Lightning Talk

Monarch Butterfly Roadkill Reduction in Texas using TxDOT Monarch Flight Diverters

James Tracy

Texas A&M

University



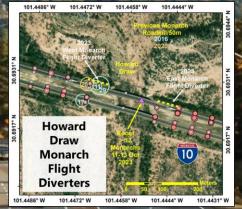
Monarch Flight Diverter (MFD) Texas Sites



TxDOT Project 0-7022-01 **Monarch Conservation Strategies for Texas Roadways**



Texas Roadkill ~ 3% Monarch **Overwintering Population**





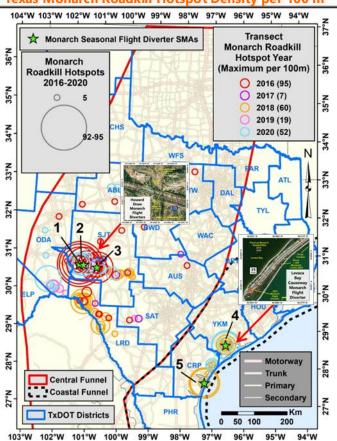


Materials and Pavements



Department of Entomology

















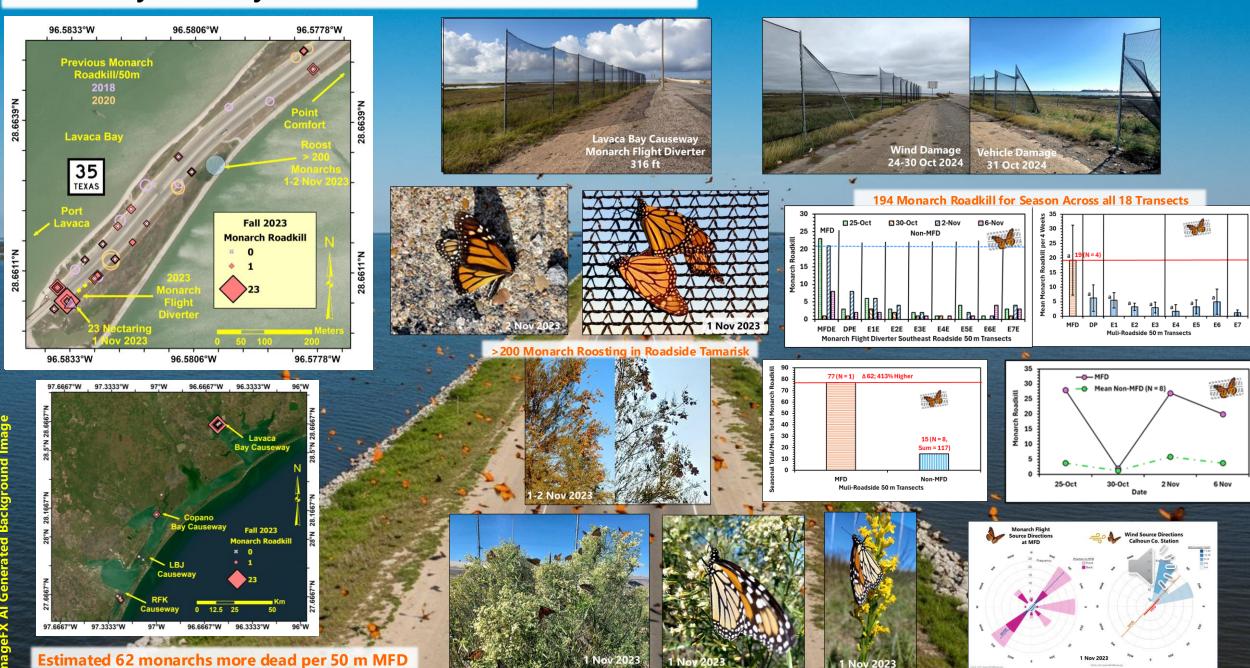






Texas Agrilife Research - Entomology

Lavaca Bay Causeway MFD Coastal TX 25 Oct-2 Nov 2023



Estimated 185 monarchs (49%) rescued from 100 m of two MFDs; 400 m of MFDs should rescue 740 monarchs

TxDOT unmown ROW provides unique roosting and nectaring resources for thousands of migrating monarchs at Howard Draw.

