

# Pomegranates in the National Clonal Germplasm Repository, Davis, California

A very special THANK YOU to  
**Jeff Moersfelder** who provided the  
images and narrative.

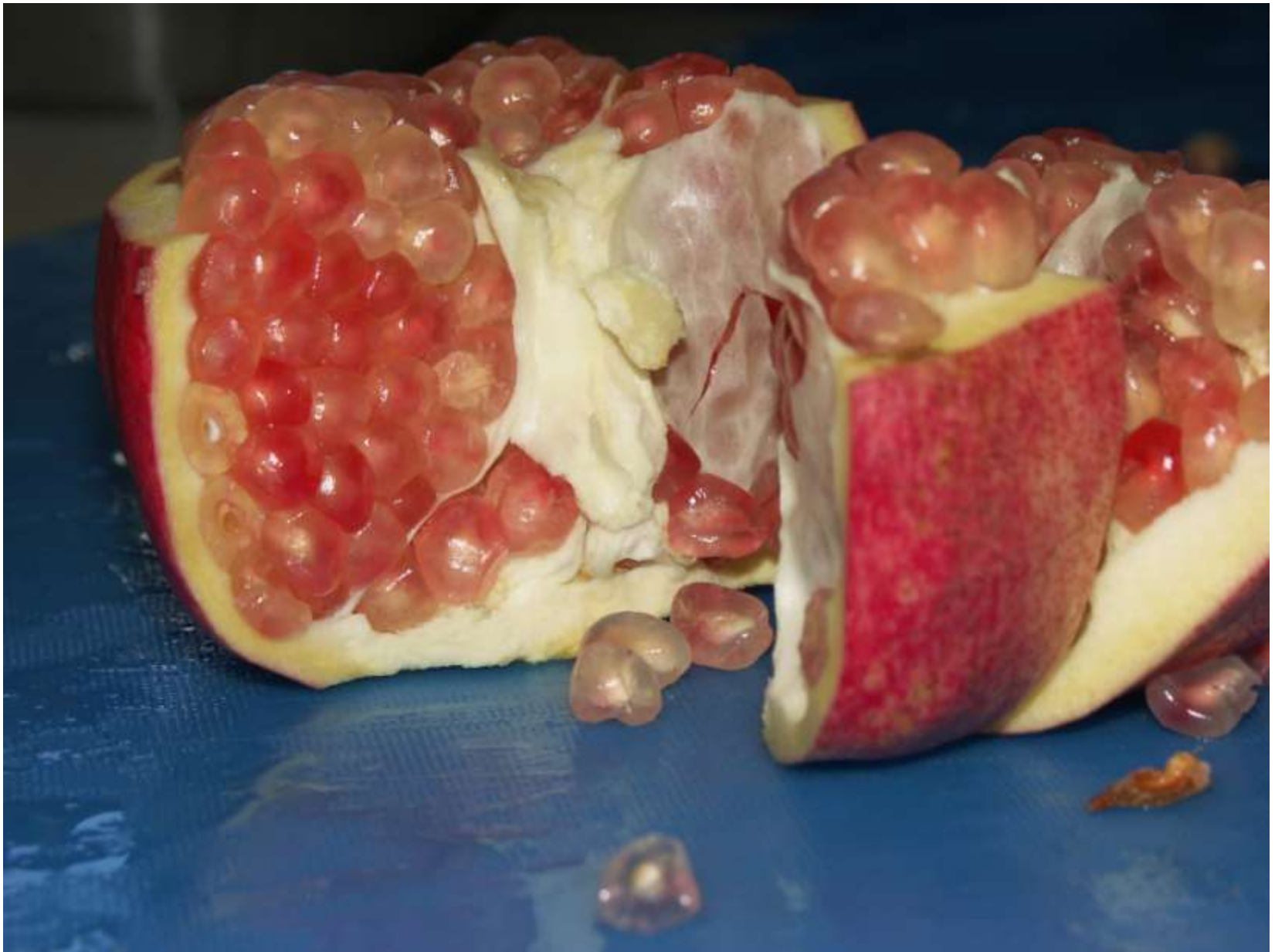
# **Soft Seeded Types**

# DPUN 0082 'Sin Pepe'



- This variety originally came to the Davis repository from the Chico, California plant introduction station. It also goes by the names "Pink Ice" and "Pink Satin".
- This is a sweet type with medium sized fruit, pink speckled rind, medium sized light pink to rose colored arils, with extremely soft seeds. Good for fresh eating, with sweet mild fruit flavor that is best if fruit are left on the tree until October even though they are ripe earlier.
- Fruit harvested on October 10<sup>th</sup>, 2006 had Brix = 16.5, TA = 0.3% (tartaric acid).







# DPUN 0109 'Medovyi Vahsha'



- This variety came from Dr. Gregory Levin when he was stationed at the Turkmenistan Experimental Station of Plant Genetic Resources, Garrygala. Its name means “honey”.
- It is a sweet type with medium sized fruit, pink/red rind, medium sized dark red arils, with extremely soft seeds. Good for fresh eating, with a sweet mild fruit flavor. It is particularly desirable due to its combination of being sweet, soft seeded and pink/red.



# DPUN 0151 'Sirenevyi'



- This variety came from Dr. Gregory Levin when he was stationed at the Turkmenistan Experimental Station of Plant Genetic Resources, Garrygala.
- This is a sweet type with medium to large sized fruit, with tan, blushed in pink rind, medium sized dark red arils, with soft seeds. It is a late variety that is good in October but best in flavor and color in early November. It is excellent for fresh eating with a complex flavor. It has done very well at taste tests.
- Fruit harvested on October 28th, 2008 had Brix = 15.2, TA = 0.22% (citric acid).





# DPUN 0015 'Parfianka'



- This variety came from Dr. Gregory Levin when he was stationed at the Turkmenistan Experimental Station of Plant Genetic Resources, Garrygala. Levin named this variety based on the name of the ancient oriental empire, Parfijia, located where Garrygala now stands.
- It is a sweet-tart type, with medium to large sized fruit, red rind, medium large sized dark red arils, with very soft seeds. It has an excellent balance of flavor. It has consistently done very well at taste tests and is excellent for fresh eating or juice.
- Fruit harvested on October 21st, 2008 had Brix = 15.23, TA = 1.04% (citric acid).









# DPUN 0107 'Gissarskii Rozovyi'



- This variety came from Dr. Gregory Levin when he was stationed at the Turkmenistan Experimental Station of Plant Genetic Resources, Garrygala
- It is a sweet-tart type, with good balanced flavor and medium to large sized fruit. Pink and yellow rind with medium large arils and soft seeds.



# DPUN 0139

## ‘Myagkosemyannyi Rosovyi’



- This variety came from Dr. Gregory Levin when he was stationed at the Turkmenistan Experimental Station of Plant Genetic Resources, Garrygala
- It is a sweet-Tart type, with good flavor and medium to large sized fruit. Pink and yellow rind with medium large arils and soft seeds. Citrus flavored (grapefruit).



# DPUN 0125 'Ariana'



- This variety came from Dr. Gregory Levin when he was stationed at the Turkmenistan Experimental Station of Plant Genetic Resources, Garrygala
- It is a sweet-Tart type, with great flavor and medium to large sized fruit. Red rind with dark red arils and very soft seeds.
- Produced very large, balanced flavored fruit in 2008. Top performer in 2008 (very hot fall).
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# DPUN 0128 'Molla Nepes'



- This variety came from Dr. Gregory Levin when he was stationed at the Turkmenistan Experimental Station of Plant Genetic Resources, Garrygala
- It is a sweet-Tart type, with great flavor and medium to large sized fruit. Red rind with dark red arils and very soft seeds.







**Medium Soft to Medium  
Seeds**

**“In Between” Types  
Fresh Eating or Juice**

# DPUN 0081 'Wonderful'



- California industry standard variety.
- It is a sweet-tart type with medium to large sized fruit, red rind, medium sized dark red arils, medium soft seeds and a definite astringency giving it a wine like character. It has excellent flavor and color. It is good for fresh eating and for juice.





# DPUN 0056 'Purple Heart'



- Developed by John Chater in Camarillo, California.
- It is a sweet to sweet-tart type with medium to large fruit, red rind, medium to large sized dark red arils, and medium soft to medium seeds. It has good fruit flavor and color. It is good fresh eating and for juice.
- Minimal splitting and excellent holding ability off the tree.
- Fruit harvested October 28th, 2008 had Brix = 15.8, TA = .92% (citric acid).









# DPUN 0167 'Ink'



- This variety originally came to the Davis repository from the Chico, California plant introduction station. It is from our “old block”.
- It is a sweet-tart type with medium to large sized fruit, dark red rind, medium sized arils, with medium seeds. Good flavor.
- Shared best pomegranate rating in 2008 with ‘Ariana’



# DPUN 0066 ‘Kara Bala Miursal’



- This accession came to the Davis repository from the USDA/ARS Southeastern Fruit and Tree Nut Research Lab in Byron, Georgia from Michael Hothchkiss. Originally from Azerbaijan.
- This is a sweet-tart type with medium to large fruit, speckled pink/red rind, medium-large sized dark red arils, with medium seeds that “pop” when you chew them. Good fresh eating with jam like flavor but probably best for juice due to harder seed.



**Medium Hard to Hard Seeds**

**Juice Types**

# DPUN 0060 ‘Al Sirin Nar’



- This accession came to the Davis repository from the USDA/ARS Southeastern Fruit and Tree Nut Research Lab in Byron, Georgia from Michael Hothchkiss. Originally from Azerbaijan or Turkmenistan.
- This is a sweet-tart type with large fruit, red rind, large sized dark red arils, and very hard seeds. It has good fruit flavor with citrus/floral notes and excellent color. This variety is very productive from a young age and is best suited to juice.

# DPUN 0155 'Kara Gul'



- This variety came from Dr. Gregory Levin when he was stationed at the Turkmenistan Experimental Station of Plant Genetic Resources, Garrygala
- It is a sweet-Tart type, with good flavor and medium to large sized fruit. Dark red rind with dark red arils and medium hard seeds.
- Darkest variety in collection. Name means dark red / black flower.



# Ornamental Varieties



**DPUN 0007 'Haku Botan'**



**DPUN 0009 'Ki Zakuro'**



**DPUN 0017 'Dotch Legrelley'**



**DPUN 0011 'Toryu Shibori'**

**DPUN 0001**  
**'Double Red White'**

Came into the collection pre 1990





# **DPUN 0009 'Ki Zakuro'**

This accession was collected by the National Arboretum from the Shibamichi Nursery in Saitama, Japan in November of 1985. The Davis, NCGR received this accession June of 1990.



# **DPUN 0011 'Toryu Shibori'**

This accession was collected by the National Arboretum from the Shibamichi Nursery in Saitama, Japan in November of 1985. The Davis, NCGR received this accession June of 1990.









# **DPUN 0010 'Nochi Shibori'**

This accession was collected by the National Arboretum from the Shibamichi Nursery in Saitama, Japan in November of 1985. The Davis, NCGR received this accession June of 1990.





# DPUN 0007 'Haku Botan'



- This variety came from Shibamichi Nursery in Saitama, Japan. It is grown primarily for its highly ornamental double white flowers.
- It is an extremely tart type, with medium to large sized fruit, yellow rind, medium sized clear to yellow tinted arils, with hard seeds. It is bracingly tart but mellows after some time in the refrigerator. Its flavor is lemon-like with a hint of “pineapple lifesaver”. It is good in a juice blend when more acidity is desired.
- Fruit harvested on October 21st, 2008 had Brix = 15.7, TA = 2.09 (citric acid).







# **DPUN 0017 'Dotch Legrelley'**

This accession was collected September of 1995 by Dr. George White and Dr. Dan Parfitt from the Turkmenistan Experimental Station of Plant Genetic Resources, Garrygala. It was developed and selected prior to 1995 in Azerbaijan by A.D. Strebkova.











# WEO 42

This tree is part of the “old block” of pomegranates west of the vineyard at the Wolfskill Experimental Orchard. This tree originally came from the Chico, CA Plant Introductory Station.















# **DPUN 0019**

## **‘(C)Hydranar X Kirmizy Kabuh’**

This accession was collected September of 1995 by Dr. George White and Dr. Dan Parfitt from the Turkmenistan Experimental Station of Plant Genetic Resources, Garrygala. It was developed and selected prior to 1995 in Baku, Azerbaijan. The tree is semi-dwarf (1 – 2m tall) and is the result of a cross between mutant of American dwarf Chico X Kirmizy-Kabuh.





