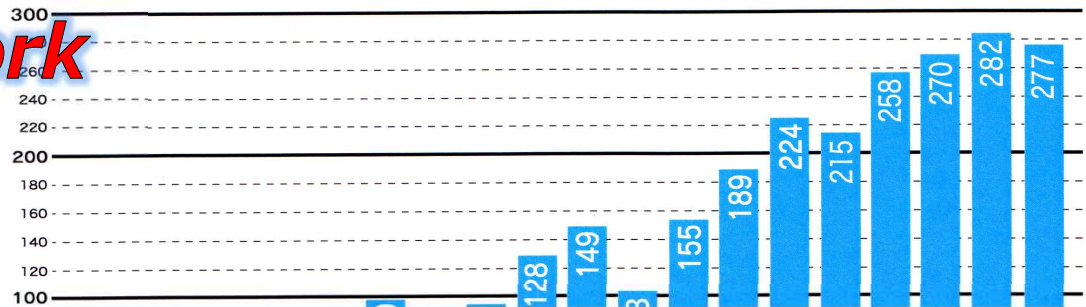


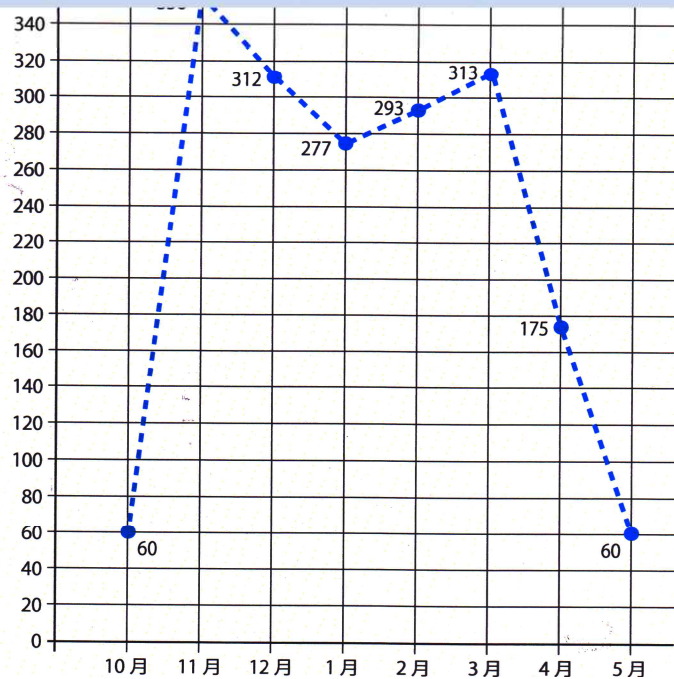
Population survey by Japan BFS Network

▼日本の総羽数の変化 (香港バードウォッチングソサエティの資料より)

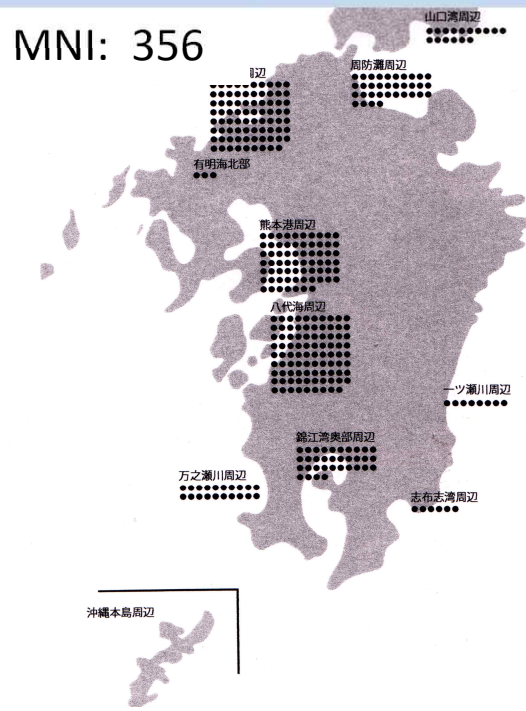


More than 200 bird-watchers join to the BFS monitoring survey.

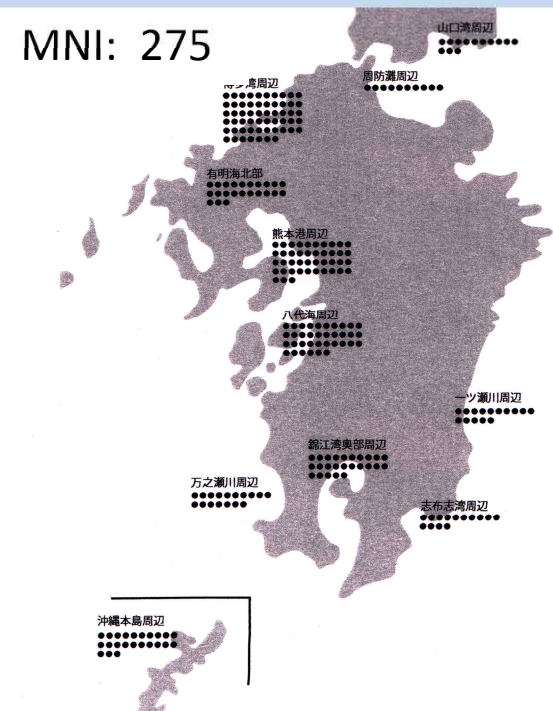
To find new feeding sites, collaborating with local Wildbird members



MNI: 356

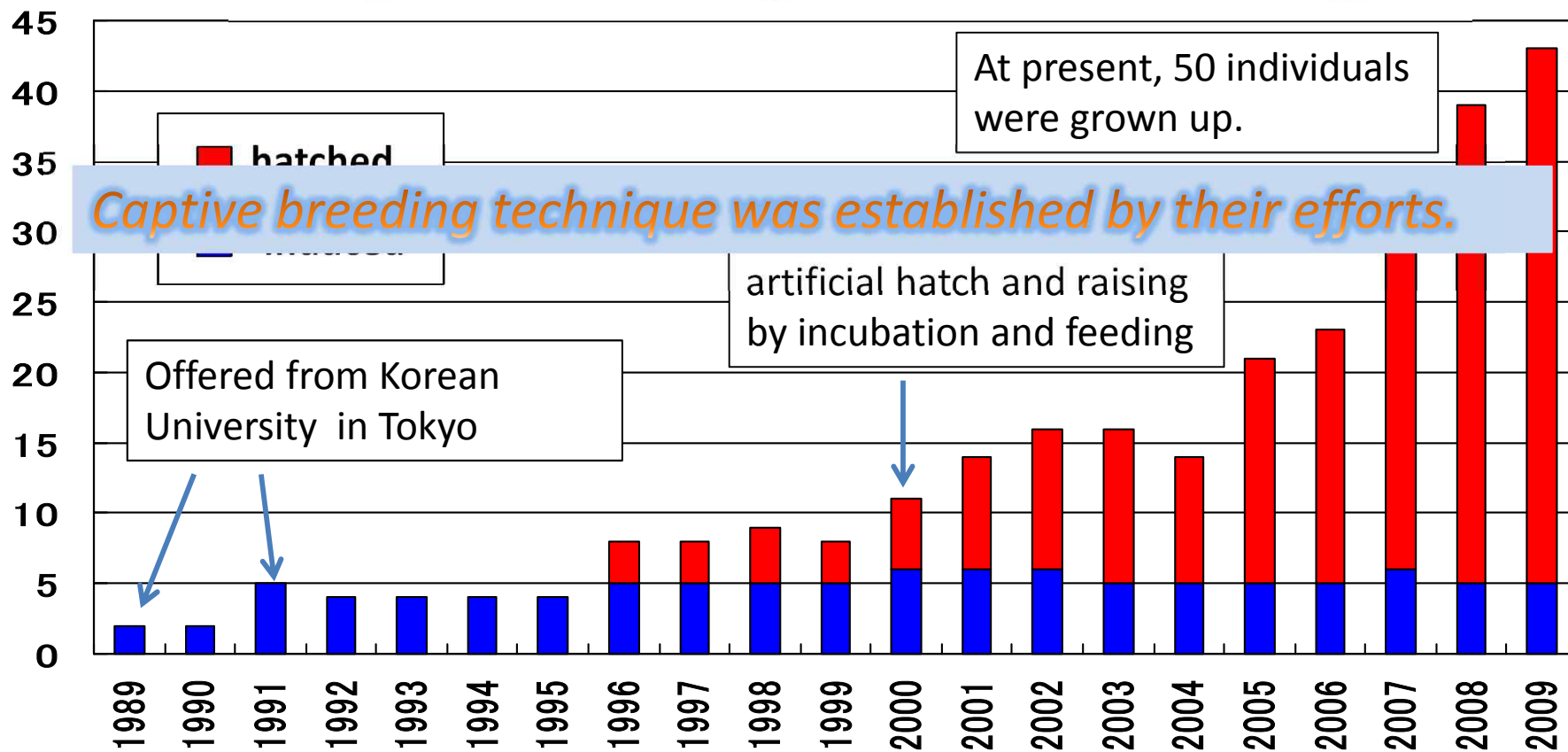


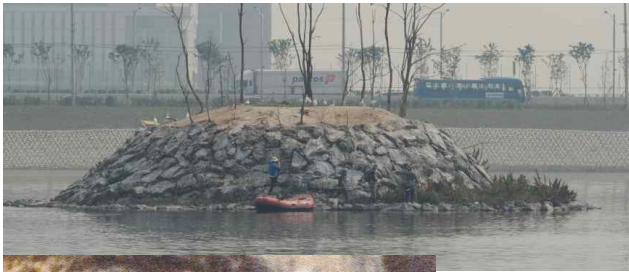
MNI: 275



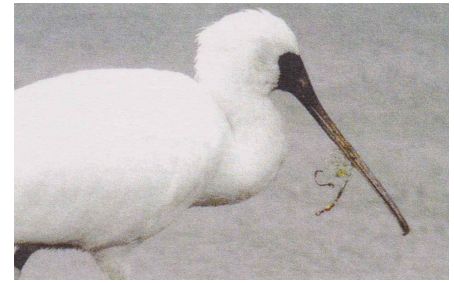
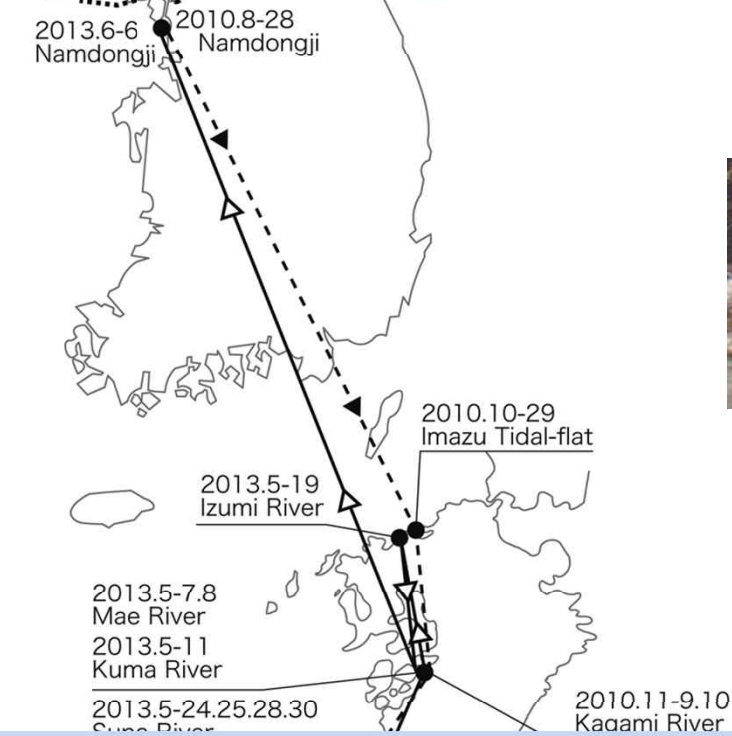


Captive Breeding at Tama Zoo, Tokyo





History of K96

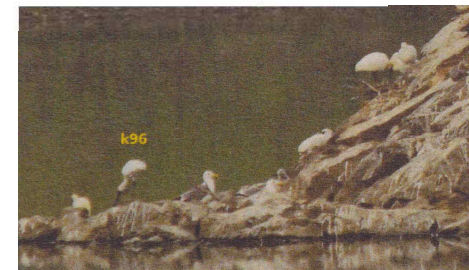
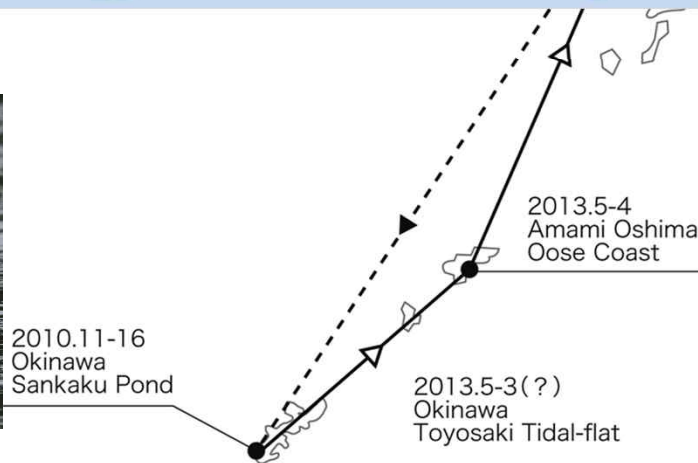


Rescue efforts save the life of K96 at Okinawa.

2010 Okinawa

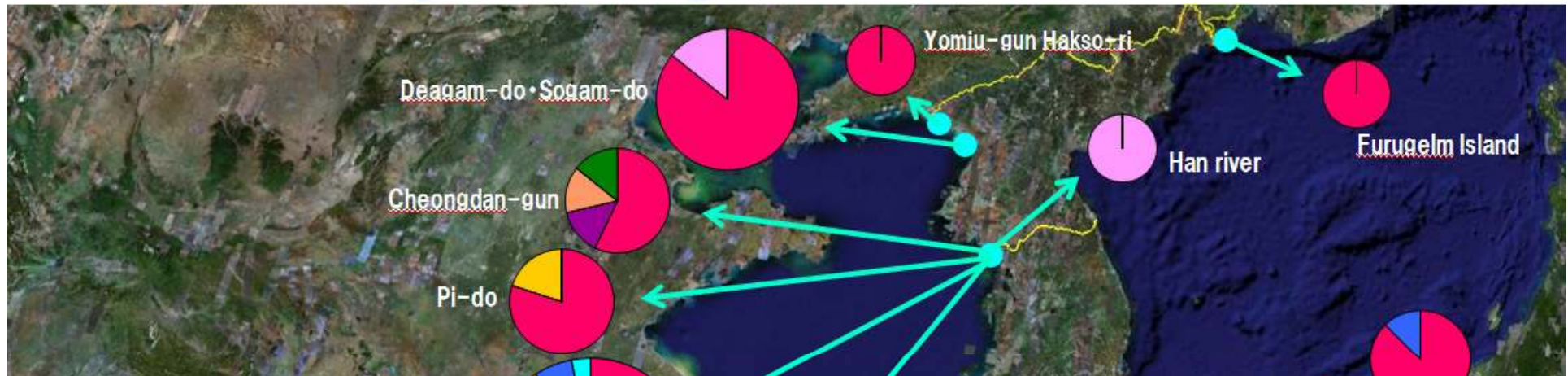


2010 Okinawa



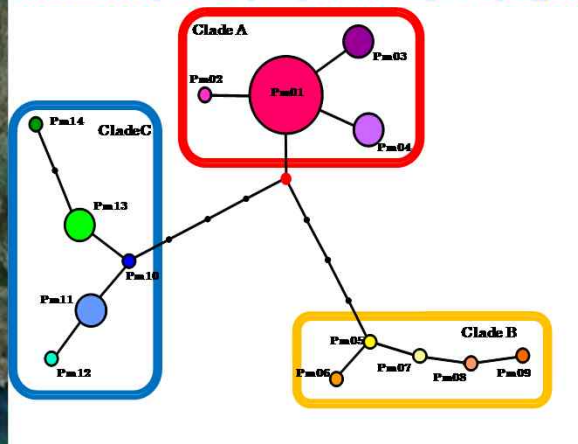
2013 Namdongji

mtDNA analysis using fallen feathers



Because of the dominant haplotype, genetic diversity of BFS is not so high as cranes.

Network tree by median-joining method using 14 haplotypes



Cho et al. 2009

563 マイル

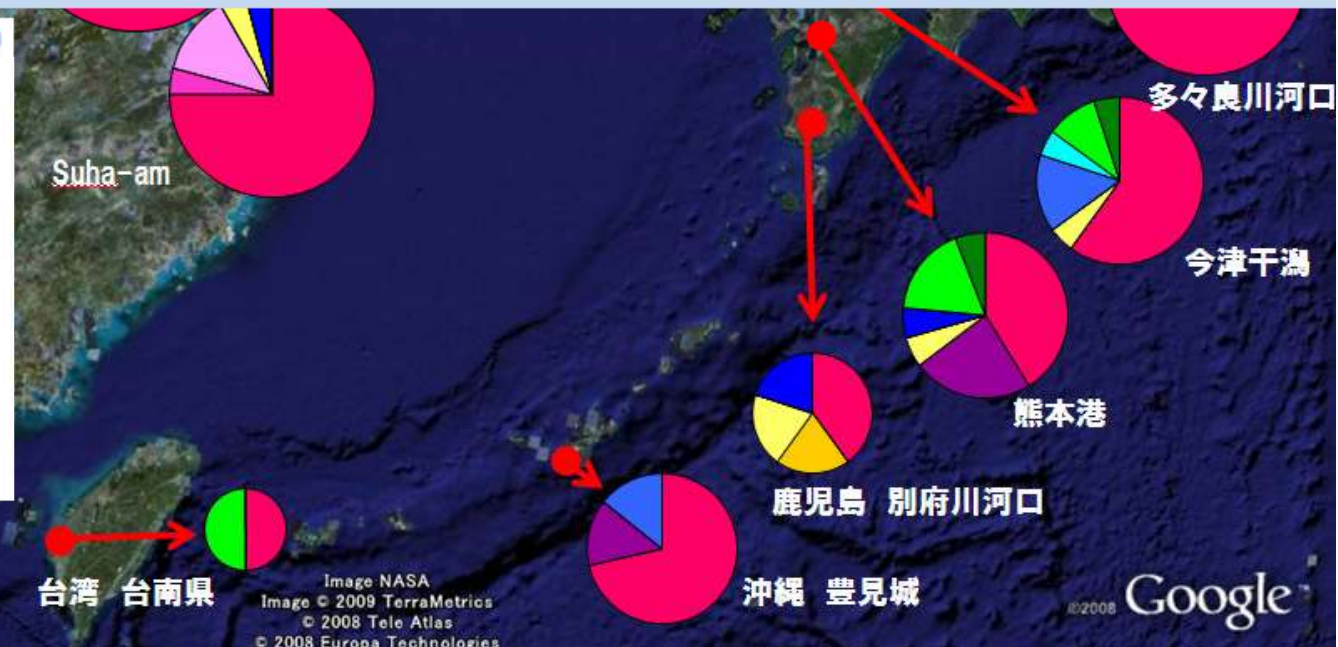


Image NASA
Image © 2009 TerraMetrics
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Solar-GPS satellite tracking



GCOEアジア保全生態学 九州大学・東京大学
Education, Research & Conservation

<https://sites.google.com/a/conservationecology.asia/main/coreProjects/tracking/bfsb2011>

•Satellite tracking for Black-faced Spoonbill project 2009-2013

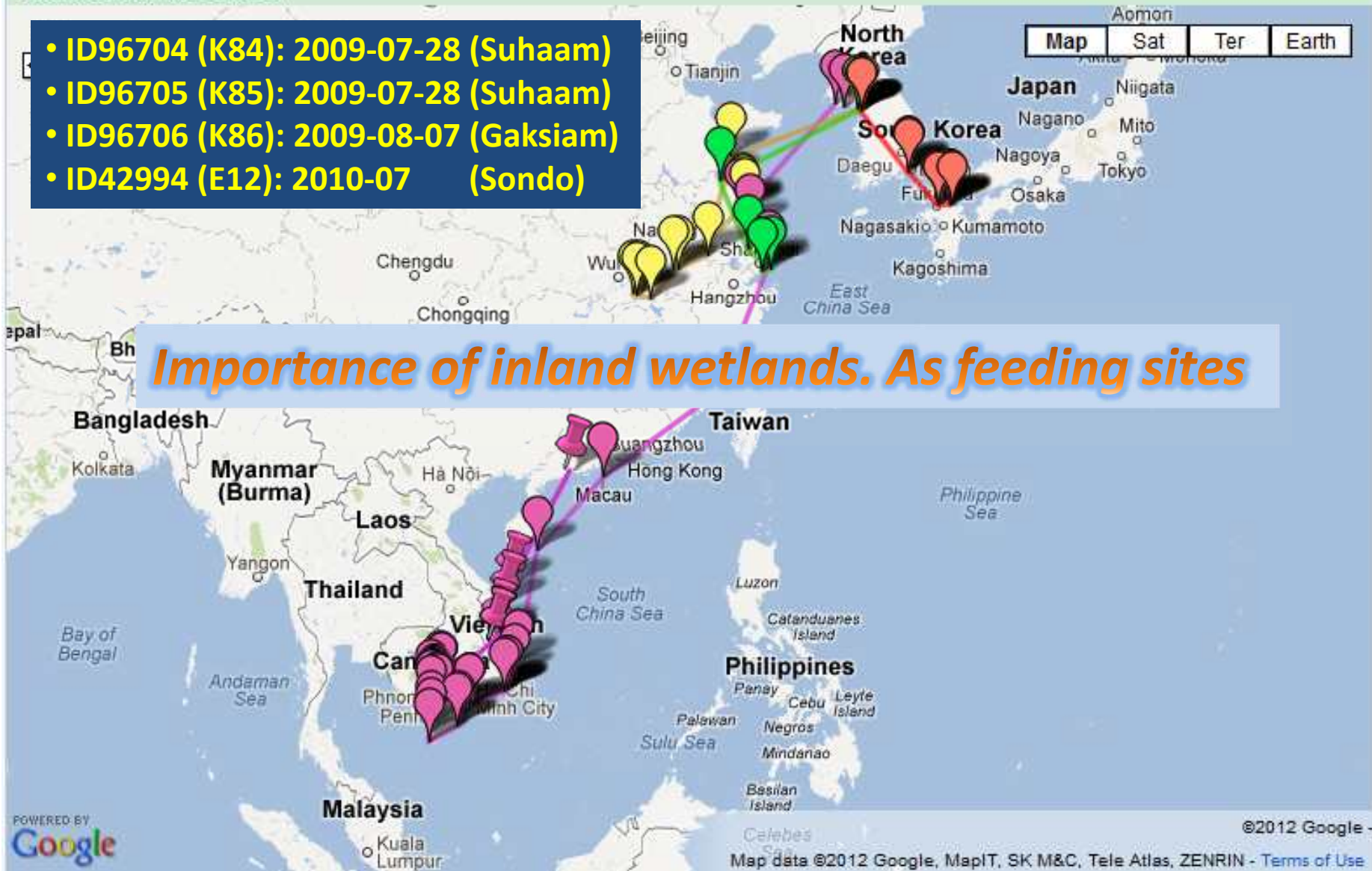


Copyright: T. Okabe
(Nishinippon Shinbun)

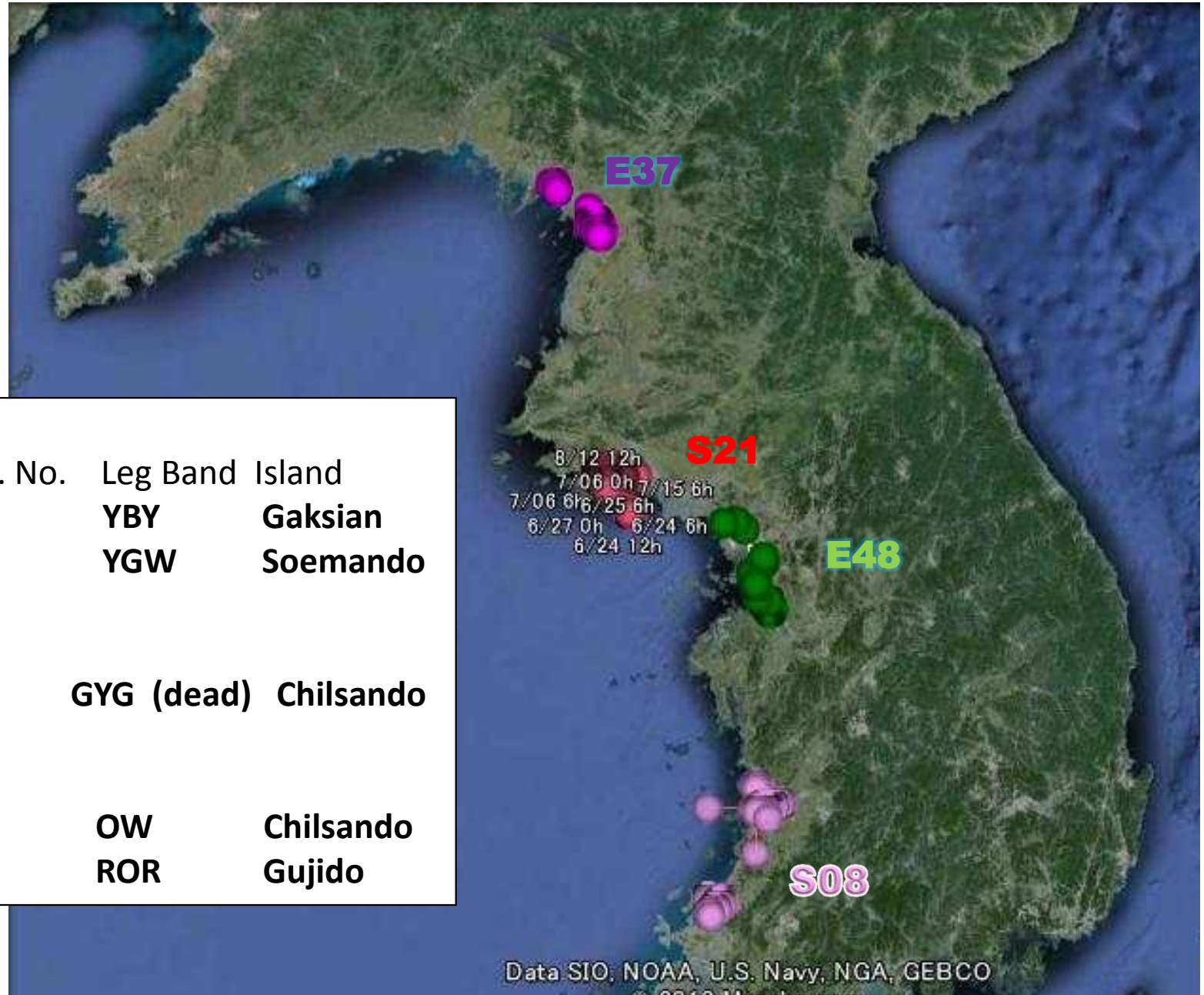
4 individuals attached during 2009& 2010

Satellite tracking of BFB all

- ID96704 (K84): 2009-07-28 (Suhaam)
- ID96705 (K85): 2009-07-28 (Suhaam)
- ID96706 (K86): 2009-08-07 (Gaksiam)
- ID42994 (E12): 2010-07 (Sondo)



5 individuals attached during 20011- 2013



Year 2011

| Argos ID | Indiv. No. | Leg Band | Island |
|----------|------------|----------|----------|
| 67938 | E37 | YBY | Gaksian |
| 67939 | E48 | YGW | Soemando |

Year 2012

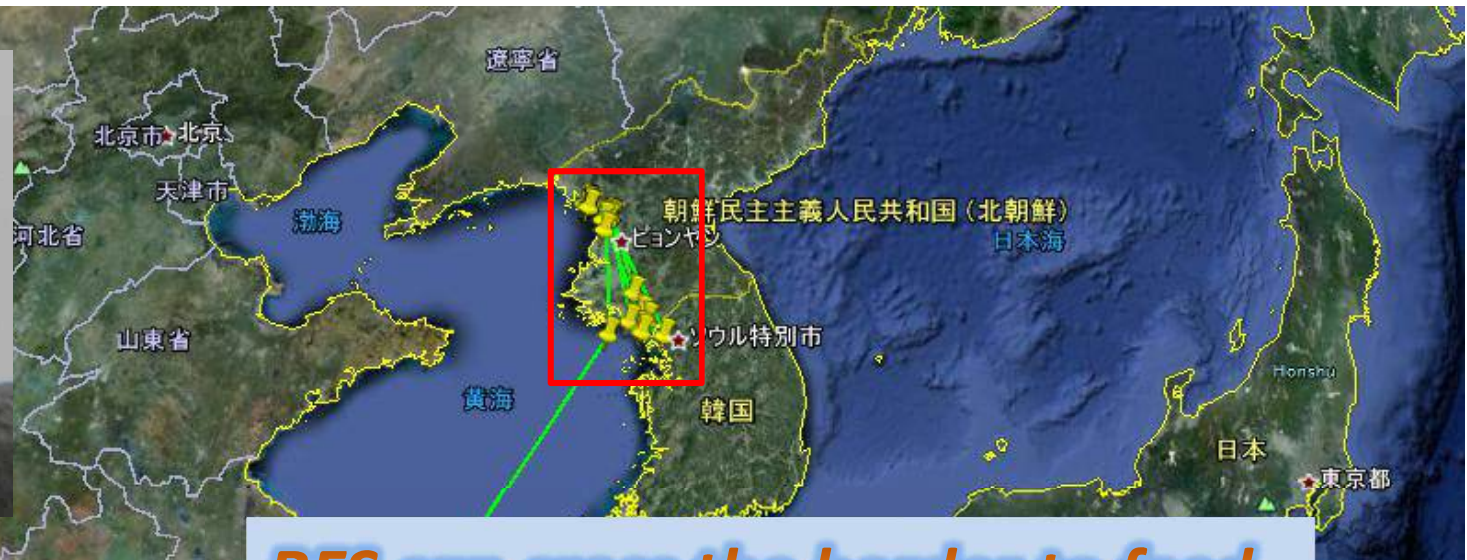
| | | | |
|--------|-----|------------|-----------|
| 114528 | E75 | GYG (dead) | Chilsando |
|--------|-----|------------|-----------|

Year 2013

| | | | |
|--------|-----|-----|-----------|
| 114528 | S08 | OW | Chilsando |
| 130144 | S21 | ROR | Gujido |

E37 (ID 67938)

Gaksian from 1st July, 2011



BFS can cross the border to feed

- 2011 Oct – 2012 Mar
- 2012 Apr – 2012 Sep
- 2012 Oct – 2013 Feb



BFS observed in North Korea

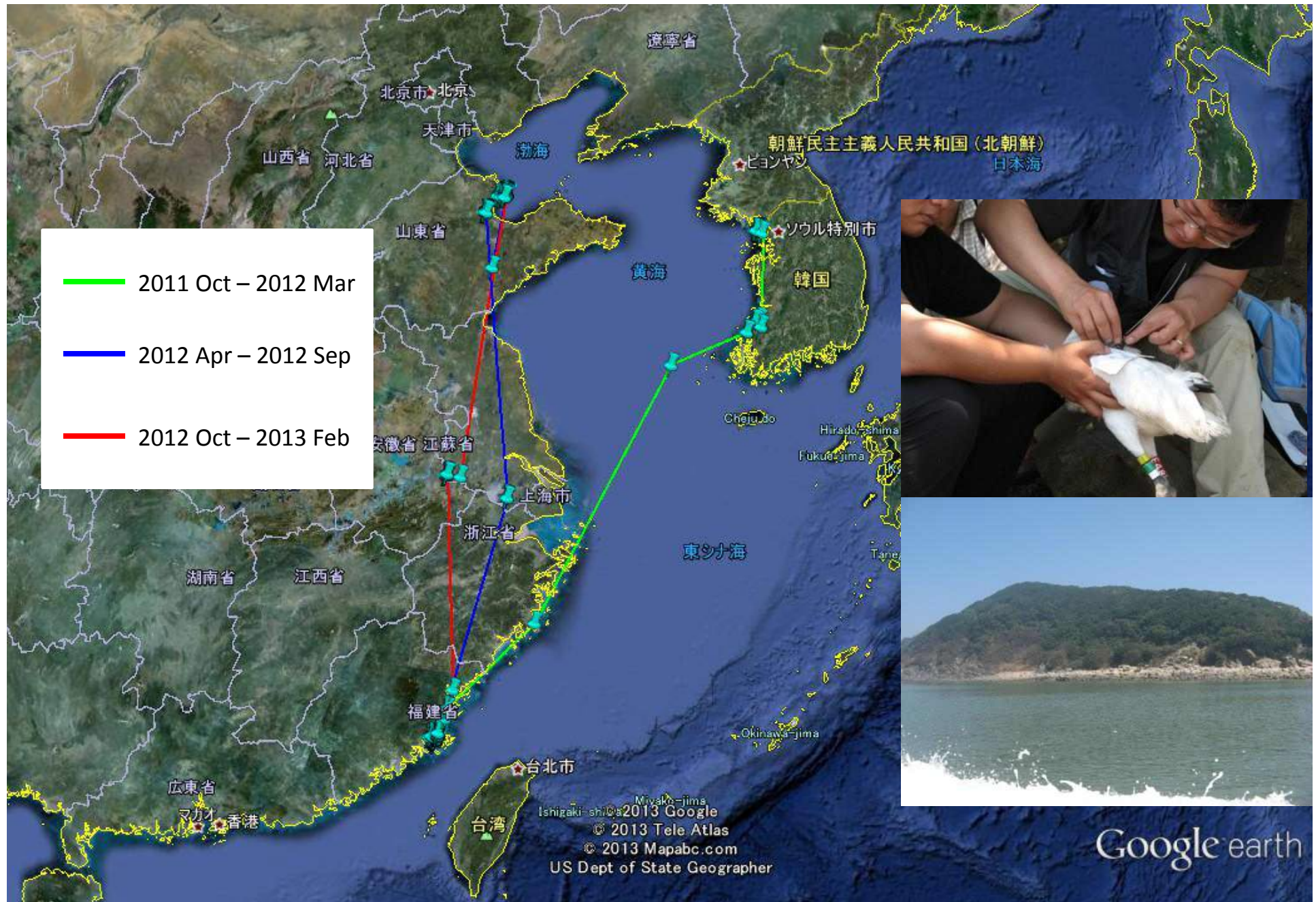


Center for Biodiversity, National Institute, of Science Academy, D.P.R. Korea.

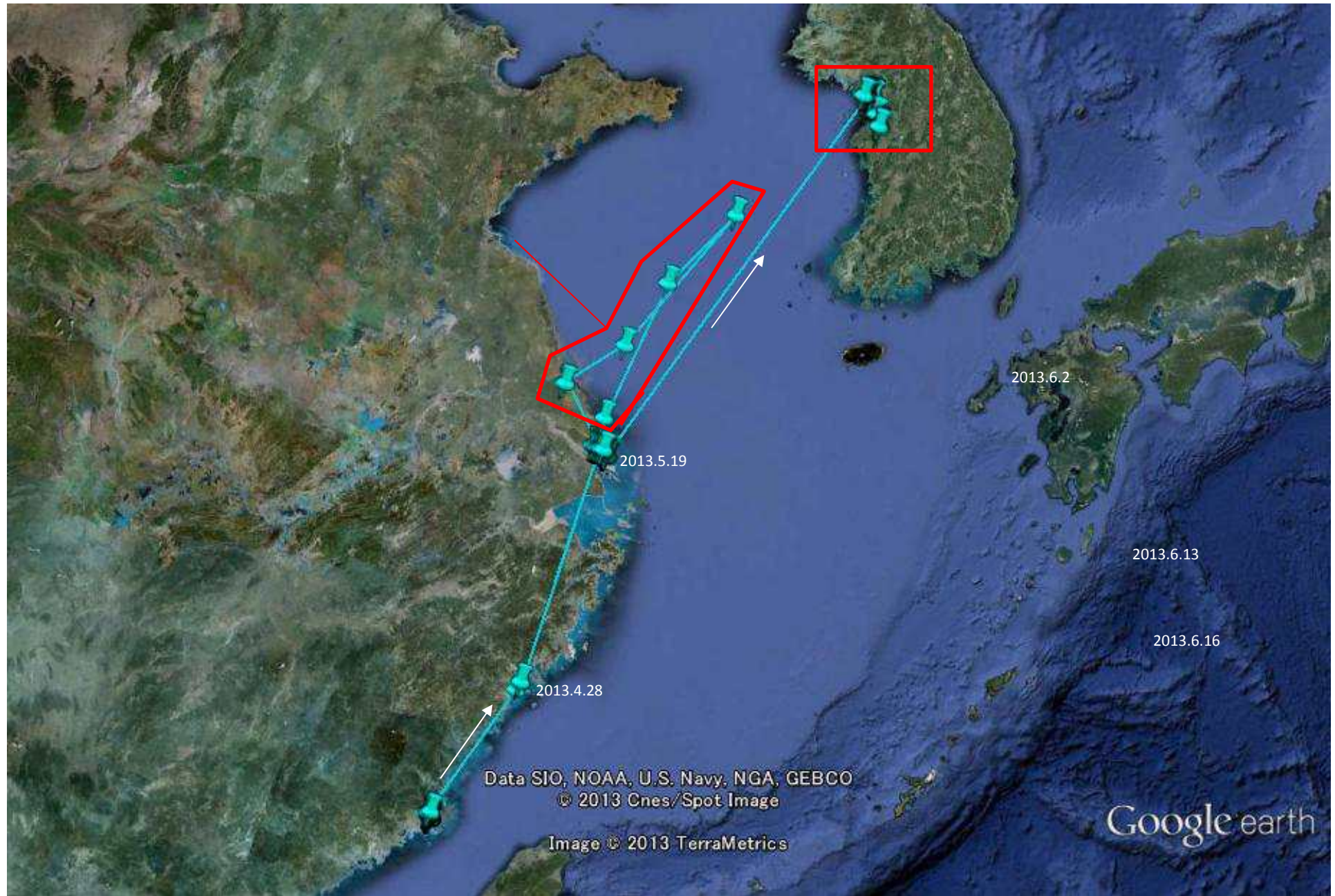
Image © 2013 Terr
Image © 2013 Digi
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Photos by Cho Hyong-Ju, Kyushu University

E48 📌 stayed at Shandong during the summer.



E48 📌 returned to his breeding site in 2013





**S21 attached on July, 2013 at
Gujido, Yeonpyeong do**



5 individuals attached during 20011& 2013

| Year 2011 | | | |
|------------------|------------|------------|-----------|
| Argos ID | Indiv. No. | Leg Band | Island |
| 67938 | E37 | YBY | Gaksian |
| 67939 | E48 | YGW | Soemando |
| Year 2012 | | | |
| 114528 | E75 | GYG (dead) | Chilsando |
| Year 2013 | | | |
| 114528 | S08 | OW | Chilsando |
| 130144 | S21 | ROR | Gujido |

