

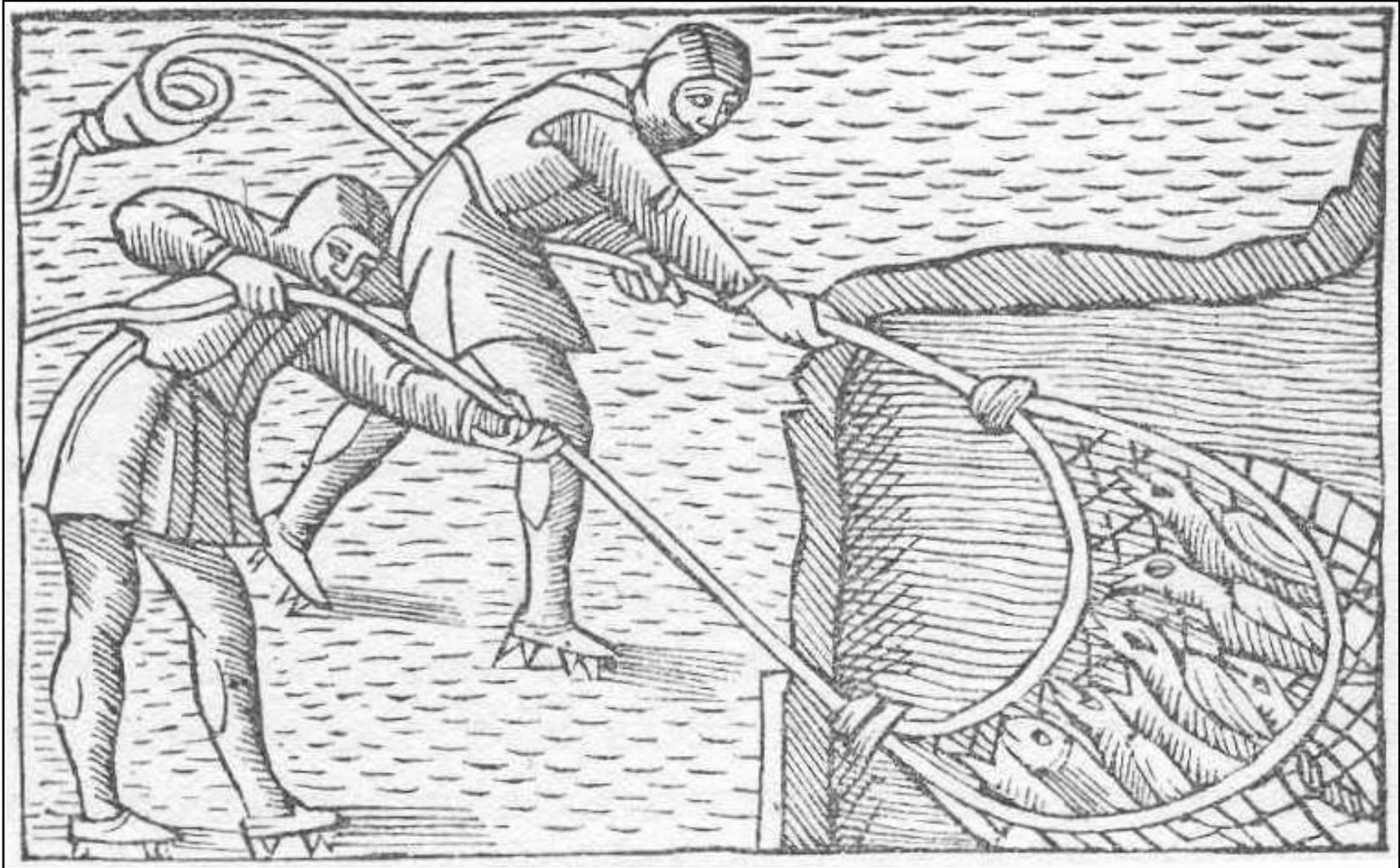
Why Colour mark
shorebirds?



Nigel Clark

Scientific Advisor to the
Spoon-billed Sandpiper Task Force

Swallows in the 16th century wintered in the mud of ponds!



Key people in marking birds



***Hans Christian
Cornelius Mortensen
was the first to put
numbered bands on
birds in 1899***

***Clive Minton
was the driving force
behind shorebird
marking in the East
Asian-Australasian
flyway***



Key Dates



1959 Large scale population studies of shorebirds start on the Wash, UK

1978 permanent leg flags developed



2003 First large scale use of engraved leg flags



Why Colour Mark?

There are many reasons to colour mark birds
To find broad population movements

(plain flags or single marks)

To understand individual movements or survival
(Multiple rings or engraved flags)

We should only colour mark birds if they will be
seen AND reported by observers



公益財団法人
日本野鳥の会



Why Colour Mark Spoon-billed Sandpipers?

1. To understand the survival of birds at different stages of their lives
2. To understand migration patterns
3. To work out population estimates
4. To monitor population change
5. AND provide great publicity stories



Colour-marking - current situation

The database has information on:

474 individuals

1,493 resightings

563 images

		Adult	Wild chick	Headstarted
Marked		63	141	186
resightings		52	35	49

Lime 05 Queen of the flyway

Spoon-billed Sandpiper Sightings Report

Light green 05 (L)



Basic information

Type:	WILD CAUGHT	Date flagged:	20-Jun-13
Metal code:	KS18825	Age flagged:	A5 Adult - spring/
Other colour marks:		Sex:	F
Location marked:	Meinypl'gyno, Chukotka, Russia		

Family history

Sire: Unknown Brood siblings:
 Dam: Unknown

Breeding history:

Year	Partner	Chick 1	Chick 2	Chick 3	Chick 4	Clutch
2018	Light green 27 (R)	White 4C (R)	White 4E (R)	White 4H (R)		U
2017	Light green 10 (L)	Light green P6 (R)	Light green T6 (R)	UNMARKED		2
2017	Light green 10 (L)	White 2C (R)	White 2E (R)	White 2A (R)	White 2L (R)	1
2016	Light green 10 (L)	White 0T (R)	White 0U (R)	White 0V (R)	White 0X (R)	1
2015	Light green 10 (L)					2
2015	Light green 10 (L)	White U7 (R)	White M7 (R)	White P7 (R)	White L7 (R)	1
2014	Light green 10 (L)	White Y8 (R)	NO FLAG Pink (L)	DID NOT HATCH	White J9 (R)	1
2014	Light green 10 (L)					2
2013	Light green 06 (L)	White JA (R)	White XA (R)	White PA (R)	DID NOT FLEDGE	1

Headstarting information (if applicable)

Find date:	Chick dry mass (g):
Collection date:	Date released:
Hatch date:	Date last seen:
Death date:	Release comments:
Cause of death (# known):	N/A

Other comments

The Spoon-billed Sandpiper Individual Re-sightings Database (SBS-IDB) is maintained by the Wetland & Wetlands Trust (WWT) and Birds Russia on behalf of the Spoon-billed Sandpiper Task Force. The SSID contains data and images from a variety of organisations and individuals. All data and images remain the property of the source organisation or individual and are used by the SSID with permission. Please note that the information provided by the SSID may be preliminary and presented prior to final review and confirmation. This information is provided with the understanding that it is not guaranteed to be correct or complete and conclusions drawn from such information are the sole responsibility of the user.



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Light green 05 (L)

Re-sightings / satellite fix locations

Date first observed	Date last observed	Site
30-Nov-13		Khok Kham, Samut Sakhon Province, Thailand
30-Nov-13	24-Dec-13	Khok Kham, Samut Sakhon Province, Thailand
12-Jan-14		Khok Kham, Samut Sakhon Province, Thailand
12-Feb-14		Khok Kham, Samut Sakhon Province, Thailand
06-Mar-14		Khok Kham, Samut Sakhon Province, Thailand
02-May-14		Tiaozini, Dongtai County, Jiangsu Province, China
06-Jun-14	15-Jun-14	Meinypl'gyno, Chukotka, Russia
12-Nov-14		Khok Kham, Samut Sakhon Province, Thailand
14-Nov-14		Khok Kham, Samut Sakhon Province, Thailand
30-Nov-14		Khok Kham, Samut Sakhon Province, Thailand
02-Dec-14		Khok Kham, Samut Sakhon Province, Thailand
15-Dec-14		Khok Kham, Samut Sakhon Province, Thailand
05-Jun-15	07-Jul-15	Meinypl'gyno, Chukotka, Russia
31-Oct-15		Khok Kham, Samut Sakhon Province, Thailand
16-Nov-15		Khok Kham, Samut Sakhon Province, Thailand
01-Jan-16		Khok Kham, Samut Sakhon Province, Thailand
04-Feb-16		Khok Kham, Samut Sakhon Province, Thailand
07-Jun-16	22-Jul-16	Meinypl'gyno, Chukotka, Russia
30-Nov-16	01-Dec-16	Khok Kham, Samut Sakhon Province, Thailand
16-Mar-17	28-Mar-17	Unknown (Thailand), Unknown, Thailand
30-Apr-17		Yangkou, Rudong County, Jiangsu Province, China
09-Jun-17	30-Jun-17	Meinypl'gyno, Chukotka, Russia
23-Sep-17		Tiaozini, Dongtai County, Jiangsu Province, China
31-Oct-17		Khok Kham, Samut Sakhon Province, Thailand
09-Mar-18		Khok Kham, Samut Sakhon Province, Thailand
11-Jun-18	17-Jun-18	Meinypl'gyno, Chukotka, Russia
27-Oct-18		Khok Kham, Samut Sakhon Province, Thailand
28-Jan-19		Khok Kham, Samut Sakhon Province, Thailand
16-Aug-19		Tiaozini, Dongtai County, Jiangsu Province, China
09-Nov-19		Khok Kham, Samut Sakhon Province, Thailand



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Lime 05 Queen of the flyway

Light green 05 (L)

Related images



Light Green 05 at Khok Kham, Thailand on 30 Nov 2013.

© Smith Sutbut



Light Green 05 at Khok Kham, Thailand in winter 2013.

© Smith Sutbut



Light Green 05 at Khok Kham, Thailand, 15 Dec 2014.

© Wilawan Tanggekke



Light green 05 at Khok Kham, Thailand on 16 Nov 2015

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Light green 05 at Khok Kham, Thailand on 16 Nov 2015

© Eugene Cheah



Light green 05 at Khok Kham, Thailand on 16 Nov 2015

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Light green 05 (L)



Light green 05 at Khok Kham, Thailand on 16 Nov 2015

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The Incredible Journey of the Famous Female '05'

Guy Anderson, Phil Round, Pavel Tomkovich, & Christoph Zöckler



Female 05 banded on breeding grounds in Chukotka



Female 05 in spring at Tiaozini sandbanks

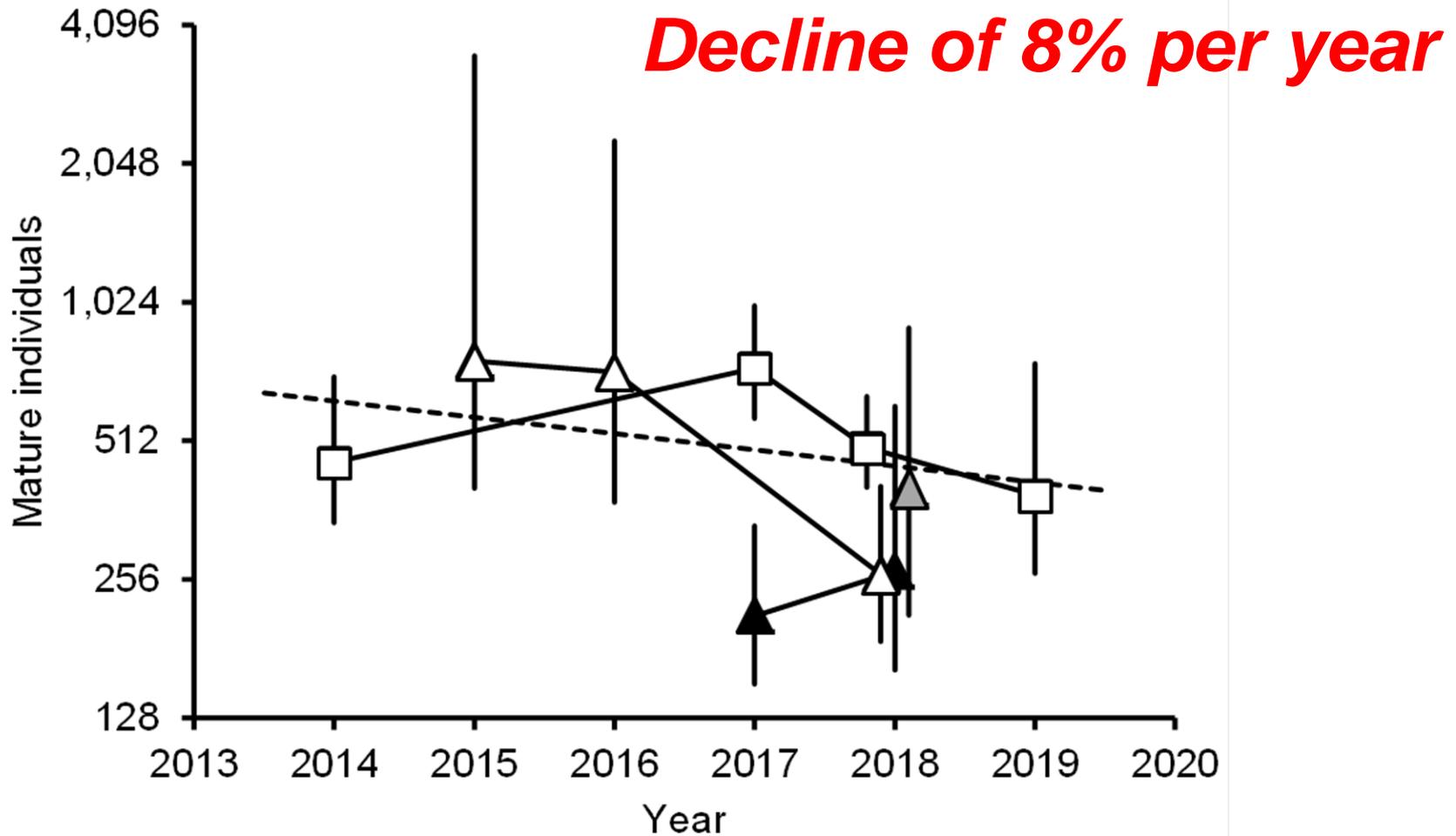


Female 05 in winter at Khok Kham Thailand

Population change

- Without predictions of the future we will not know if we are saving Spoony or watching extinction
- Detailed scan surveys at many sights have enabled us to provide population estimates since 2014.

Population change



Why don't observers find all marked SBS?

- Maybe they cover all the sites where SBS are but miss half.
- Maybe there are sites that we don't know about.

To find out we used satellite tags glued to their backs for a few months.





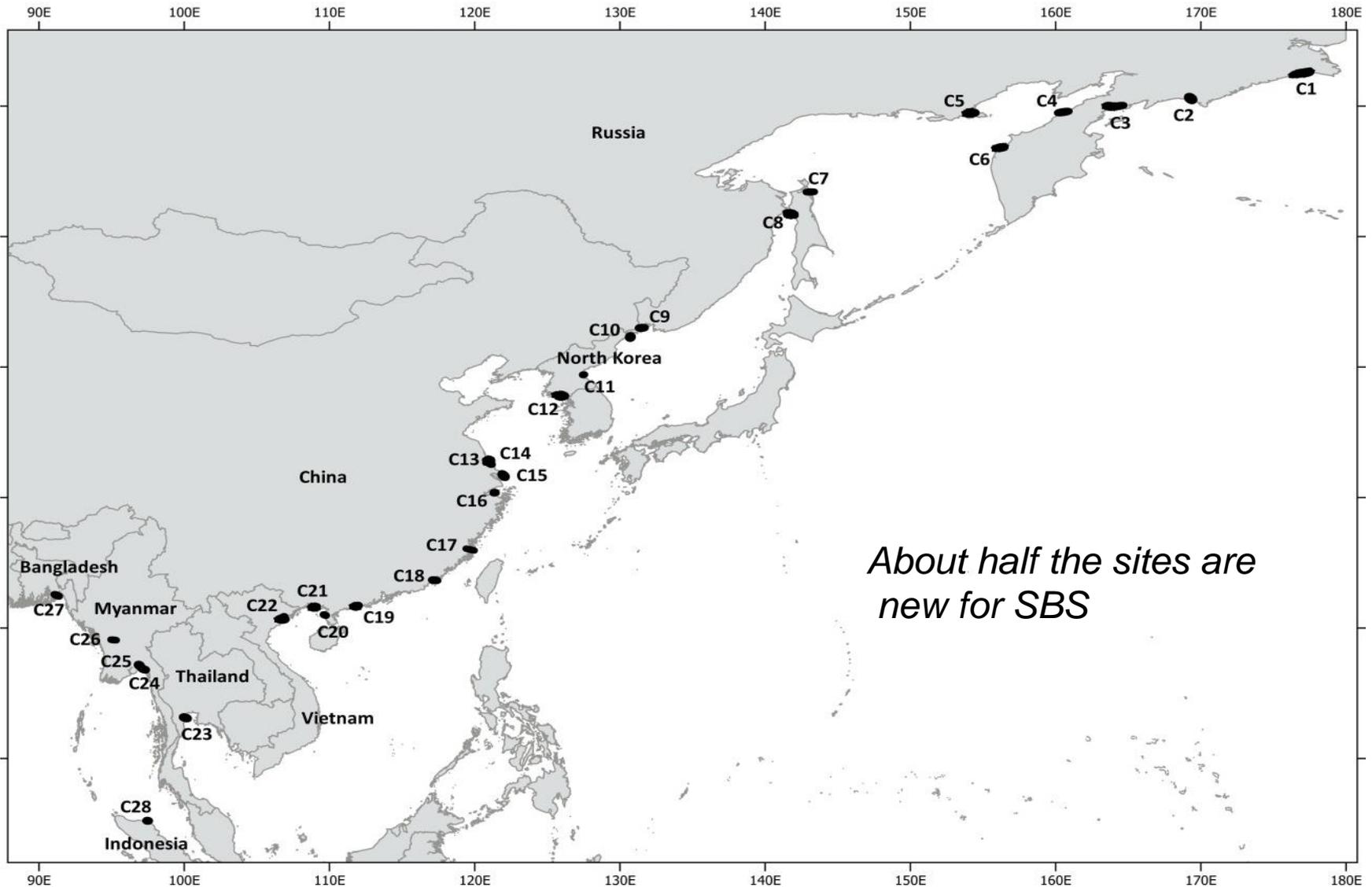


HU at Tiaozini this September



Photon

Sites where tagged birds stopped for 2 days or more



About half the sites are new for SBS

*Every sighting or photo
of a marked SBS helps
their conservation*

*With your help we can
save it from extinction*



Thank you for Listening

