

From: [Scott Allen Jackson](#)
To: [Nelson, Randall](#)
Cc: [Bretting, Peter](#); [Scott, Roy](#)
Subject: Re: Genomic characterization of world soybean germplasm collections
Date: Thursday, January 15, 2015 9:30:28 PM

If you have anyway to contact them, that would be great. They have not responded to any of my emails. I could ask Lijuan if she can try. She seems to have had some connection before.

scott

On Jan 15, 2015, at 9:25 PM, Nelson, Randall
<Randall.Nelson@ARS.USDA.GOV> wrote:

Scott,

We had contact with Dr. Seferova a couple of years ago. We requested and received germplasm from her based on an online search of the Russian collection. Years ago I was told of a very large collection in eastern Russia. I was planning to go there one time when I was in Japan but the connections were terrible so I never made it. It would be very useful to have them involved. I think we should keep trying.

Those weeks are generally OK for me.

Thanks,
Randy

From: Scott Allen Jackson [<mailto:sjackson@uga.edu>]

Sent: Thursday, January 15, 2015 3:16 PM

To: Bretting, Peter

Cc: Nelson, Randall; Scott, Roy

Subject: Re: Genomic characterization of world soybean germplasm collections

Guys, I'm thinking about Seattle. It has an international airport and we can probably get meeting space at the Gates Foundation. I'll send out a doodle poll, but do you have any problems with the weeks of March 23, 30 or April 13?
scott

On Jan 15, 2015, at 9:18 AM, Bretting, Peter

<Peter.Bretting@ARS.USDA.GOV> wrote:

Hi Scott—nice to see you in San Diego, and thanks for the information. I've copied it to Roy Scott, who's the ARS National Program Leader for soybeans and other oilseeds. Roy might be interested in this topic, too.

Yes, international travel is quite problematic for us now, and our domestic travel budgets aren't flush with money, either. A West Coast venue would surely be more attractive for Asian colleagues, some of whom attended PAG this week.

All the best,

Peter

Peter Bretting

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NP_CODE=301](http://www.ars.usda.gov/research/programs/programs.htm?NP_CODE=301)

From: Scott Allen Jackson [<mailto:sjackson@uga.edu>]

Sent: Thursday, January 15, 2015 9:07 AM

To: Nelson, Randall; Bretting, Peter

Subject: Fwd: Genomic characterization of world soybean germplasm collections

Randy/Peter,

I have received positive responses from all invitees, except the Russians. I've emailed twice with no response. Perhaps Putin is screening their email...

Everyone is interested and would like to have a meeting to discuss the issues (including those that Randy raised—though some are governed politically, not by scientists).

I hope that both of you will be able to make it. Do you have any preference on when/where? I assume international travel will be difficult. Would West coast or Hawaii be good? Would be more accessible for the Asians.

Thanks, Scott

Begin forwarded message:

From: Scott Jackson <sjackson@uga.edu>

Subject: Genomic characterization of world soybean germplasm collections

Date: January 4, 2015 at 8:21:21 PM EST

Cc: <JJones@smithbucklin.com>, "Joost, Richard" <RJoost@smithbucklin.com>, Hannes Dempewolf <hannes.dempewolf@croptrust.org>, Peter Wenzl

[REDACTED],
<Peter.Bretting@ars.usda.gov>

To: <i.seferova@vir.nw.ru>, <a-rsri@mail.ru>, 邱丽娟 <qiulijuan@caas.cn>, <rlnelson@illinois.edu>, <Randall.Nelson@ars.usda.gov>, Suk-Ha Lee <sukhalee@snu.ac.kr>, <kaga@affrc.go.jp>, <ishimoto@affrc.go.jp>, Ricardo Abdelnoor <ricardo@cnpso.embrapa.br>, <rakashi@cc.miyazaki-u.ac.jp>

Dear Colleagues,

I'm Scott Jackson from the University of Georgia in the USA. I'm contacting you as persons that have access to or are in charge of germplasm collections in various countries. You may be away of an international initiative to use genomics to characterize crop germplasm collections in order to better curate them and to exploit them for crop improvement (www.divseek.org)

I am wondering if there is interest to organize the soybean community to take advantage of this initiative. We would have to find funding source(s) for data generation, but could work hand-in-hand with Divseek to take advantage of infrastructure

that will be put together to make use of the genomic data

In the US, most of the germplasm collection has been genotyped with a 50K SNP chip. However, this has limitations and sequencing would complement the utility of the data to uncover haplotypes and non-SNP variation. In addition, it would be useful to understand redundancy within and between collections and to better understand the variation among the various collections.

If there is interest, I propose that we organize a workshop/meeting. I don't have money to pay for travel, but we could organize it as inexpensively as possible and possibly raise some money to help coordinate it. Topics might include: interest to characterize collections at the sequence level; sequencing approaches; utility in curation; funding; etc.

If I have contacted the wrong person, or if someone is missing, please forward this email to the

Sincerely,

Scott Jackson

Country Contacts:

Japan

Masao ISHIMOTO

Akito KAGA

Ryo Akashi

China

Lijuan QIU

Russia

Seferova Irina

Soybean Research Institute

Korea

Suk-Ha Lee

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Randy Nelson

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