

How can legflags on birds guide conservation (3)

World Migratory Bird Day 2020



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10-10-2020

The invisible connection



PRBO Conservation Science
USGS Alaska Science Center

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Flag/band resightings

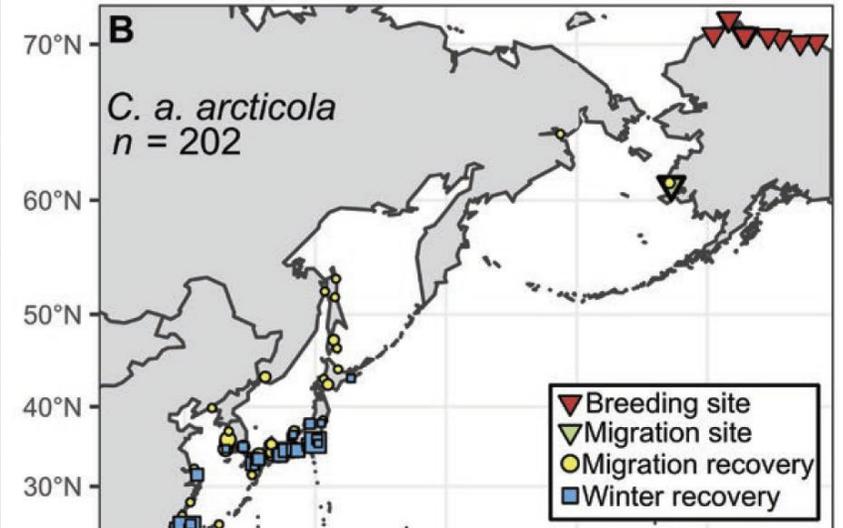




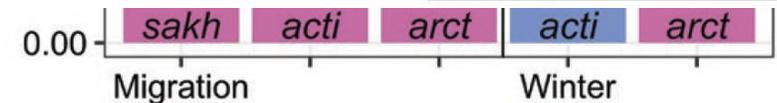
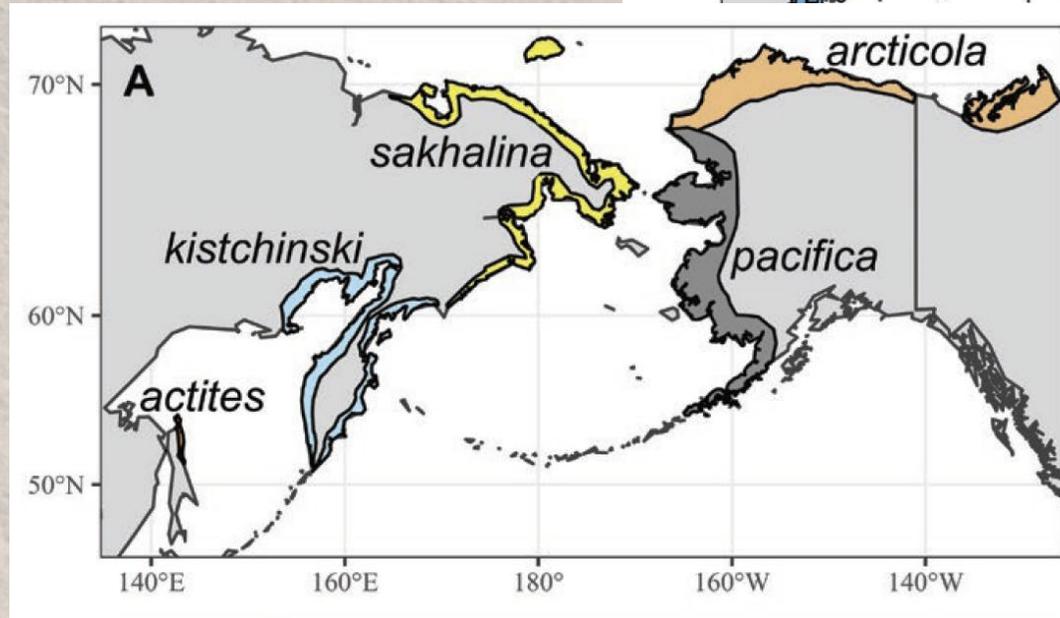
RESEARCH ARTICLE

Dunlin subspecies exhibit regional segregation and high site fidelity along the East Asian–Australasian Flyway

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Breeding site fidelity



Banded in June 2003



Resighted on 8th Apr 2012

History of the Bird at Barrow, Alaska:
Sighted in 2004, 06 (2 other years)
Captured in 2003, 05, 07, 09, 10, 11 (6 years)

Over these years, it was:
Knowledge gained on this bird was collected by:
Attached with radio transmitter in 2005 & 09; six U.S. citizens
Blood was collected 6 times; one Colombia citizen
Swabbed for avian influenza 3x – all negative; one Hong Kong citizen
Contributed data to 2 PhD, 3 MSc projects; two Taiwan citizens
Nested with the same female in 2003 and 2005, two South Korean citizens
And a new but the same female in 2009, 2010 and 2011

Original Article

Impacts of wind on individual migration schedules of New Zealand bar-tailed godwits

Jesse R. Conklin and Phil F. Battley

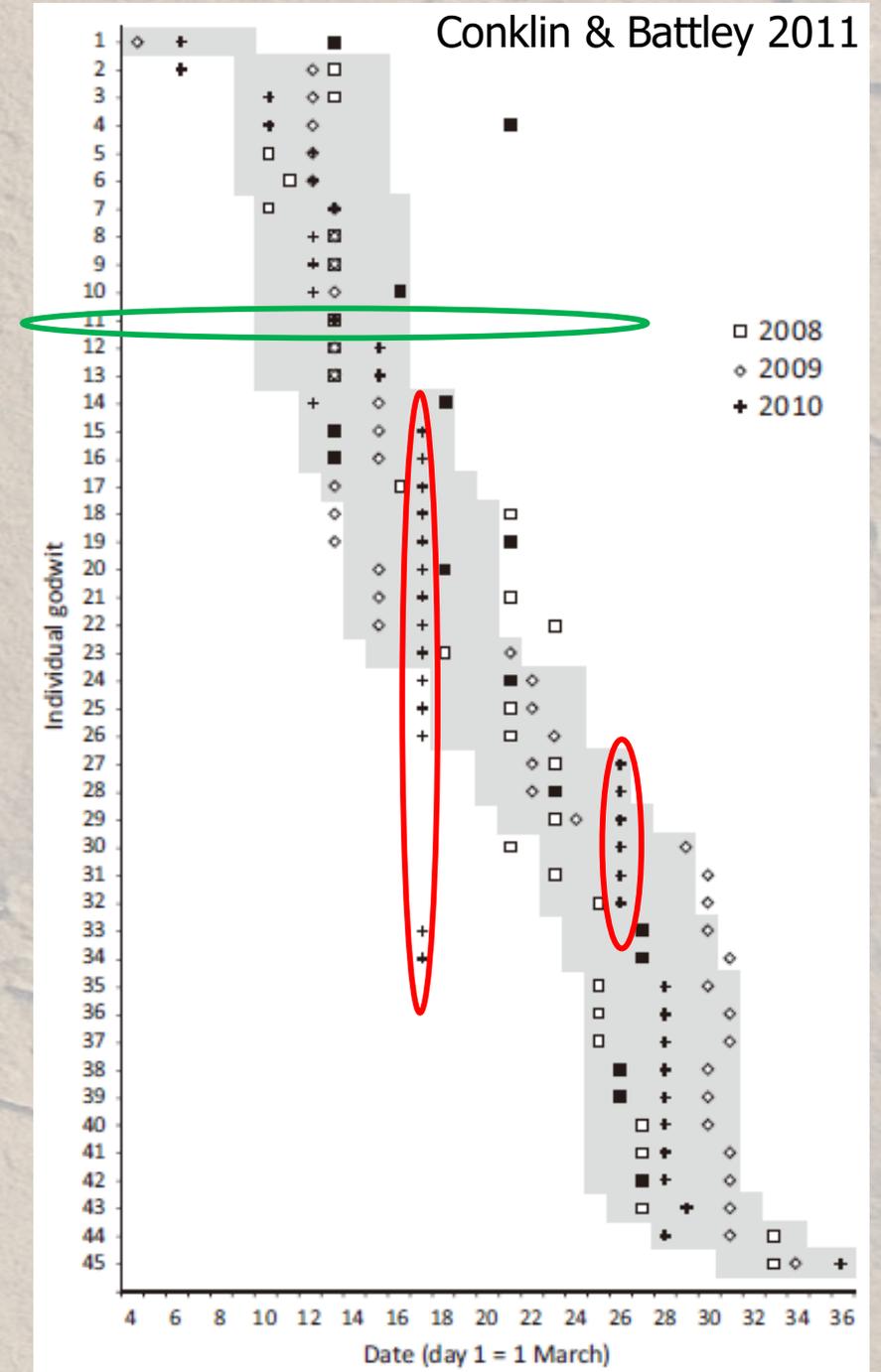
Ecology Group, Institute of Natural Resources, Massey University, Private Bag 11-222, Palmerston North 4442, New Zealand

↘ High repeatability in timing

↘ Weather forecast



© Phil Battley



Collect, connect, upscale: Towards coordinated monitoring of migratory shorebirds in the Asia-Pacific

Richard A. Fuller^{1,*}, Micha V. Jackson¹, Tatsuya Amano¹, Chi-Yeung Choi², Robert S. Clemens¹, Birgita D. Hansen³, Da-Li Lin^{1,4}, Rochelle Steven¹, Bradley K. Woodworth¹

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Australian
Zoologist

- ↓ fragmentation among multiple databases
- ↓ low data readiness
- ↓ inadequate metadata and gaps in survey coverage

Summary of sightings

Red Knot

Banding/Recapture

1BRYR

- | | |
|------------|---|
| 26-07-2008 | Wader Spit, Roebuck Bay, Broome (-18.00, 122.37) Australia 05251438 (1BRYR) Aged 1Sex:M (F = Flew) NO BLOOD |
| 02-08-2008 | Quarry Beach, Roebuck Bay, Broome (-18.00, 122.37) Australia 05251438 (1BRYR) Aged 2Sex:M (WO = Walked only) |



Resighting

1BRYR

- | | |
|------------|--|
| 16-09-2008 | Observatory Beach, Crab Ck Rd, Roebuck Bay, Broome (-18.00, 122.37) Australia BP:8 Alice Ewing |
| 25-10-2008 | 80 Mile Beach 0-5KM South (-19.23, 121.40) Australia BP:8 Nathan Waugh ... & Steve Holliday |
| 31-12-2009 | Kidds, Karaka, South Auckland, North Island (-37.08, 174.83) New Zealand BP:8 Tony Habraken |
| 01-04-2010 | Kidds, Karaka, South Auckland, North Island (-37.08, 174.83) New Zealand BP:3 Tony Habraken |
| 03-01-2011 | Clifton Beach, Whitford, Auckland, North Island (-36.93, 174.97) New Zealand BP:8 Tony Habraken |
| 19-01-2011 | Clifton Beach, Whitford, Auckland, North Island (-36.93, 174.97) New Zealand BP:2 Tony Habraken |
| 12-02-2011 | Kidds, Karaka (-37.08, 174.83) New Zealand BP:1 Tony Habraken |
| 24-05-2011 | Nan Pu, Bohai Bay (39.06, 118.22) China (mainland) piersmai () BP:7 Matt Slaymaker PMAI |
| 26-05-2011 | Nan Pu, Bohai Bay (39.06, 118.22) China (mainland) piersmai () BP:7 Matt Slaymaker & Chris Hassell PMAI |
| 12-01-2012 | Kidds, Karaka, South Auckland, North Island (-37.08, 174.83) New Zealand BP:8 Ian Southey IMAGE |
| 16-03-2012 | Kidds, Karaka, South Auckland, North Island (-37.08, 174.83) New Zealand BP:8 Tony Habraken |
| 25-05-2012 | ZUIDONG BOHAI (SHUANG LONG HE MOUTH) (39.03, 118.32) China (mainland) piersmai () BP:7 Bohai Team 2012 P |
| 26-05-2012 | Nan Pu, Bohai Bay (39.06, 118.22) China (mainland) piersmai () BP:7 Bohai Team 2012 P |
| 16-12-2012 | Kidds, Karaka (-37.08, 174.83) New Zealand BP:8 Tony Habraken & David Lawrie |
| 22-12-2012 | Kidds, Karaka (-37.08, 174.83) New Zealand BP:8 Tony Habraken ... & |
| 27-01-2013 | Kidds, Karaka (-37.08, 174.83) New Zealand BP:8 Tony Habraken & David Lawrie |
| 14-05-2013 | Nan Pu, Bohai Bay (39.06, 118.22) China (mainland) |

Challenges – effective reporting system

<https://bfsn.bfsa.org.tw/bandbfs.php#contact>



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Black-faced Spoonbill Conservati...
bfsn.bfsa.org.tw/bandbfs.php#contact

choicy

註冊成員 Logout

English
English
繁體中文
简体中文
日本語
한국어

MAP

LIST

Migration Track

Observation Report

MY FRIENDS

MY FAVORITES

MY RECORDS

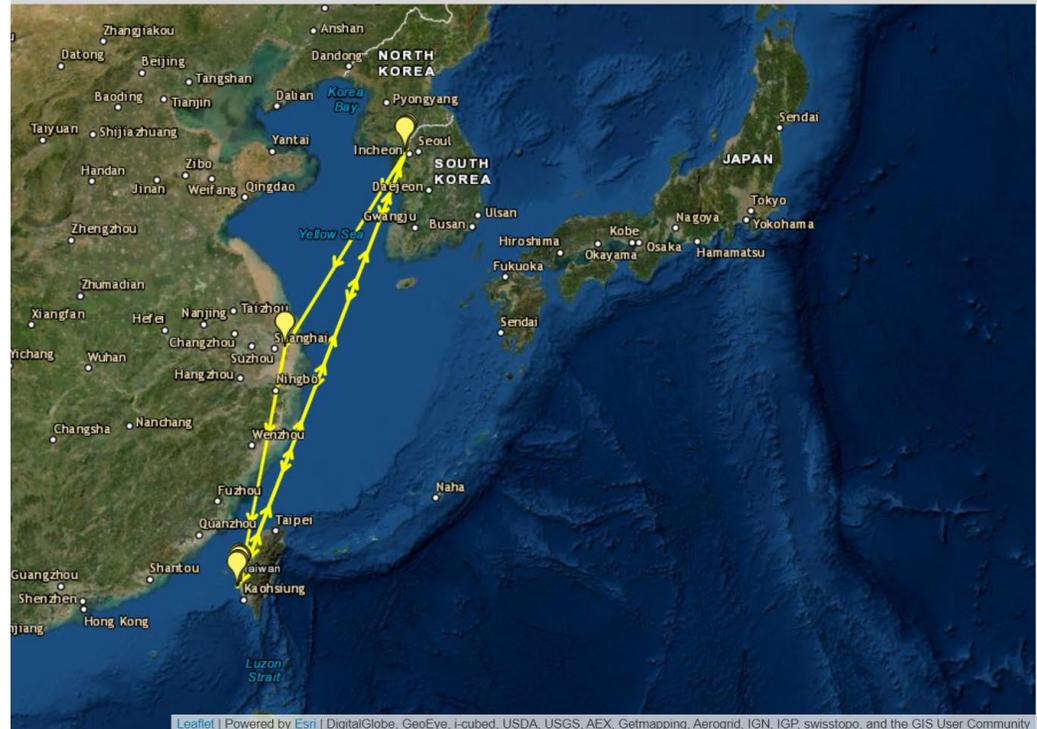
MY COMMENTS

Date: 1990-01-01 ~ 2020-10-08

Choose a Spoonbill

E44

ESRI Satellite衛星影像



222 records(12 page), This is 6 page

| Date | Location | Quantity | Rings |
|------------|-----------------|----------|--|
| 2015-10-31 | 布袋2 | 69 | E44, E47 |
| 2015-10-25 | 布袋 | 166 | E44, E47 |
| 2015-10-18 | 布袋 | 66 | E44 |
| 2015-10-16 | 布袋 | 51 | E44, S69 |
| 2015-10-11 | 土城 | 57 | E44, S04, S88 |
| 2015-07-18 | Suhaam, Incheon | 170 | K79, K89, K91, K00, E01, E14, E21, E44, E46, E63, S35, S62, S69, T64 |
| 2015-05-22 | Maedo, Incheon | 90 | K67, E02, E14, E26, E38, E44, E94, S04, T64, T71 |
| 2015-04-22 | Suhaam, Incheon | 85 | K79, K89, E01, E21, E23, E27, E44, E62, E63, E94 |
| 2015-03-29 | 布袋 | 180 | E44, E47, S17 |
| 2015-02-01 | 七股龍山 | 37 | K94, E44 |
| 2014-10-12 | 七股主樓地 | 385 | E04, E06, E21, E44, S07, S11, T18, T38, T39, T43, T57, T58 |
| 2014-10-10 | 主樓地 | 308 | E01, E21, E44, S04, S07, S11, T18, T38, T39, T43, T57, T58 |
| 2014-10-05 | 七股主樓地 | 206 | E04, E44, S07, T18, T28, T57, T58 |
| 2014-07-01 | Suhaam, Incheon | 100 | K81, K89, K91, K00, E26, E44, E94, E98, S56, S57, S58 |
| 2014-05-30 | Suhaam, Incheon | 90 | K89, K00, E01, E14, E24, E26, E29, E44, E63, E81, S03, T54, T61 |
| 2014-05-01 | Suhaam, Incheon | 80 | K89, K00, E44 |
| 2014-04-28 | 上海, 橫沙島 | 81 | E42, E44, E63, E81 |
| 2014-04-15 | 上海, 橫沙島 | 40 | E44 |
| 2014-04-08 | 嘉義布袋 | 89 | E42, E44, E76, E94, S17 |
| 2014-01-19 | 台南北門急水溪 | 66 | E42, E44 |

222 records(12 page), This is 6 page

Conclusions

- ↘ Illustrate movement pattern
- ↘ Reveal interesting migratory behaviour
- ↘ Monitor survival
- ↘ Inform conservation / management decisions
- ↘ Collaborative effort is urgently needed
- ↘ Know your bird by individual !!

