

Tissue system in plants

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Plan

1. **Epidermal tissue system**
2. **Ground tissue system**
3. **Vascular tissue system**



1. Epidermal tissue system



1.1. Epidermal tissue system



- guard cell
- stomatal slit
- stomata
- epidermal cell



1.2. Functions of epidermal tissue system

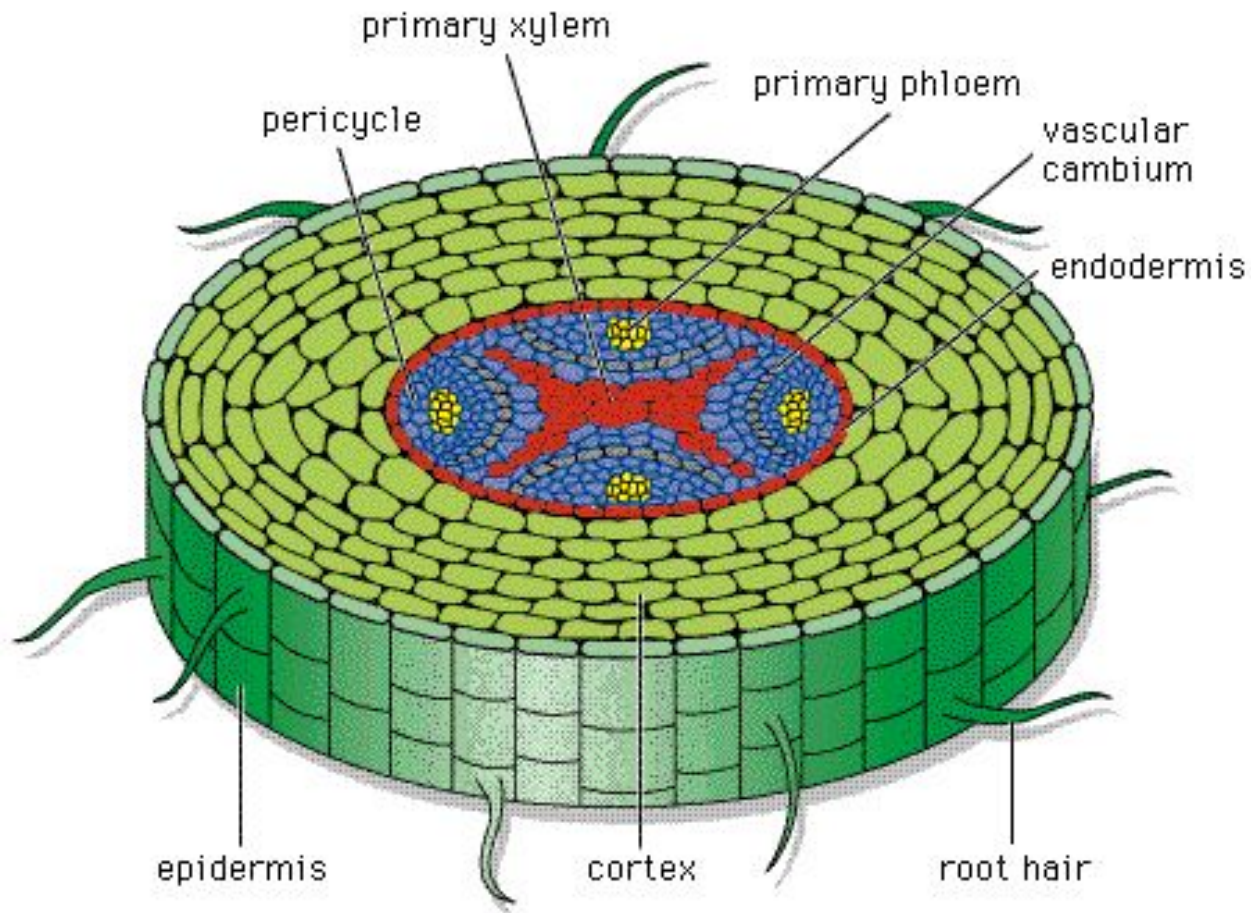
1. **Protecting**
2. **Water and gas exchange**
3. **Regulation of transpiration**



2. Ground tissue system



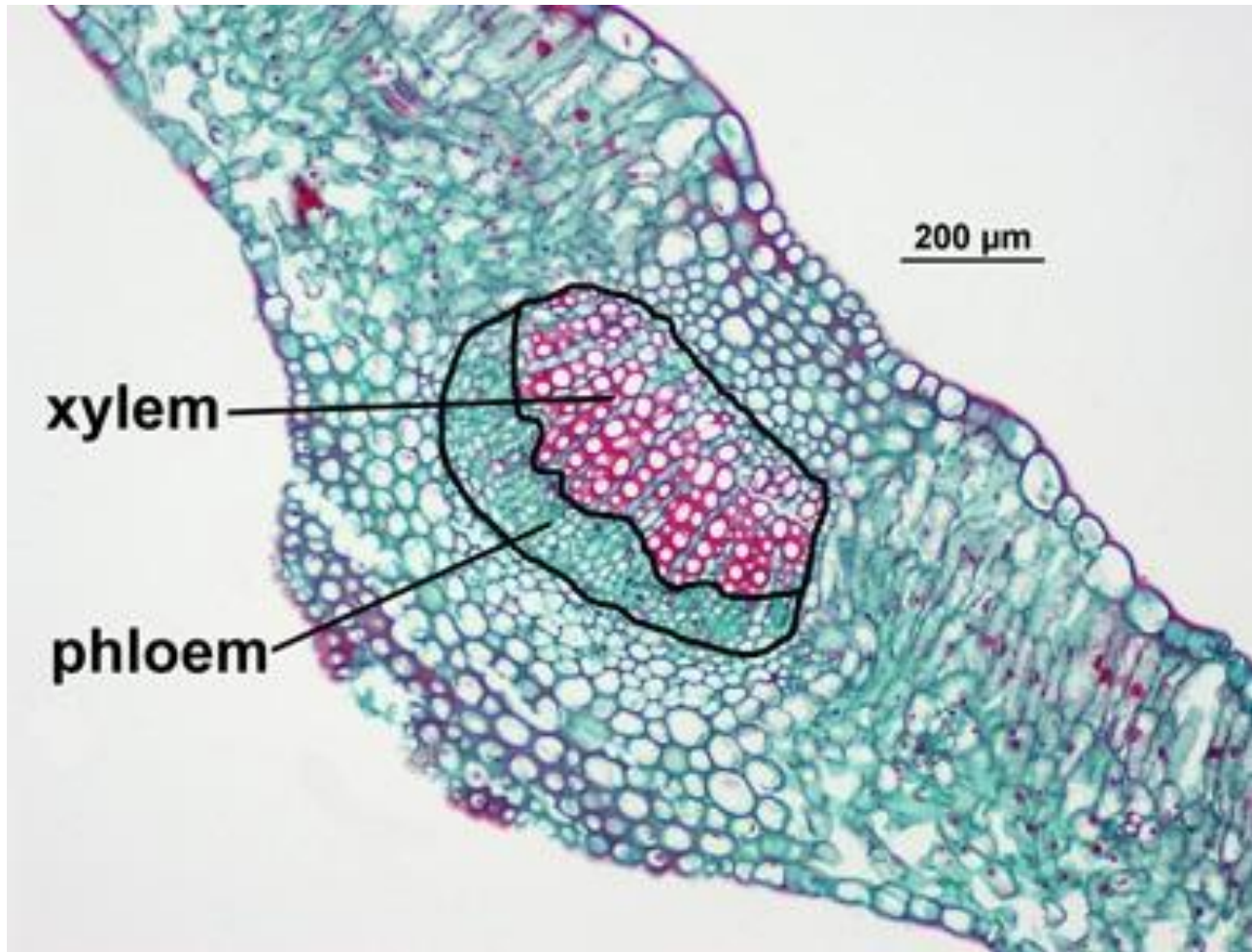
2. 1. Ground tissue system



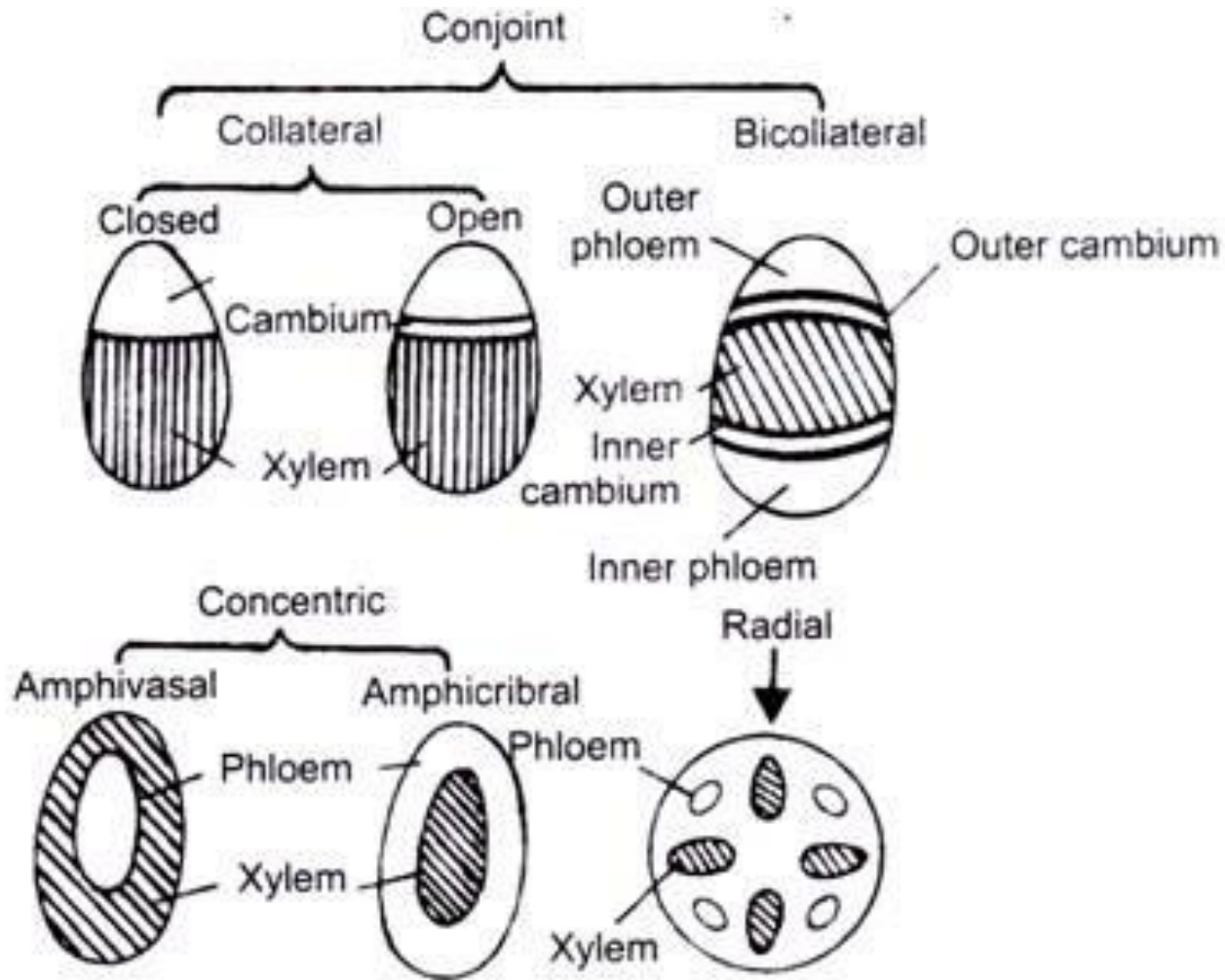
3. Vascular tissue system



3.1. Vascular bundle

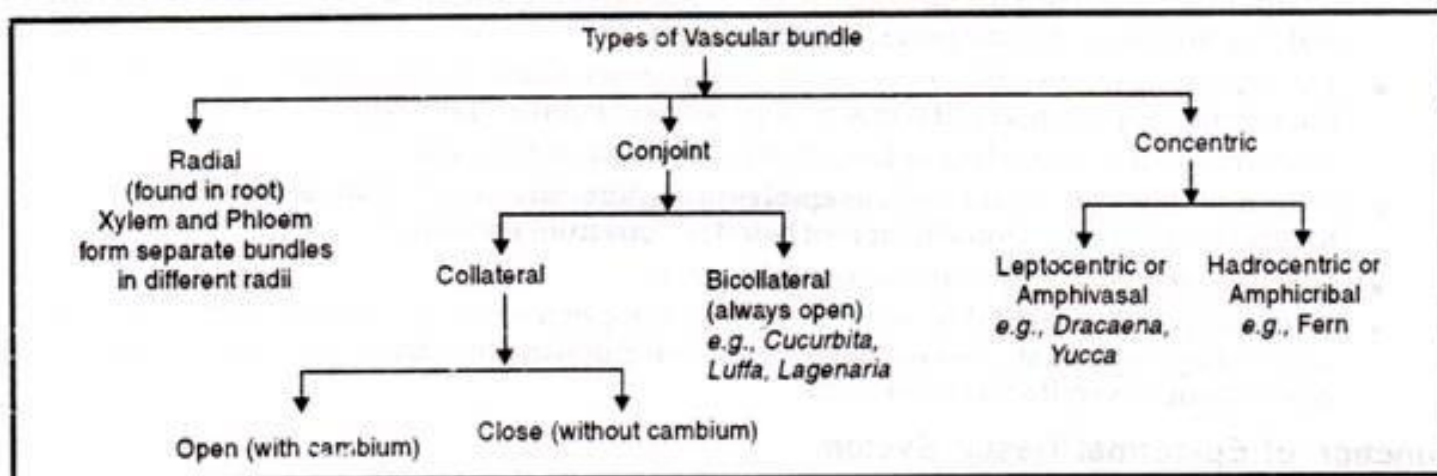


3. 2. Types of vascular bundles



Conclusion

<i>Tissue System</i>	<i>Components</i>	<i>Functions</i>
Dermal Tissue System	Epidermis Periderm (in older stems and roots)	<ul style="list-style-type: none"> ● protection ● prevention of water loss
Ground Tissue System	Parenchyma tissue Collenchyma tissue Sclerenchyma tissue	<ul style="list-style-type: none"> ● photosynthesis ● food storage ● regeneration ● support ● protection
Vascular Tissue System	Vascular bundles – Xylem tissue – Phloem tissue	<ul style="list-style-type: none"> ● transport of water and minerals ● transport of food



Thank you for your attention!

