

From: Keith Briffa <k.briffa@uea.ac.uk>
To: Rashit Hantemirov <rashit@ecology.uran.ru>
Subject: Re[3]: Stephen McIntyre
Date: Tue Feb 3 14:30:38 2004

Rashit

thanks for these - I think you are making magnificent progress , and I wish you the very best . I would like to see the information you mention if you do not mind . It would be useful to compare with the long density data.

cheers again

Keith

At 07:20 PM 2/3/04 +0500, you wrote:

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Dear Keith,

attached manuscript concerning frost and light rings has been submitted to Paleo3 special issue (PAGES conference in Moscow in 2002). I'm still waiting for final decision.

Meantime we prepare next version of extremes reconstruction (on the base of Yamal data only) for the last 2100 years using frost, light, missing and very narrow rings. Unfortunately, I could not find time to prepare even draft version of this paper. I can send to you the picture and list of the "extreme" years for this period, if you are interested. Now analysis is going on, little by little. Most probably, we will prepare for publication data for longer reconstruction (up to 4000 years).

As to tree-line reconstruction, we have almost no progress. To get more reliable reconstruction we need more samples from sites northwards of 68°N. In 2002 we have sampled subfossil wood in this area. However, without success (only 30 samples, only 5 of them I was able to date). Now we have in all 30 dated samples from the area to the north of 68°. Attached .pcx files show reconstructions that have been published before in the local publications. Only one correction we can do after 2002 field season, namely that big shift of tree line took place after 2420 BC. Hope I will succeed finally in dating of rest of samples to improve reconstruction.

Best regards

Rashit Hantemirov

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Monday, February 2, 2004, 7:37:36 PM, you wrote:

KB> Rashit

KB> that sounds great - at least I am happy you are working on the sub fossil
KB> material still. I have done some work comparing the Swedish and Finnish
KB> long series after standard RCS detrending and there is good similarity at
KB> the century timescale for some considerable periods - but significant
KB> differences over some others , even allowing for uncertainty in the
KB> series These are only 300 km separated so this is an interesting
KB> indication of changes in continentality perhaps. I am also interested in
KB> extending the high-frequency density series before 1400 AD , to show
KB> earlier volcanoes , even though the spatial coverage is poor. It would be
KB> interesting to see your extreme year series - do you have a preprint of
KB> your paper? I would really like to get support to continue a wider
KB> collaboration , including other northern long series to produce wide scale
KB> integrated series . What is the latest state of your tree-line
KB> reconstruction , for periods earlier than you showed in the Holocene paper?
KB> I am still hoping such support may come again from Europe.
KB> very best wishes
KB> Keith

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[1][http://www.cru.uea.ac.uk/cru/people/briffa\[2\]/](http://www.cru.uea.ac.uk/cru/people/briffa[2]/)

References

1. <http://www.cru.uea.ac.uk/cru/people/briffa/>
2. <http://www.cru.uea.ac.uk/cru/people/briffa/>