

FARMASÖTİK BOTANİK DERS NOTU

II.DÖNEM TAMAMI

(2008-2009)

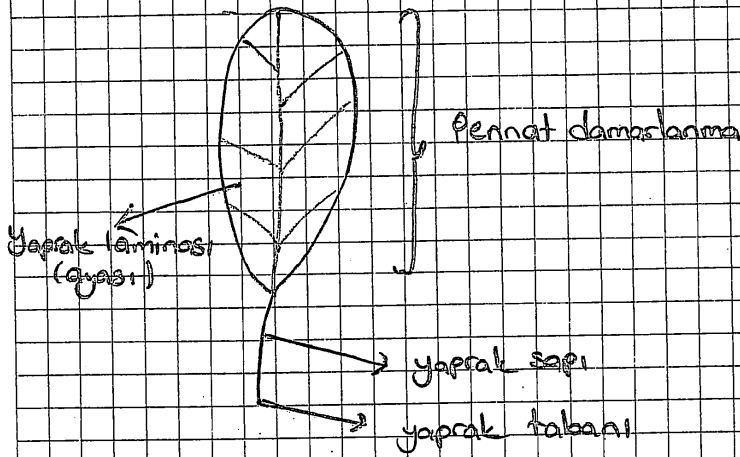
ÖZGÜN FOTOKOPİ

TEL : (0216) 450 13 58

Farmasötik Botanik

24.02.2023
Salı

Yaprak: Yapraklar ikiye ayrılır Basit ve parçalı yaprak.

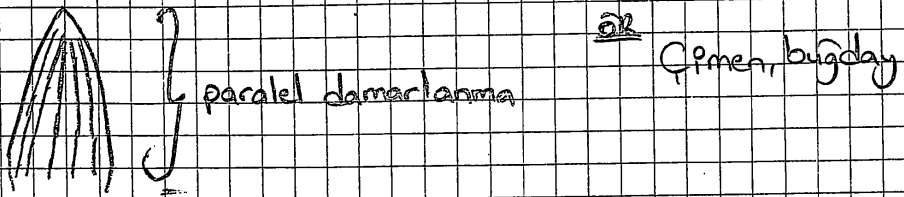


Yaprak temel olarak üç kısımdan oluşur

- * Yaprak laminası
- * Yaprak sapı
- * Yaprak tabanı

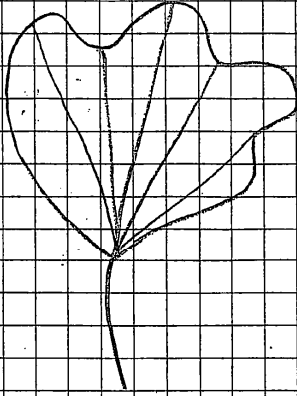
Pennat Damarlanma: Yaprakta ana damardan ikincil damarlar çıkıyorsa bunlara pennat damarlanma denir.

Paralel Damarlanma



En fazla görülen damarlanma şekli paralel damarlanmadır

Palmat Damarlanma

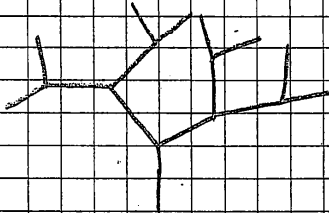


Palmat damarlanma

Öl Abegümeci

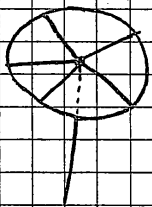
Bir noktadan çıkarak şekilde eşit büyüklüklü damarlanma şeklindedir.

Dikoton Damarlanma



Her bir damar ikiye çatallanır. Bu damarlanmaya dikoton damarlanma denir.

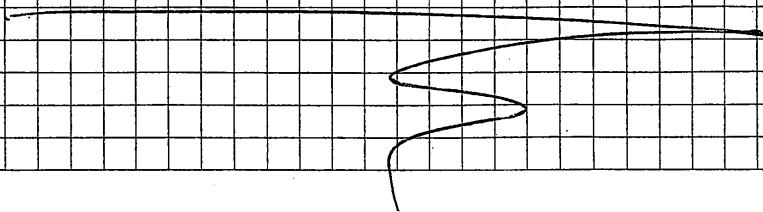
Pellat Damarlanma

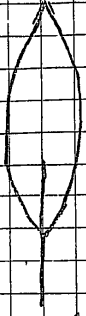


Pellat damarlanma

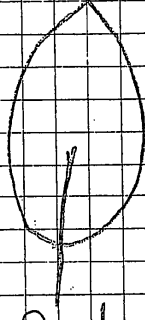
Yaprak çeşitleri;

- Basit Yaprak
- Parçalı Yaprak

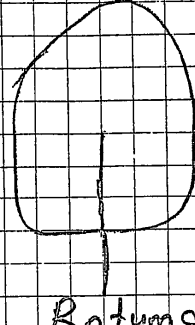


1- Basit Yaprak

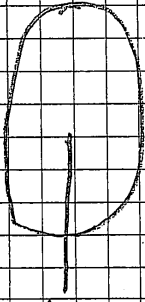
lanceolat
mızrak
ucu



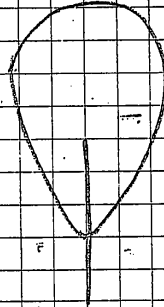
Ovat



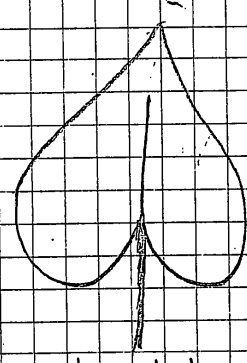
Rotundat



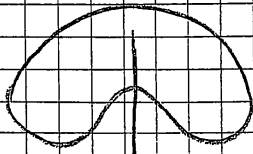
oblong



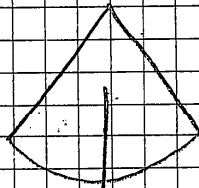
obovat



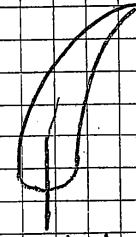
kardat
(Çok daha fazla görür.)
(kalp)



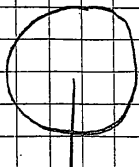
reniform
(böbrek)



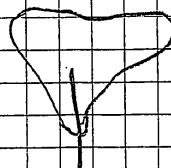
deltat
(üçgen)



falkat (Orak)



Orbikulant
(Tam Yuvarlak)

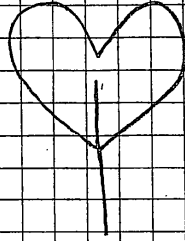


lobellat
(yelpaze şeklinde)

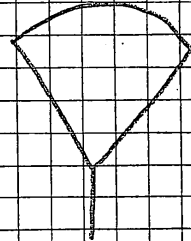
Bunların tersi de söz konusudur. Ters olduğunda -ob eki
basa getirilir.



Oblanceolat



Obkordat



Obdeltat

2- Parçalı Yaprak



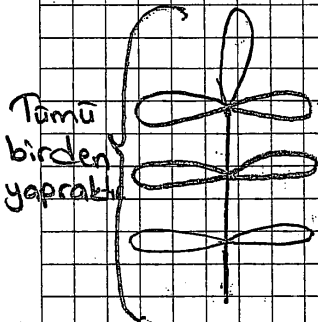
Damarlanması pinnat olan bir yaprak bilmeler
olusturuyorsa;

Pennatilobat

Pennatipit —————> Biraz içeri kayınca.

Pennatipartit

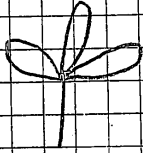
Pennatisekt —————> Tabana çok yakın



Yapraksık <=> foliol

* Çok poliollü yaprakta en ucta bir tane foliol varsa buna impa-
ripennat yani tek sayıda foliol içeren.

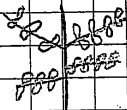
* En usta poliol bulunmama yani çift sayıda poliol içerece de panipennat yaprak denir.



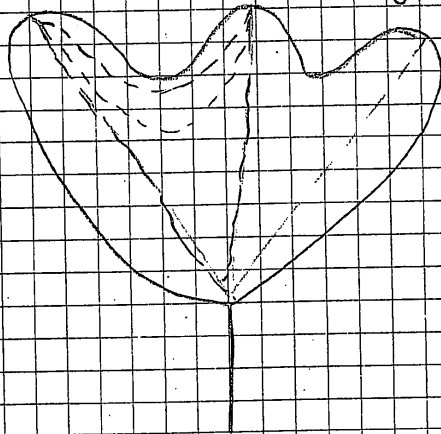
* Uç polioluya tripoliat denir.



Yanca 3 tane poliol den oluşur Tripoliat



* Poliollerde kendi içinde parçalanma yapabilir. Bipennat
Maydanoz, kereviz.



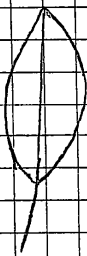
Palmatolobate

Palmatipit

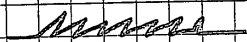
Palmatipartit

Palmatisekt

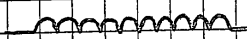
Yaprak Kenarları



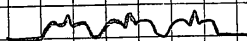
doğ
integer



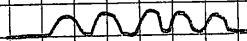
serrate kenar → testere



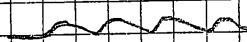
crenate → yuvarlak



dentate → diş



sinuate → karpaslı



undulate → dalgalı

(yandın görüntüsü dalgalıdır)

