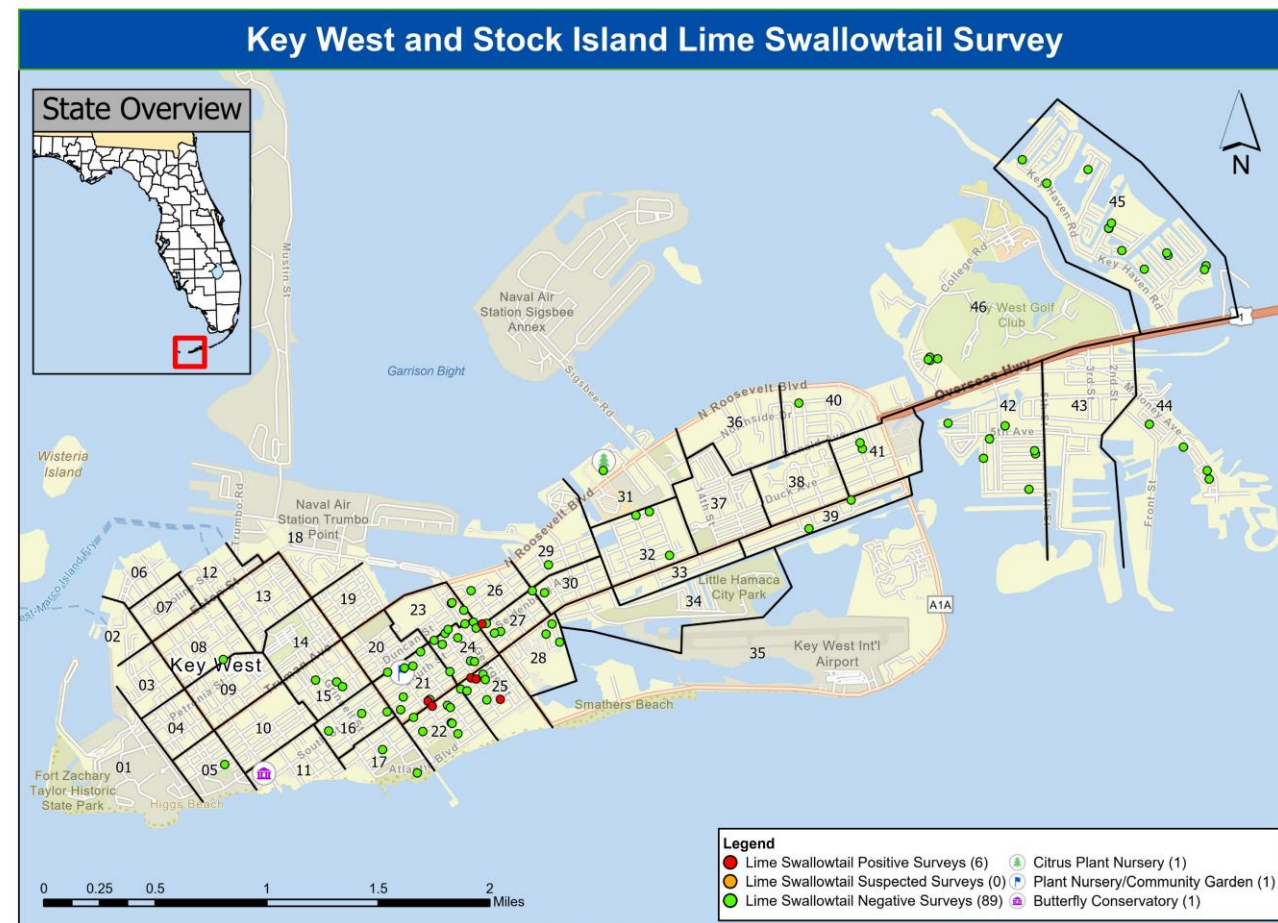
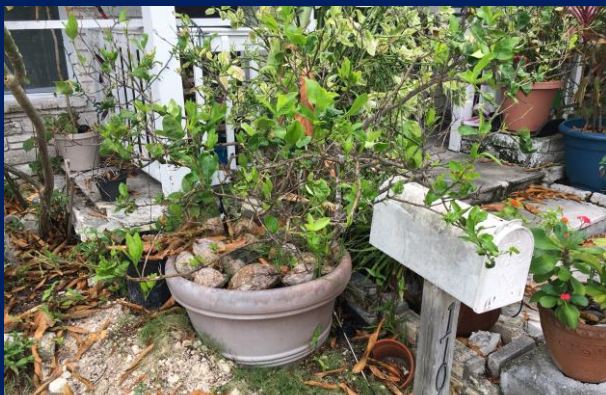




Lime Swallowtail (*Papilio demoleus*)

- September 26, 2022 – DPI alerted to an iNaturalist post
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- October 17- 21 – Delimitation Survey

Lime Swallowtail (*Papilio demoleus*)



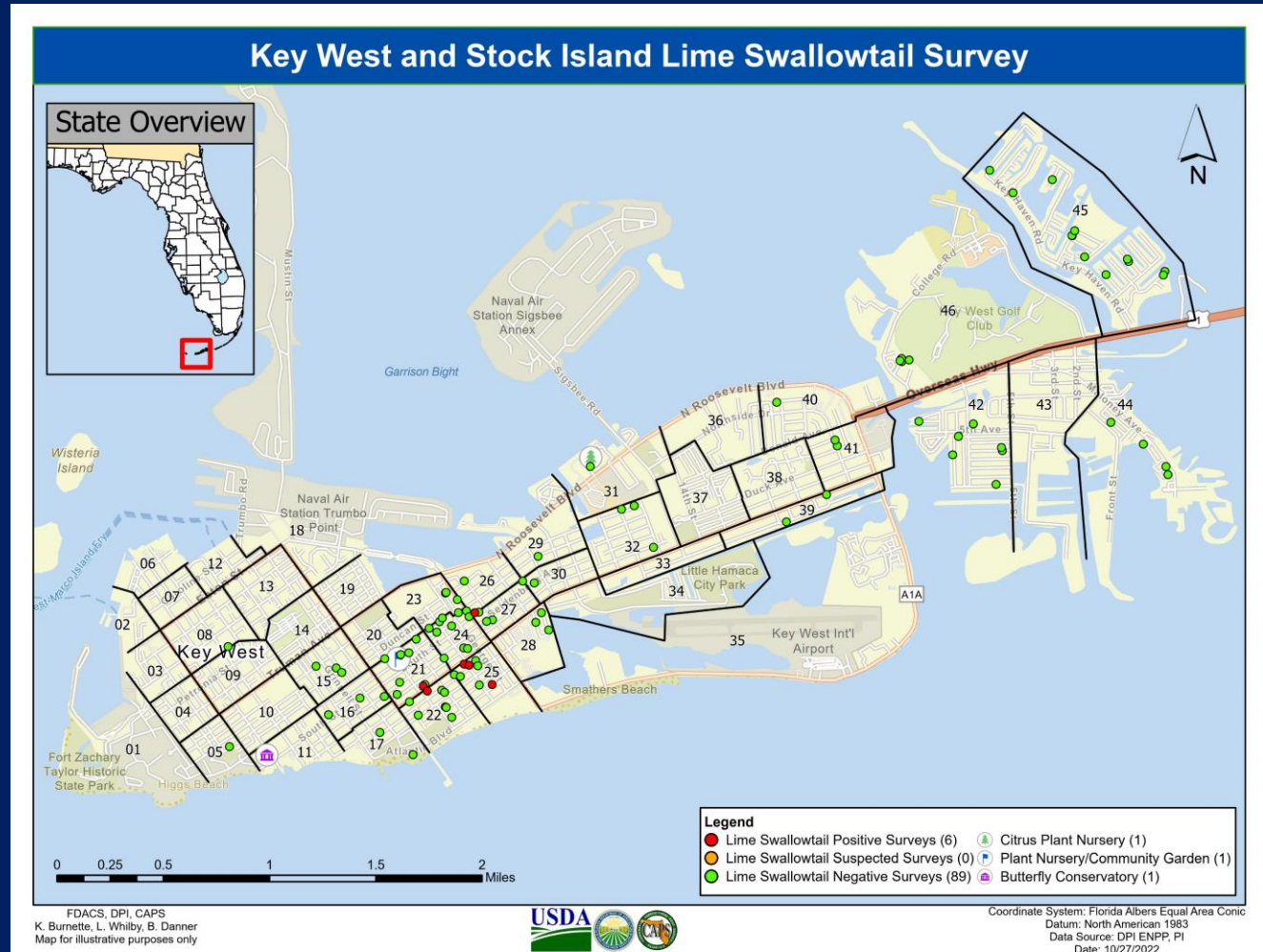
FDACS, DPI, CAPS
K. Burnette, L. Whibly, B. Danner
Map for illustrative purposes only



Coordinate System: Florida Albers Equal Area Conic
Datum: North American 1983
Data Source: DPI ENPP, PI
Date: 10/27/2022

Lime Swallowtail (*Papilio demoleus*)

- Five (5) new positive sites
 - 5 larvae
 - 4 empty chrysalids
- Walk vs Drive
- 11 Personnel
 - CAPS
 - ENPP
 - PI



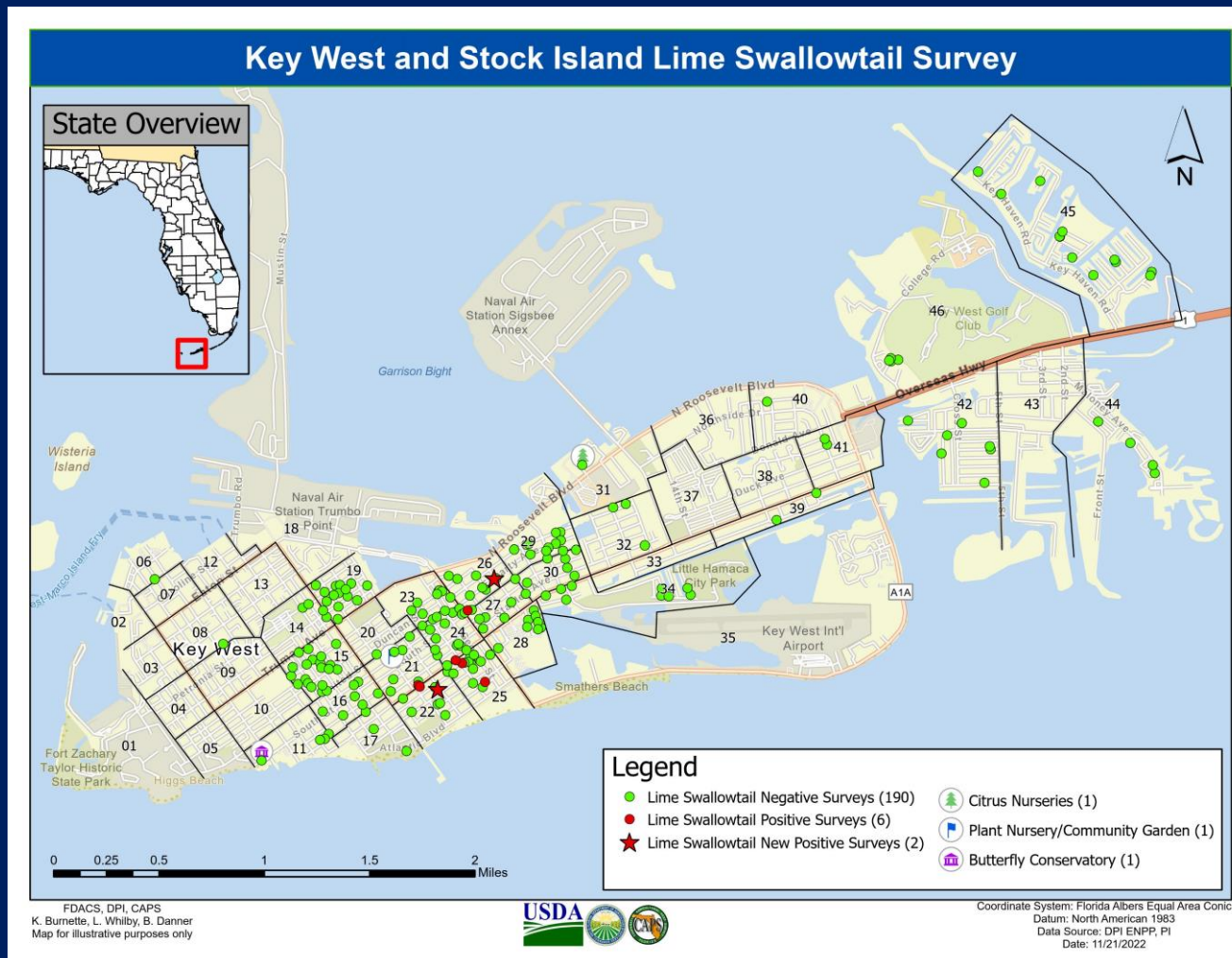


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- November 14-18 – Delimitation Survey

Lime Swallowtail (*Papilio demoleus*)

- Two (2) new positive sites
 - 2 larvae
 - 2 empty chrysalids
- Walk vs Drive
- 11 Personnel
 - CAPS
 - ENPP
 - PI





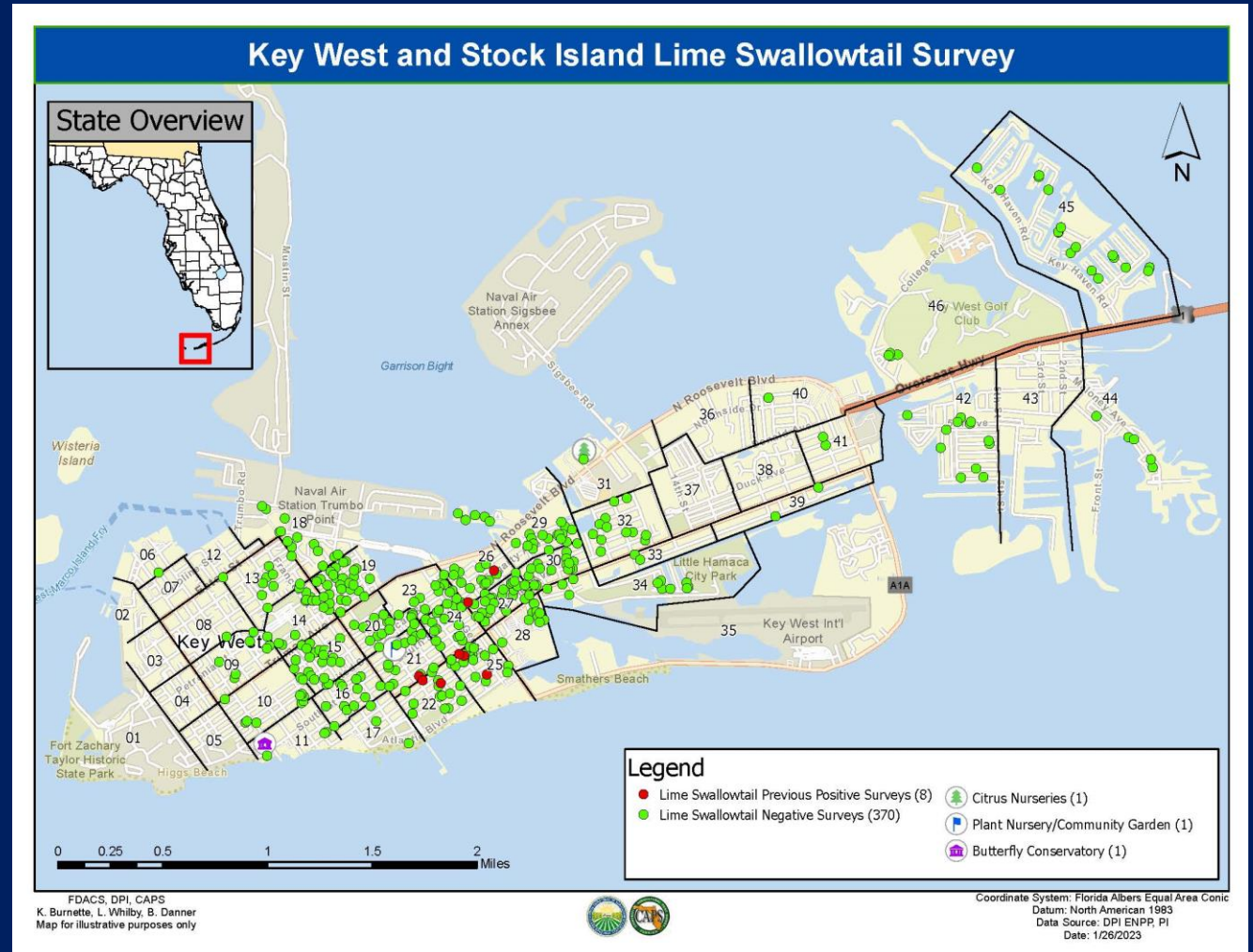
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- January 23-27 – Delimitation Survey

Lime Swallowtail (*Papilio demoleus*)



- Target not found
- Walk vs Drive
- 17 Personnel
 - CAPS
 - ENPP
 - PI



Lime Swallowtail (*Papilio demoleus*)





LIME SWALLOWTAIL

CITRUS PEST

The Florida Department of Agriculture and Consumer Services, Division of Plant Industry has recently detected Lime Swallowtail Butterfly in your area. The caterpillars of this invasive species threaten the environment by:

- destroying citrus foliage
- threatening native butterflies

These insects spread rapidly. In addition to natural distribution, immature stages could be transported on plants.

To help stop the spread of this pest, if you see eggs, caterpillars or pupae on your citrus plants collect them, place them in a sealed container and call the FDACS-DPI Helpline.

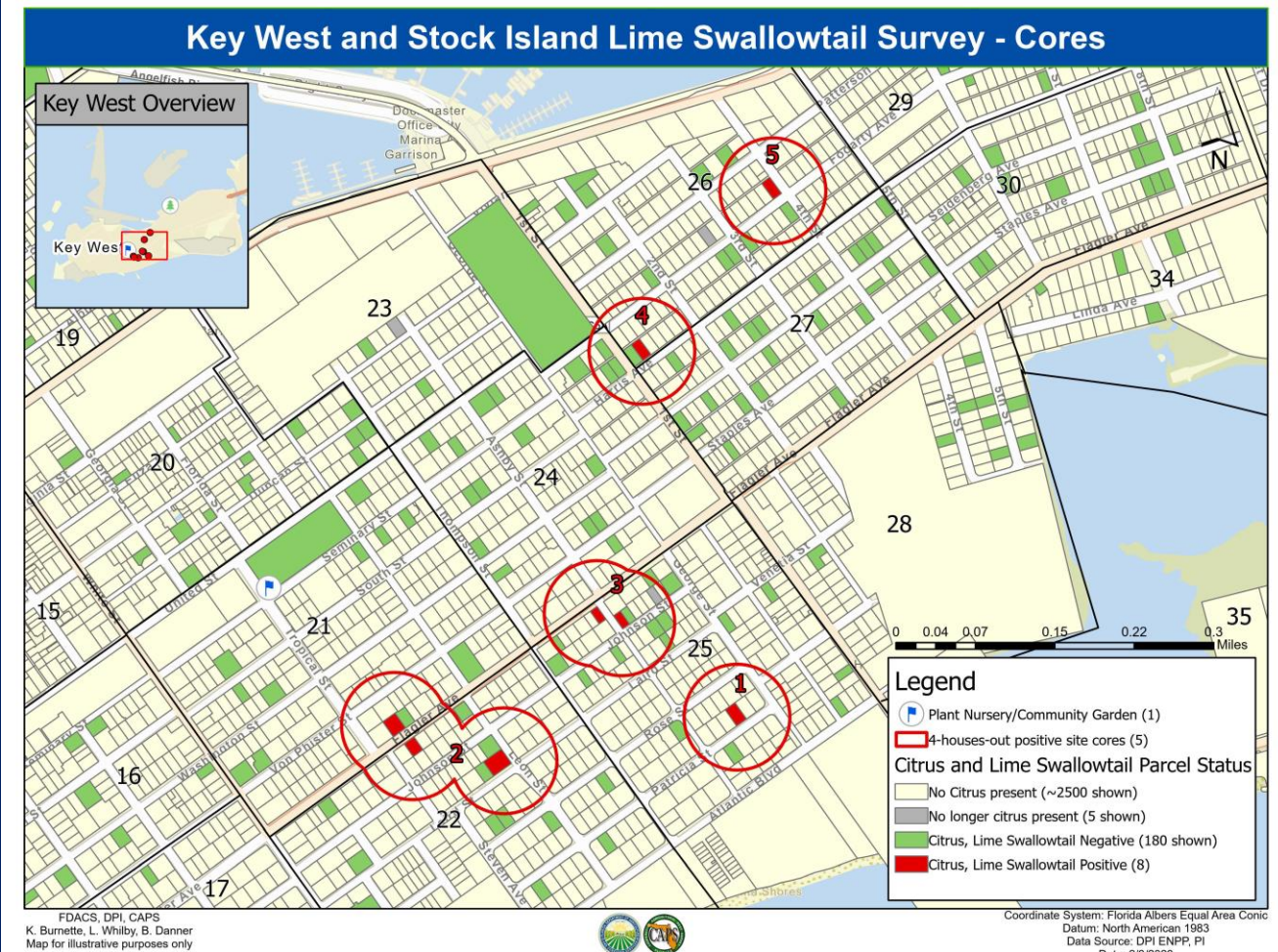




1-888-397-1517
DPIHelpline@FDACS.gov




FDACS.gov/limeswallowtail



Lime Swallowtail (*Papilio demoleus*)



Survey Location	Citrus Sites Surveyed (positive)	Citrus Sites Surveyed (Negative)	Citrus Sites Surveyed (Total)
Key West & Stock Island	8	370	378
East Rockland Key	0	4	4
Ramrod Key	0	1	1
Big Pine Key	0	41	41
Marathon Key	0	42	42
Plantation Key	0	1	1
Tavenier Key	0	1	1
	8	460	468

Total positive specimens: 15 (8 larvae, 6 empty chrysalids, and 1 pupa)



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- March 6-10 – Next delimitation survey with focus on outreach

Thank You!

