

Collection No.	13
Collector Name & Semester	Aya Othman Ahmad Semester -7-
Collection Date	2/7/2025 - Wednesday, the 2 nd of July
Scientific Name	<u><i>Solenostemon scutellarioides</i></u> or <u><i>Coleus scutellarioides</i></u>
Family	Lamiaceae
Common Name (Kurdish, Arabic and English)	السجاد نبات كوله خوين Coleus
Location	Iraq, KRG, Sulaymaniyah, Sulaymaniyah heights
Latitude & Longitude	35.605287 45.456931
Growth Form	<input type="checkbox"/> Tree <input type="checkbox"/> Shrub <input type="checkbox"/> Herb <input type="checkbox"/> Vine <input type="checkbox"/> Grass <input type="checkbox"/> Answer: Herb
Condition	<input type="checkbox"/> Flowering <input type="checkbox"/> Fruiting <input type="checkbox"/> Vegetative <input type="checkbox"/> Answer: Vegetative
Use	<input type="checkbox"/> Medicinal <input type="checkbox"/> Edible <input type="checkbox"/> Ornamental <input type="checkbox"/> Answer: Ornamental

Abundance	<input type="checkbox"/> Rare <input type="checkbox"/> Occasional <input type="checkbox"/> Common <input type="checkbox"/> Abundant <input type="checkbox"/> Answer: common
Soil Type	<input type="checkbox"/> Sandy <input type="checkbox"/> Loamy <input type="checkbox"/> Clay <input type="checkbox"/> Rocky <input type="checkbox"/> Answer: loamy
Plant part collected	<input type="checkbox"/> Leaf <input type="checkbox"/> Flower <input type="checkbox"/> Fruit <input type="checkbox"/> Seed <input type="checkbox"/> Root <input type="checkbox"/> Stem <input type="checkbox"/> Whole Plant <input type="checkbox"/> Answer: root, leaf, stem

Plant Description	<p>1. Leaves:</p> <ul style="list-style-type: none">➤ Color: Deep purplish-maroon centers with bright green, scalloped edges.➤ Shape: Ovate (egg-shaped), with serrated or scalloped edges.➤ Oder : Coleus plant has a mild, slightly minty or herbal smell, usually noticeable only when the leaves are rubbed or crushed.➤ Size: Medium-sized leaves, around 5–10 cm in length.➤ Texture: Soft, slightly velvety to the touch.➤ Arrangement: Opposite (pairs along the stem), dense and bushy foliage. <p>2. Stem:</p> <ul style="list-style-type: none">➤ Color: Pale green to purplish.➤ Shape: Square-shaped in cross-section (typical for mint family).➤ Size: The stem is 0.5–1 cm thick and can grow up to 60 cm long. It's soft, green to purplish, and square-shaped.➤ Texture: Smooth and slightly fleshy.➤ Growth Habit: Upright to sprawling; can grow as a small bush or trailing plant
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3. Root:

- **Type:** Fibrous with a central taproot.
- **Color:** Light brown to tan.
- **Structure:** Fine roots spreading from the base of the stem.

4. Blooming Season:

- Blooms in late summer or early fall.
- Small, tubular flowers, often bluish-purple, but not showy.
- Grown primarily for foliage rather than

flowers. Ecological Information & Care

Sunlight:

- Prefers partial shade to bright indirect light.
- Too much direct sunlight may cause leaf burn; too little can dull colors.

Watering:

- Likes moist but well-draining soil.
- Water when the top inch of soil feels dry.
- Avoid waterlogging to prevent root rot.

Climate:

- Thrives in warm, humid climates (ideal: 18–30°C).
- Frost-sensitive — keep indoors or bring in during winter in colder zones.

Growth and Care:

- Grows fast with regular pruning.
- Pinch off top growth to promote bushiness.
- Can be propagated easily by stem cuttings in water or soil.
- Requires fertilizing every 2–4 weeks during growing season (spring-summer).

Edibility and Uses

Edibility:

- Most ornamental *Coleus* species are not edible and are used for decoration only.
- Some species (e.g., *Plectranthus barbatus*, now *Coleus forskohlii*) are used in traditional medicine (for example, in Ayurvedic remedies).

Uses:

- Popular ornamental plant for indoor pots and garden borders.
- Certain varieties used in herbal medicine (with caution).
- Sometimes planted as a mosquito repellent in outdoor areas.

Plant
image(s)
(in its
environme
nt)
(Before
collection)





Collected
Sample
image(s)
(on black
background)



