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Special Permanent Tissues

Aromatic plants

Produce aroma from stem , leaf

List of aromatic plants

- Tulsi
- Lemon

Scientific name of tulsi

Olimum tenuflorum

Scientific name of lemon

Citrus lemon

Types of special permanent tissues

Number of types of special permanent tissues

2

Divisions of types of special permanent tissues

- Glandular
- Lactiferous

Glandular tissue

Nature of function of glandular tissues

Secretory

Lactiferous tissue

Homologousness of lactiferous tissue of plant with animals

Blood vessels

Lactifiers

Substance secreted by lactifiers

Substances present at latex

Source of origin of latex in lactifiers

Division of structures secreting latex

- Lactiferous cells
- Lactiferous vessels

List of plants secreting latex from lactiferous cells

List of plants secreting latex from lactiferous vessels

Scientific name of opium

List of colours of latex

Uses of latex

Industrial use of latex secreted by rubber plant

Scientific name of rubber plant

Industrial use of latex secreted by opium

Chemical property of morphine

Use of morphine

Secretory tissues

Function of secretory tissues

Types of secretory tissues

Number of types of secretory tissues in plants

Division of types of secretory tissues in plants

External glands

Location of external glands

Types of external glands in secretory tissues

Number of types of external glands in secretory tissues

Division of types of external glands in secretory tissues

-
- Nectar
 - Salt
 - Mucous
 - Poison

Digestive glands

Types of plants having the presence of digestive glands

Element lacking in plants having digestive glands

List of plants having the presence of digestive glands

Scientific name of Venus fly trap

Scientific name of Pitcher plant

Scientific name of Crimpsons Pitcher plant

Scientific name of Sundews

Scientific name of bladder worts

Nectar glands

Location of nectar glands in the plant body

Terms for nectar glands

Nectar

Examples of nectar glands

Scientific name of Kaner

Scientific name of Lalupate

Salt glands

Types of plants having salt glands

Structure present at the salt glands

List of plants having the presence of salt glands

Location of salt glands the plant body of Bengal Gram

Scientific name of Bengal gram

Mucous glands

List of plants having the presence of mucous glands

-
- Chalk glands
 - Essential oil glands
 - Resin glands
 - Gum glands

Oil glands

List of plants having the presence of oil glands

Part of plant body having the location of oil glands in citrus fruits

Chalk glands

Chemical compound present at chalks in chalk glands of plants

List of plants having the presence of chalk glands

Location of chalk glands at Tamarind

Scientific name of Tamarind

Essential oil glands

List of plants having the presence of essential oil glands

- Eucalyptus

Part of plant body having the location of essential oil glands in Eucalyptus

Leaf

Industrial use of essential oil of essential oil glands

- Manufacture of perfume

Resin glands

List of glands having the presence of resin glands

- Asafoetida (Hing)
- Gymnosperms

List of gymnosperms having the presence of resin glands

- Pinus
- Cedrus

Scientific name of asafoetida

Ferula assafoetida

Gum glands

List of plants having the presence of gum glands

- Babul
- Mango

Scientific name of mango

Mangifera indica

Scientific name of babul

Acacia arabica

Hyadathodes

Term for hyadathodes

Water stomata

Function of hyadathodes

Guttation

Guttation in hyadathodes

Secretion of water droplets

State of hyadathodes in terms of closed and open

Always open

Location of hyadathodes at the parts of plant body

- Margin of leaf
- Apex of leaf

Types of plants having the presence of hyadathodes

- Herbaceous plant
- Submerged aquatic plants

List of plants having the presence of hyadathodes

- *Companula rotundifolia*
- *Ranunculus fluitans*