

**Satellite Tracking Report from North-West Australia 2019**  
**Number 21**  
**27.12.19**

**ORIENTAL PRATINCOLE**  
**22/12/19**  
Grace Maglio

**“It is absolutely marvellous the way these satellite-tagged Oriental Pratincoles continue to come up with surprises.” Clive Minton April 2019**

This morning after checking the data, I would have called Clive and updated him on the progress of this project. It is likely the response to this latest update would have also contained the words ‘absolutely marvellous’ and then we would have talked about ongoing/future work. How I miss our chats.

So, the great news is SEC is back in Northern Australia around Lake Argyle, 60 km south of Kununurra, Western Australia. SHE has reached the Australian shoreline overnight, on the Legune Coastal Floodplains in the Northern Territory and SEP seems to once again fly ‘under the radar’ and surprises us with another possible location after further low-quality data was received. Interestingly, SEP may well be around Lake Argyle too. It is due to SEP’s intermittent signals that we are still not quite giving up on SUN in Taiwan and a possible return to Australia.

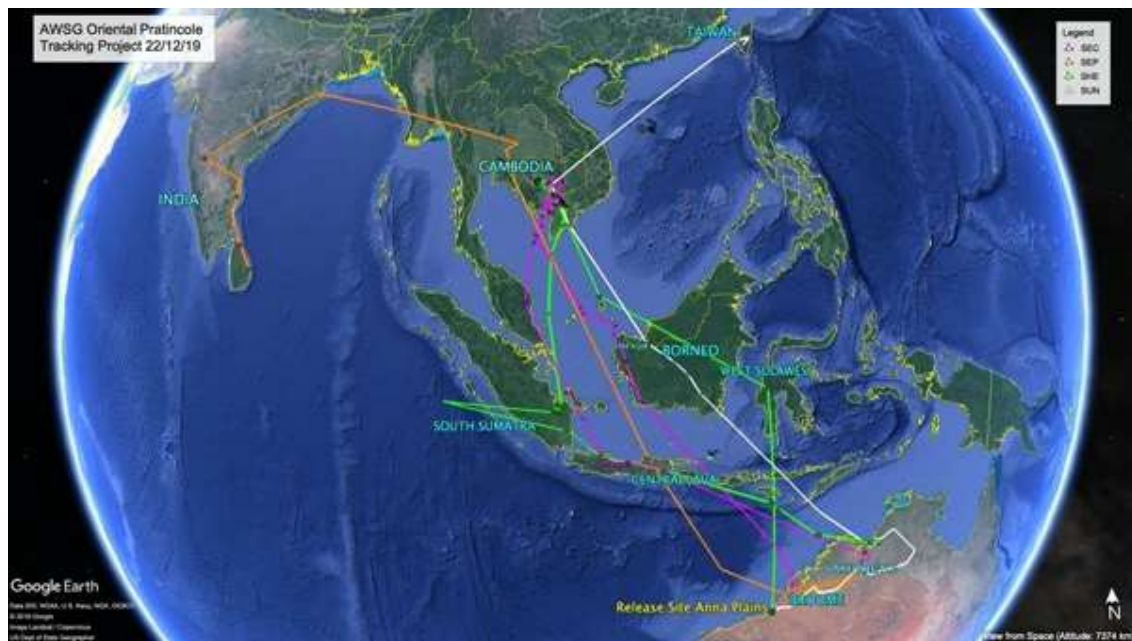


Figure 1 – Tracks of Oriental Pratincole 22/12/19

## SEC (PTT 83596) – First back to Australia.

SEC reached the shores of Northern Australia on December 9th, moving to a location 70 km east of Lake Argyle the next day. Two days later it moved to the banks of Lake Argyle remaining in this area at the time of this report.

Departing Anna Plains on February 26th, 2019 and with its breeding site in Cambodia, this makes a total return trip of over 8000 kms.



Figure 2 – SEC 20/12/19 – Currently around Lake Argyle, 850 km from the Eighty Mile Beach release site.



Figure 3 – SEC, recovering from its long flight on the banks of Lake Argyle.

**SHE (PTT 83595) – 2000 km in less than 48 hours**

SHE left Central Java in the early hours of December 20th arriving on the shores of the Legune Coastal Floodplain, Northern Territory in the last hour of December 21st, covering a distance of approximately 2000 km. It is interesting that both SEC and SHE have taken a circular route around Southeast Asia, both making short stops in Central Java on southward migration before making landfall.

The Legune Coastal floodplain was also the final Australian site for SUN before heading north towards Taiwan.

SHE is currently 980 km north east of the Eighty Mile Beach release site and has completed an 8700 km round trip.



Figure 4 – SHE 21/12/19, from Central Java to the Australian mainland in less than 48 hours.

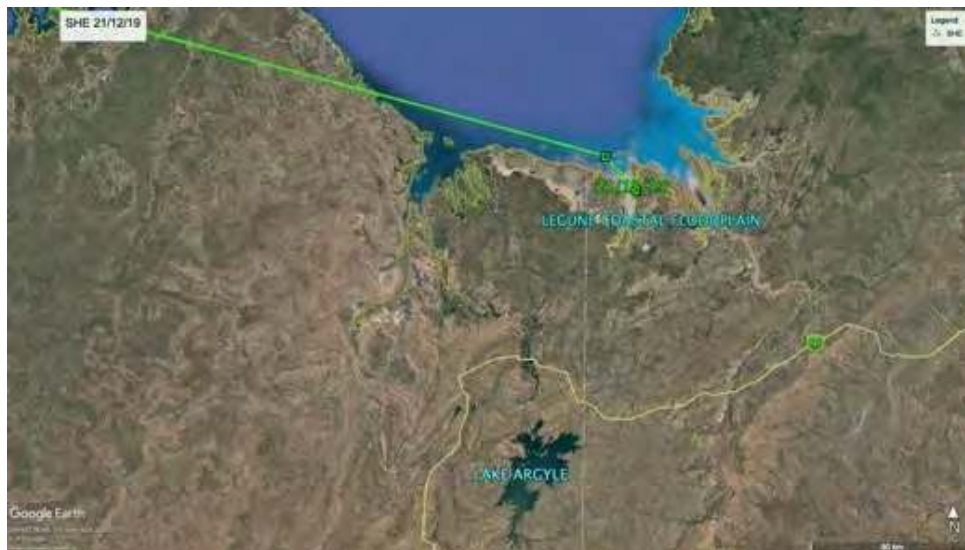


Figure 5 – SHE 21/12/19 – SHE's current location, Legune Coastal Floodplain.

## SEP (PTT 83593) – Flying “under the radar”

By Grace Maglio and Subbu Subramanya

After very limited, inaccurate data in mid-November showing that SEP may have travelled to South Sumatra, we once again received more poor-quality data on the December 20th suggesting SEP is now north of Lake Argyle. It is unfortunate that the PTT is not providing the same quality data as SEC and SHE, missing the opportunity of discovering SEP’s route and timing of its flight south. Regardless, after a breeding attempt in India, SEP as completed an extraordinary return trip of over 13,000 km, 5000 km more than its Cambodian breeding counterparts.



Figure 6 – Poor quality data showing that SEP is likely around the Lake Argyle region.



Photo 1 - SEP on the breeding grounds in India (credit: S. Subramanya)

**SUN (PTT 83591) – Just for the record**

By Grace Maglio and Chung-Yu Chiang

Still no signals at all from SUN since the 1st September.

In the very slim hope that we may receive some data, this map will remain on this final page for a little longer.



Figure 7 - SUN – Still no accurate readings. Pinned area marks probable location from last reading (low accuracy) 1/9/19.



Photo 2 – Oriental Pratincole in west Taiwan (Credit: Chung-Yu Chang)

**What next? – the story so far.**

With northward migration occurring around late February, there is little time for recovery before migration commences once again as the birds fuel up for their next northward flights.

At the time of this report, SEC, SHE and (probably) SEP are all in the Lake Argyle region within 200 km of each other. In the late November early December period I was alerted by colleague, Amanda Lilleyman of some reports of flocks of Oriental Pratincole flying south-west over Humpty Doo in Darwin, Northern Territory.

Past observations at Anna Plains Station saw very large numbers of Oriental Pratincole coinciding with huge numbers of locusts. These insect blooms typically occur soon after rain and as yet insect numbers on the station are still low due to the lack of sufficient rain (D. Stoate pers. comm).

Unlike the more predictable behaviour of the coastal dependant waders that more or less utilise the same roosts and foraging areas, it will be interesting to see what movements the Oriental Pratincole make between now and February as the wet season rains bring about the right conditions for insect breeding.



Figure 8 – SHE, SEP and SEC all within 200 km of each other with some independent observations of large flocks of Oriental Pratincole flying south west over Humpty Doo, Darwin.

**Table 1 - Dates and flight distance – accurate location data only (analysis pending)**

ELF	DATE DEPART AUSTRALIA - approx.	DATE Mainland South East Asia- approx.	DATE AT BREEDING GROUNDS - approx.	Approximate Flight Distance (km)
SEA	SHED/DEAD 9/2/19	N/A	N/A	N/A
SUN	8/3/19	30/3/19	18/4/19- 26/6/19	4800
SEP	4/3/19	20/3/19	22/4/19 – 14/7/19	13,000
***SHE	16/2/19	20/2/19	22/2/19 - 1/6/19 and 2/6/19 – 12/9/19	8700
SEC	26/2/19	20/3/19	20/3/19 – 28/5/19	8400

**\*\*\* Two breeding attempts in different locations within Cambodia**



Photo 3 – Release of Oriental Pratincole, Eighty Mile Beach, 42 km south of Anna Plains Station, Western Australia (credit: Gary Matthews)

**Whimbrel – Good day, LA!** (by Katherine Leung)

I receive the following news from Nigel Jackett (previous BBO warden) in early December:

*Nigel: I just wanted to let you know that Nyil (BBO warden) saw LA during our shorebird counts on 80MB on 25 November between 40-45km south. He didn't realise it was sat tagged so unfortunately can't comment on the state of the tag, but clearly all is well!*

*Katherine: Wao~~~ Good work finding LA! and good to know it is doing well. I might write a few lines about this in the next update.*

*Nigel: I know, pretty cool! I was actually in the car with him scanning the knots and didn't realise he'd seen it until we'd left the flock! I said "LA has a sat tag!", but he admitted he hadn't noticed it. Oh well, great it's still going!*

So, these are the few lines. Pretty cool!

Migration summary of Whimbrel LA (as of 27 Dec 2019):

No. of days since transmitter deployment	No. of days since arrive back in Australia (2019)	Count-down to next migration season (estimated)
1,048 days	77 days	120 days