

Collection No.	1
Collector Name & Semester	Diya Aras Naji Semester 7
Collection Date	2- 7 - 2025
Scientific Name	<u>Alcea rosea</u>
Family	Malvaceae (Hibiscus, or mallow)
Common Name (Kurdish, Arabic and English)	گولہ هیرو Hollyhock الخَطْمِيَّةُ أَوْ الخِثْمِيَّةُ
Location	Iraq, KRG, Sulaymaniah, Kurdsat(Sardaw) Near LEMO supermarket.
Latitude & Longitude	35°35'50.07"N 45°26'17.66"E
Growth Form	<input type="checkbox"/> Tree <input type="checkbox"/> Shrub <input type="checkbox"/> Herb <input type="checkbox"/> Vine <input type="checkbox"/> Grass <input checked="" type="checkbox"/> Answer: Herb
Condition	<input checked="" type="checkbox"/> Flowering <input type="checkbox"/> Fruiting <input type="checkbox"/> Vegetative <input type="checkbox"/> Answer: Flowering
Use	<input checked="" type="checkbox"/> Medicinal <input type="checkbox"/> Edible <input type="checkbox"/> Ornamental <input type="checkbox"/> Answer: medicinal
Abundance	<input type="checkbox"/> Rare <input type="checkbox"/> Occasional <input checked="" type="checkbox"/> Common <input type="checkbox"/> Abundant <input type="checkbox"/> Answer: common

Soil Type	Sandy Loamy <input type="checkbox"/> Clay <input type="checkbox"/> Rocky <input type="checkbox"/> Answer: Sandy and Loamy
Plant part collected	<input checked="" type="checkbox"/> Leaf <input checked="" type="checkbox"/> Flower <input type="checkbox"/> Fruit <input checked="" type="checkbox"/> Seed <input type="checkbox"/> Root <input checked="" type="checkbox"/> Stem <input type="checkbox"/> Whole Plant <input type="checkbox"/> Answer: Leaf, Stem, flower and seed
Plant Description	<p>Hollyhocks are known for their vibrant flowers, which can come in a variety of colors, including white, pink, red, purple, yellow, and even black. The flowers often have a distinct, eye-catching central eye or throat that can be darker than the petals. It can grow quite tall, typically reaching heights of 3 to 8 feet (0.9 to 2.4 meters) depending on the variety. The flower spikes can be several feet long, with blooms appearing in a vertical arrangement along the stem. While hollyhocks are not particularly known for a strong fragrance, some varieties may have a mild, pleasant scent that can attract pollinators. The aroma is generally subtle compared to other flowering plants. Leaves: The leaves are large, round to heart-shaped, and have a slightly hairy texture. They are typically dark green and can be quite broad. Growth Habit: Hollyhocks are biennial or perennial plants that usually grow as rosettes in their first year and produce flowers in their second year. After flowering, they may self-seed and continue to grow in subsequent seasons. Cultivation: They prefer full sun and well-drained soil. Hollyhocks can attract bees and butterflies, making them beneficial for pollinator gardens. Uses: In addition to their ornamental value, some parts of the hollyhock plant have been used in traditional medicine and herbal remedies. Here are some of the medical uses and potential benefits associated with hollyhocks:</p> <ol style="list-style-type: none"> 1. Anti-inflammatory Properties: Hollyhocks contain compounds that may help reduce inflammation. This can be beneficial for conditions such as arthritis or other inflammatory disorders.

2. Soothing Irritation: The leaves and flowers of hollyhock have been used topically to soothe skin irritations, including rashes, burns, and minor wounds. A poultice made from the leaves may help alleviate discomfort.

3. Respiratory Health: Traditionally, hollyhocks have been used in herbal remedies for respiratory issues. They may help soothe coughs and other respiratory ailments due to their mucilaginous properties, which can coat and protect mucous membranes.

4. Digestive Aid: The mucilage found in hollyhocks can also be beneficial for digestive health. It may help soothe the digestive tract and alleviate issues like constipation.

5. Diuretic Properties: Some herbalists have used hollyhock as a mild diuretic, which may help promote urine production and support kidney function.

6. Antioxidant Activity: The flowers contain various antioxidants that can help combat oxidative stress in the body, potentially supporting overall health and wellness.

Precautions:

- **Limited Research:** While hollyhocks have traditional uses, scientific research on their efficacy and safety is limited. It is essential to consult with a healthcare professional before using hollyhocks for medicinal purposes.

- **Allergic Reactions:** Some individuals may experience allergic reactions to hollyhocks. It's advisable to perform a patch test if using the plant topically or to start with small amounts when consuming it.

- **Not a Substitute for Medical Treatment:** It should not be used as a substitute for professional medical treatment or advice.

Plant image(s)
(in its
environment)
(Before
collection)









Collected
Sample
image(s)
(on black
background)









