

NOTE ON THE USE OF PHOTOGRAPHS

Please note that this material is being circulated for the personal educational use of the student of Travis Audubon Society classes. Please do not distribute, copy, post, share, or further disseminate any of this material.

The photographs used in these presentations are credited to Jeffrey E. Patterson or the eBird contributors named in the photographs and to the Macaulay Library of The Cornell Laboratory of Ornithology, or to other photographers as indicated.

NON-BLACK PRIMARY TIPS



BIRDING
BY
PHOTOGRAPH

Davis Estates Road

BRAZOS BEND OAKS

Landfill

Flying C Ranch Airport-XS25

Brown Beard grave site

Fam-To-Market Rd 1994

FM 762 Rd

FM 762 Rd

FM 762 Rd

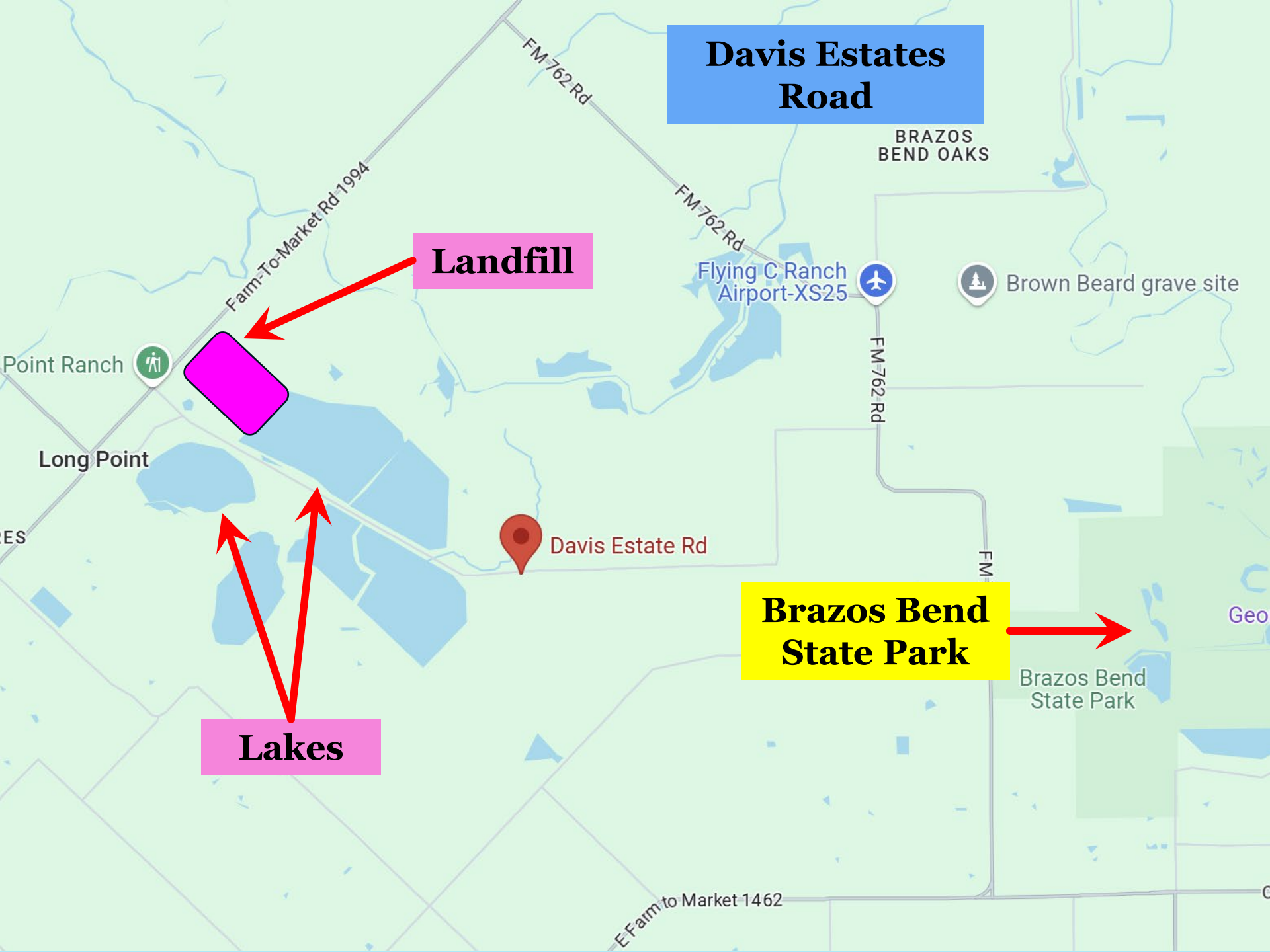
FM

Davis Estate Rd

Brazos Bend State Park

Brazos Bend State Park

Lakes



Davis Estates Road



Photo by Jeffrey E. Patterson

Davis Estates Road



Photo by Jeffrey E. Patterson

Davis Estates Road



Photo by Jeffrey E. Patterson

Davis Estates Road



Photos by Jeffrey E. Patterson

Davis Estates Road



Photo by Jeffrey E. Patterson

**Davis Estates
Road**



Photo by Jeffrey E. Patterson

**Davis Estates
Road**

LBBG

Herring



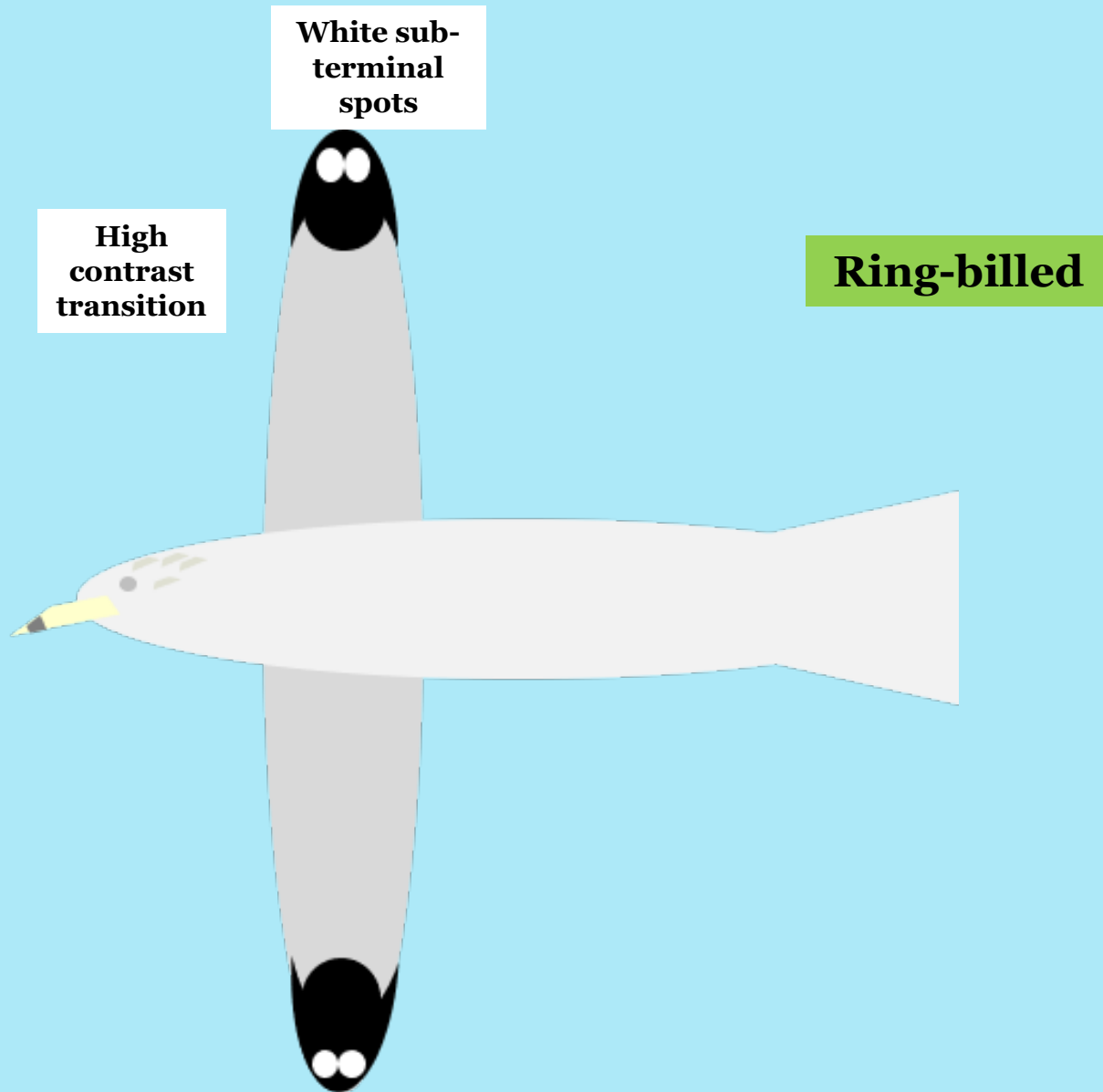
Iceland

Wild Guess
55% -- Herring
20% -- Ring-billed
20% -- LBBG
5% -- Other

GULLS OVERHEAD

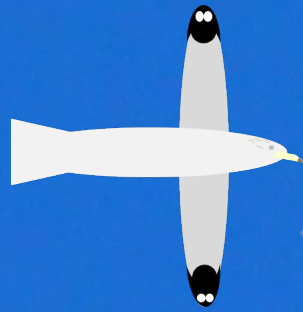


Photo by Jeffrey E. Patterson



Cartoon by Jeffrey E. Patterson

1



2



5



4



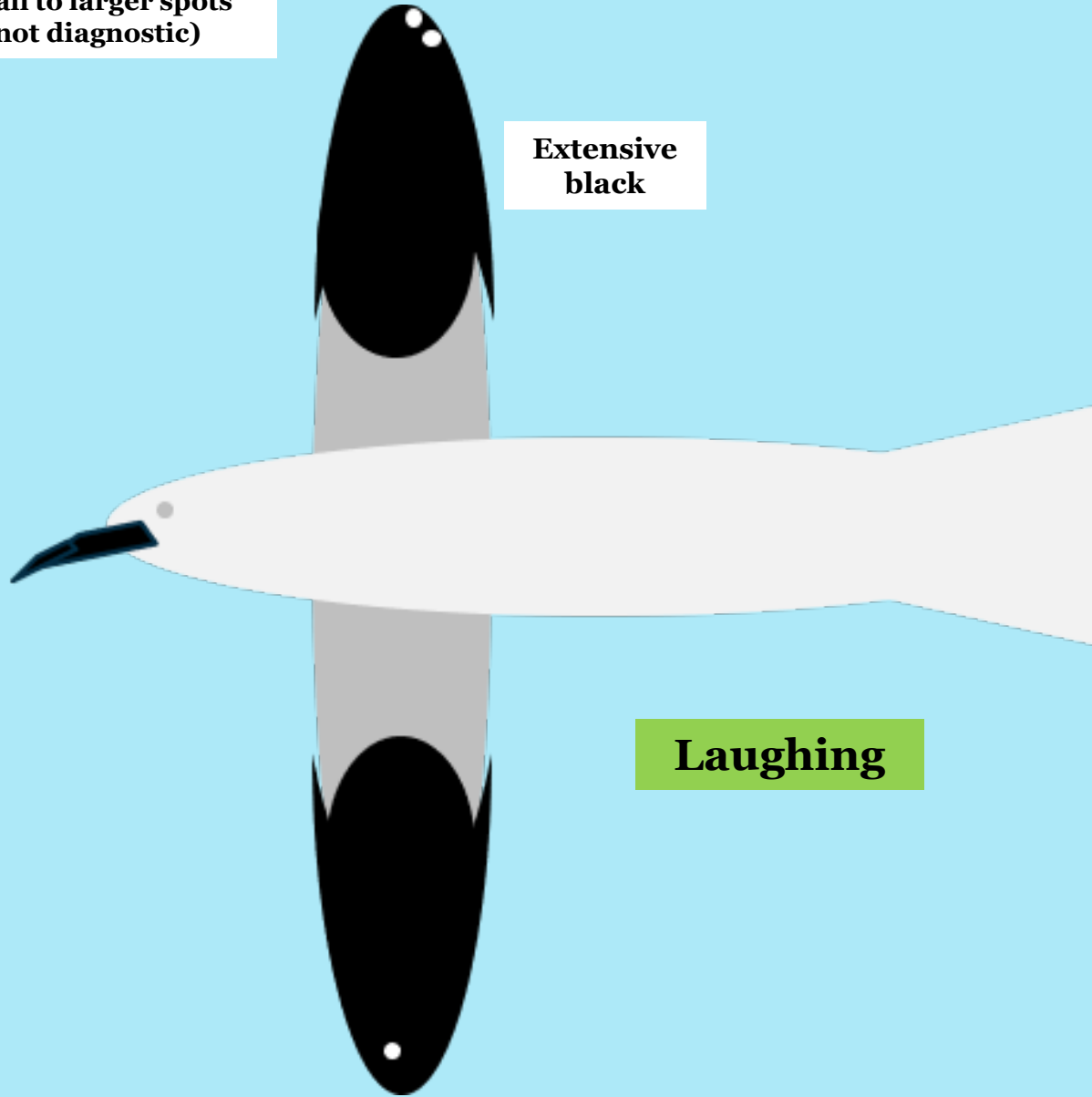
Ring-billed

3



**Small to larger spots
(not diagnostic)**

**Extensive
black**



Laughing

Laughing

1



2



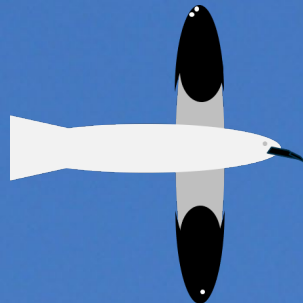
5



4



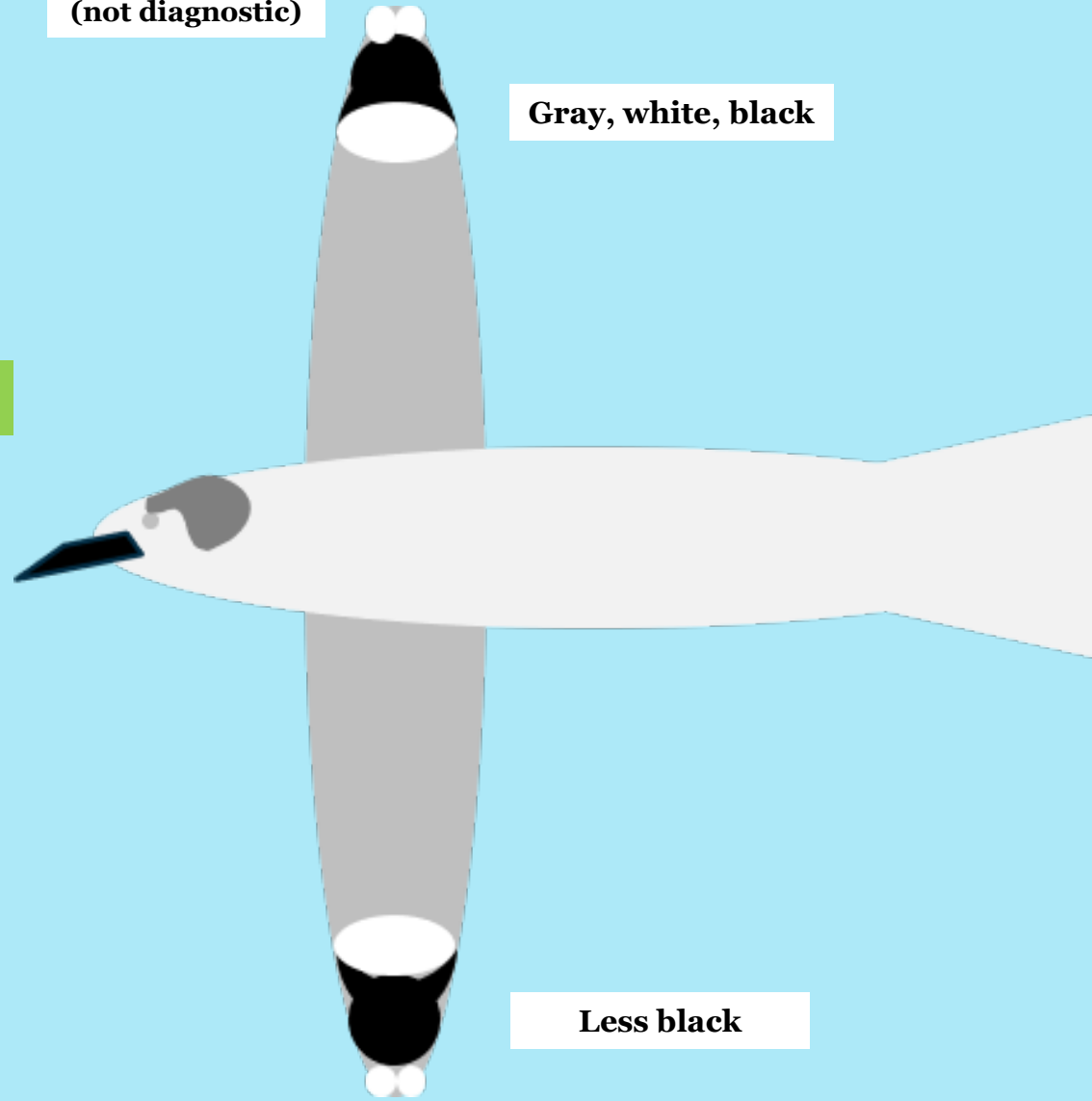
3



**Larger spots
(not diagnostic)**

Gray, white, black

Franklin's



Less black

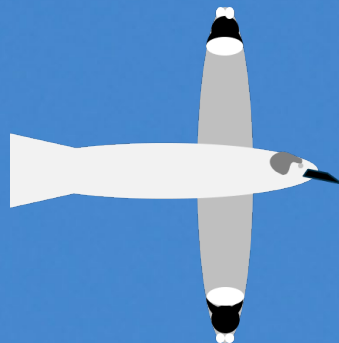
Franklin's



1



5



2



3

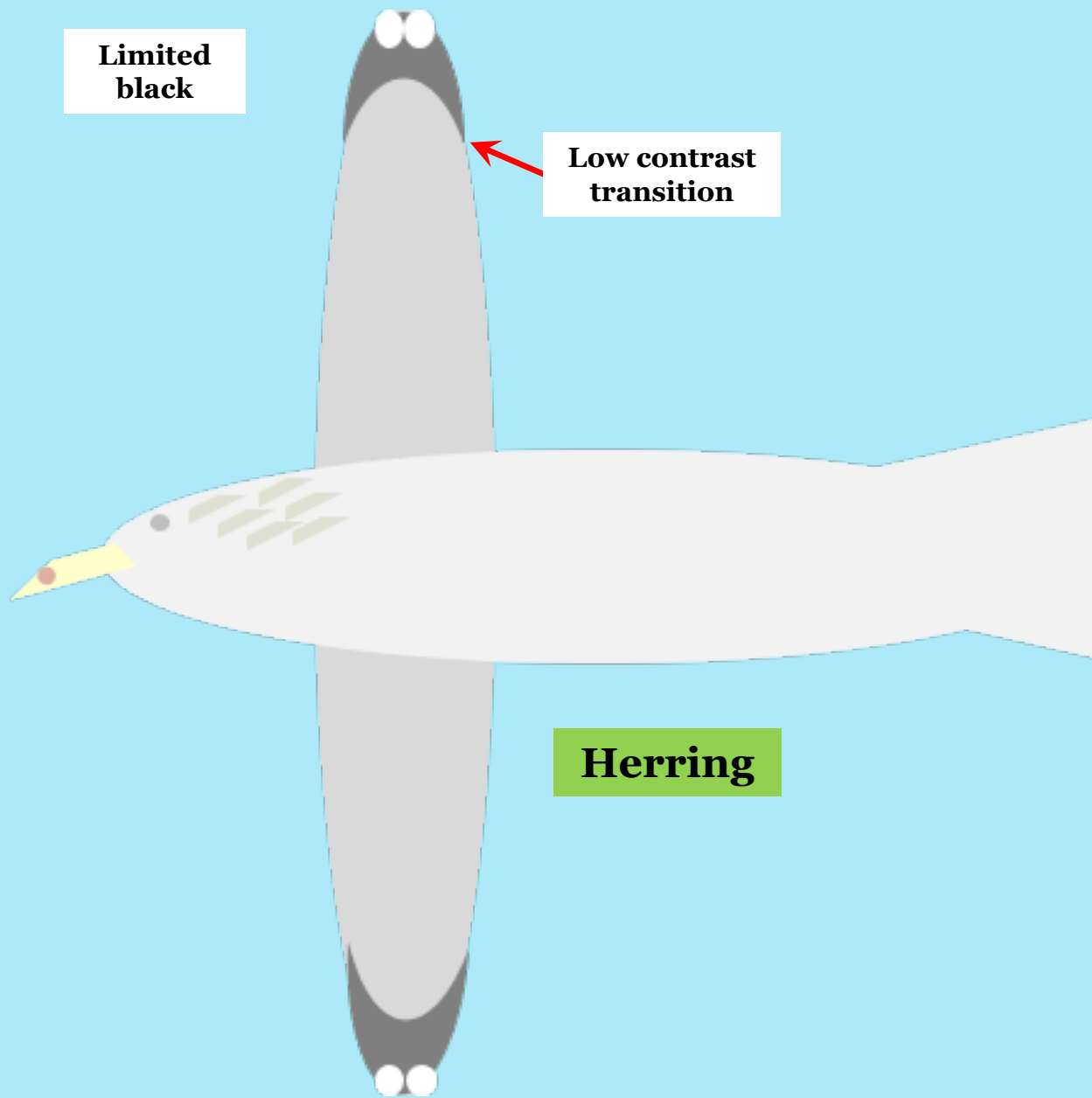


4

Franklin's



Laughing



Limited
black

Low contrast
transition

Herring

Herring (adult)

2



1



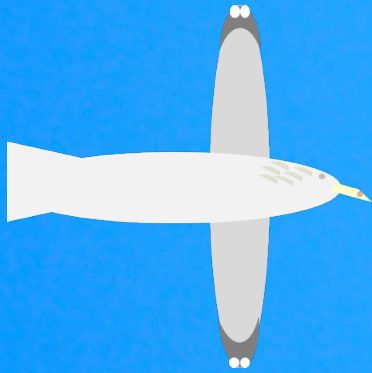
5



3



4



Herring
(adult)



**Low contrast transition –
gray bleeds into black**

Less black

**Sharp demarcation
from
black to gray/white**

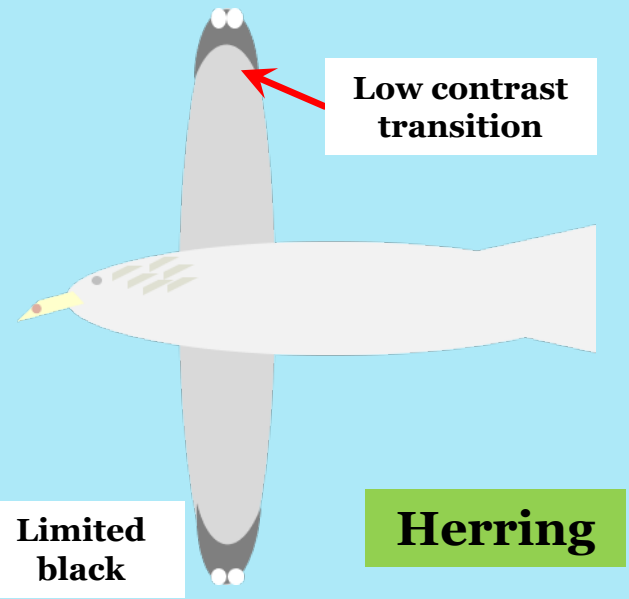
Ring-billed
(adult)



**More extensive
black**



Photo by Jeffrey E. Patterson



Herring



**Herring
(1st Year)**



Reminiscent of inverse Swainson's Hawk



Primaries

Secondaries

Inner Primary Window

Herring (1st Year)

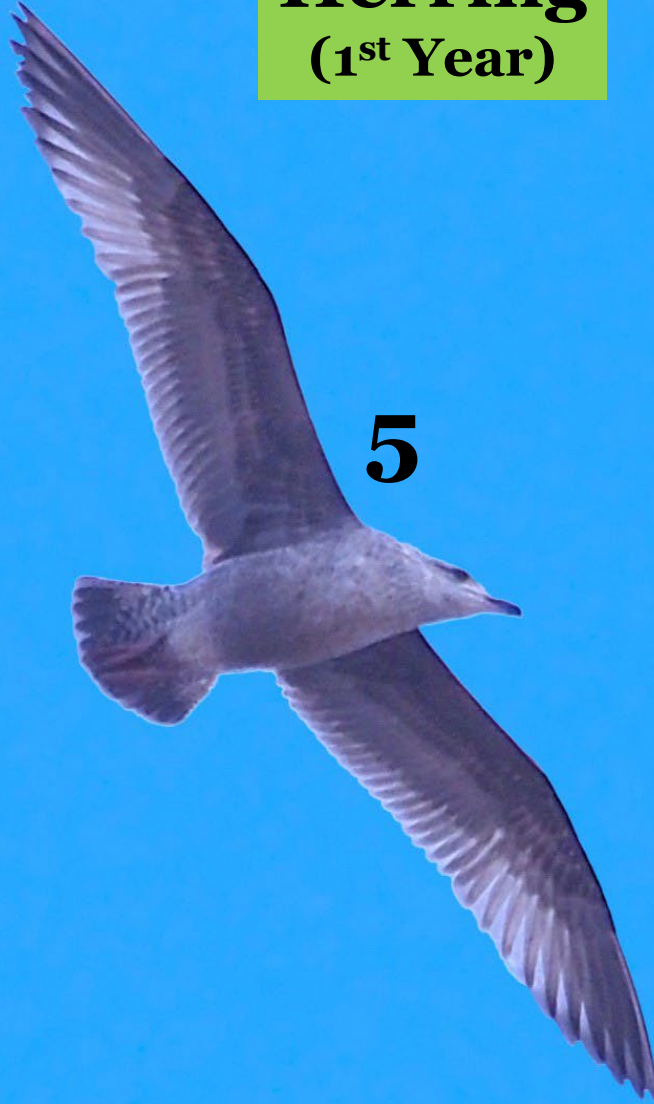
1



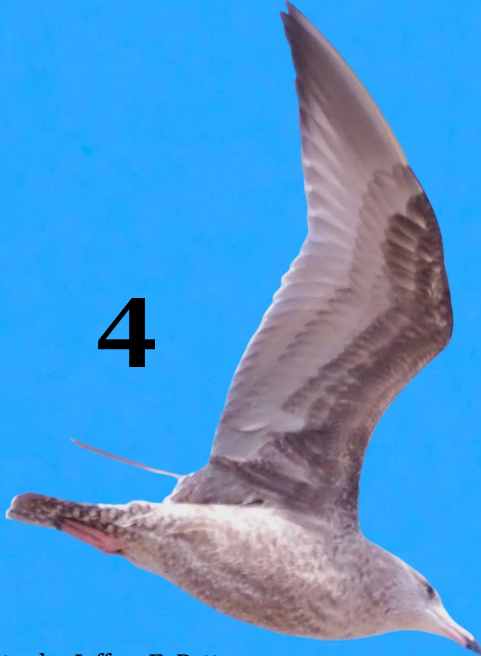
2



5



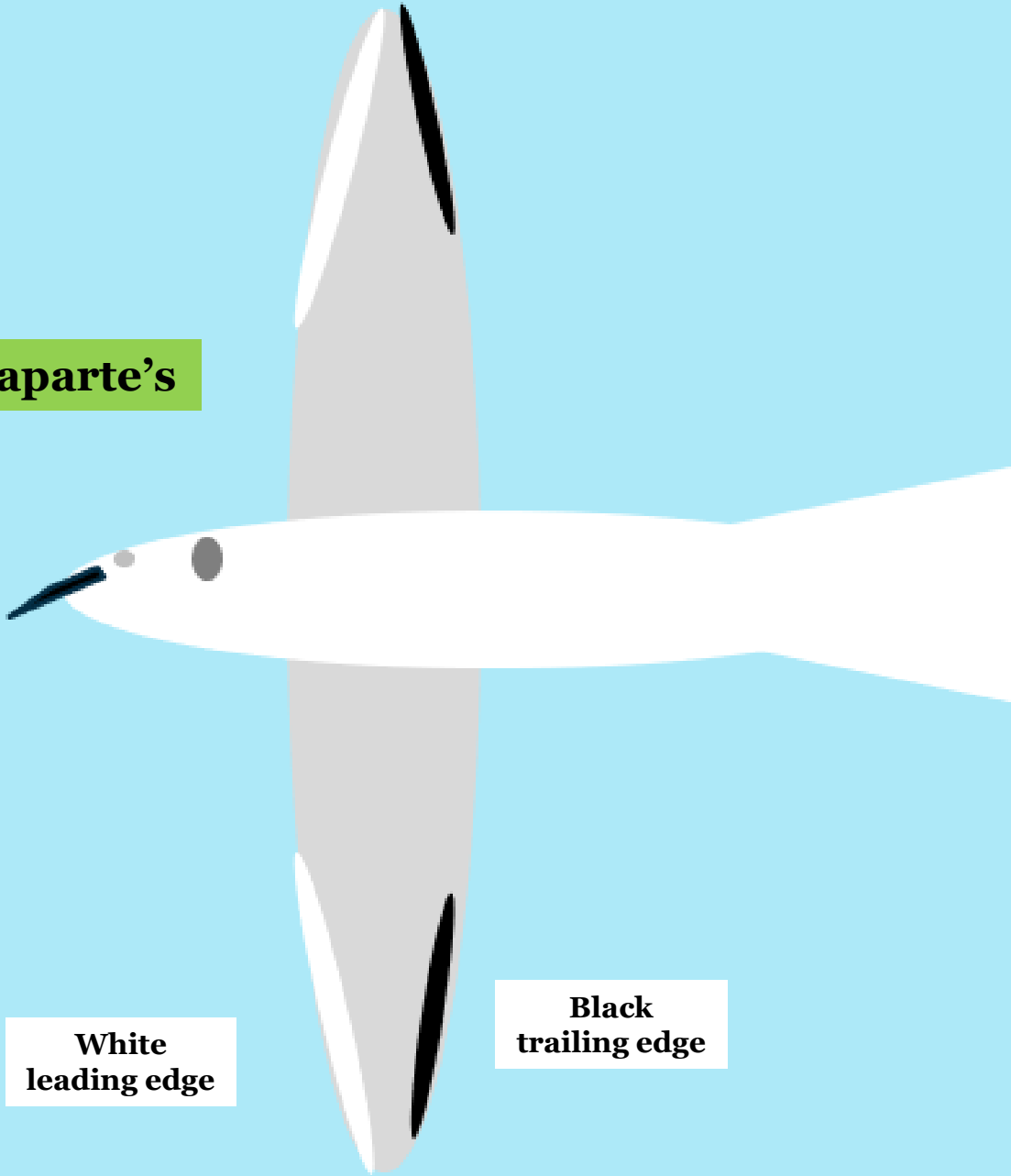
4



3



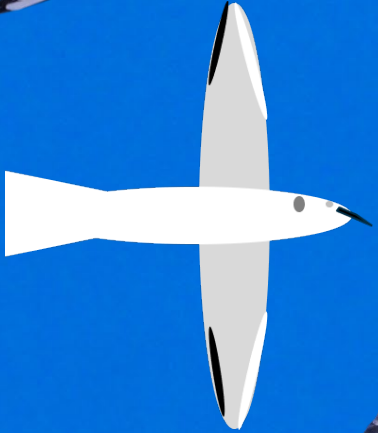
Bonaparte's



**White
leading edge**

**Black
trailing edge**

Bonaparte's (adult)



1



**LBBG
(adult)**

2



4



3



**Reminiscent of
Swainson's Hawk**

Herring

Herring

**LBBG
(1st year)**

**LBBG
(adult)**



Photos by Jeffrey E. Patterson



Ring-billed

Herring



Ring-billed

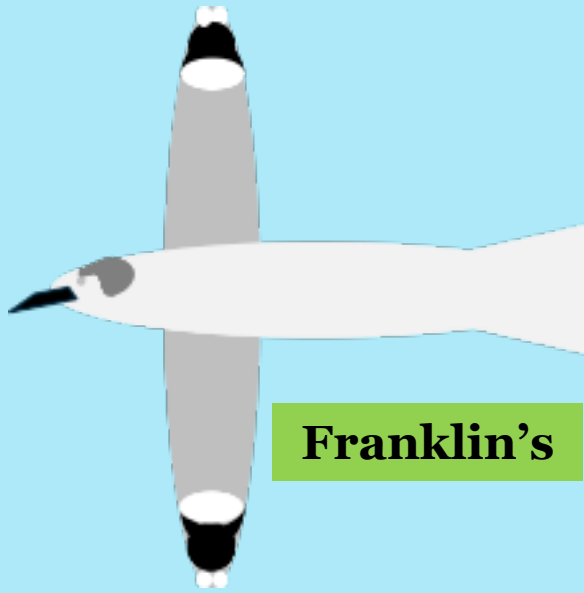
Herring



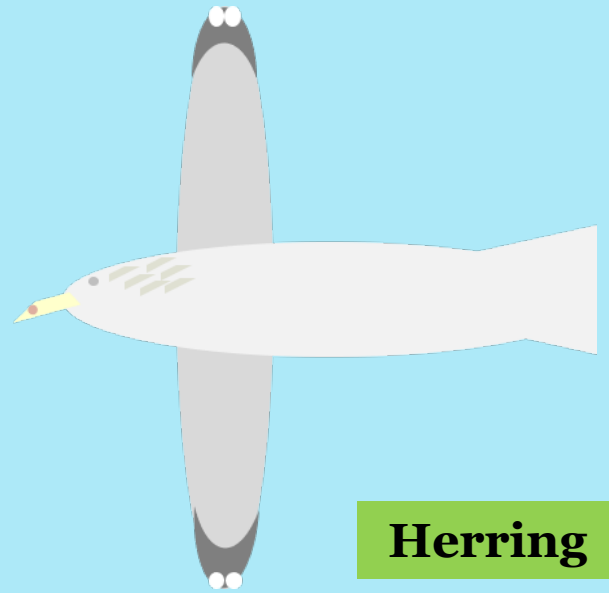
Ring-billed



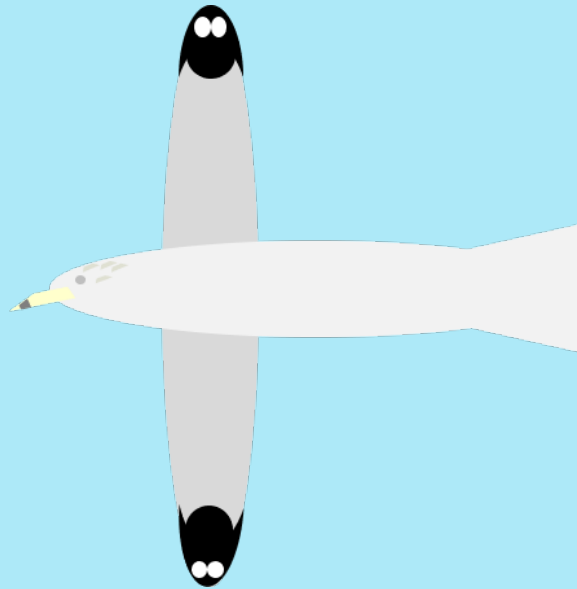
Herring



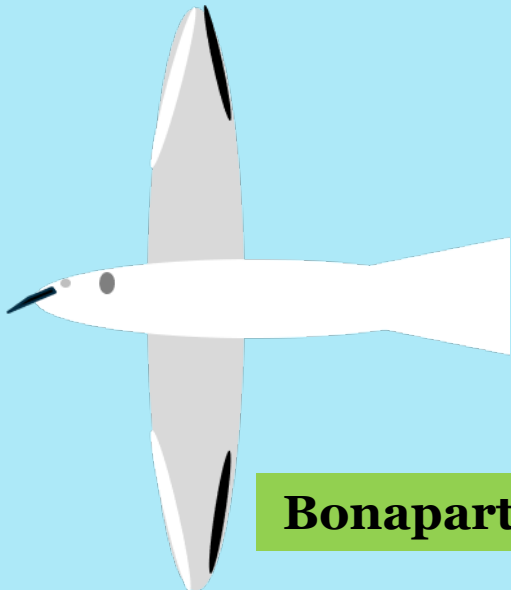
Franklin's



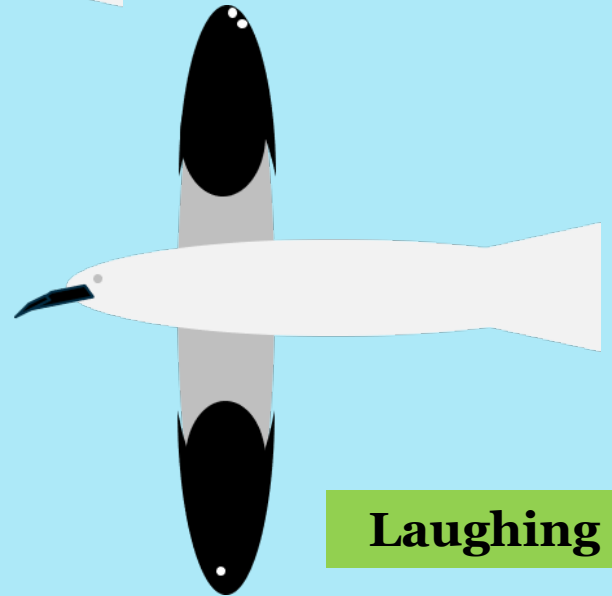
Herring



Ring-billed



Bonaparte's



Laughing



Franklin's



Laughing

Ring-billed



Bonaparte's



**ADULT
IN-FLIGHT
(DORSAL)**

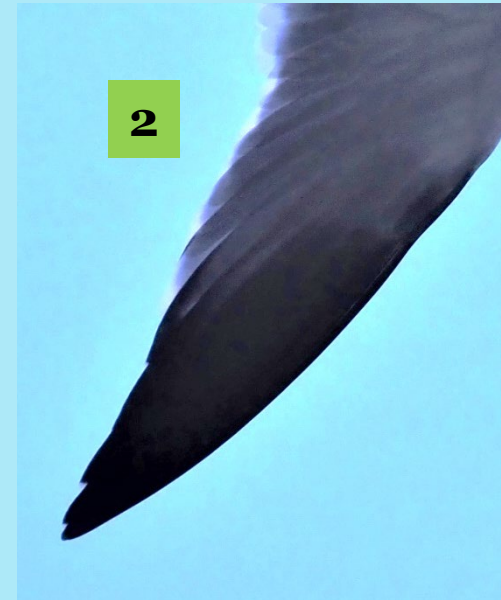
Other Photos by Jeffrey E. Patterson



Herring

Photo by Markus Lilje

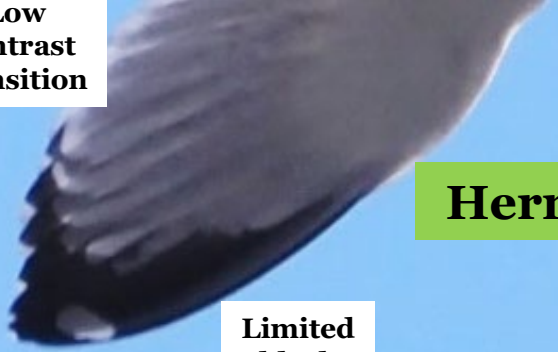
WINGTIPS UNDERWING



Photos by Jeffrey E. Patterson

WINGTIPS UNDERWING

Low
contrast
transition



Herring

Limited
black

White sub-
terminal
spots

Long
pointy
wings



Extensive
black

Laughing

Ring-billed

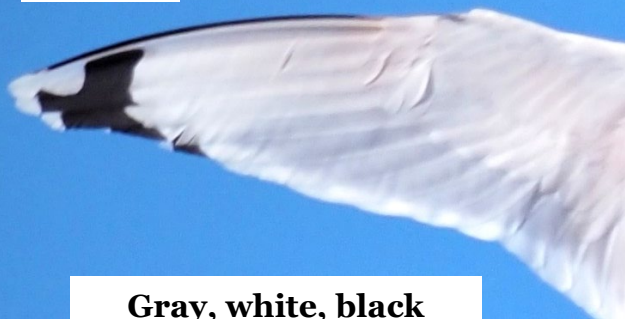


White sub-
terminal spots

Sharp
contrast

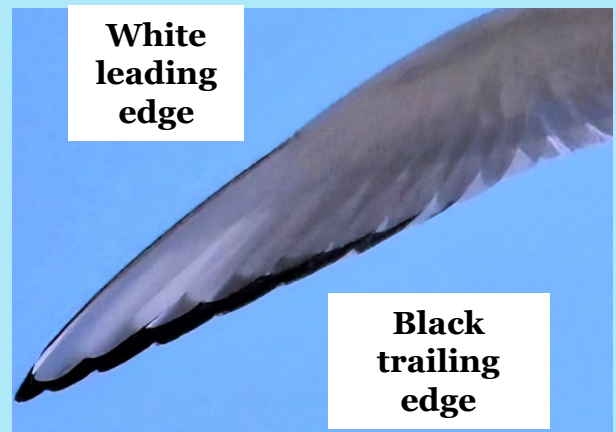
Less
black

Franklin's



Gray, white, black

Bonaparte's



White
leading
edge

Black
trailing
edge

Herring



Laughing



Franklin's



Ring-billed



Bonaparte's



THE TEXAS HEX IN FLIGHT

- ▶ Ring-billed
 - ▶ <https://www.youtube.com/watch?v=fxJp9iU73qE>
- ▶ Herring
 - ▶ <https://youtu.be/EzWKhZf3N4c>
- ▶ Laughing
 - ▶ <https://youtu.be/PICt6yoIgdM>
- ▶ Franklin's
 - ▶ <https://youtu.be/ZF2Yyt2sITU>
- ▶ Bonaparte's
 - ▶ https://youtu.be/iqbNY_LZoqI
- ▶ LBBG



**Reminiscent of
inverse
Swainson's Hawk**

**All
Herring**



Iceland

1



2



Iceland Maybe

3



**Iceland or
Herring ??**

Iceland

1



2



Iceland Maybe

3



**Iceland or
Herring ??**



Ring-billed ??



Herring



Herring



Herring



Herring



Ring-billed



LBBG



Herring



LBBG



Herring



Iceland



LBBG



LBBG



Herring



Ring-billed



Ring-billed



Ring-billed



Herring

Herring

Herring

LBBG



**All
Herring**

A photograph of three birds in flight against a clear blue sky. The birds are positioned in the upper left, lower center, and upper right areas of the frame. A bright green rectangular box is centered in the upper half of the image, containing the text 'All Herring' in a bold, black, serif font.

**All
Herring**

A photograph of four birds flying in a clear blue sky. The birds are scattered across the frame, with one in the top left, one in the middle left, one in the middle right, and one in the bottom right. They appear to be in flight, with their wings spread. A green rectangular box is centered in the upper half of the image, containing the text 'All Herring' in a bold, black, serif font.

All Herring



Herring



Iceland

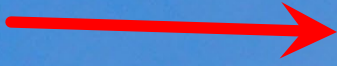


**All
Herring**



Herring

Pink



Don't forget
about feet

Yellow



Herring

Ring-billed



Herring



Ring-billed