

Lane, Jim

From: Pinder, Adrian
Sent: Saturday, 26 April 2014 12:40 PM
To: Lane, Jim; Kealley, Ian
Cc: Jackson, Jennifer; Pieterse, Johannes
Subject: RE: Parcel

Follow Up Flag: Follow up
Flag Status: Flagged

Thanks Jim, it was me that suggested that Reece send it to Brian. Shows how much we need more survey for these things when something known only from Carey turns up at a well known lake such as Ballard, that admittedly has rarely been sampled when flooded. Interestingly, the only previous identification of *Parartemia* from Ballard was of the much more common *P. informis* in 1978 (Mike Geddes from SA). Its unusual to have two species of these iin the same lake at the same time, but they may partition the hydrological/salinity spectrum. Its a big lake of course so perhaps there are both species. Or there may have been a change in species over the 35 years - they're probably spread by birds.

Adrian.

From: Lane, Jim
Sent: Saturday, April 26, 2014 11:31 AM
To: Kealley, Ian; Pinder, Adrian
Cc: Jackson, Jennifer; Pieterse, Johannes
Subject: FW: Parcel

Thanks Ian. Very useful info on several fronts. I have forwarded to AP as he will also be keenly interested. Regards. Jim.

From: Kealley, Ian
Sent: Friday, 25 April 2014 7:00 AM
To: Jackson, Jennifer; Pieterse, Johannes; Lane, Jim
Subject: FW: Parcel

FYI,

Jennifer Please let others know who may be interested

Ian Kealley
Regional Manager DPaw Goldfields
PO Box 10173, Kalgoorlie WA 6433
Office - 32 Brookman St, Kalgoorlie
Ph 9080 5555 Mob 0417979904 Fax 9021 7831 ian.kealley@dpaw.wa.gov.au<<mailto:ian.kealley@dpaw.wa.gov.au>>
[cid:image003.png@01CF6053.F3F9CC20]

From: Reece Pedler [<mailto:reece.pedler@deakin.edu.au>]
Sent: Thursday, 24 April 2014 10:16 AM
To: Brian Timms
Cc: Pinder, Adrian; bindy@actis.com.au<<mailto:bindy@actis.com.au>>; Kealley, Ian; 'Lynn Pedler'
Subject: RE: Parcel

Many thanks Brian

Madonna Tits –fantastic!

Yes please to do lodge some of these with the WA Museum. I'll collect some *P. minuta* from Lake Torrens also and I'll keep an eye out for any large fairy shrimps.

Regards, Reece

From: Brian Timms [mailto:brian.timms@unsw.edu.au]
Sent: Thursday, 24 April 2014 11:22 AM
To: Reece Pedler
Cc: Adrian.Pinder@dpaw.wa.gov.au<mailto:Adrian.Pinder@dpaw.wa.gov.au>;
bindy@actis.com.au<mailto:bindy@actis.com.au>
Subject: RE: Parcel

Reece,

Your Lake Ballard specimens are *Parartemia bicorna*. The female is immature so was difficult to identify, but just possible, but the male easily fits the key. As far as I am aware this is the only brine shrimp with a common name --- Madonna Tits. This refers to the frontal processes as shown in the attached picture which bear a likeness to a certain costume Madonna once wore which projected her mammaries to two prominent points.

Seriously, this is an extension of the distribution for this species. Previously it was known only from Lake Carey. So your specimens are important and should be lodged in the WA Museum. Can I do this for you?

Yes please collect a few *P. minuta* from Lake Torrens and I will lodge them in the SA Museum. It is important for prosperity to have such specimens securely curated. Keep a watch out for much larger fairies ---- I suspect something like *Branchinella buchananensis* or new occasionally lives in this lake. Bill Williams found such beasts in the 1988 filling, but the specimens were never sent to a museum and are now lost.

Thanks for bringing these specimens to my attention.

Brian

From: Reece Pedler [reece.pedler@deakin.edu.au]
Sent: Wednesday, 23 April 2014 7:13 PM
To: Brian Timms
Subject: RE: Parcel
That is a relief Brian - thanks!

I spent today out on Lake Torrens at a newly initiated Banded Stilt breeding colony. The water was absolutely teeming with Brine Shrimp - *Parartemia minuta* I assume, based on ID by Mike Geddes of some samples taken from the same site 2 years ago. Let me know if you'd like any samples of these animals for your own purposes.

The stilt have begun breeding from just a tiny amount of water after we received ~35 mm here a fortnight ago.

Cheers, Reece

From: Brian Timms [mailto:brian.timms@unsw.edu.au]
Sent: Wednesday, 23 April 2014 9:52 AM
To: Reece Pedler
Subject: Parcel

Reece,

We can breath a sigh of relief ---your parcel arrived this morning. This is 15 days after you posted it! I shall be complaining to Aust Post for their lousy servcie. Hopefully I will have an ID for you tomorrow.

Brian

Important Notice: The contents of this email are intended solely for the named addressee and are confidential; any unauthorised use, reproduction or storage of the contents is expressly prohibited. If you have received this email in error, please delete it and any attachments immediately and advise the sender by return email or telephone.

Deakin University does not warrant that this email and any attachments are error or virus free.

Important Notice: The contents of this email are intended solely for the named addressee and are confidential; any unauthorised use, reproduction or storage of the contents is expressly prohibited. If you have received this email in error, please delete it and any attachments immediately and advise the sender by return email or telephone.

Deakin University does not warrant that this email and any attachments are error or virus free.