

PUBLIC LANDS



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# History and Status of Sahara mustard in Nevada



# Historical Sources of Data

- University of Nevada Las Vegas herbarium
- University of Arizona herbarium
- Arizona State University herbarium
- Lake Mead invasive plant control database
- Weed Sentry program survey database
- Tri-County Weed Control



# Historical Occurrences

- 1968 In Arizona along US 93
- 1977 First collection in Nevada along US 95
- 1978 Ubehebe Crater, Death Valley National Park
- 1979 Beaver Dam, AZ

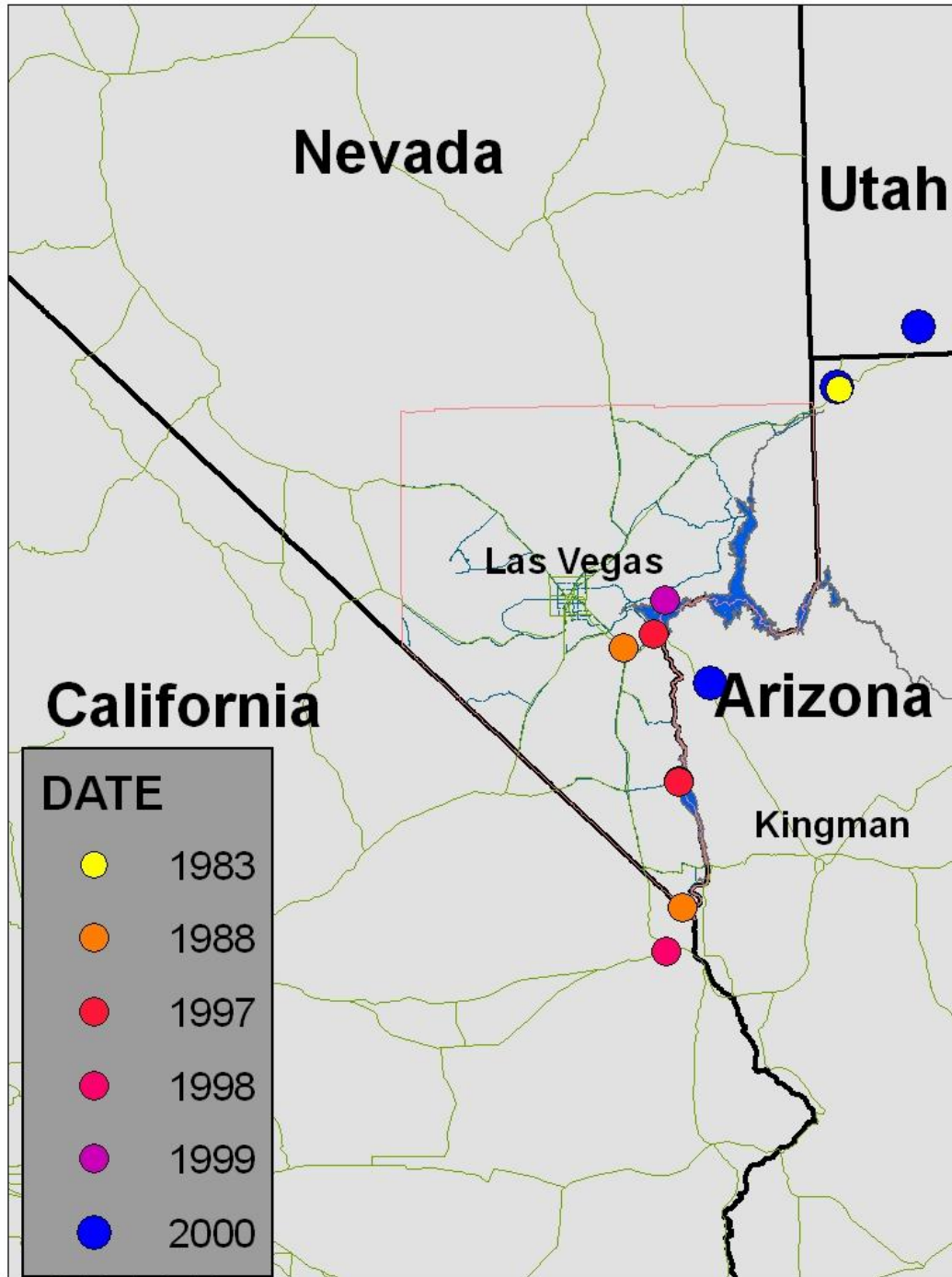




# Historical Occurrences

- 1983 Littlefield, AZ
- 1988 Railroad Pass and Needles HWY, NV
- 1998 Junction of I-40 and US 95, CA
- 1999 Callville Bay, NV
- 2000 Temple Bar, AZ
- 2000 St. George, UT & Beaver Dam, AZ



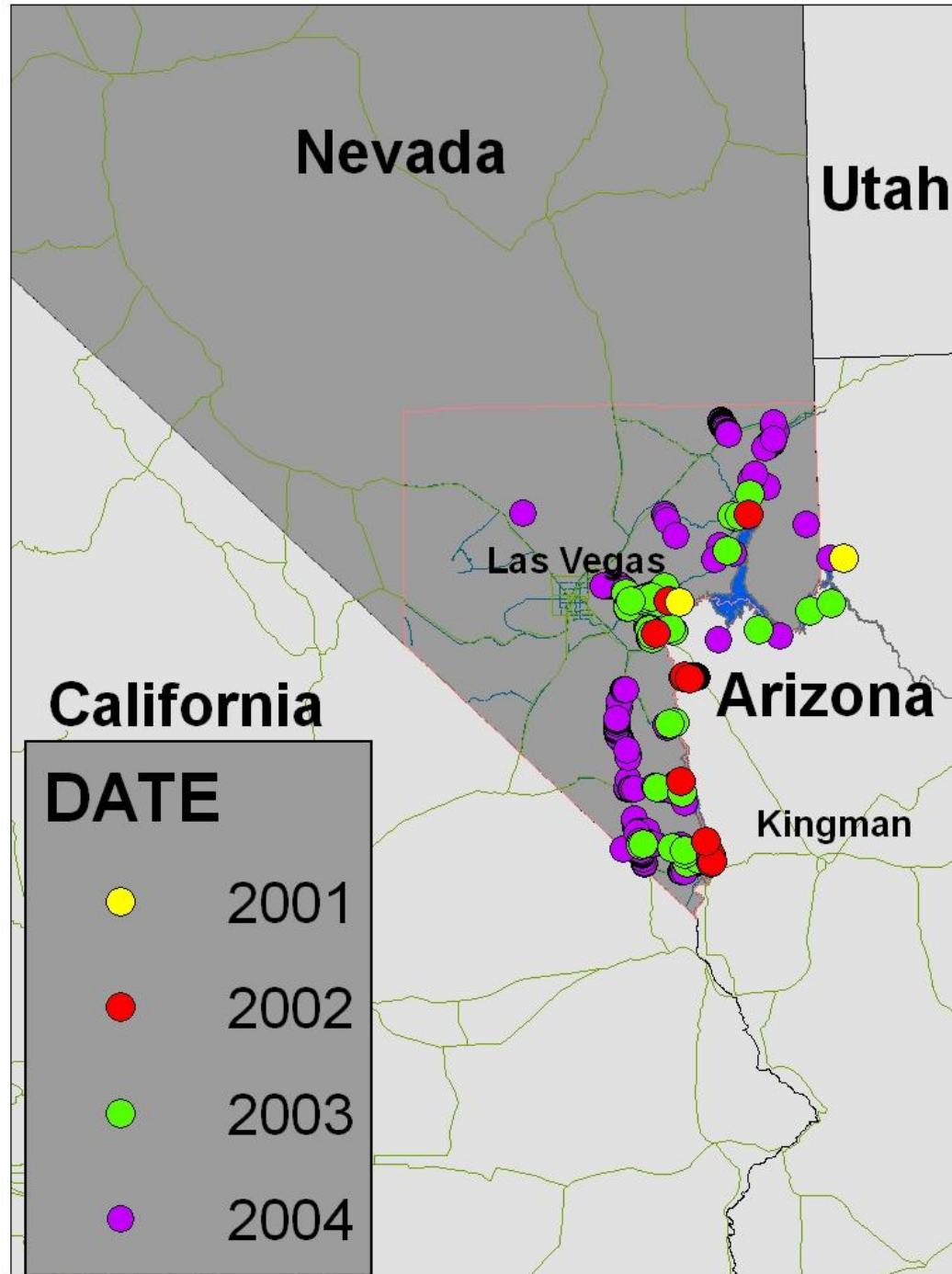


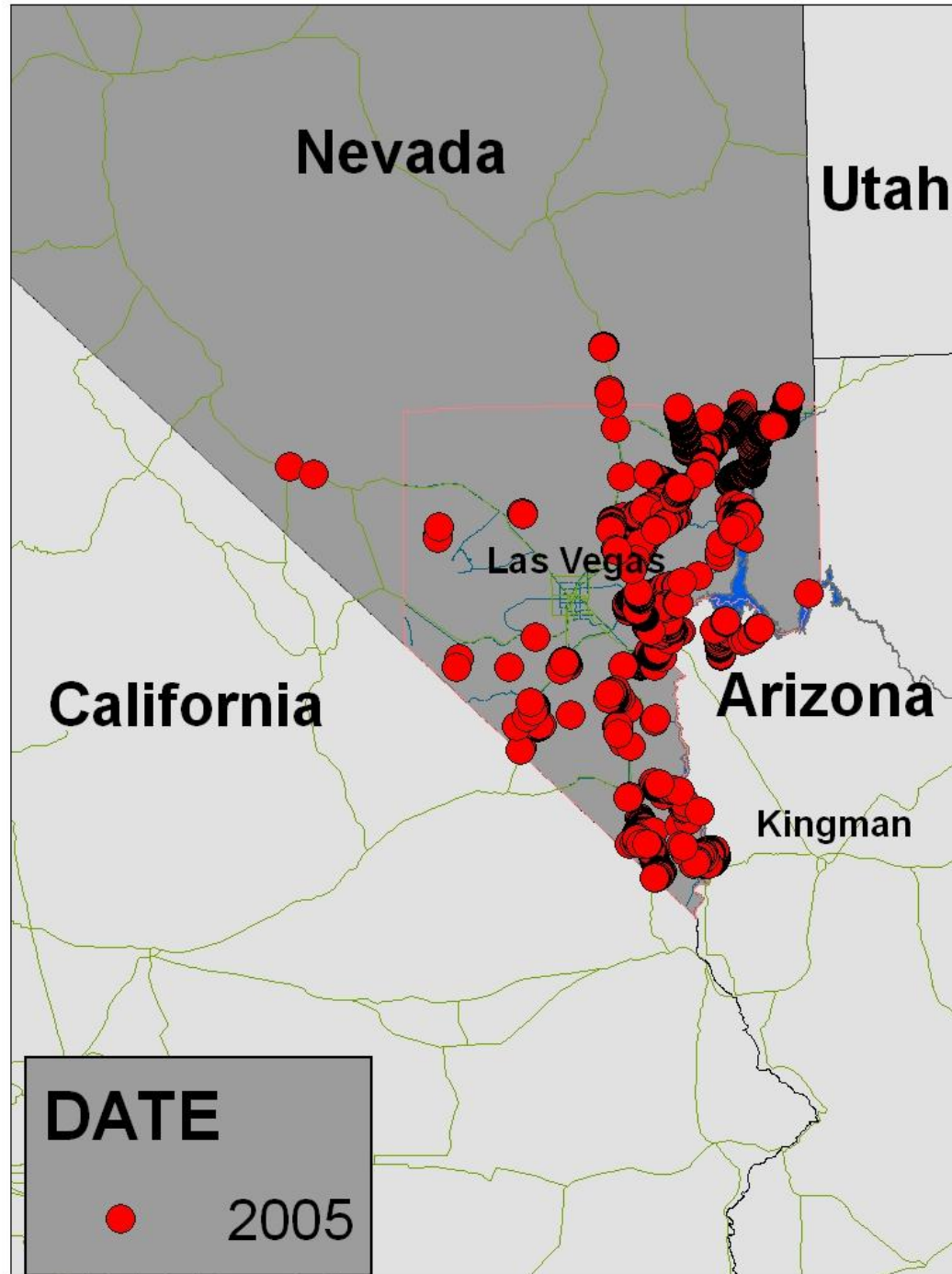
# Historical Occurrences

- 2001 Sandy Cove, Lake Mead NRA
- 2002 Many locations in Lake Mead NRA
- 2003 Many locations in Lake Mead NRA
- 2004 Throughout Clark County, NV









# Status

- Doesn't appear on Nevada Noxious weed list
- Nevada Dept of Agriculture considers the plant invasive and problematic - convening a panel this fall
- Large problem in Clark County
- Not problematic in the rest of Nevada, **Yet!**
- High priority for land managers in southern Nevada
- Weed of concern for the Clark County MSHCP





*Astragalus geyeri*





# Management in Southern Nevada

- Identifying and Mapping via the Weed Sentry program
- Eradication of incipient populations via the Weed Sentry program
- “Brassica team” - focused control in rare plant habitats



# How does it rank in comparison with other regional invasive plants?

- Sahara mustard should be prioritized in Clark County
- In the rest of the state it should be treated as highest priority





