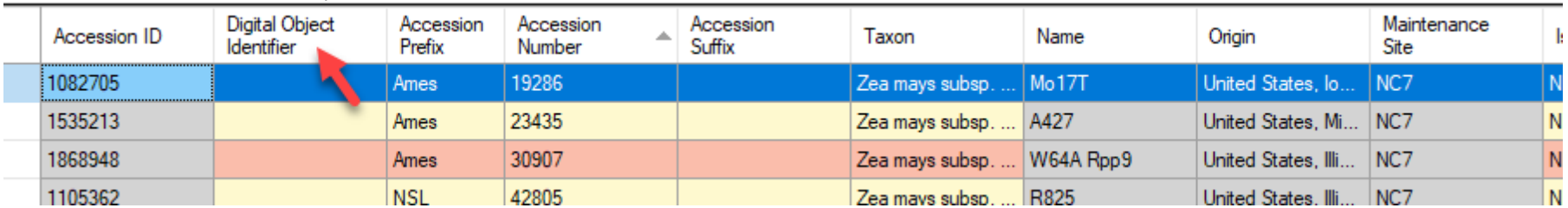
Re: Accession name for DOI

Burke, Lisa <lisa.burke@usda.gov>

Mon 4/10/2023 9:54 AM

To: Carstens, Jeffrey <jeffrey.carstens@usda.gov>;**ARS-MWA-PI-Curators <ARS-MWA-PI-Curators@usda.gov>**

I do not think that there is a plan to use the DOI with NPGS accessions. The Field is there for the international users of GG.



Accession ID	Digital Object Identifier	Accession Prefix	Accession Number	Accession Suffix	Taxon	Name	Origin	Maintenance Site	I
1082705		Ames	19286		Zea mays subsp. ...	Mo17T	United States, Io...	NC7	N
1535213		Ames	23435		Zea mays subsp. ...	A427	United States, Mi...	NC7	N
1868948		Ames	30907		Zea mays subsp. ...	W64A Rpp9	United States, Illi...	NC7	N
1105362		NSL	42805		Zea mays subsp. ...	R825	United States, Illi...	NC7	N

The requested addition of a new name category for the accessions is to associate the DIO that the donor is using for that accession.

ter

ch

list

ict

terms
onditions

nt
Update: 2023-04-09

Detailed information

Back to list

CAL 45

Passport data

DOI:	*10.25642/IPK/GBIS/50043*
Accession numbers:	CAL 45 (D 4764)
Current scientific name:	Calendula stellata Cav.
Biol. status:	Wild
Life form:	unknown
Availability:	unrestricted available
ITPGRFA Annex1 crop:	Unspecified non Annex 1 crop
Acquisition form:	unknown
Acquisition date:	1988
Genebank subcollection:	AUG

DOI associated with the donated

Publications to scientific name

Accession names

Geographic data

Donor

Expedition

Characterisation and Evaluation Data

Search Results

Add To Query | Clear Query

Accession | Inventory | Inventory Action | Order Request | Order Request Action | Order Request Item | Inventory Viability | Inventory Quality Status | Accession Inventory Name | Accession I

Accession ID	Accession Prefix	Accession Number	Accession Suffix	Taxon	Name
1086063	PI	603114		Calendula stellata	CAL 45/88

Lisa Burke
Seed Storage Manager
Agronomist, USDA, ARS - PIRU
North Central Regional Plant Introduction Station
1305 State Avenue
Ames, IA 50014-1170
Phone: (515) 294-1378
Fax: (515) 294-1903
Email: Lisa.Burke@usda.gov
This electronic message contains information generated by the USDA solely for the intended recipients. Any unauthorized interception of this message or the use or disclosure of the information it contains may violate the law and subject the violator to civil or criminal penalties. If you believe you have received this message in error, please notify the sender and delete the email immediately.

From: Carstens, Jeffrey <jeffrey.carstens@usda.gov>
Sent: Saturday, April 8, 2023 8:40 AM
To: Burke, Lisa <lisa.burke@usda.gov>; ARS-MWA-PI-Curators <ARS-MWA-PI-Curators@usda.gov>
Subject: Re: Accession name for DOI

Thanks Lisa. Your continued efforts to improving GG operations in the NPGS is greatly appreciated.

How does this new field differ from the currently existing DOI field in the ACC table and how would NPGS employees use these two fields synonymously or differently? If there's two, how would the PW portray one or both of these to the public? If multiple DOI must be or are listed for an accession, how would the requestor correctly publish in a journal the correct DOI when distributing a specific inventory? I assume the order packing list will need to indicate this. Might there be confusion in the germplasm community when two publications might conflict with different DOI for the same accession number but who received different inventories?

Are there currently DOI applications in the PW that reflect or provide a viable link for accessions with DOI?

Discussion during the recent curator meeting indicated that other organizations are utilizing these DOI for separate inventories, but your new proposed ACC/INV name category reflects (based on the name) at only the accession level and not inventory. Will there be a need/requirement at the INV level (in the field name) despite the ability to tag names with INV?

If we are going towards using these DOI I'd suggest a SOP (maybe one already exists?) be drafted prior to creation of any new fields related to these, especially if we are providing DOI received from other institutions/agencies.

What regulations, restrictions, necessary paper trails (orders for samples with DOi), reporting requirements might need to accommodate PGR with DOI?

At what point is a DOI no longer associated with an accession/inventory where E.G. the viability has dropped dramatically and the resulting increase is extremely bottlenecked or the specific alleles that originally were key to the accession no longer exist? Would DOI numbers potentially be flipped/considered historic? Would we as curators need to get DOI for each inventory when received or increased or are we only doing this for germplasm received w DOI?

If I understand correctly this push for using DOI is to seek a single identity (yet it is explained per PGRFA, that a new DOI is assigned if germplasm is transferred and added to another institution's collection - which would contradict in us listing a DOI provided by someone else, right?) for something that gets shared across the world/exchanged with other gene banks. However I would point out that the linking of germplasm has historically failed to conform to high standards by listing secondary identifiers and the issue will always persist and what we will eventually see is lots of DOI (deemed duplicates?) for the same entity. Personally this is a prime example of the clashing of policymakers who likely aren't aware of the actual logistics and reality of PGR curation and the sharing of PGR.

Another foreseeable concern I have is that the recognition of a genebank and a given accession number will likely go unrecognized as the main recognition would conform to listing the DOI and not the accession number nor which genebank it originated.

As we all know, the germplasm community has dramatic variation in levels of standards and the sharing of germplasm across multiple repositories will always be occurring. In addition, the timing of database entry varies across genebanks eg accession assignment of Ames 36027 which was added to GRIN the day it was collected VS I can point to lots of accessions that I've transferred to other sites where assignment on GG took years (I think DPRU 2955 took 8 years to get on GG). So like with so many accessions I've received from a collector/breeder who also shared with 10 other genebanks, will the DOI registration agency (GLIS) provide/create multiple DOI for a single entity? Yes of course they would! Would we be alerted about it? Of course not! If we did, would we be required to list all 10 DOI?

This topic sort of relates to the recent "true to type" labeling of accessions/inventory by Gayle Volk, which to me suggests a legal guarantee/certification to the requestor for which if a mistake does occur potentially we would be deemed liable.

My two cents. Thanks. Jeff

Get Outlook for iOS

From: Burke, Lisa <lisa.burke@usda.gov>
Sent: Thursday, April 6, 2023 10:28:37 AM
To: ARS-MWA-PI-Curators <ARS-MWA-PI-Curators@usda.gov>
Subject: Accession name for DOI

Please review the new accession name in the attached spreadsheet. Send title (what you will see in the CT and the PW) and the description suggestion to me by COB Monday. I will the create a ticket and have the GG AdCom review and vote on it.

Lisa Burke
Seed Storage Manager
Agronomist, USDA, ARS - PIRU
North Central Regional Plant Introduction Station
1305 State Avenue
Ames, IA 50014-1170
Phone: (515) 294-1378
Fax: (515) 294-1903
Email: Lisa.Burke@usda.gov
This electronic message contains information generated by the USDA solely for the intended recipients. Any unauthorized interception of this message or the use or disclosure of the information it contains may violate the law and subject the violator to civil or criminal penalties. If you believe you have received this message in error, please notify the sender and delete the email immediately.