

Leps	Coleo	Hemi	Hym	Dip	Orth	Neur	Thys	Trom	Tylen	Psoco
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Lepidoptera

- Caterpillars of moths and butterflies
- Defoliators**, leaf rollers, leaf miners, tent caterpillars, cutworms




Photo Cred: Colin Hutton

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Leps	Coleo	Hemi	Hym	Dip	Orth	Neur	Thys	Trom	Tylen	Psoco
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Lepidoptera



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Lepidoptera

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Leps	Coleo	Hemi	Hym	Dip	Orth	Neur	Thys	Trom	Tylen	Psoco
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Lepidoptera **Diamondback Moth**



Photo by Jack Kelly Clark
Image supplied by The University of California, Davis



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Lepidoptera **Diamondback Moth**



Whitney Cranshaw, Colorado State University, Bugwood.org

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Lepidoptera **Diamondback Moth**

Creds: Chelsea Eby & Mark Gardiner



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Leps	Coleo	Hemi	Hym	Dip	Orth	Neur	Thys	Trom	Tylen	Psoco
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Lepidoptera **Diamondback Moth**

- 25 lures = \$38.50 USD
= ~ GY\$8,017
- GY\$320/lure

Only need 1 or maybe 2 lures for small plot; change at least annually

Sticky card and "delta" trap are more expensive than the lure
- can make homemade sticky traps!



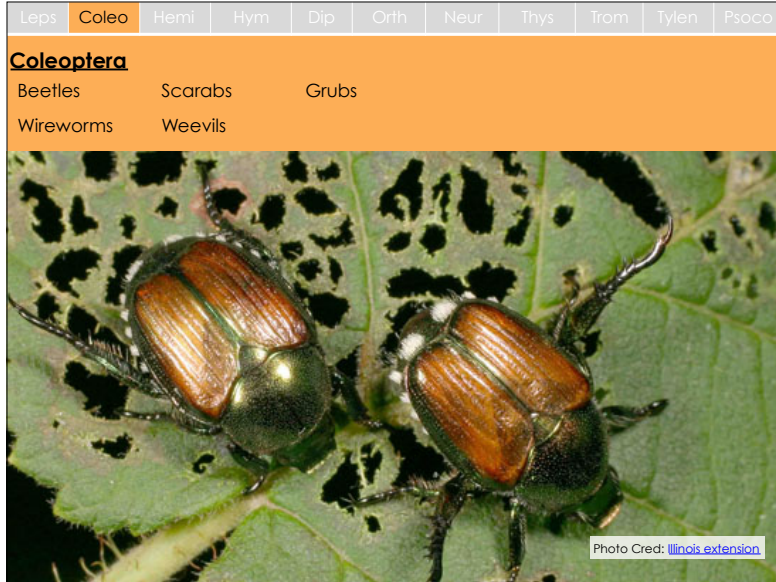
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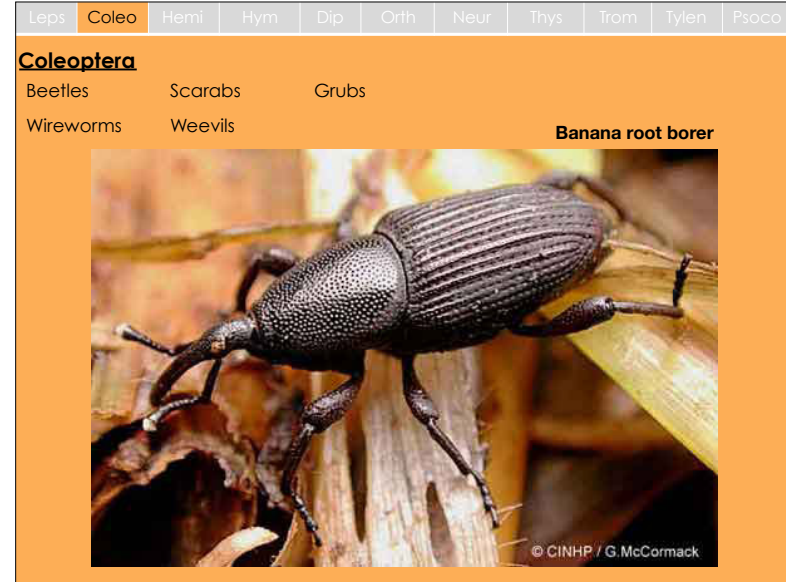
Lepidoptera



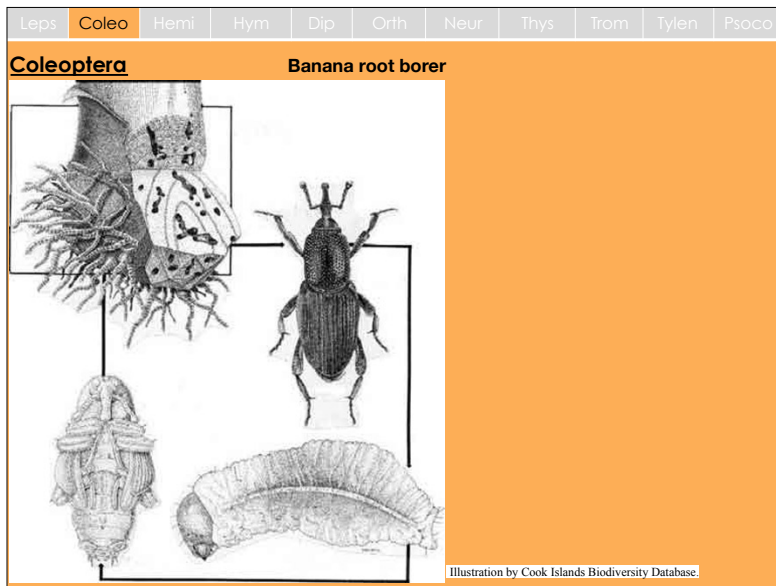
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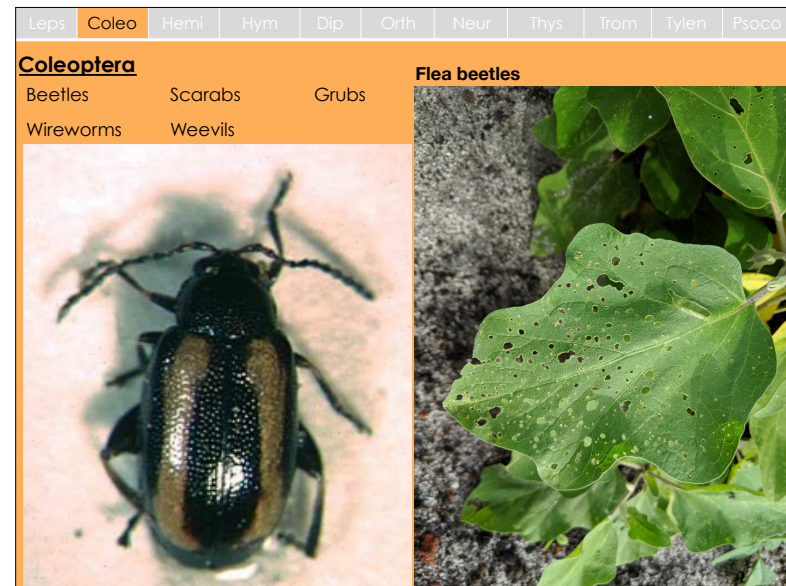
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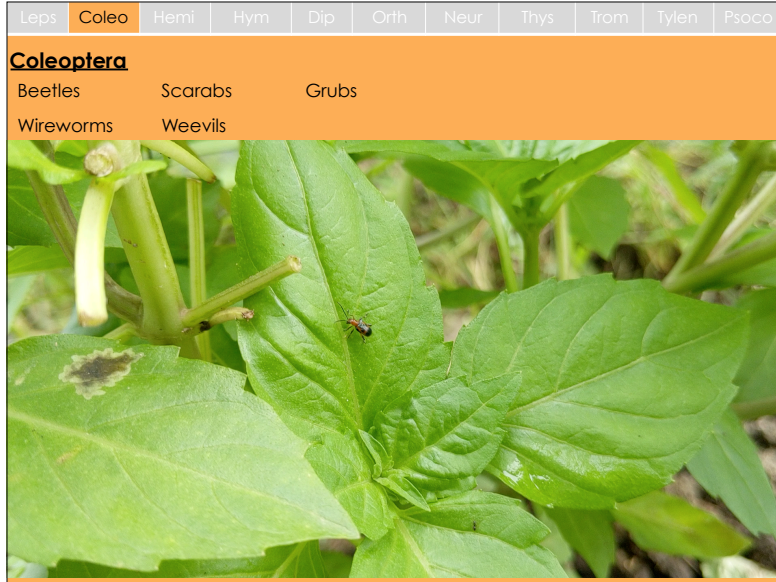
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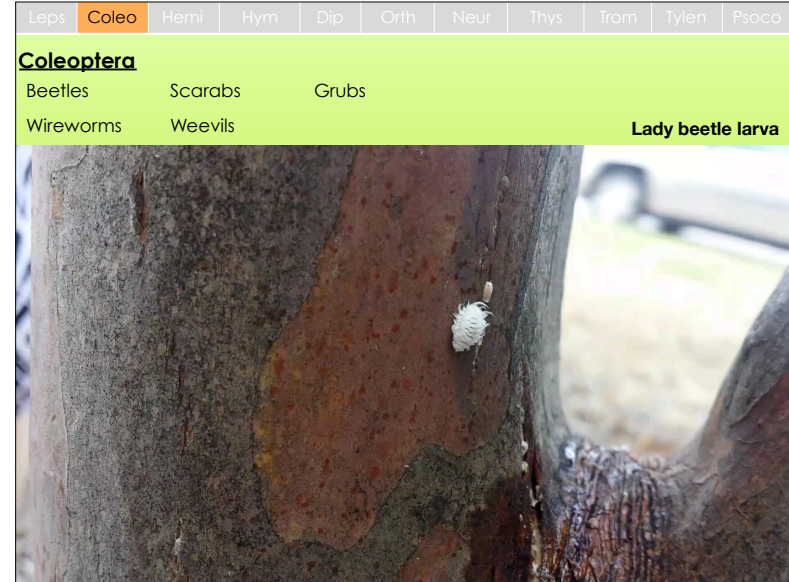
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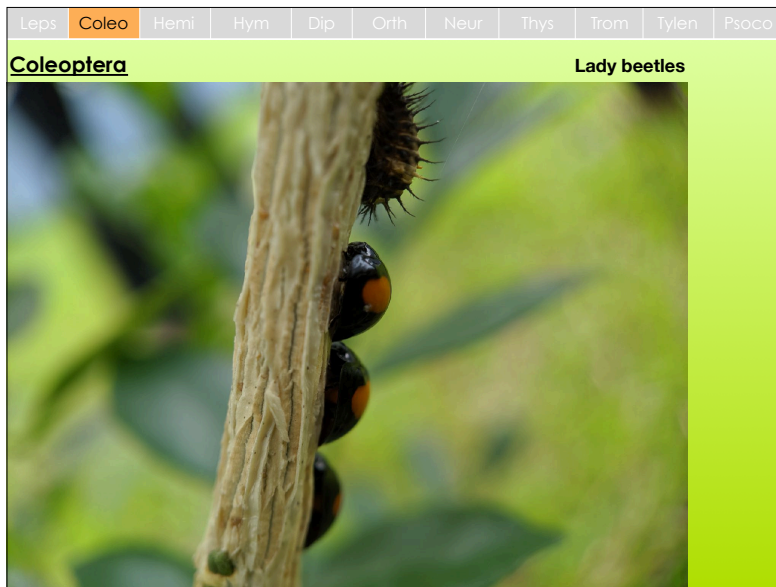
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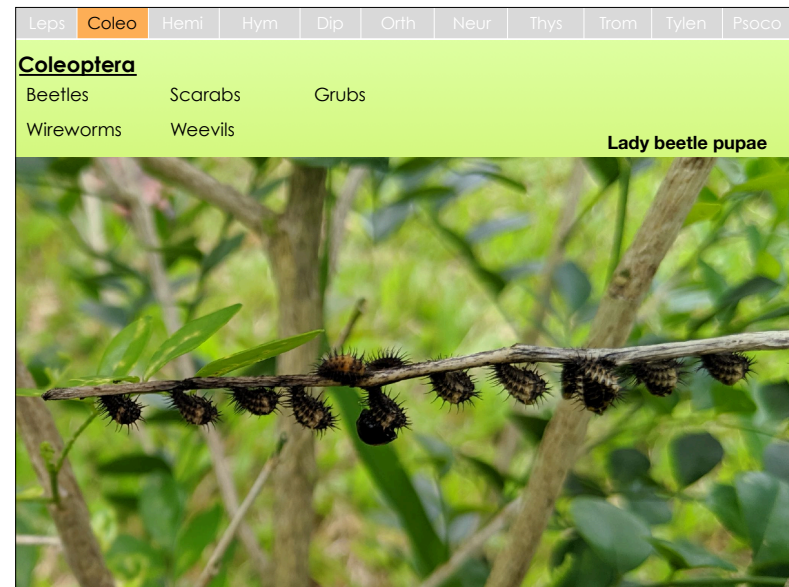
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Leps Coleo Hemi Hym Dip Orth Neur Thys Trom Tylen Psoco

Coleoptera

Wireworms Lady beetles Ground Beetles



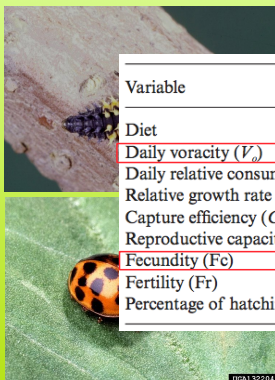
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Coleoptera

Wireworms Lady beetles Ground Beetles



Variable	<i>M. persicae</i>	<i>A. fabae</i>
Diet		
Daily voracity (V_m)	45.8 ± 3.5a*	35.4 ± 3.3b
Daily relative consumption rate (RCR)	21.2 ± 1.6a	37.2 ± 3.4b
Relative growth rate (RGR)	3.9 ± 0.4a	4.1 ± 0.4a
Capture efficiency (CE)	0.082 ± 0.007a	0.125 ± 0.01b
Reproductive capacity		
Fecundity (Fc)	314.0 ± 42.6a	342.2 ± 32.9a
Fertility (Fr)	244.3 ± 41.3a	251.6 ± 29.1a
Percentage of hatching (Ph)	63.2 ± 7.5a	63.9 ± 7.0a

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Coleoptera

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Hemiptera

Aphids Mealy bugs Chinch bug

Lygus bug Brown Marmorated SB Cicada

Scale Whiteflies Plant/Leaf bug



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