



# Carved in stone? Not only



Towards Digitizing Cemeteries in the State of Israel and Interdisciplinary Cooperation in Colleges

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# Vision and Beginnings

Crowd based  
Preservation

Collective  
Memory

Tourism

Research

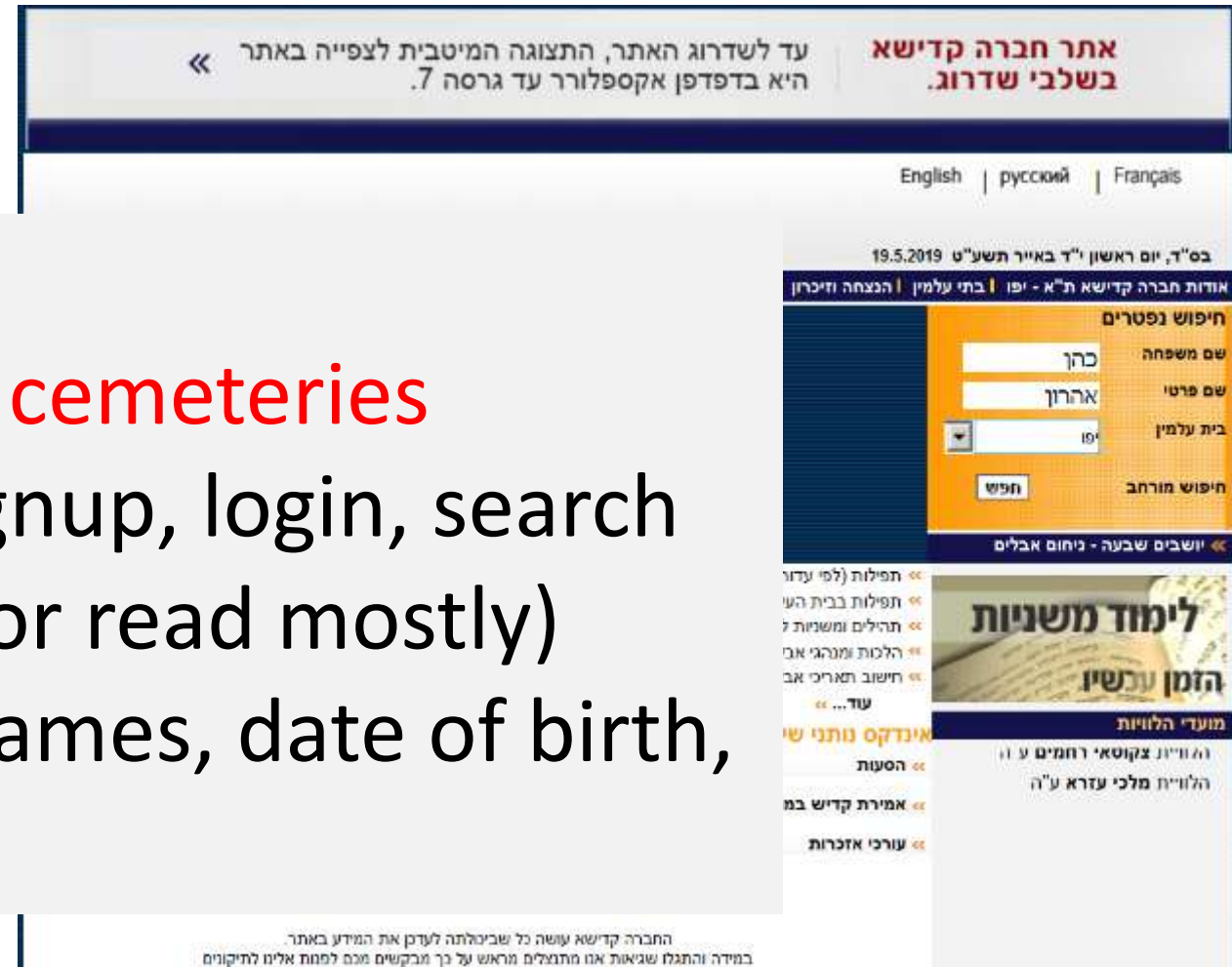
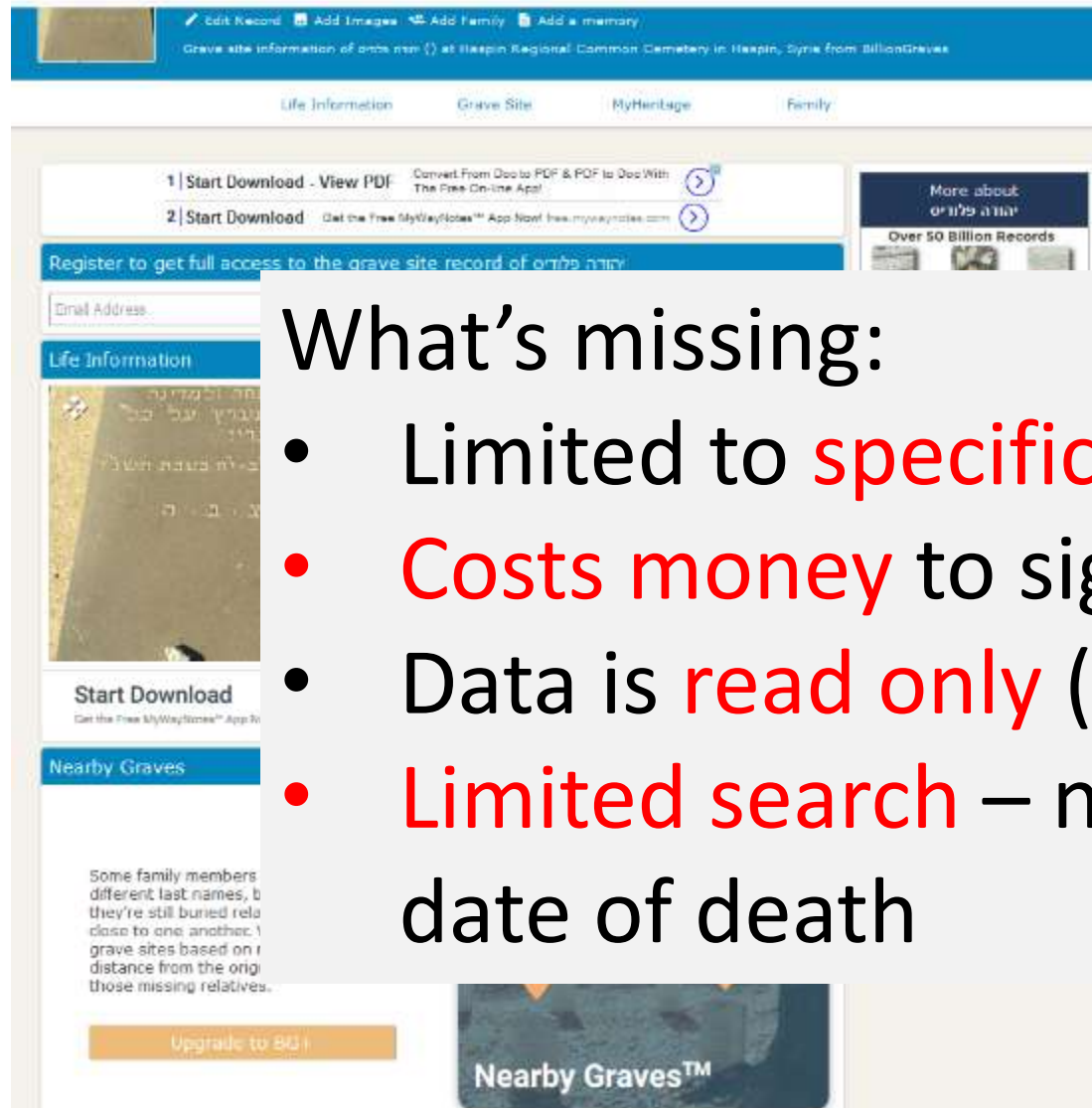


Michael J. May



Efrat Kantor

# Existing Systems



What's missing:

- Limited to **specific cemeteries**
- **Costs money** to signup, login, search
- Data is **read only** (or read mostly)
- **Limited search** – names, date of birth, date of death



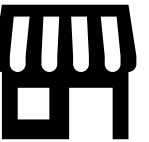
## ✓ Bottom-Up (Our Goal)

- Provide platform and tools
- Communities, activists, interested parties (i.e. *the crowd*) document and maintains what's important
- Result:
  - Active, involved community creates and maintains information for others in the community
  - Wide range of information gathered at low cost
- Examples: Wikipedia, WikiTravel, StackOverflow, SlideShare



## Top-Down (Non-Goal) ✗

- Company documents cemeteries or graves, puts the information online
- High labor cost and up front investment drives need to monetize information immediately
- Focus on easily monetized features (e.g. genealogy) and less on harder to monetize (e.g. historical, academic research)



## Research Foundations

- A cemetery is a rich source of information
- Headstones are **texts** and every text can be digitalized

## Openness



- Growth based on information documented by the public and the community
- **Anyone** can edit and improve the information
- Advanced search and research options based on **all available data** and properties

## Community



- Each community remembers, records, manages, and promotes its own information
- Encouraging local communities, groups, and interested individuals to document graves important to them

## Free



- Unlimited sharing, even from home
- No required payment or sign up fee. No monetization of the information.

# First Trial: Rosh Pina

[illegible]

# Timeline



July 2017

Project launch  
with students:  
Nissim Zror and  
Oshri Cohen



June 2018

First Prototype:  
Attempts at digitizing  
**En Gev and Yavneel**  
cemeteries.



December 2018

Version 1.0:  
Digitizing **En Harod-  
Gidona** cemetery.  
Android application  
+ website.



April 2019

Version 1.1:  
Digitizing **Hispin, Sde Eliyahu,  
and Maagan** Cemeteries.  
  
Addition of **Roman and  
Anastasia Axelrod**.  
Mobile friendly website +  
application.



June 2019

Version 2.0:  
Digitizing **Ashdot  
Yaakov, Degania,  
Menahamia**  
cemeteries.  
  
Support search,  
advanced search,  
versions

Tour of the website



# Welcome to CemoMemo

We have designed and built a system that lets you digitally record and document a grave and gravestone. The system documents the text on the grave, its features, its precise location, and can store pictures of the grave.

Most importantly, the documentation process is collective, or crowd based. Anybody can browse the database to correct or add information. Together we will build a database of our history, one gravestone at a time.

[Upload a picture of a grave](#)[Advanced search](#)

## New updates



Uploaded by אפרת קנסיור  
19.06.2019

בר כוכבא רוזנפלד

מנחמיה



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19.06.2019

שמואל גוטמן

מנחמיה



Uploaded by אפרת קנסיור  
19.06.2019

שמעון תנעזר

1923 - 1993  
תשנ"ג סיון יז - תרפ"ג תמוז ב'ז

מנחמיה

## Details on the grave stone

Civilian date of birth  
1899

Civilian date of death  
1975

Hebrew date of birth  
כט אדר תרסח

Hebrew date of death  
כא תשרי תשל"ה

Maiden name  
-

Father's name  
משה אליהו

Mother's name  
-

Age  
-



 אברהם פיירברגר

 מעגן

Enter edit mode

Remove grave

Show history

## Personal details

Nickname  
-

Immigration details  
-

Place of birth  
-

Circumstances of death  
-

Profession  
-

Place of death  
-

Painting or sculptures  
-

Epitaph  
-

## Grave stone details

**Burial type**  
Secular

**Symbols**  
-

**Secondary grave**  
In memory of beloved wife judit 40 and  
children hershi 15, hedi,13, evi 11. Perished  
in auschwitz 1944

**Languages**  
עברית ואנגלית

## Comments

Add a comment

No comments

## Bibliography

## Contributors



Michael Krupecki



Michael J. May



## History of: אברהם פיירברגר



By Michael J. May  
20.06.2019 15:51

### Secondary grave

In memory of beloved wife judit 40  
and children hershi 15, hedi,13, evi 11.  
Perished in auschwitz 1944



By Michael Krupecki  
15.05.2019 18:04

### Languages

עברית ואנגלית



By Michael Krupecki  
15.05.2019 18:04

### Burial type

Secular



By Michael Krupecki  
15.05.2019 18:04

### Epitaph

In memory of beloved wife judit 40  
and children hershi 15, hedi,13, evi 11.



## Details on the grave stone

Civilian date of birth

-

Civilian date of death

-

Hebrew date of birth

י"ט תשרי ה'תשכ"ה

Hebrew date of death

ט"ז טבת ה'תשע"ה

Maiden name

-

Father's name

אורי פנחס הלוי

Mother's name

דבה

Age

-



אמוץ אברהם קלרמן

חפין

Navigate to location

## Personal details

Nickname

-

Immigration details

-

Place of birth

-

Circumstances of death

-

Profession

מורה

Place of death

-

Painting or sculptures

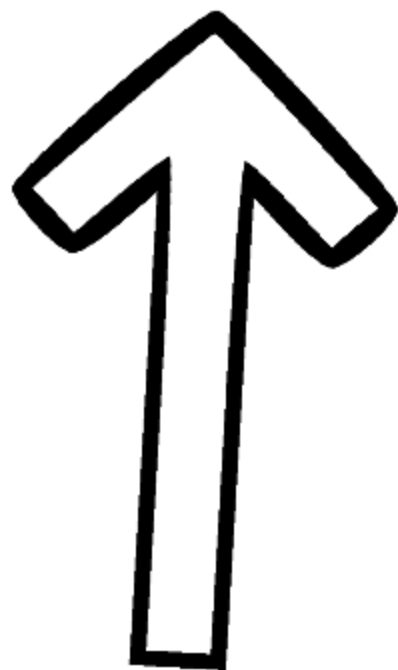
-

Epitaph

מה אהבתי תורתך כל היום היא שיחתי (תהלים קי"ט)  
חינך וגידל כל ימיו, במסירות את ילדיו ואת תלמידיו,  
לעבודת ה' מתוך אמת, יושר, אמונה, ובטחון

אמוץ אברהם קלרמן

1116 m



אתה בכיוון הנכון

אמוץ אברהם קלרמן

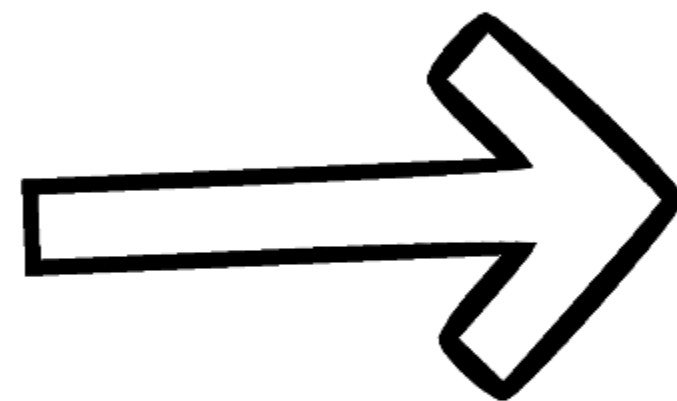
234 m



כוון אל היעד

אמוץ אברהם קלרמן

91 m



כוון אל היעד

# Welcome to CemoMemo

We have designed and built a system that lets you digitally record and document a grave and gravestone. The system documents the text on the grave, its features, its precise location, and can store pictures of the grave.

Most importantly, the documentation process is collaborative. You can correct or add information. Together we will build a comprehensive database of graves and gravestones in real time.

[Upload a picture of a grave](#)

## Sign in

[Login with Google](#)

[Login with Facebook](#)





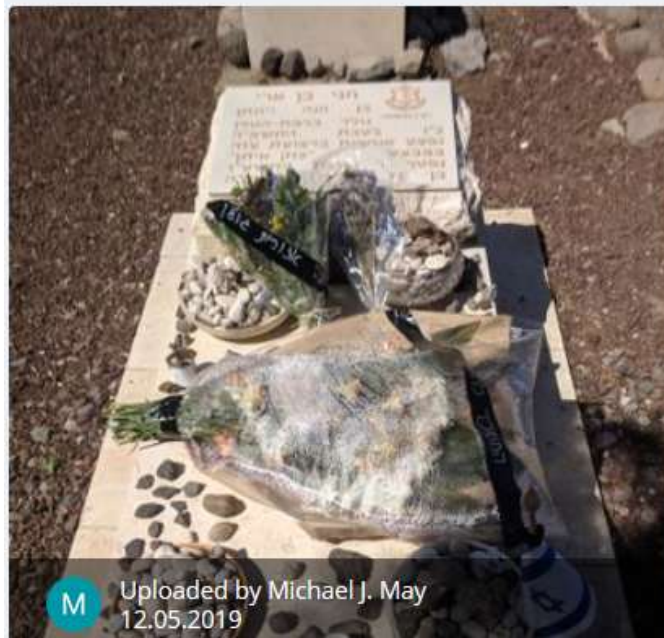
[My graves](#)

[Log out](#)



**Michael J. May**

Uploaded by Michael J. May



Uploaded by Michael J. May  
12.05.2019



Uploaded by Michael J. May  
08.05.2019



Uploaded by Michael J. May  
12.05.2019



Civilian date of death

-

Hebrew date of birth

-

Hebrew date of death

-

Maiden name

-

Father's name

-

Mother's name

אסתר

Age

55



שמואל גוטמן

מנחמיה

Enter edit mode

Immigration details

-

Place of birth

-

Circumstances of death

-

Profession

-

Place of death

-

Painting or sculptures

אגרטי שיש 2

Epitaph

זכות גדולה נפלה בחלקנו שזכינו לאדם כמוך, כל חיך  
דאגת לכולנו ומי יתן והמלאכים ישמרו עליך

שיש איטלקי עם ספר שחור משיש

דפוס שחור

Upload more images

Location not detected

## Details on the grave stone

First name

שמואל

Last name

גוטמן

Maiden name

You can specify more than one name

Cemetery name

מנחמיה

Continue

[Save and Escape](#)



# Using Basic Search



## Advanced Search

חיים



Add a Filter

There are 35 graves found.



Uploaded by אפרת קנטור  
19.06.2019

שרה סלוצקי

[מנחמיה](#)



Uploaded by אפרת קנטור  
19.06.2019

מנדל חיים סלוצקי

[מנחמיה](#)



Uploaded by אפרת קנטור  
19.06.2019

חיים גלנטי

[מנחמיה](#)



Uploaded by אפרת קנטור  
19.06.2019

ר' אהרון דב שטיינהרט

[מנחמיה](#)



Uploaded by אפרת קנטור  
19.06.2019

משה מרדכי חיים מאירי

[מנחמיה](#)



Uploaded by אפרת קנטור  
19.06.2019

רפאל חיים יעקב בו ישי

[מנחמיה](#)



## Details on the grave stone

Civilian date of birth

-

Civilian date of death

-

Hebrew date of birth

-

Hebrew date of death

-

Maiden name

-

Father's name

ר' יצחק

Mother's name

-

Age

-



שרה סלוצקי

מנחמיה

## Personal details

Nickname

האשה הנדיבה

Immigration details

-

Place of birth

-

Circumstances of death

-

Profession

-

Place of death

-

Painting or sculptures

-

Epitaph

אשת ר' חיים מנדל סלוצקי

קטן, בטון

דפוס עברי

# Using Advanced Search

## Advanced Search

Search by name...



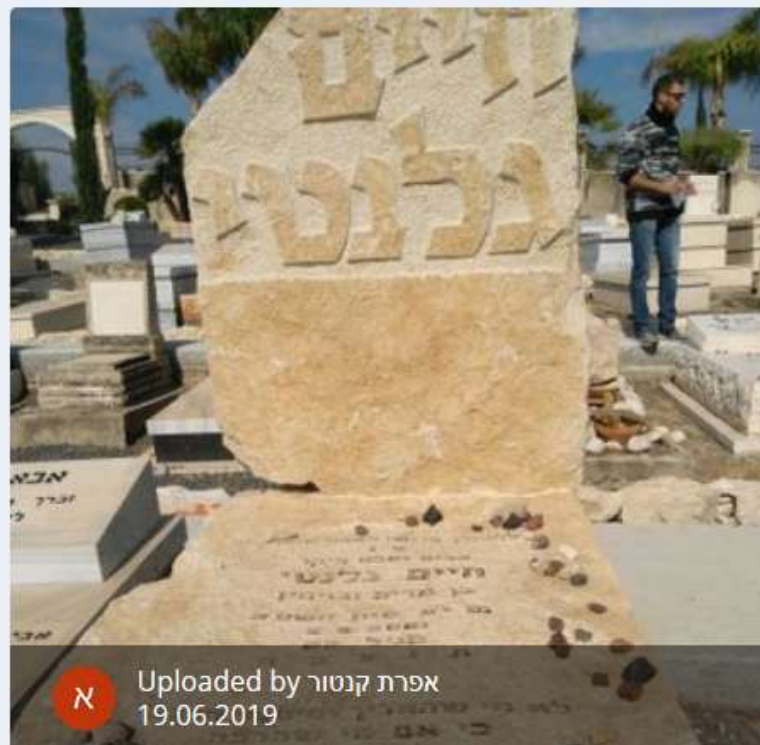
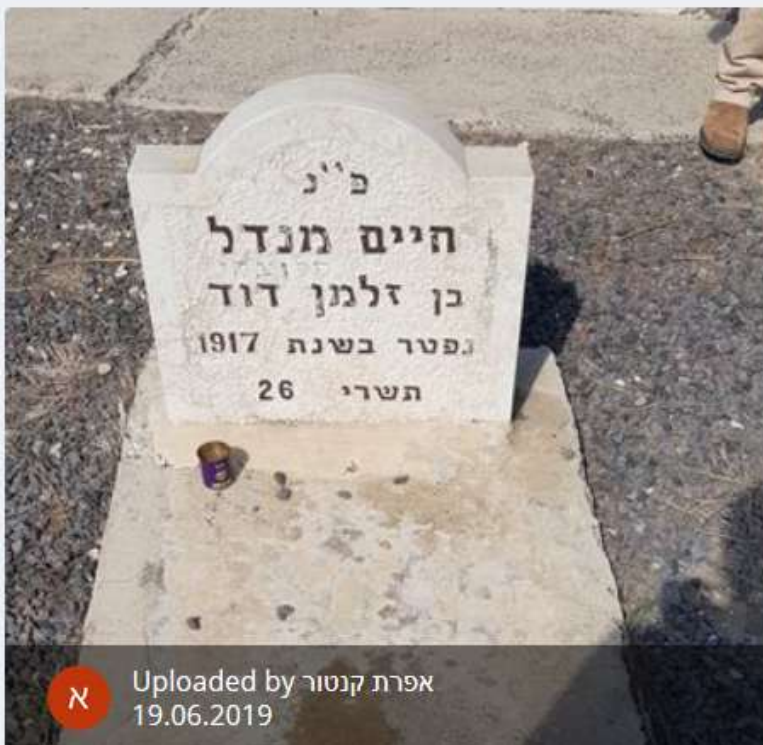
First name ~ חיים x

Add a Filter

Clear all

חיים First name

There are 14 graves found.





## Advanced Search

Search by name...



Father's name ≠ ✕

Mother's name Empty ✕

Add a Filter

Clear all

# Has Father, no Mother

There are 94 graves found.



Uploaded by Michael Krupecki  
15.05.2019

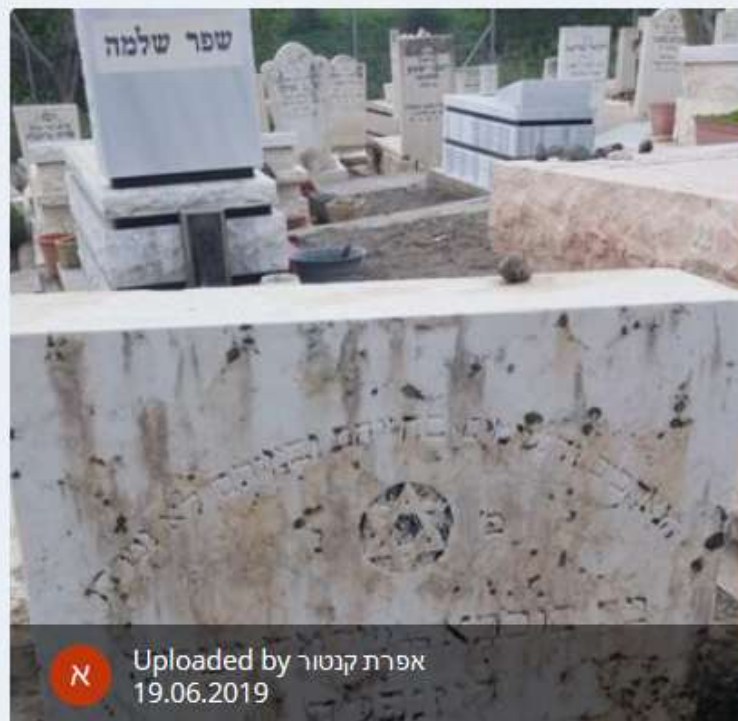
אברהם פיירברגר

1899 - 1975

תשלה תשרי כא - תרסח אדר כט



[מעגן](#)



Uploaded by אפרת קנטור  
19.06.2019

בר כוכבא רוזנפלד



[מנחמיה](#)



Uploaded by אפרת קנטור  
19.06.2019

שמואל לוי



[מנחמיה](#)



Advanced Search

Search by name...

Q

Mother's name ≠ X

Father's name Empty X

Add a Filter

Clear all

There are 38 graves found.



שמואל גוטמן

מנחמיה



חנה רבקה חסון

מנחמיה



רבקה בן אברהם

מנחמיה

Has Mother, no Father

## Advanced Search

Search by name...



Circumstances of death ~ טבע ✕

Add a Filter

Clear all

# Drowned

There are 5 graves found.



Uploaded by אביעד פוריטר  
15.05.2019

**זאב שוורץ**

תשיז אייר ב

מעגן



Uploaded by Sheina Pichel  
16.06.2019

**יצחק שפרה'ס**

תרפב אב ג

דגניה



Uploaded by Jotham Rosen  
16.06.2019

**נח רודניק**

תרפ סיון

דגניה



## Advanced Search

Under 50

Search by name...



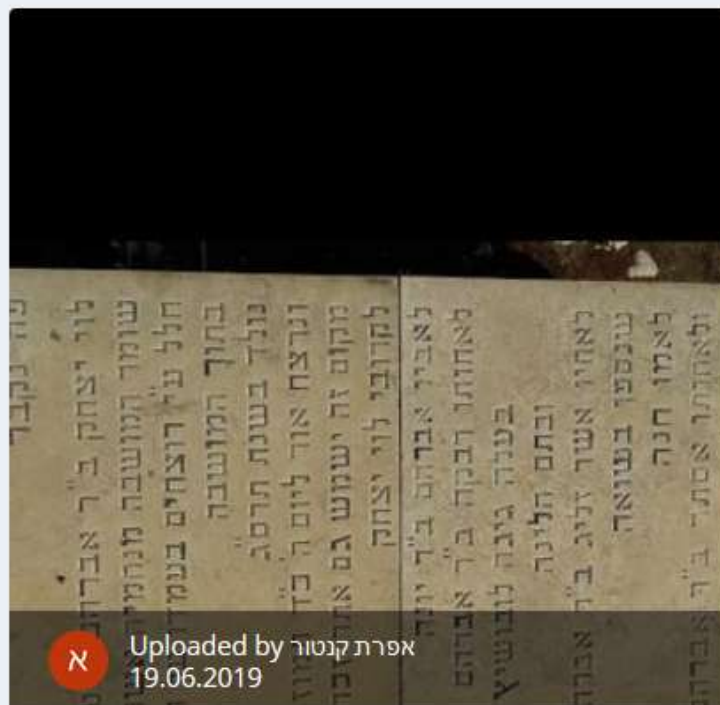
Age < 50 ✕ Add a Filter Clear all

There are 52 graves found.



מיכאל עדין

מנחמיה



לוי יצחק ווארשווסקי

מנחמיה



יורם בן חמו (לא רשום ז"ל)

מנחמיה



## Advanced Search

Search by name...



Year of Immigration ≠ x

Add a Filter

Clear all

# Immigration Year

There are 10 graves found.



Uploaded by Nofar Izhak

16.06.2019

**צלה ברקוביץ**

25.4.1897 - 10.7.1992

תשנב תמוז ט - תרנז ניסן כג



Uploaded by Nofar Izhak

16.06.2019

**יעקב פלמוני**

תשלא

[דגניה א](#)



Uploaded by Nofar Izhak

16.06.2019

**פנינה קיפניס**

תרמט

68  
Contributors

808 Graves  
Documentated

13 Cemeteries  
Full or Partially  
Digitized

Document a  
grave in < 3  
minutes

Immediately  
online and  
searchable

# Going Forward

- Partnerships with Local Councils, Religious Councils, Burial Societies, Schools, Historical Societies
- Developing and **expanding** the community
- Support and **additional features**
- Automatic text recognition
- Personal Lists of Graves, Groups (family, personal, army, community)
- **Sharing** of lists, self-guiding tours
- Tags and user-generated annotations
- Better **multilingual support** and translation





# Thank you!

Please enter right now and try it out!

<https://cemomemo.kinneret.ac.il/home>

