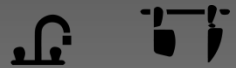




Soupe à L'Oignon



The
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SCIENCE KITCHEN

Taxonomy not Taxidermy

- Thanks Carl.
- What do you see?
- Looking Forward.





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Classification

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Classification for Kingdom *Plantae* Down to Genus *Allium* L.

Click on names to expand them, and on  for PLANTS profiles.

Up to the Kingdom

Kingdom [Plantae](#) – Plants
 Subkingdom [Tracheobionta](#) – Vascular plants
 Superdivision [Spermatophyta](#) – Seed plants
 Division [Magnoliophyta](#) – Flowering plants
 Class [Liliopsida](#) – Monocotyledons
 Subclass [Liliidae](#)
 Order [Liliales](#)
 Family [Liliaceae](#) – Lily family
 Genus [Allium](#) L. – onion 

Contains 112 Species and 149 accepted taxa overall





Search

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onion

Common Name

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PLANTS Topics

- Alternative Crops
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- **Classification**
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Classification for Kingdom **Plantae** Down to Genus *Allium* L.




Click on names to expand them, and on **P** for PLANTS profiles.

Up to the Kingdom

- Kingdom [Plantae](#) – Plants
- Subkingdom [Tracheobionta](#) – Vascular plants
- Superdivision [Spermatophyta](#) – Seed plants
- Division [Magnoliophyta](#) – Flowering plants
- Class [Liliopsida](#) – Monocotyledons
- Subclass [Liliidae](#)
- Order [Liliales](#)
- Family [Liliaceae](#) – Lily family
- Genus [Allium](#) L. – onion **P**



Contains 112 Species and 149 accepted taxa overall

- Variety *Allium bolanderi* S. Watson var. *bolanderi* – Bolander's onion 
- Variety *Allium bolanderi* S. Watson var. *mirabile* (L.F. Hend.) McNeal – Bolander's onion 
- Variety *Allium bolanderi* S. Watson var. *stenanthum* (E. Drew) Jeps. – Bolander's onion 
- Species *Allium brandegeei* S. Watson – Brandegee's onion 
- Species *Allium brevistylum* S. Watson – shortstyle onion 
- Species *Allium burdickii* (Hanes) A.G. Jones – narrowleaf wild leek 
- Species *Allium burlewii* Davidson – Burlew's onion 
- Species *Allium campanulatum* S. Watson – dusky onion 
- Species *Allium canadense* L. – meadow garlic 
- Variety *Allium canadense* L. var. *canadense* – meadow garlic 
- Variety *Allium canadense* L. var. *ecristatum* (M.E. Jones) Ownbey – meadow garlic 
- Variety *Allium canadense* L. var. *fraseri* Ownbey – Fraser meadow garlic 
- Variety *Allium canadense* L. var. *hyacinthoides* (Bush) Ownbey & Aase – hyacinth meadow garlic 
- Variety *Allium canadense* L. var. *lavandulare* (Bates) Ownbey & Aase – meadow garlic 
- Variety *Allium canadense* L. var. *mobile* (Regel) Ownbey – meadow garlic 
- Species *Allium carinatum* L. [excluded] 
- Species *Allium cepa* L. – garden onion 
- Species *Allium cernuum* Roth – nodding onion 
- Variety *Allium cernuum* Roth var. *cernuum* – nodding onion 
- Variety *Allium cernuum* Roth var. *neomexicanum* (Rydb.) J.F. Macbr. – New Mexican nodding onion 
- Variety *Allium cernuum* Roth var. *obtusum* Cockerell ex J.F. Macbr. – nodding onion 
- Species *Allium chinense* G. Don – rakkyo 
- Species *Allium columbianum* (Ownbey & Mingrone) P. Peterson, Annable & Rieseberg – Columbian onion 
- Species *Allium constrictum* (Ownbey & Mingrone) P. Peterson, Annable & Rieseberg – Grand Coulee onion 
- Species *Allium coryi* M.E. Jones – yellowflower onion 
- Species *Allium cratericola* Eastw. – Cascade onion 
- Species *Allium crenulatum* Wiegand – Olympic onion 



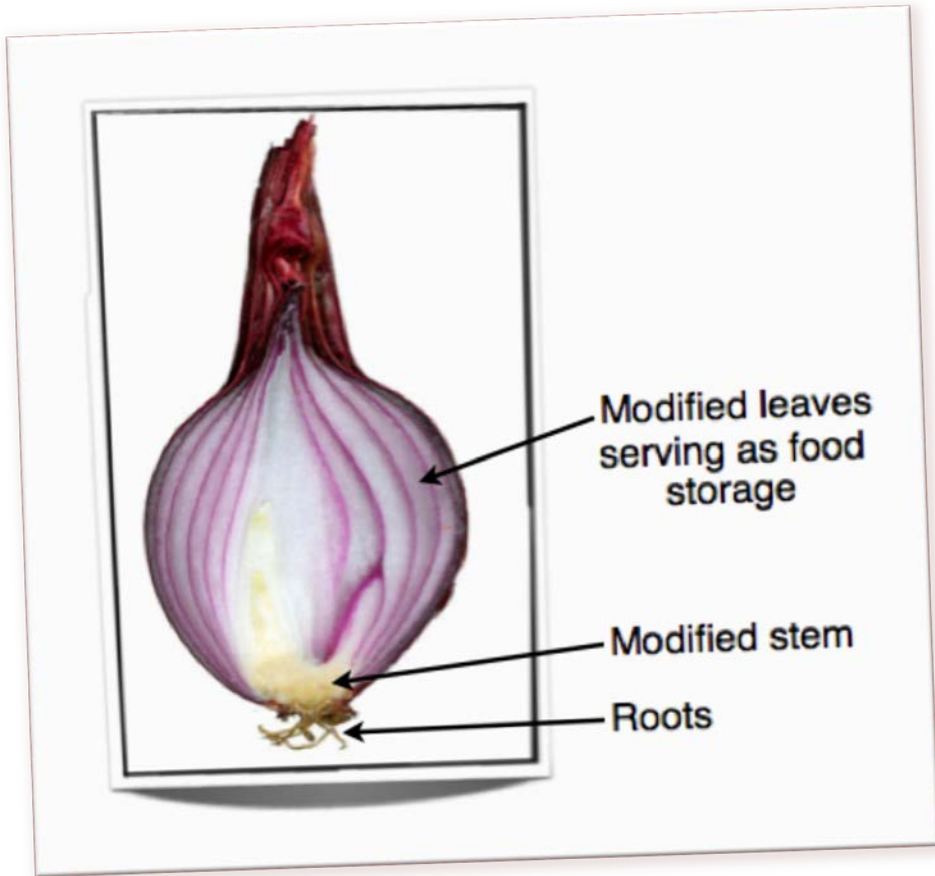


ALLIUMS



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**A BULB at THE
BOTTOM.**

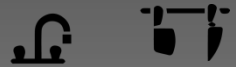


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**A BIG ROUND
BALL OF
FLOWERS AT
THE TOP.**



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A BIG ROUND BALL OF FLOWERS AT THE TOP.





**Long SKINNY
Stem and
Leaves.**

BOTANICAL DRAWING

Allium Features:

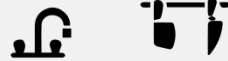
- A
- B
- C
- D – Onion?



BOTANICAL DRAWING

Allium Features:

- Flower Head ball
- Long, Skinny stems and leaves
- Bulb – modified leaves
- D – Onion from Latin "oneness"



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201606 11/16/16



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You are here: [Dichotomous Key](#) > [Alliaceae](#) > *Allium*

Allium

Reference: McNeal and Jacobsen (2002).

1b. Leaves flat or terete, 1–20 mm wide, not early withering, present during anthesis; capsule only slightly lobed or not produced

2b. Umbels with most or all of the flowers replaced by bulbils

Dichotomous Key

- Go to this website:
<https://gobotany.newenglandwild.org/dkey/allium/>
- Practice using the Key
- Make your own Key for the Culinary Alliums we talked about.
- Decide which is the best onion for soup!
- Share this with me in Google Docs.

FOR NEXT TIME...



Have an onion handy.