# Collections Management in the Time of Climate Change APGA, Miami, 9 June 2016 6:15 AM Pacific Time

Tim Thibault
Curator of Woody Collections
The Huntington
(All opinions expressed in this talk...)

### Climate change news that you can use.

(Wine Spectator, 15 June 2016)

#### Climate Change Has Altered French Wine Harvests

ther looking at more than 400 years of hierest and climate. Assa from France and Switzerland, a team of researchers from Harvard University and NASA have concluded that warmer temgrape harvers in those countries more than 10 days ear-Ber in recent years than in the period from 1600 to 1987-regardless of whether the growing seasons now damp conditions or drought. "It's evidence we have fun-

his wineroken concerned for the future. the surface; a drought, in effect, turns up the east flowering periods and numeration rates.

a dry sommer," said Wolkowich.

The research, sublished March 21 in the in the proving season, a warm namer and a



study co-author Elimbeth Wolkovich, assistant in eight regions—Alsace, Nordeaux, Bargands, might not get a good Bordeaux in the next 50 professor of organismic and evolutionary bioli- Champagne, Languedoc, the lower Loine Vol-- years. Take this forward: We've only experiogy at Harvard. "It used to be that these early less the Southern Rhône Valley and Switzerharvests happened in dry, but years." The thirk ... January Lake Geneva--from 1600 to 2007 to get ... have created and will see in the next 50 to 80 a hig picture view covering a range of climates, wars, and that well have radical consequences In dry soils, less moisture evaposates to cool soil types, sloses and prope varieties with differ- for wine regions."

heat to accelerate ripening in a vineyard. But In assessing vintage natings for Bordesus and tage, when a record deadly heat wave across average temperatures in France climbed about. Borgondy from PRO to 2001, researchers found. Europe resulted in the earliest buryest in the 2.7° F in the 20th century. "What we see See - that higher quality wises have repeally been - study, but vielded moved quality, producing graning in the 1980s is that you to longer need. Inked to early harvests. The best wires came: were exceptional wines and some that were from years with above-overage minfall early unbalanced.

late-season decades or dec conditions that penested a heat spike and shifted the focus of vines from leaf production to grape manustion.

"Temperature is a similarly strong drover for harvest! before and after (1982)," said Wolk-wich, "Whor changes is drought and precipitationthey become much less conpled to harvest after 1980."

cone, castioned Wolkeviche "Climate change is the resson we've had so mamy great

virgages of Bordouer in the damentally shifted the climate waters," said. Assemil Nature Climate Climate Chance, analogod records. Tase 20 to 30 years. It's also the reason was meed a small proportion of the warming we

As an example, she postered to the 2003 vin-

-Dona Nigro

### Collection Management

- Know what stuff you've got
- Know where it is
- Know how it's doing
- Know what other stuff you need
- Do someone, somewhere some good

blatantly plagiarized from National Standards and Best Practices for US Museums, AAM

#### 危機 = 危 + 機 Crisis = Danger + (Opportunity)

## The Danger Is (Usually) Obvious





# **Direct Care of Collections**

Ethics, Guidelines and Recommendations

April 2016

#### Page 4:

 "Deaccessioning, the process of removing an item from a museum's permanent collections, is an accepted collections management practice when it is carried out in accordance with relevant legal constraints, field-wide standards and ethical principles reflected in each museum's policies and procedures."

### Better still, on page 6:

 "Many museum collections contain objects that may no longer have relevance to the museum's mission. All too often, they remain in the collection, using up space and institutional resources."

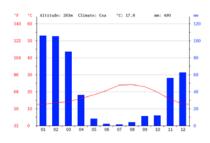
### **Deaccessioning Opportunities**

- 3426 arborescent plants outdoors
- 896 research/conservation value (26.2%)
- 796 historic value (23.2%)
- 30.4% NO SPECIFIC VALUE

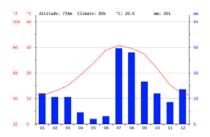
 1040 opportunities to improve collections at A National Treasure (see poster session)

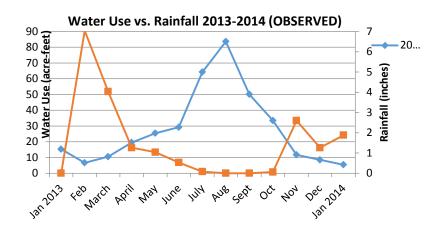
# Collection Development Opportunity (climate-data.org)

#### Pasadena, CA

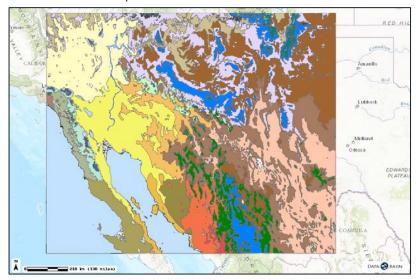


#### Tucson, AZ





#### Brown & Lowe, Biotic Communities of the Southwest



## Lifecycle of an Accession

