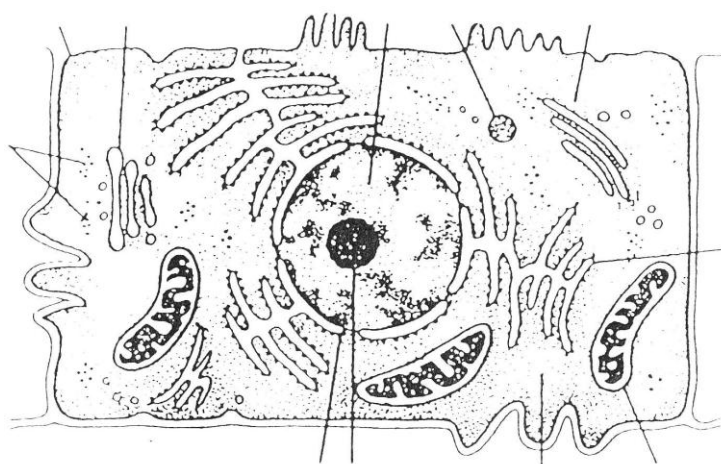
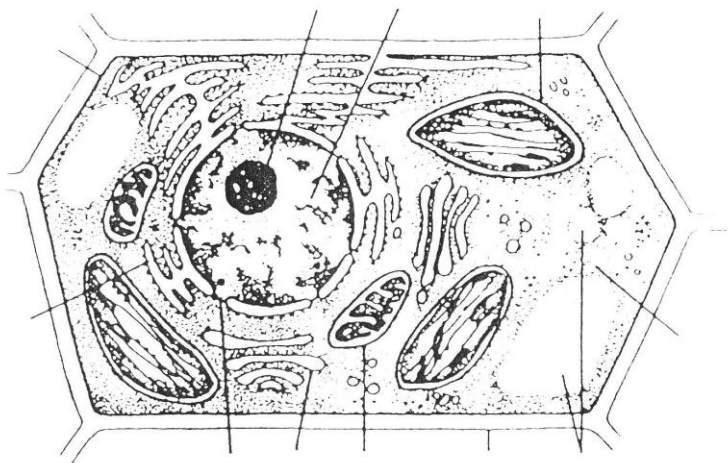
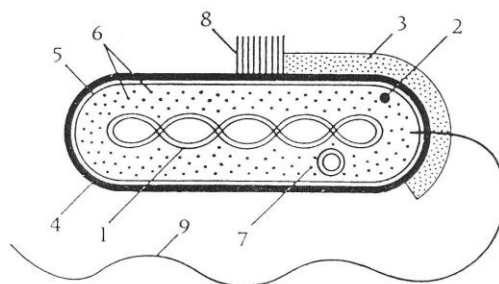
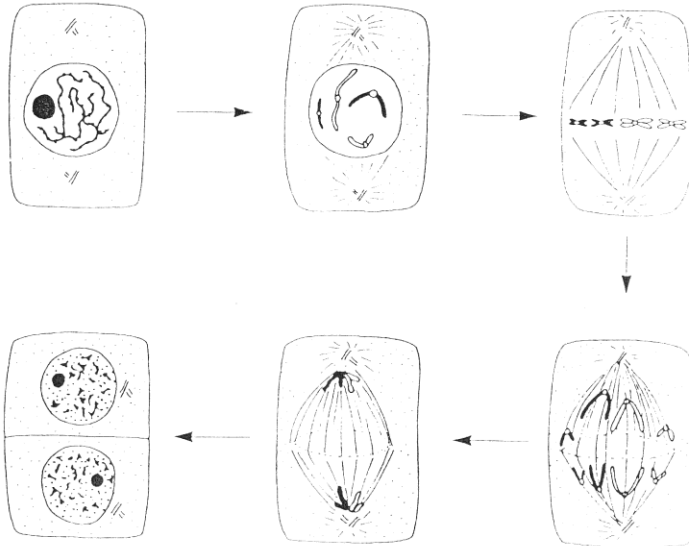
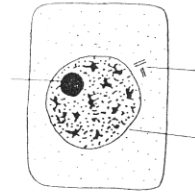


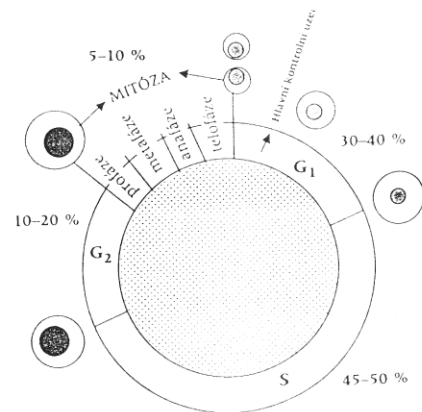
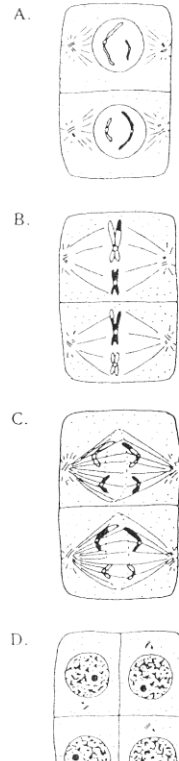
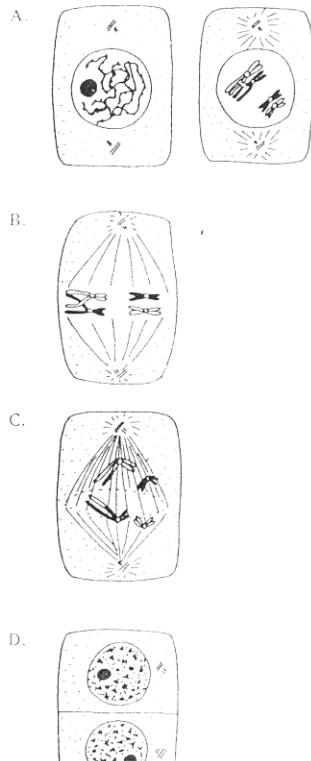
1. Buňka, dělení buněk, buněčný cyklus, fáze dělení



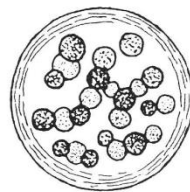
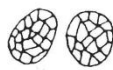
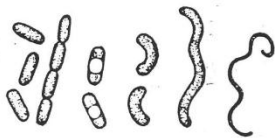
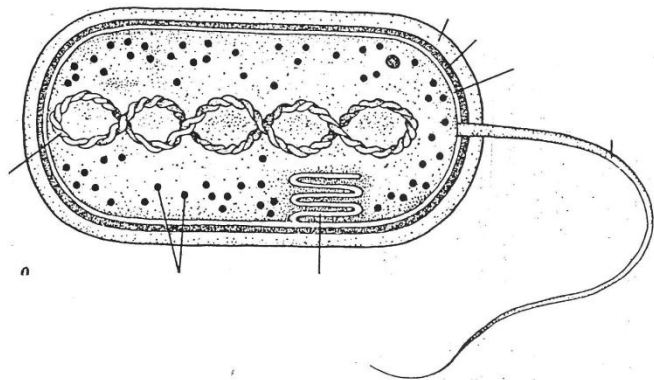
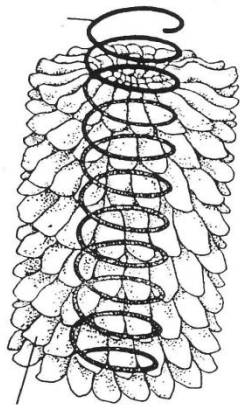
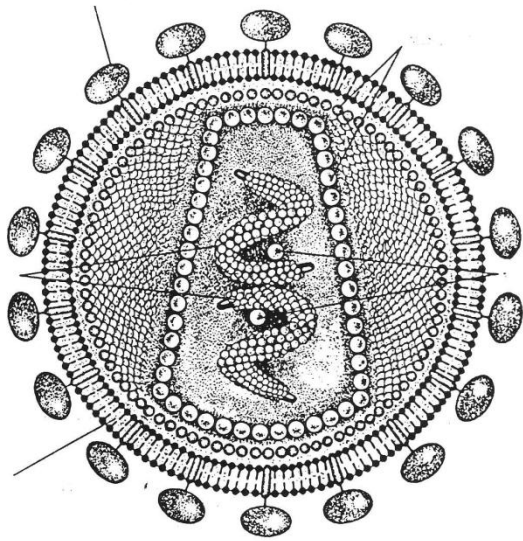
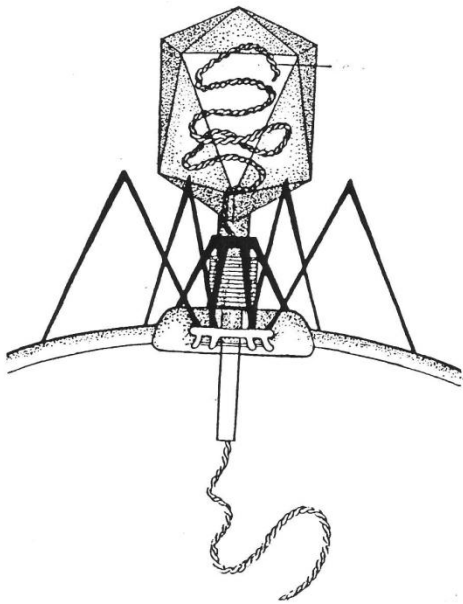
INTERFÁZE



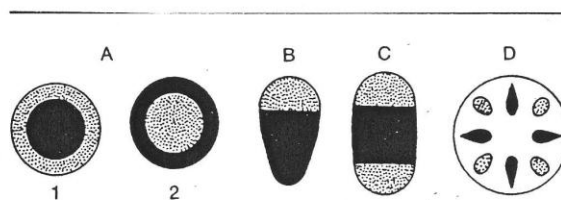
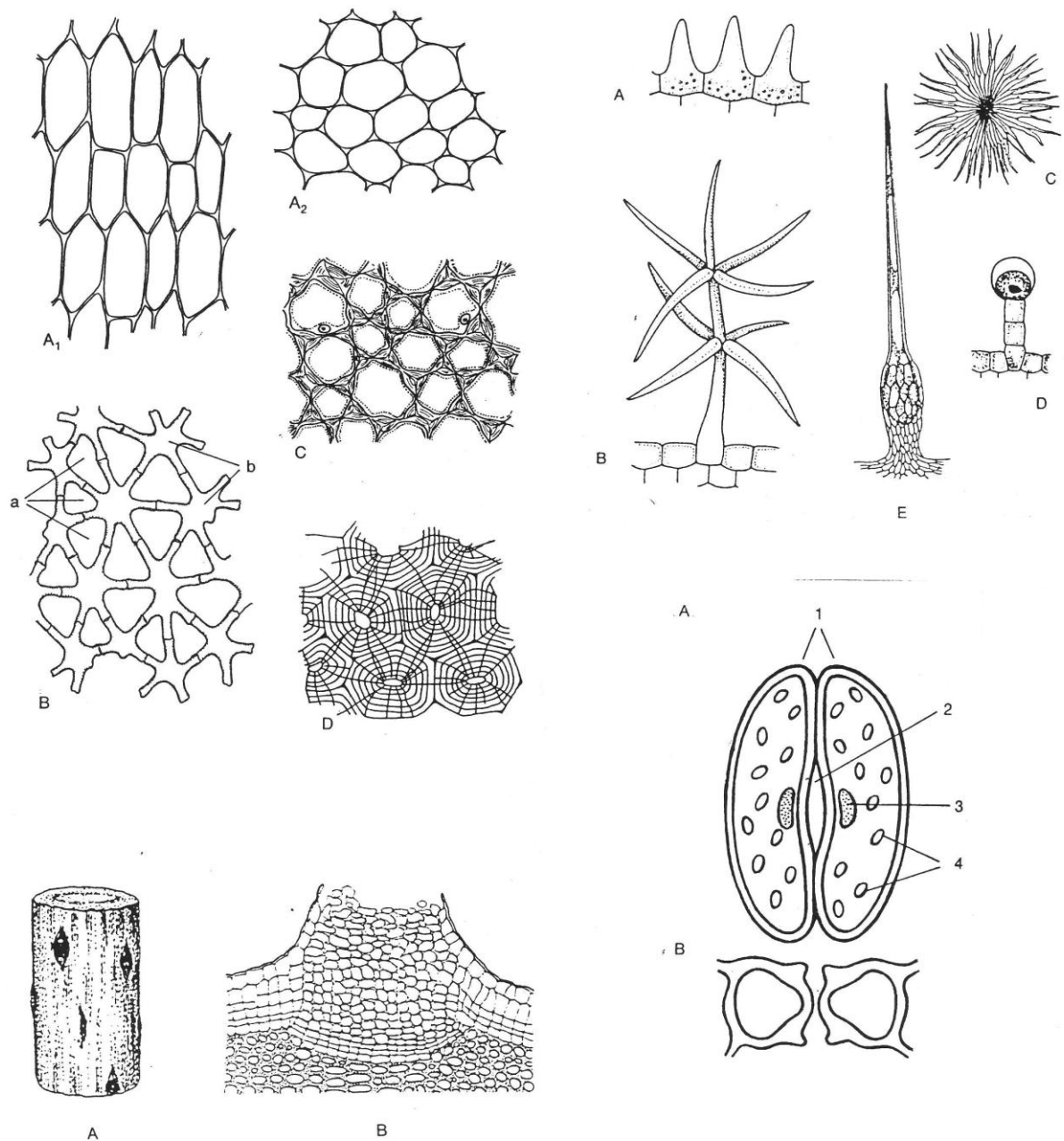
INTERFÁZE

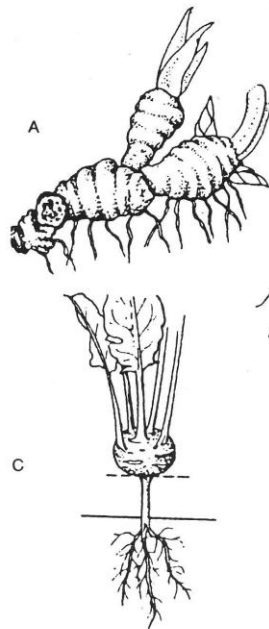
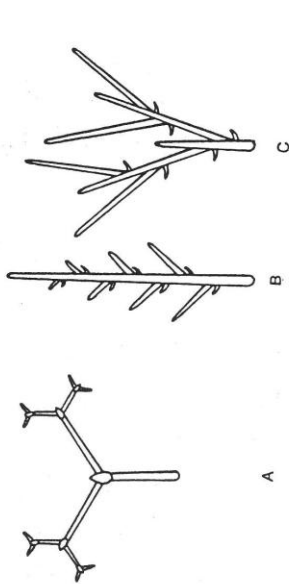
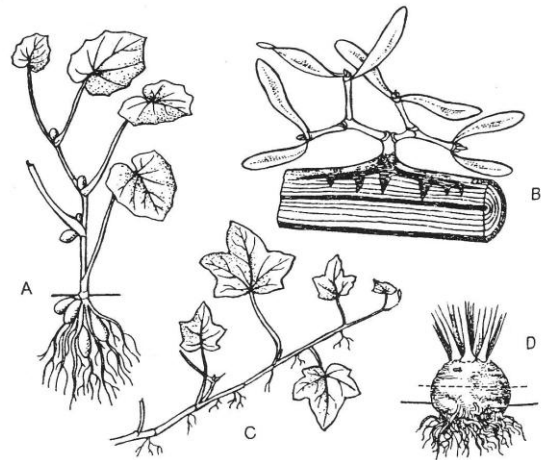
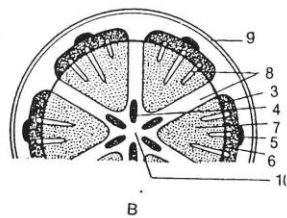
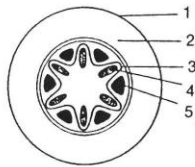
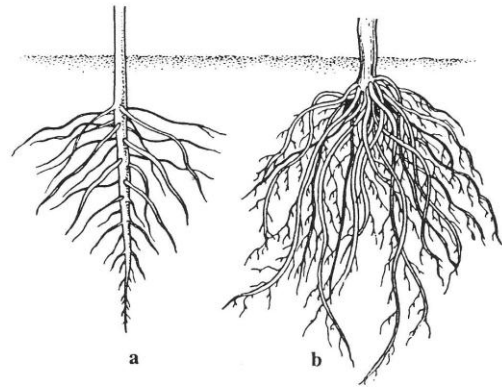
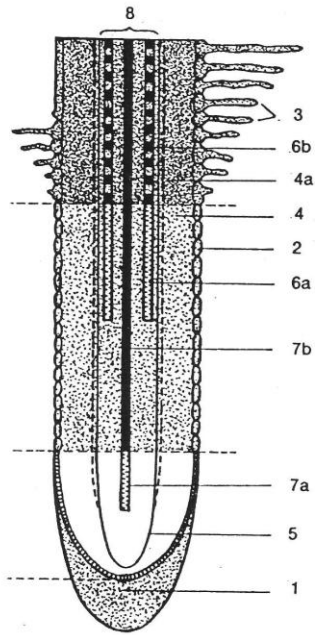


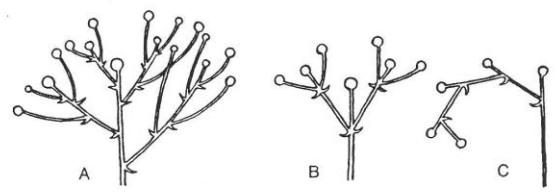
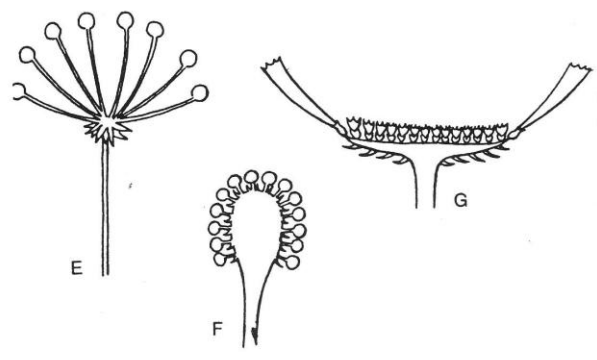
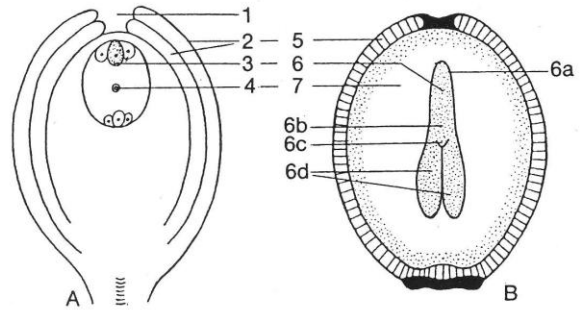
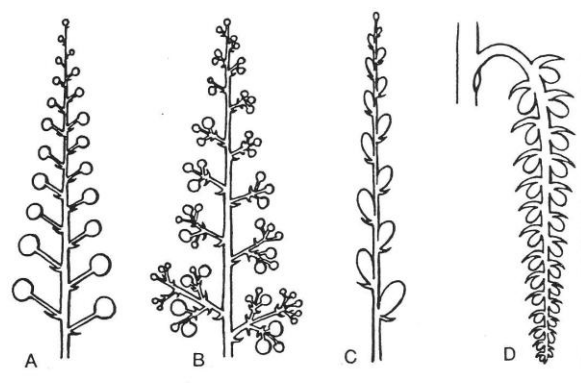
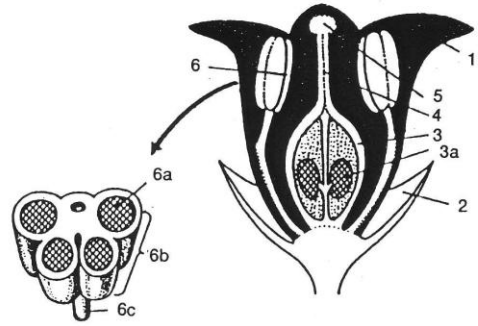
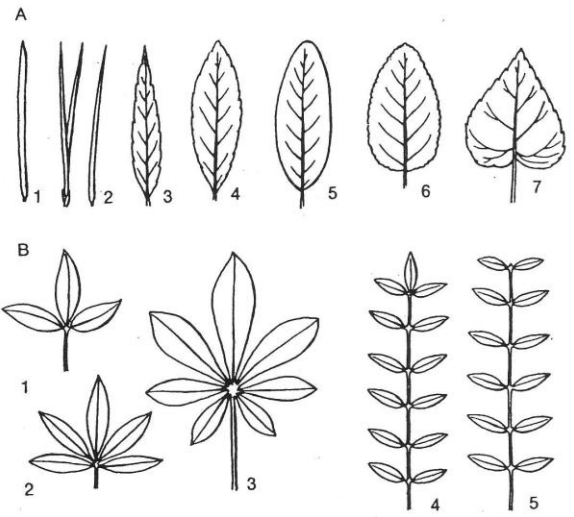
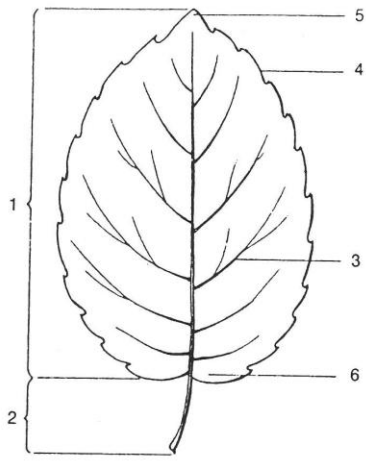
2. Viry, bakterie, sinice

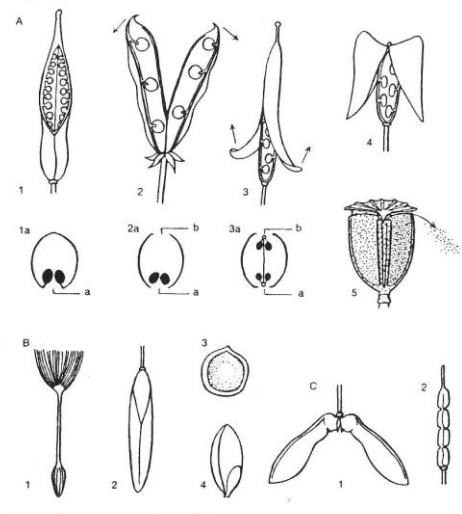
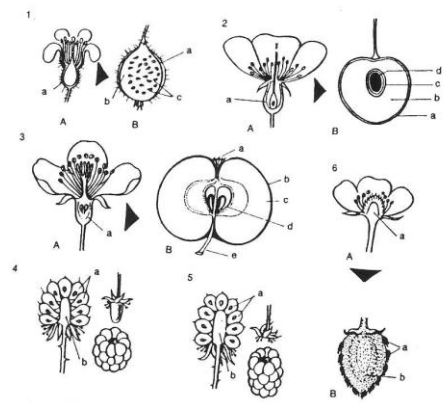


3. Rostlinná pletiva a orgány

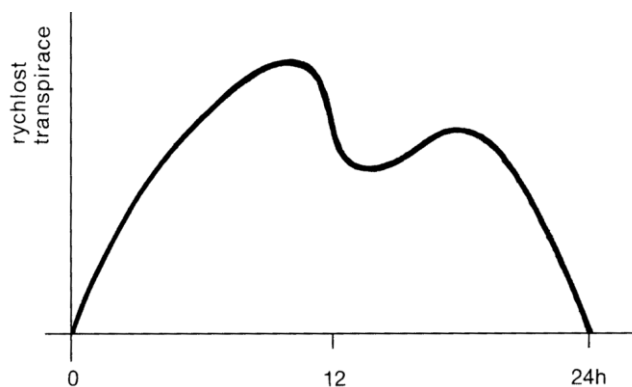
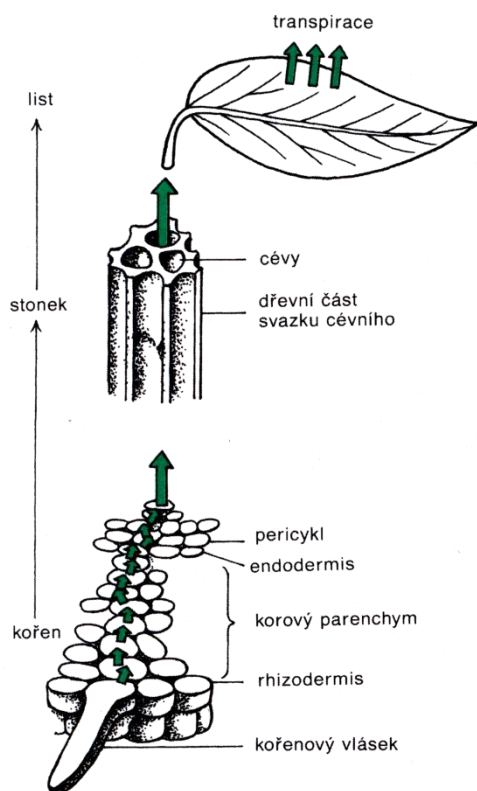
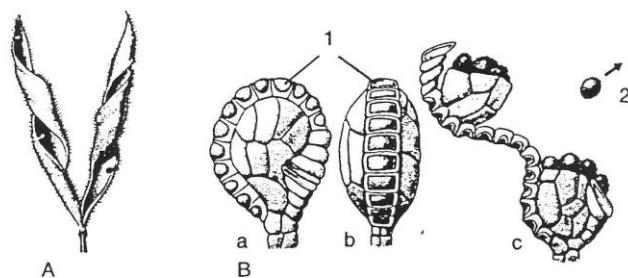
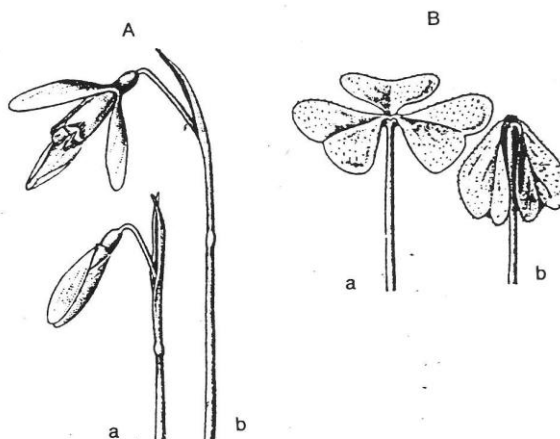
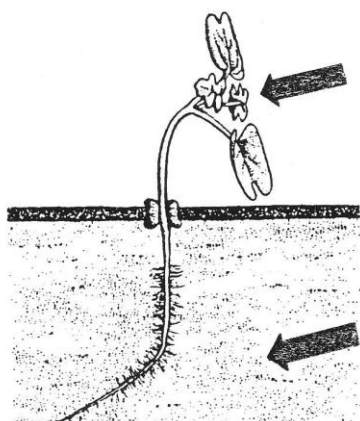


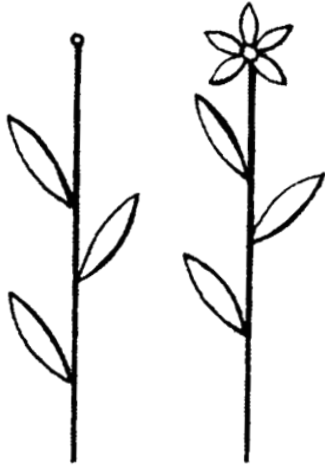

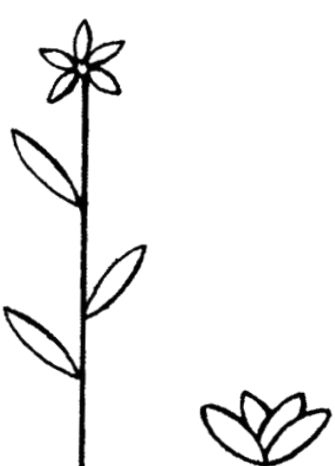


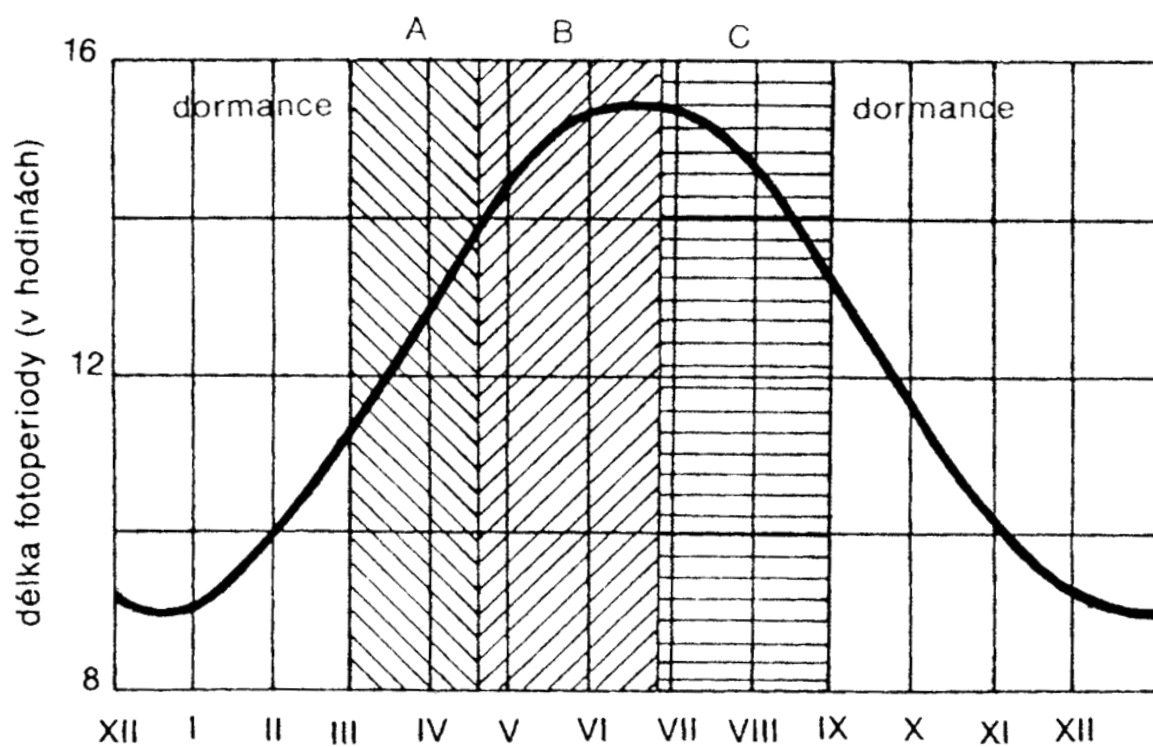




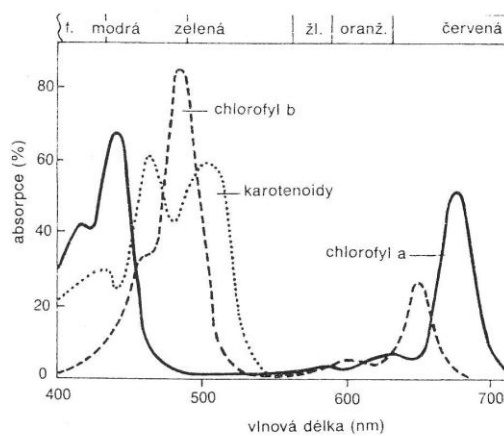
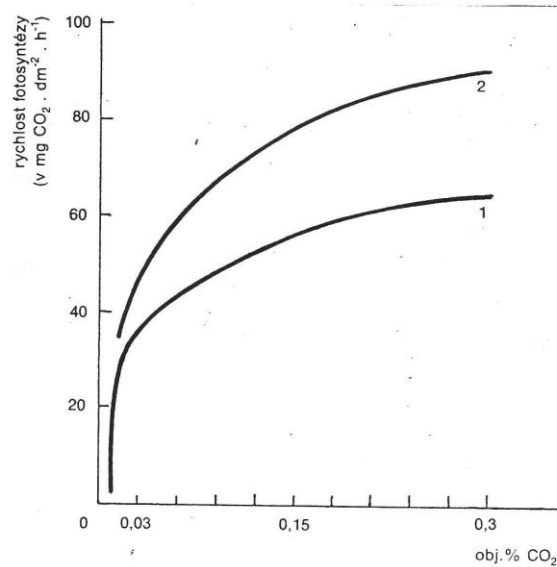
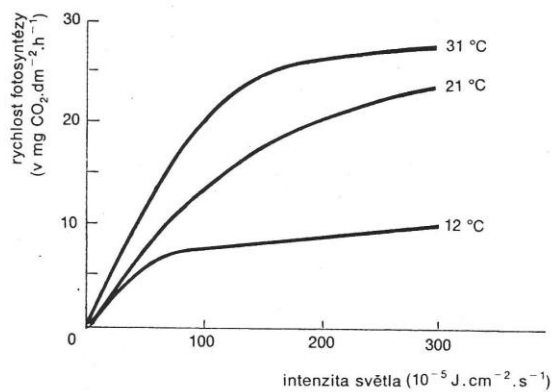
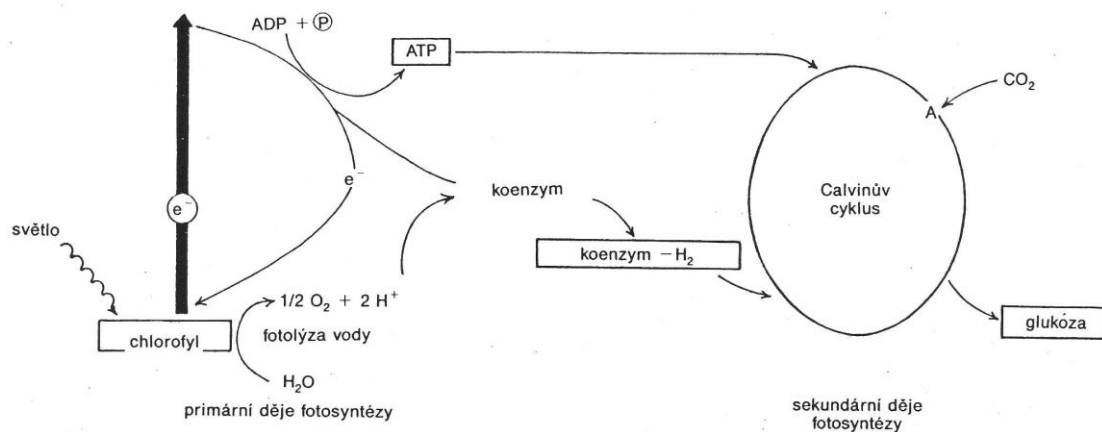
4. Fyziologie rostlin I – růst a vývoj rostlin, příjem a vedení vody, minerální výživa rostlin a pohyby rostlin

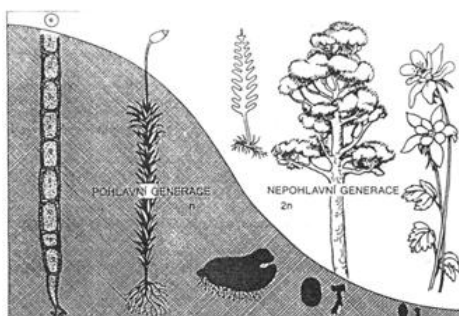
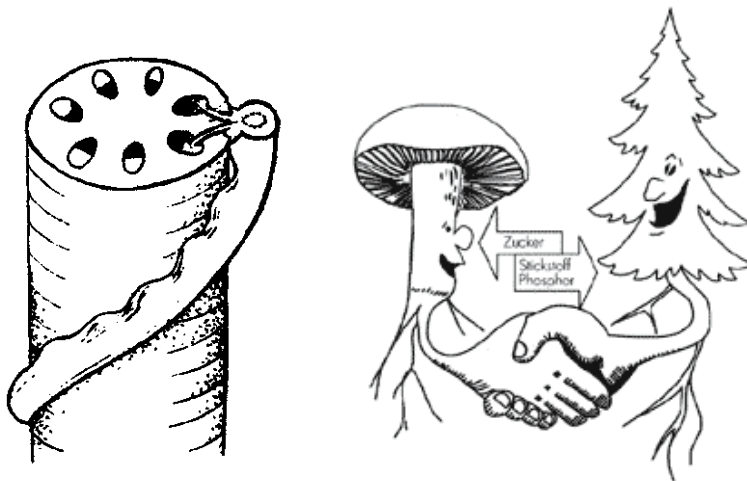
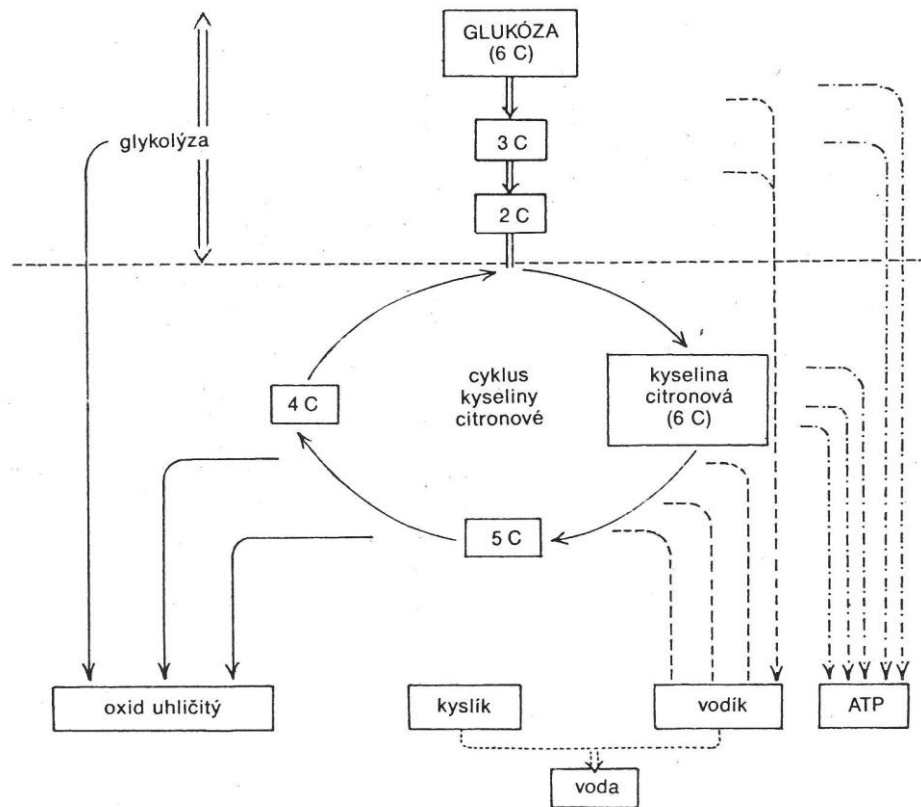


krátkodenní rostliny		neutrální rostliny	dlouhodenní rostliny	
DD	KD	DD, KD	DD	KD
				

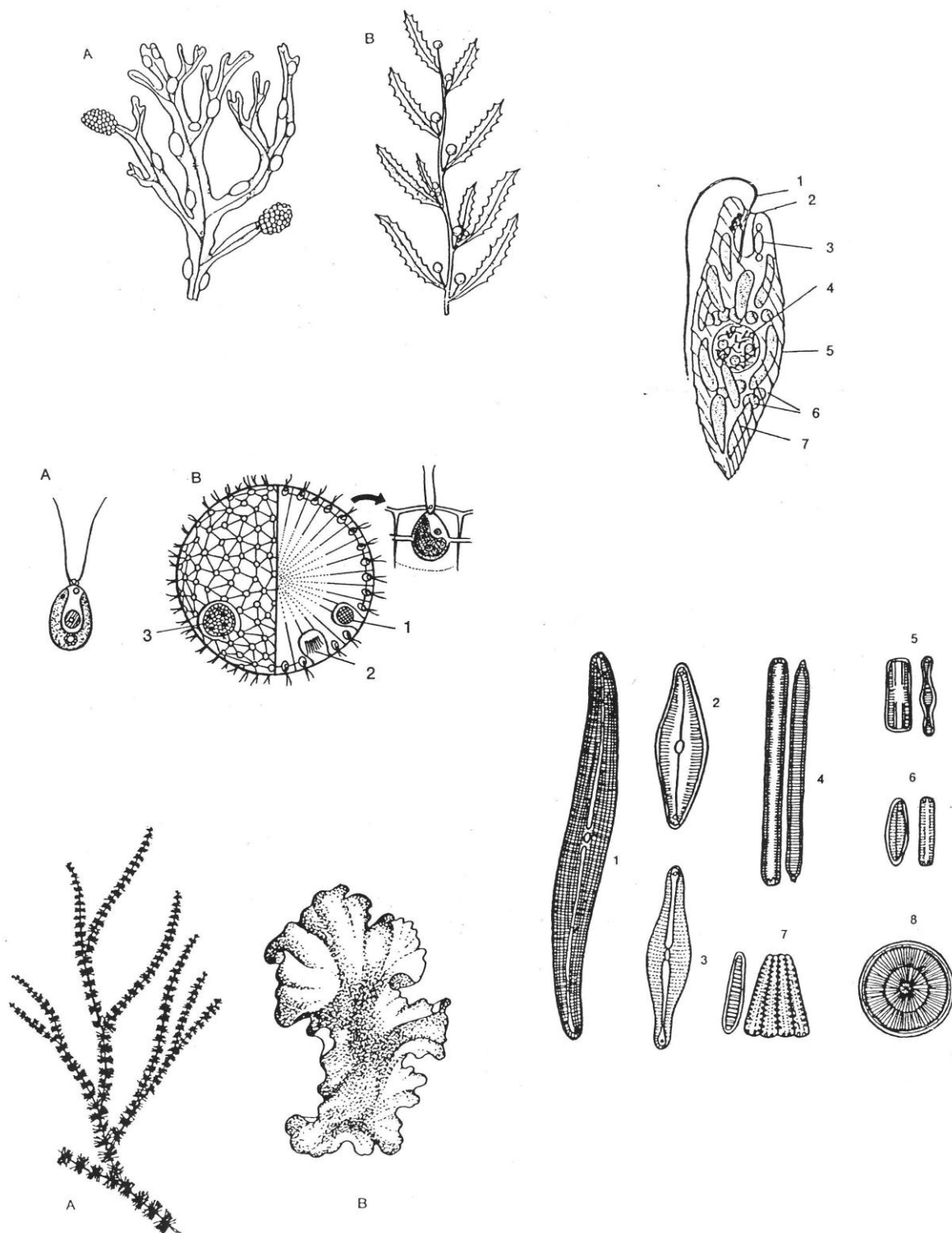


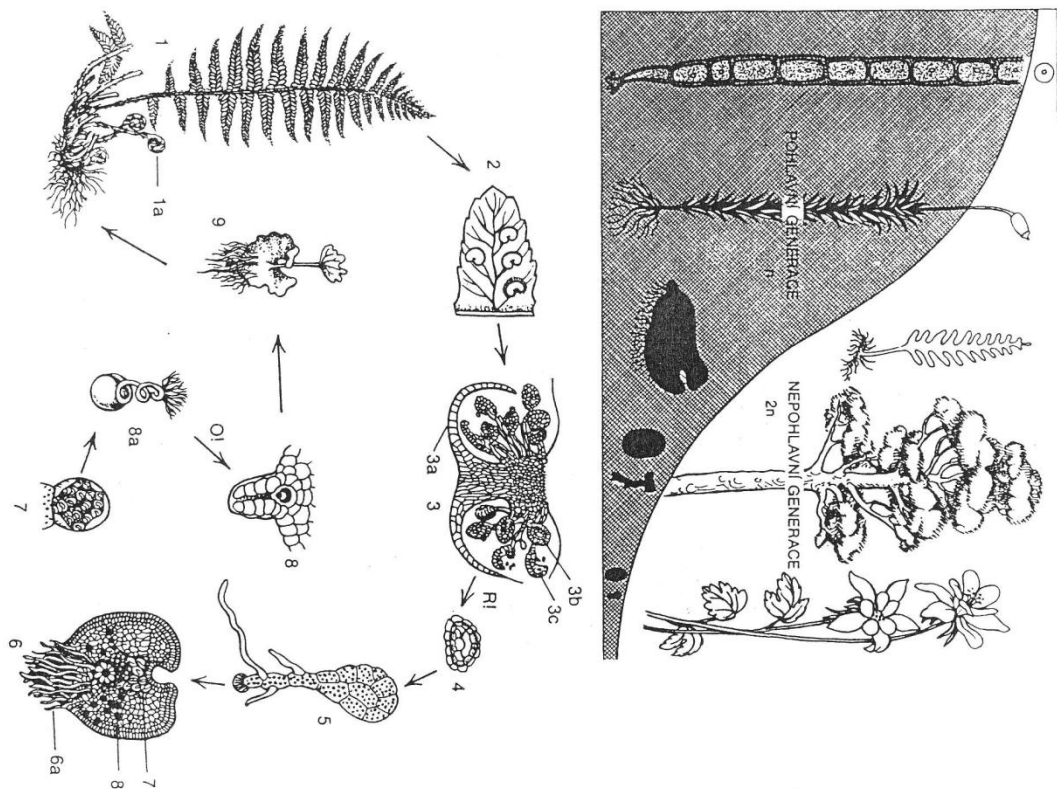
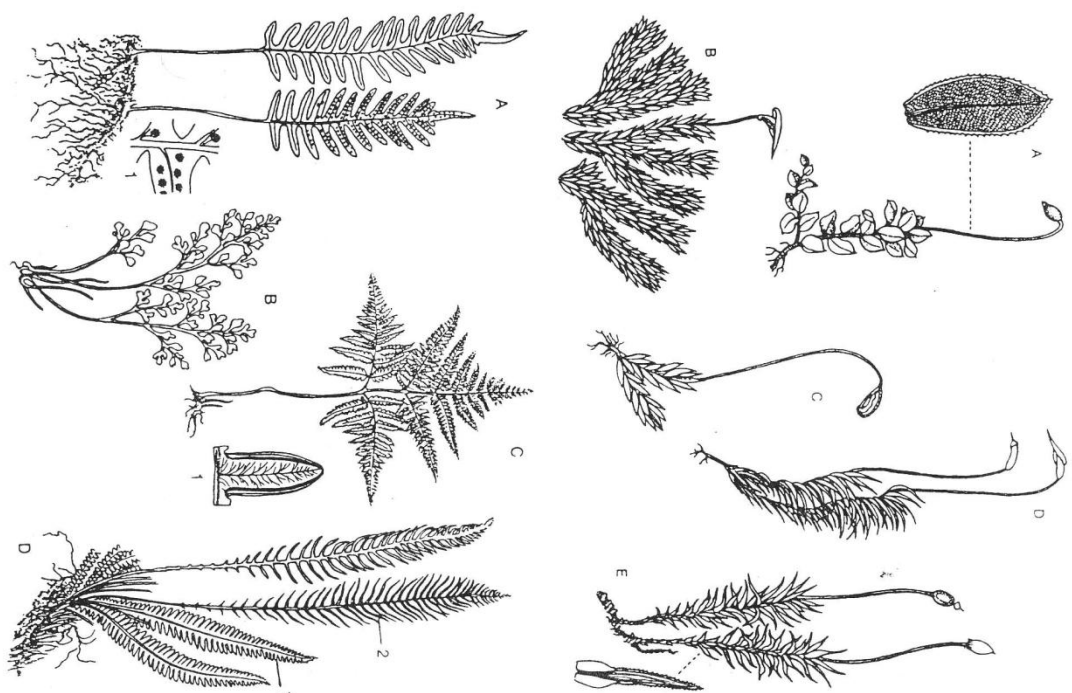
5. Fyziologie rostlin II – fotosyntéza, buněčné dýchání, způsoby výživy a rozmnožování rostlin



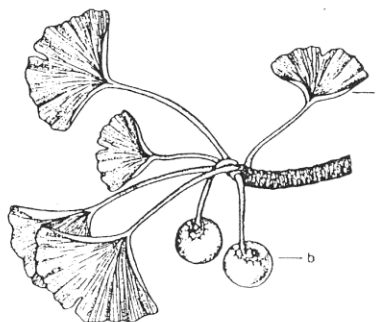
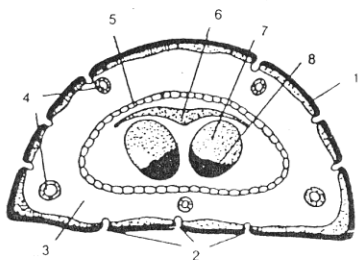
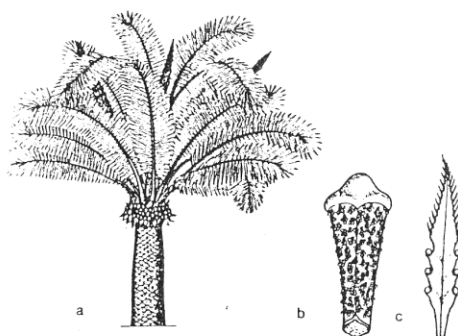
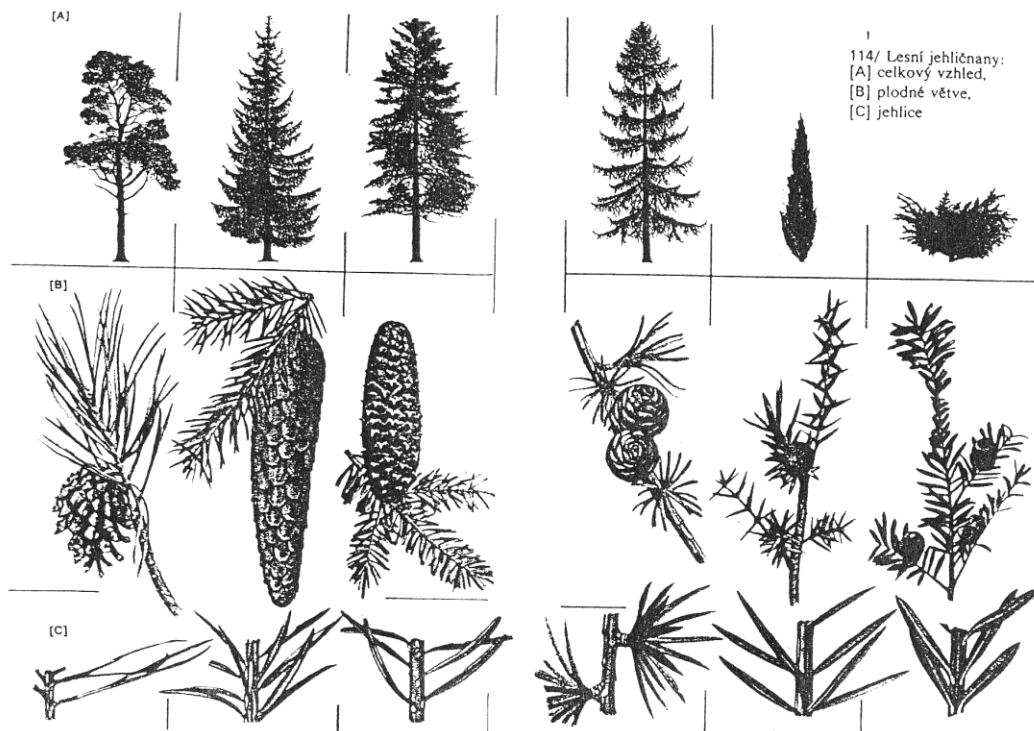


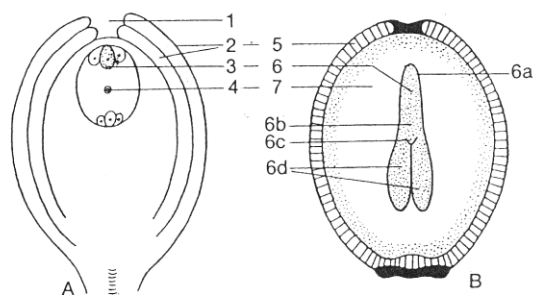
6. Chromista, výtrusné rostliny – řasy, mechorosty, kaprad'orosty

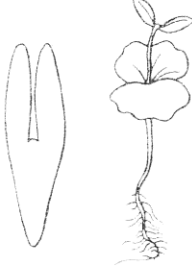
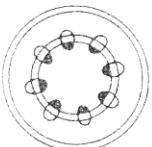


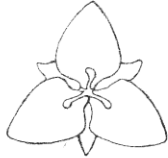
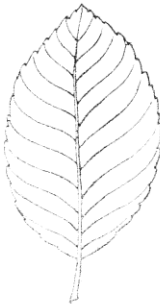
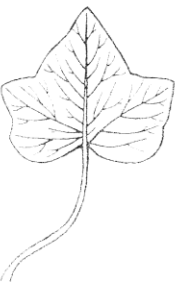

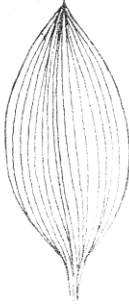




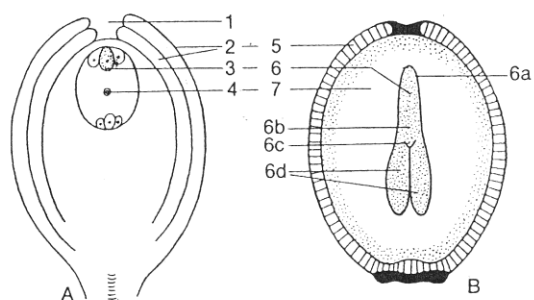
7. Semenné rostliny – nahosemenné a jednoděložné





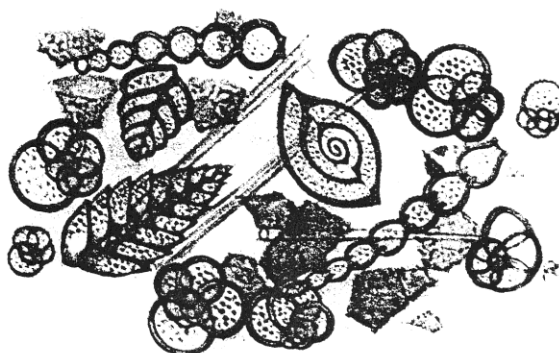
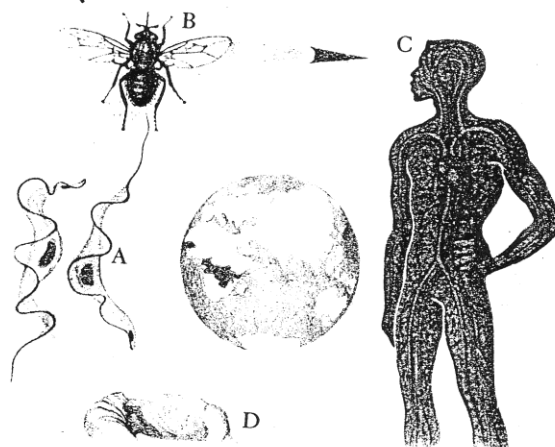
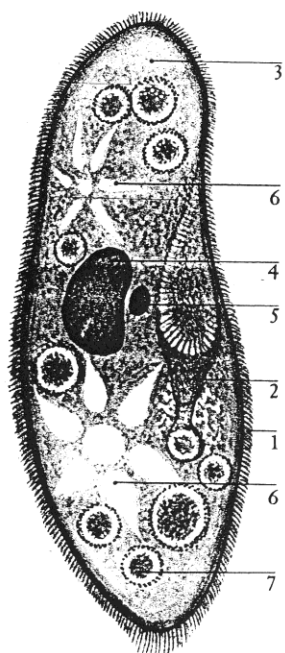
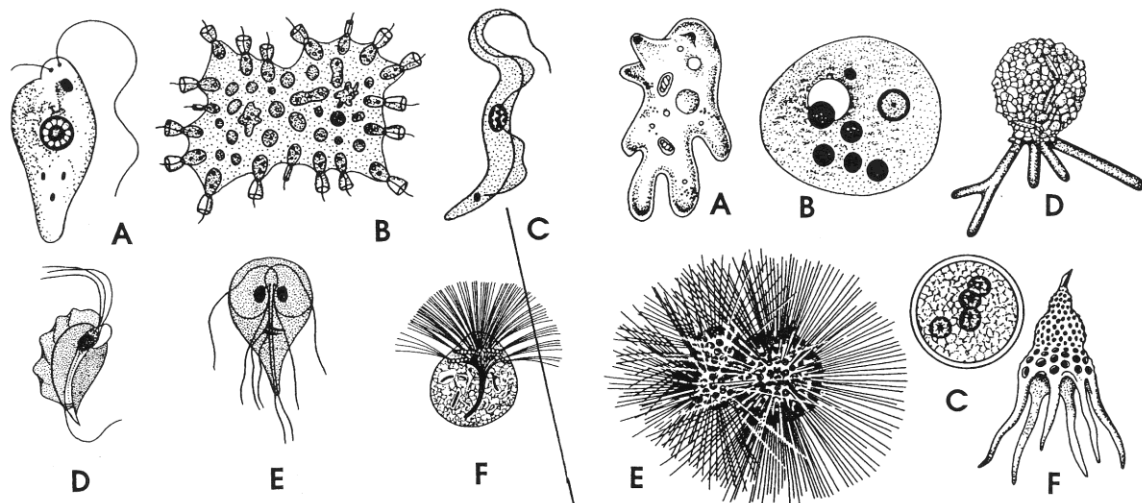
<p>Klíčení</p>  <p>Hlavní kořen</p>	<p>Uspořádání cévních svazků ve stonku</p>  
<p>Květy</p>  	<p>Listy</p>    

8. Semenné rostliny - dvouděložné

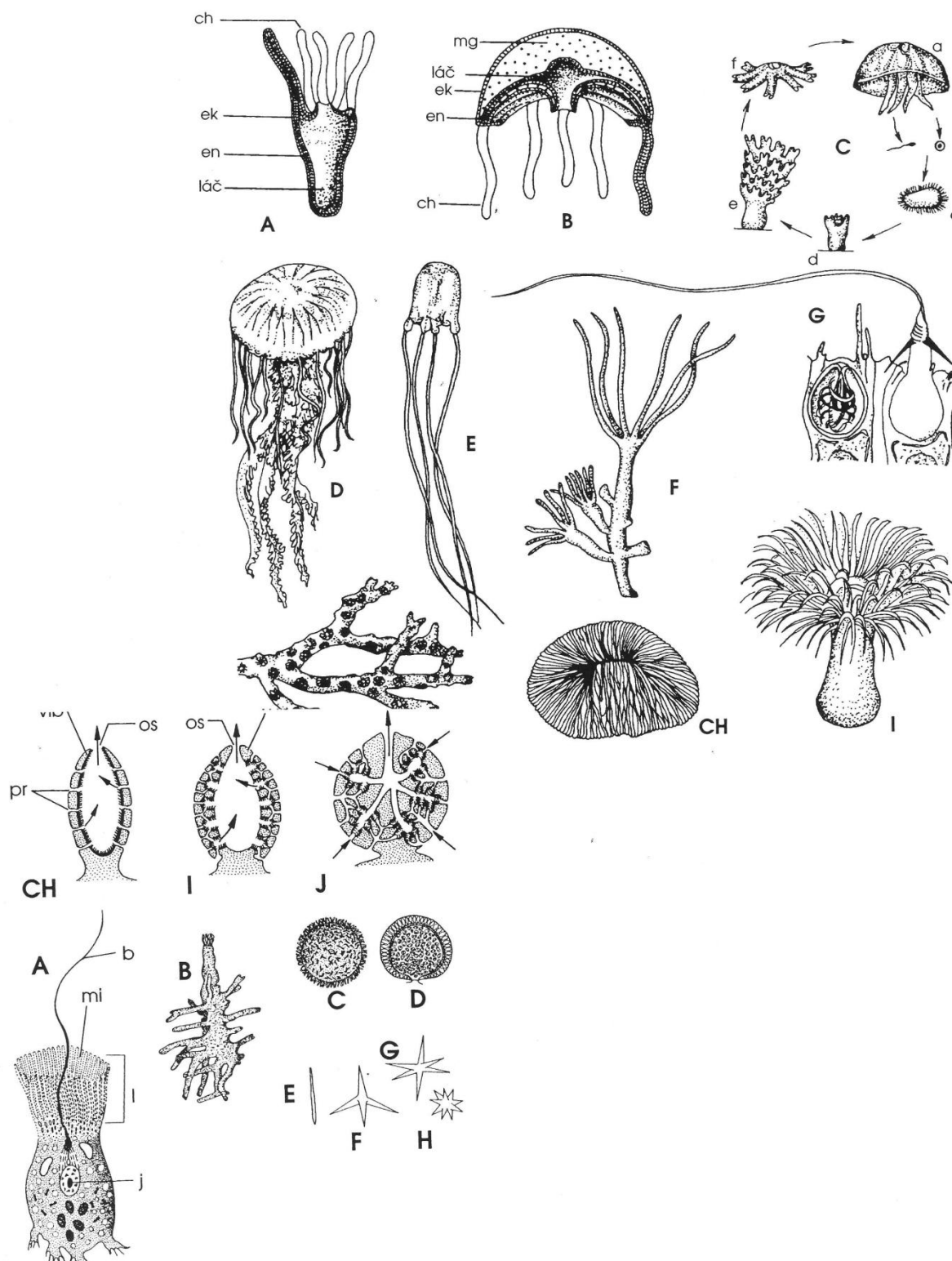


<p>Klíčení</p> <p>Hlavní kořen</p>	<p>Uspořádání cévních svazků ve stonku</p>
<p>Květy</p>	<p>Listy</p>

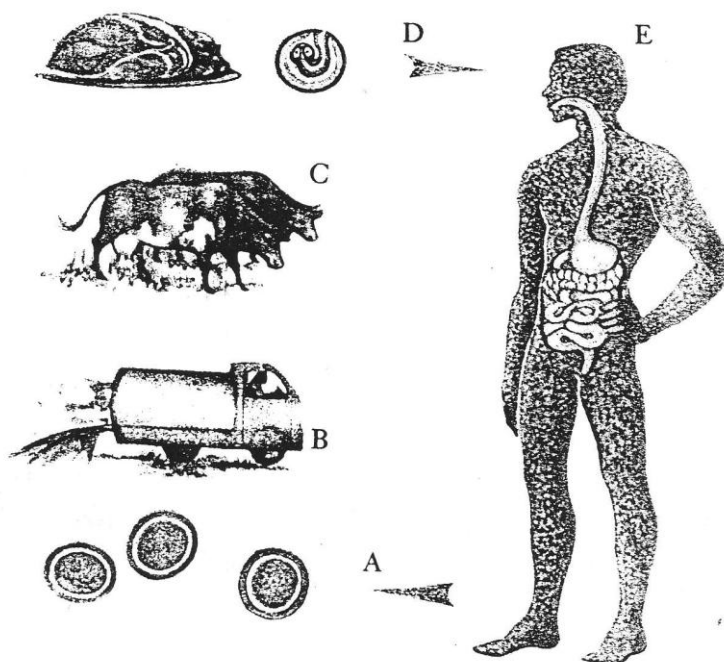
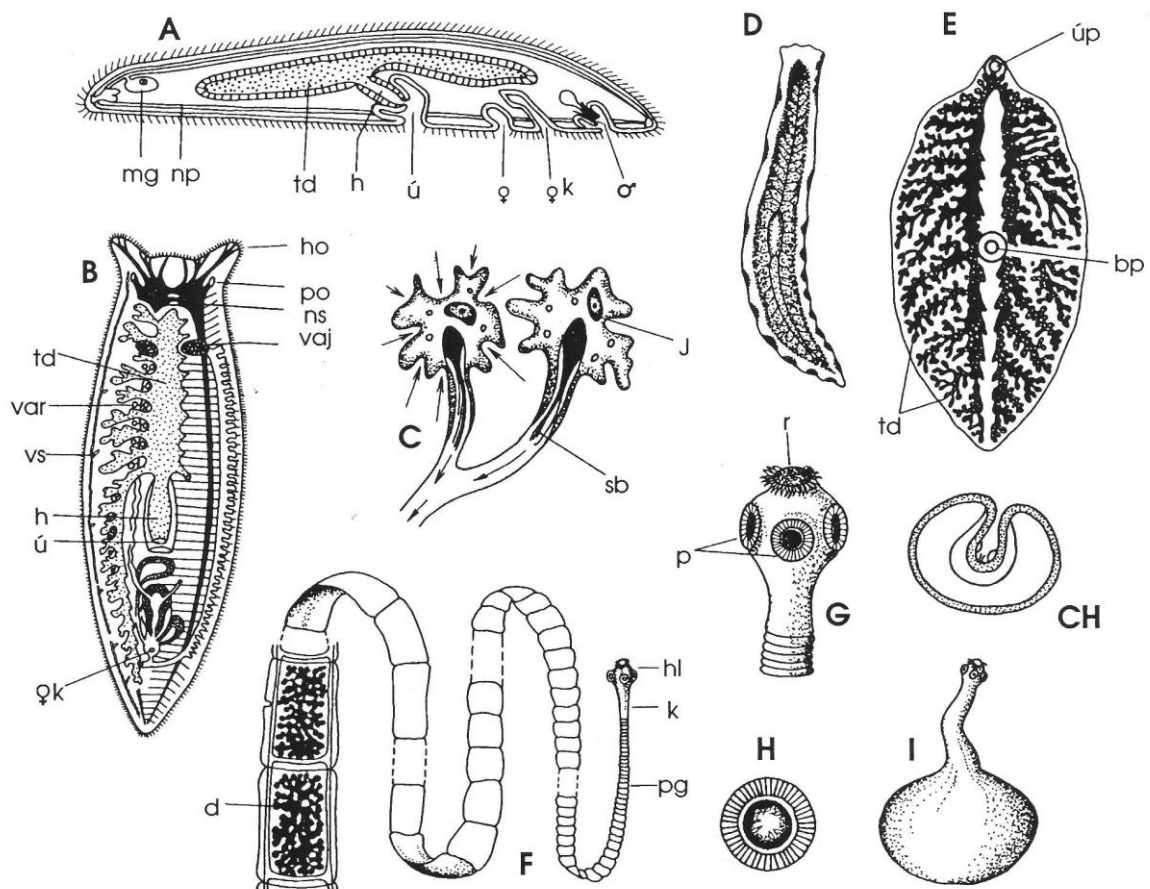
9. Prvoci



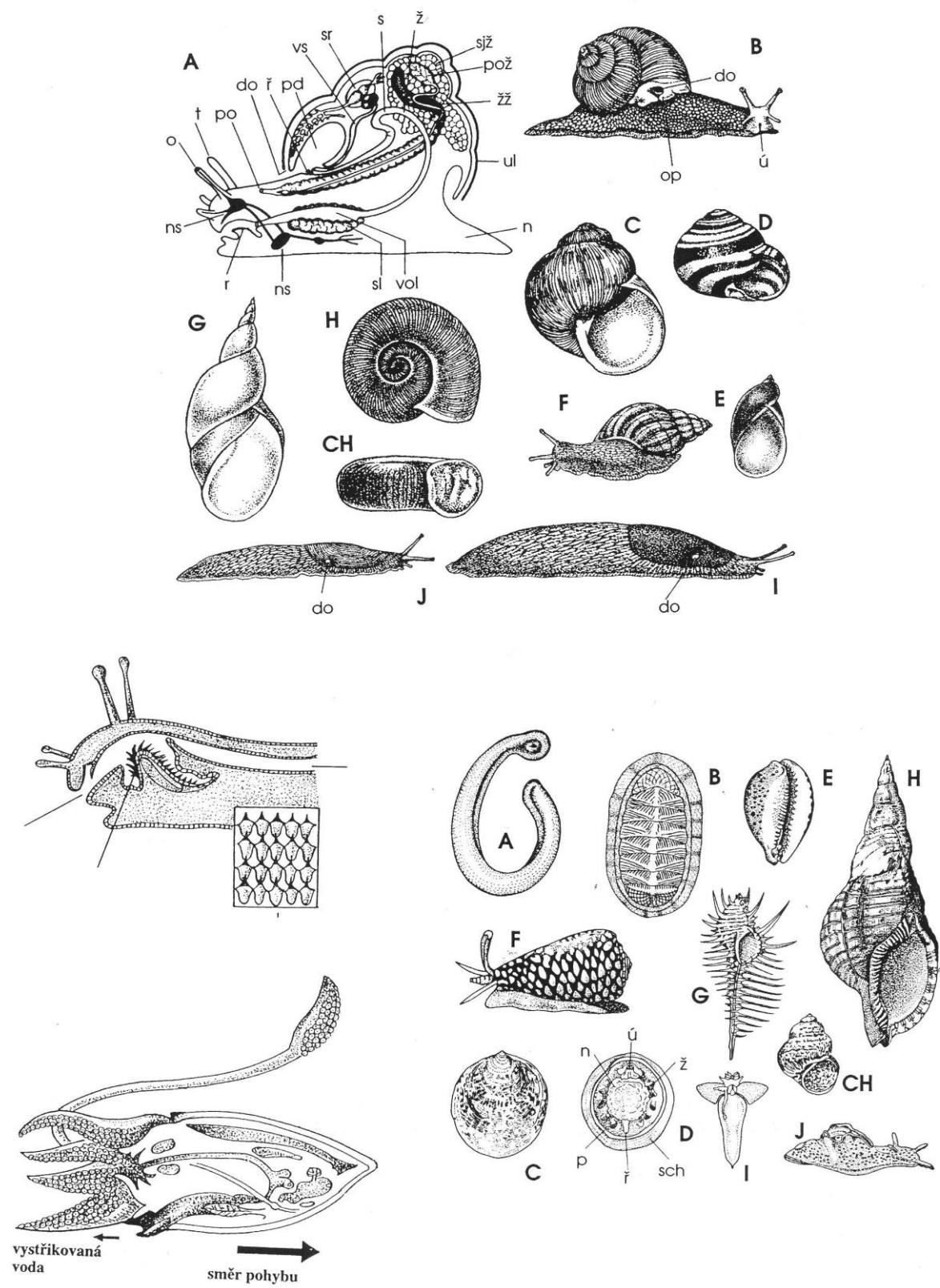
10. Diblastika – houbovci, žahavci

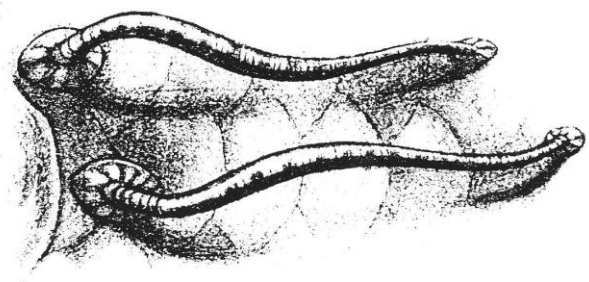
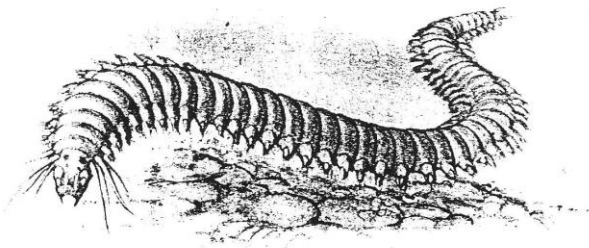
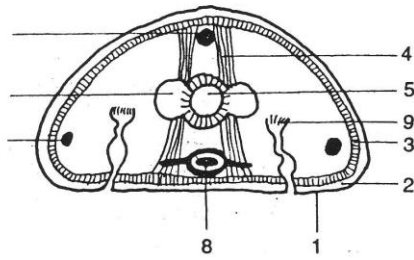
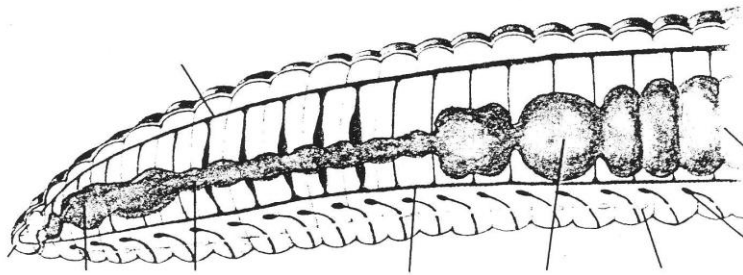


11. Ploštěnci a hlísti

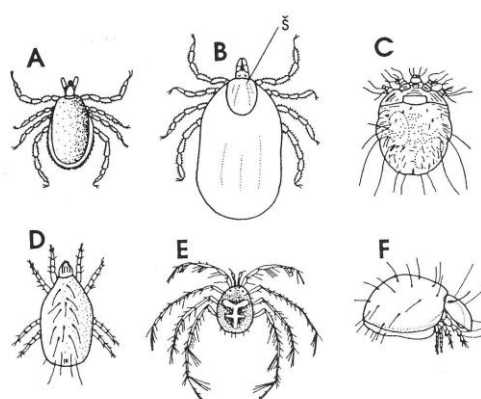
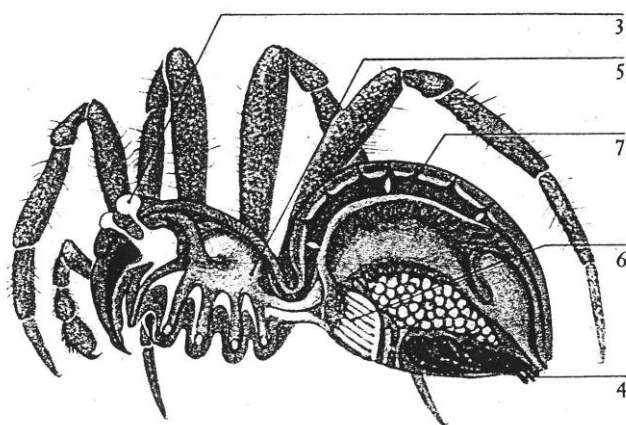
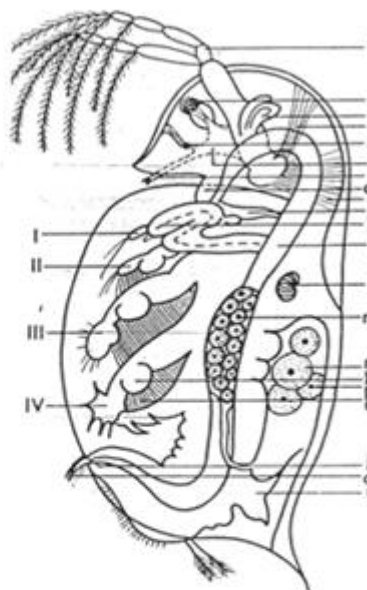
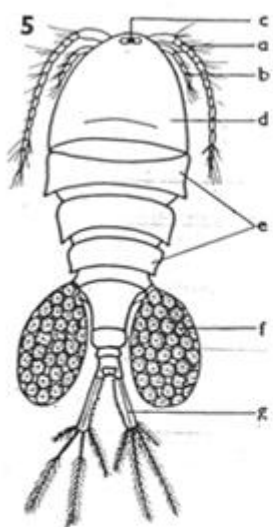


12. Měkkýši a kroužkovci

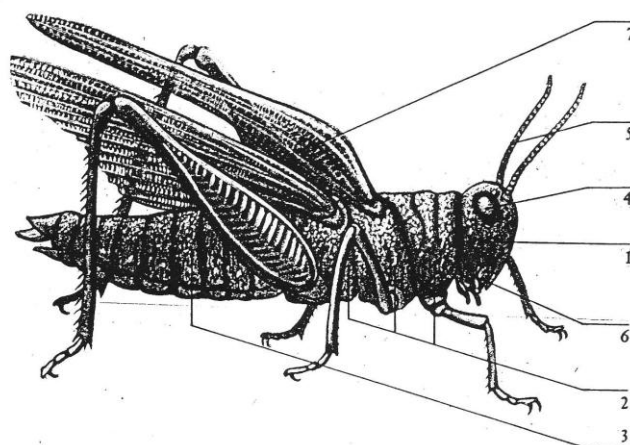
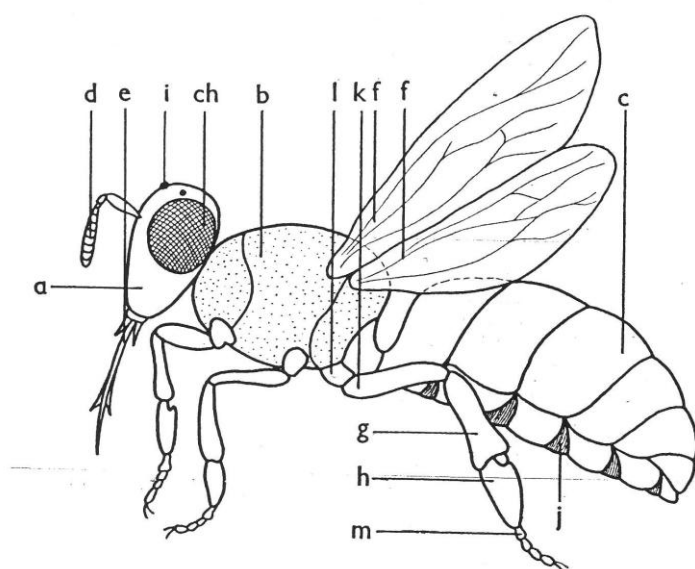


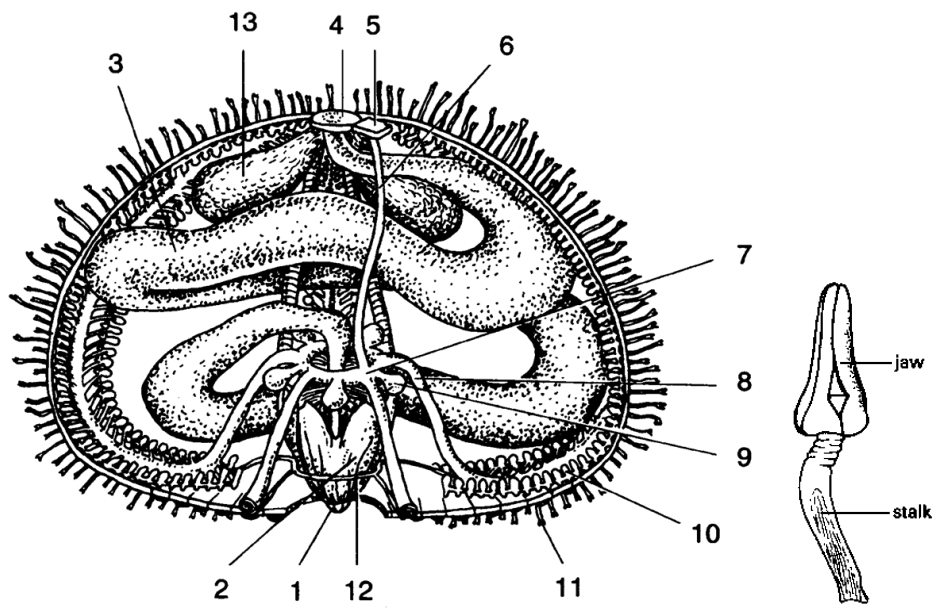


13. Členovci – trojlaločnatci, klepítkatci a žabernatí

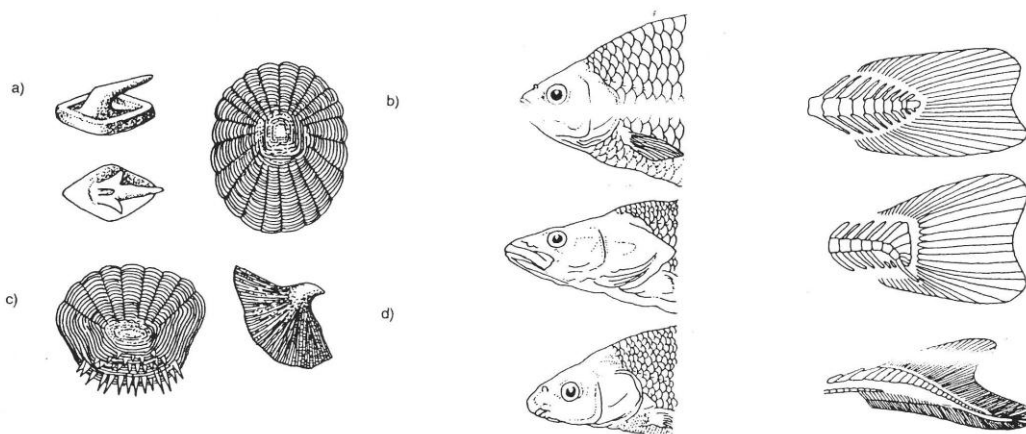
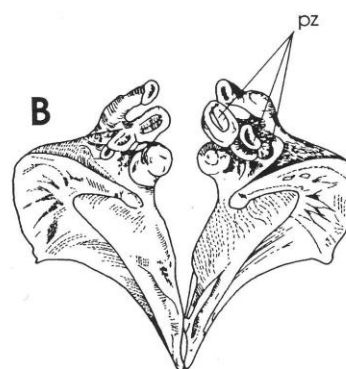
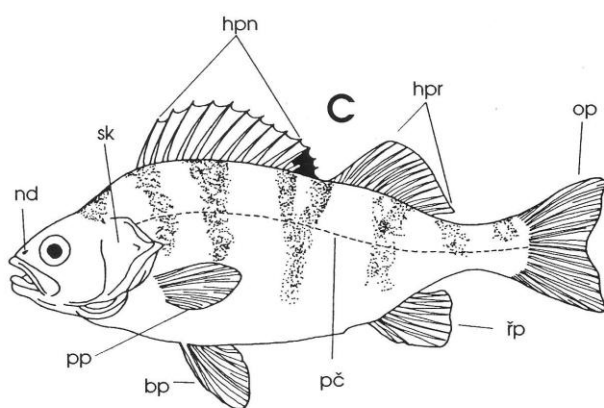
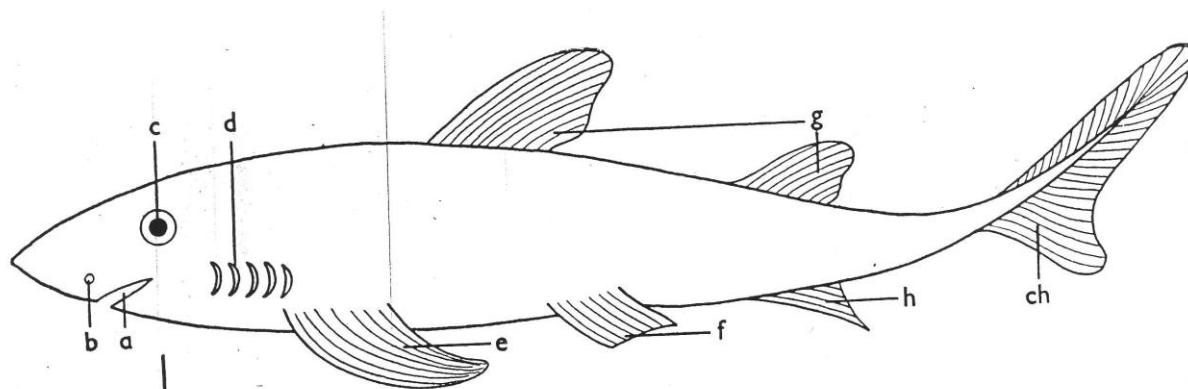


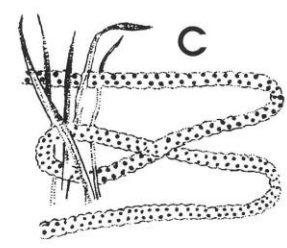
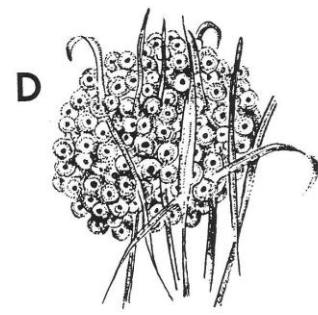
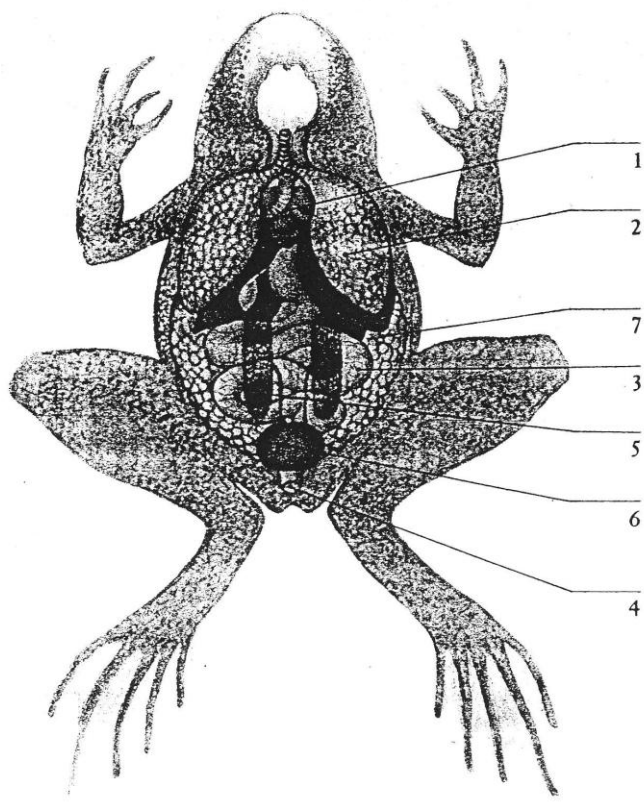
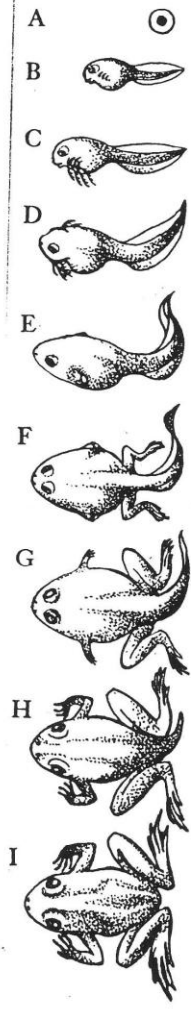
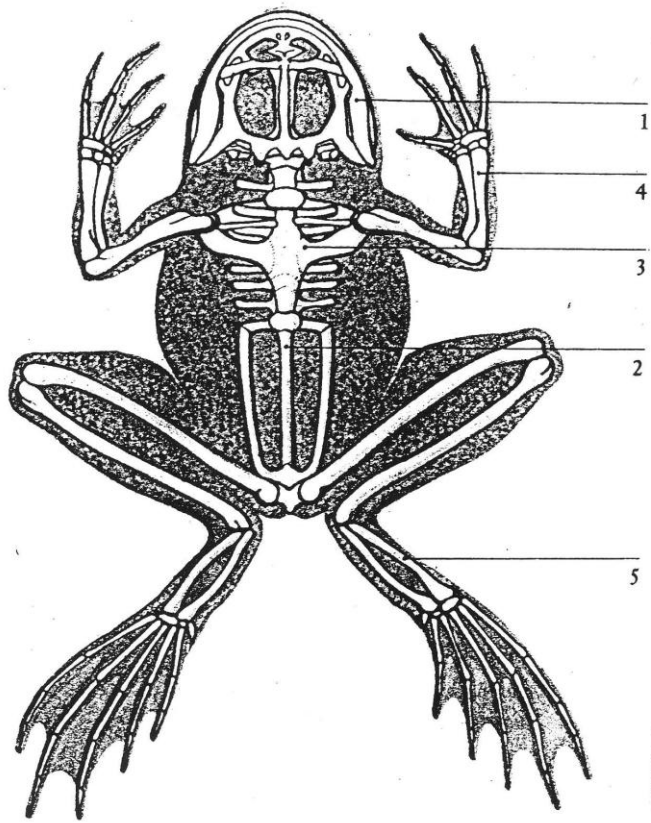
14. Členovci – vzdušnicovci a ostnokožci



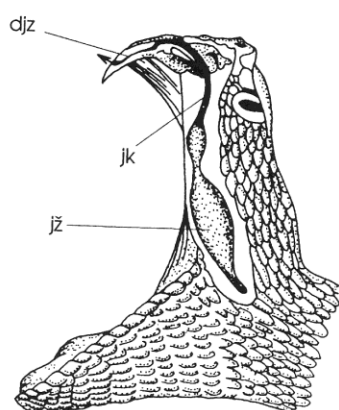
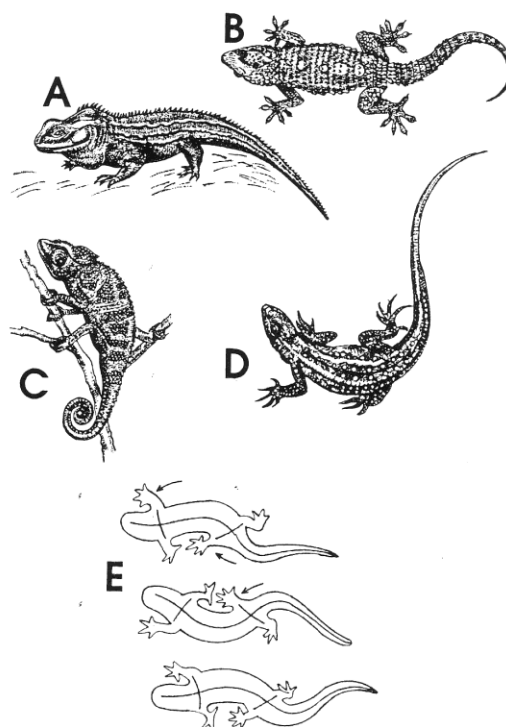
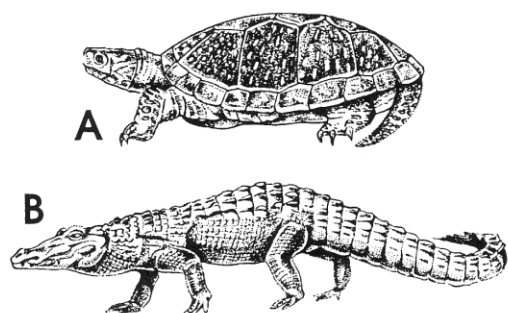
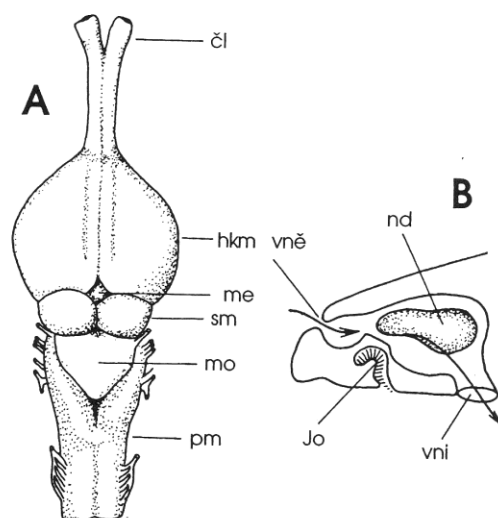
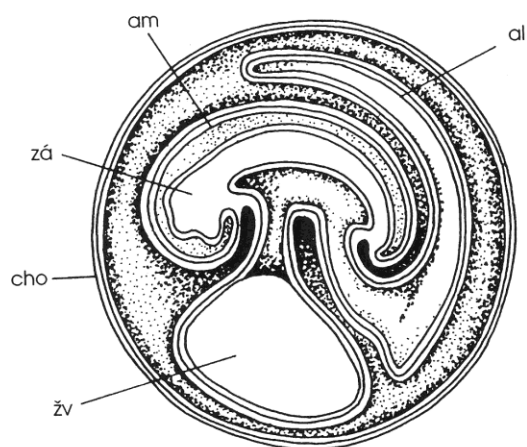


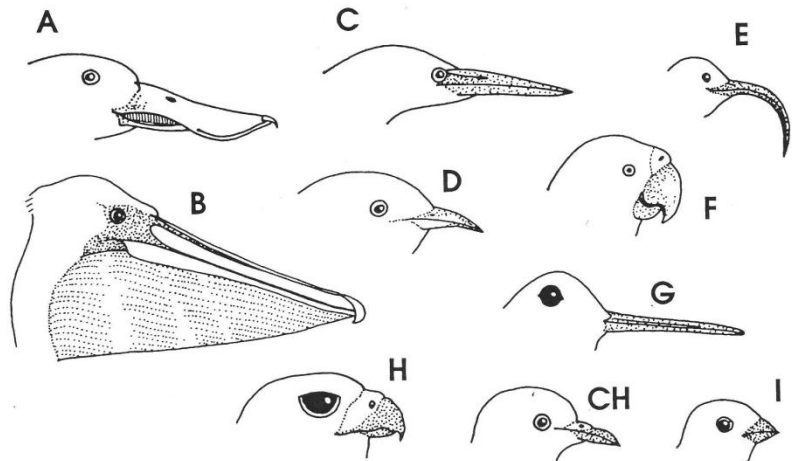
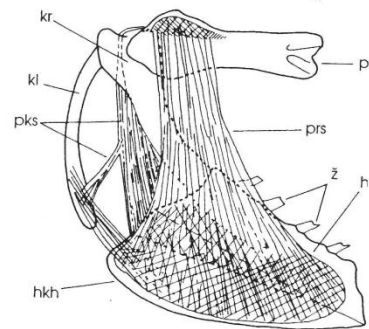
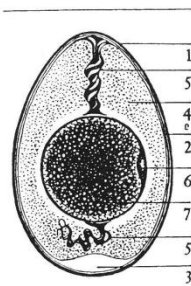
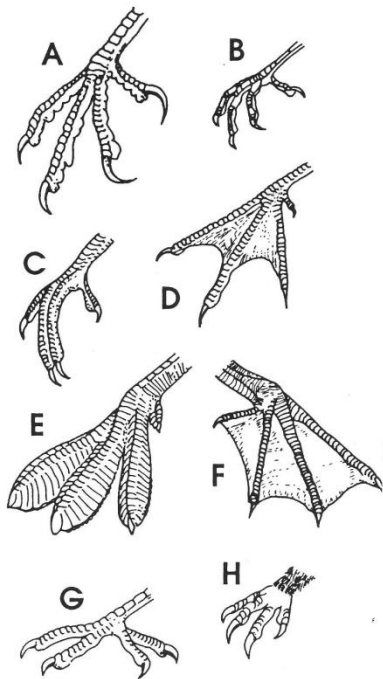
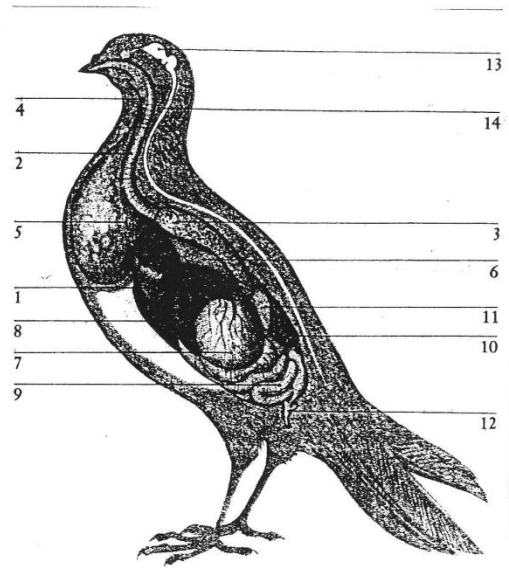
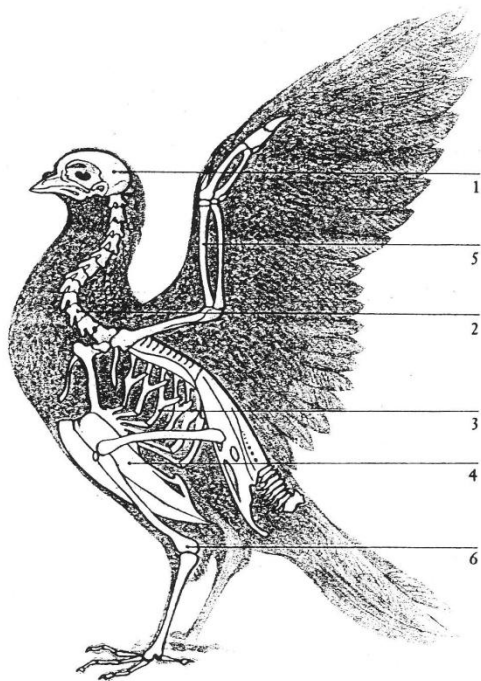
15. Strunatci – bezblanní



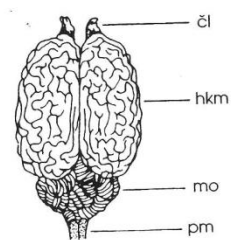
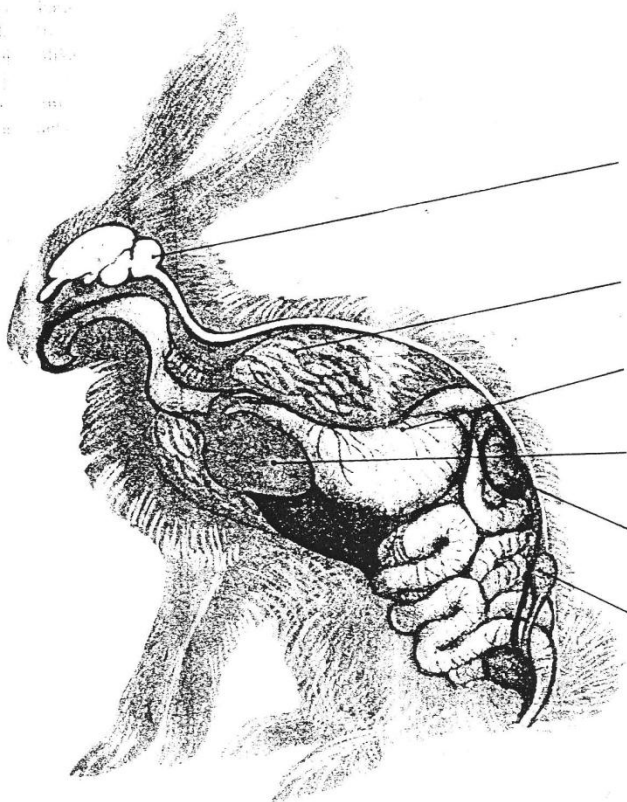
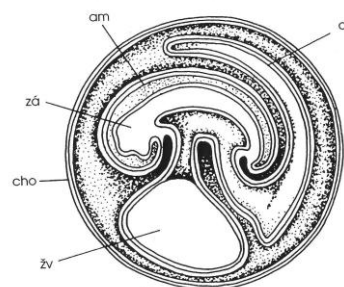
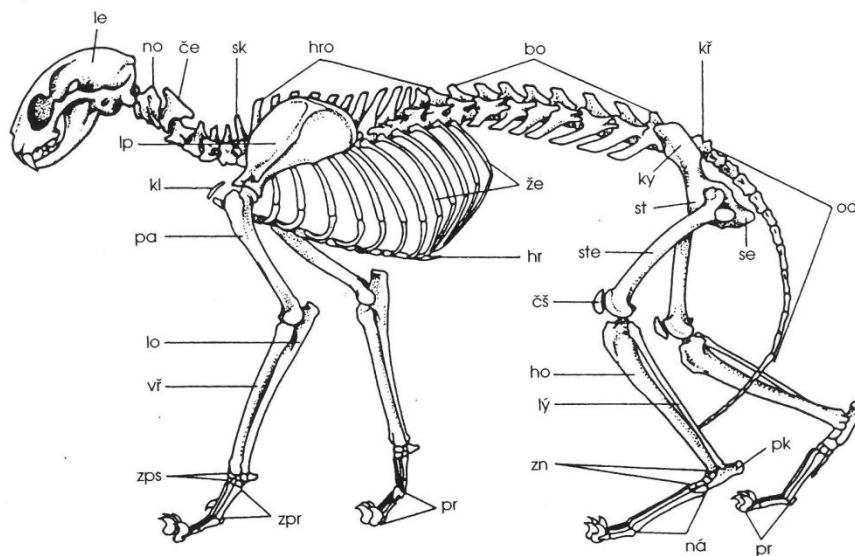


16. Strunatci blanatí – plazi, ptáci

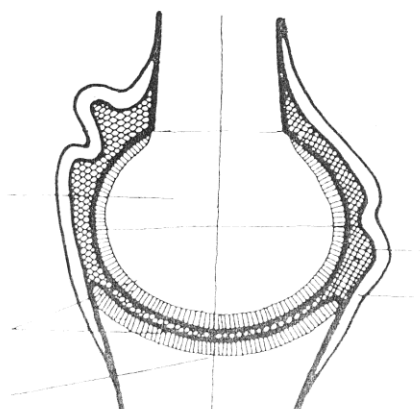
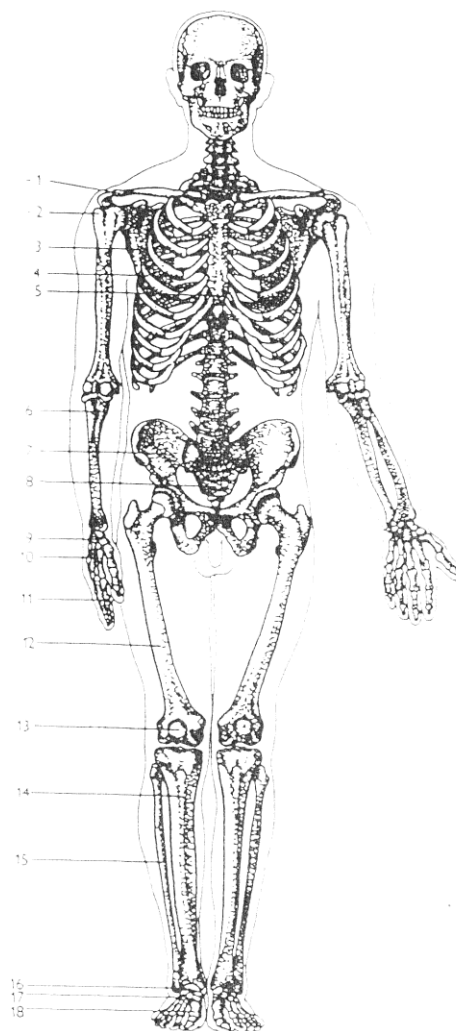
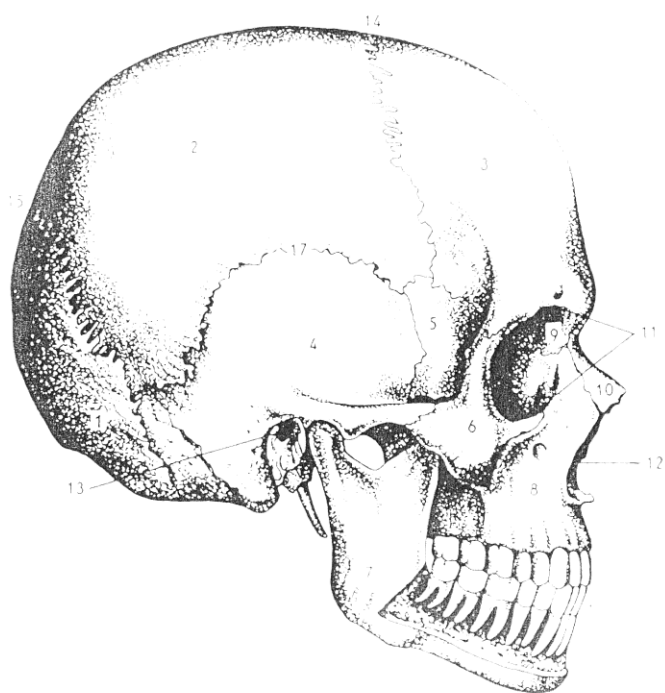
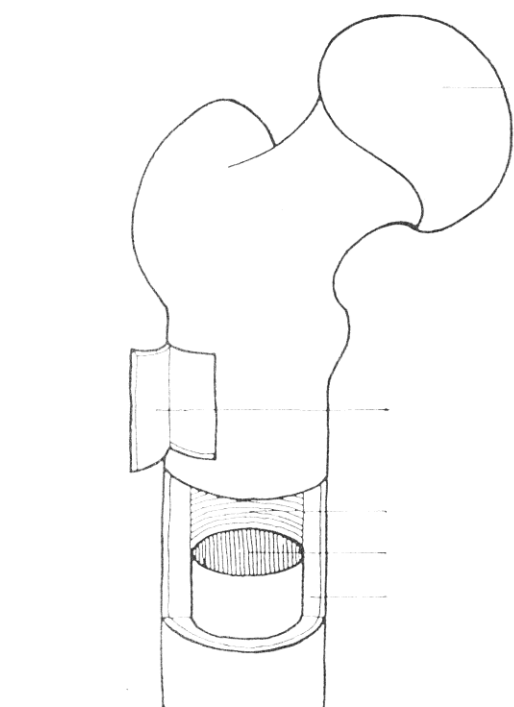


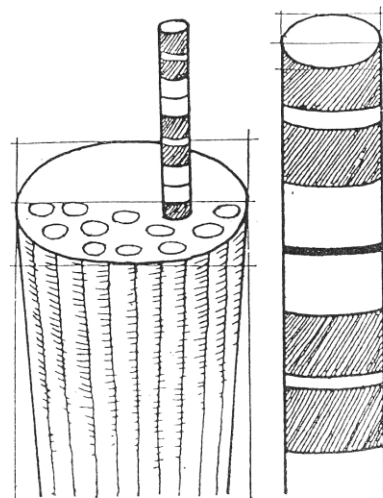
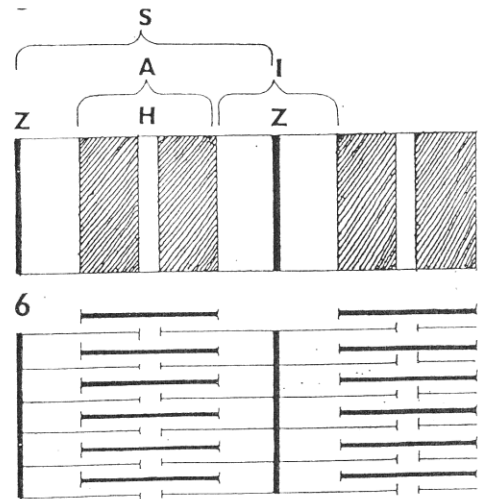
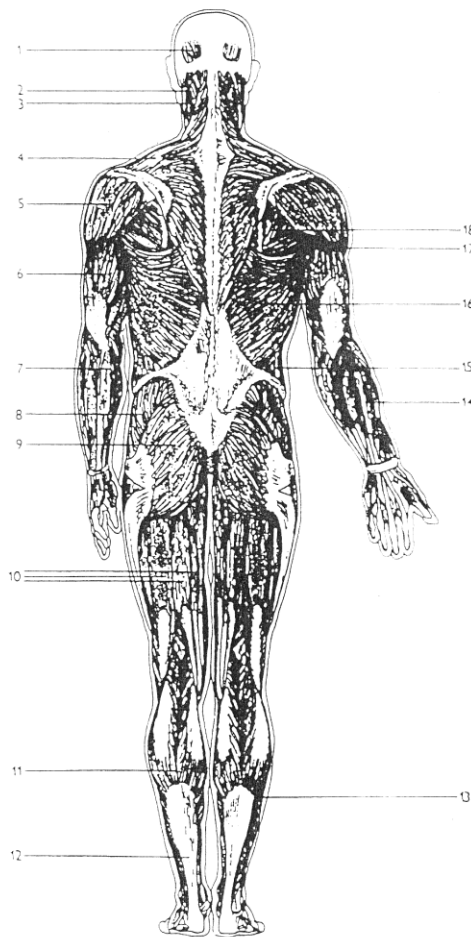
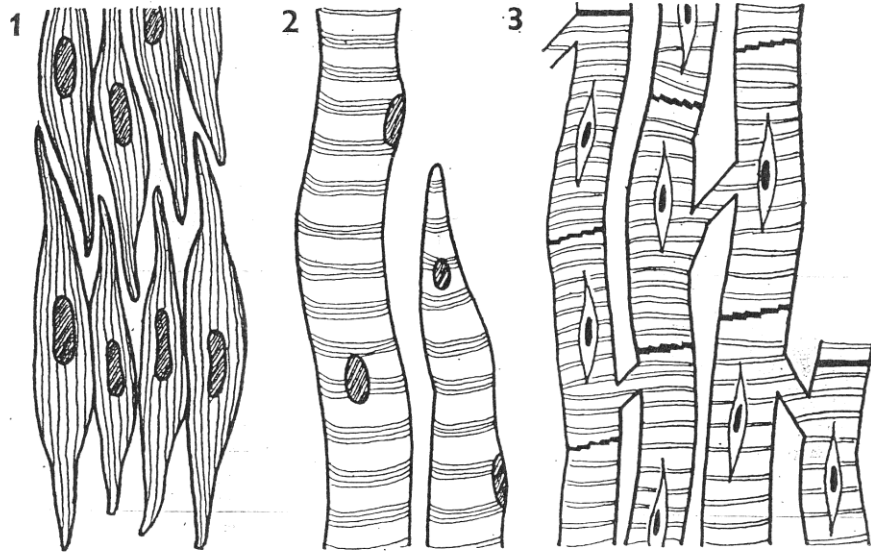


17. Strunatci blanatí – savci

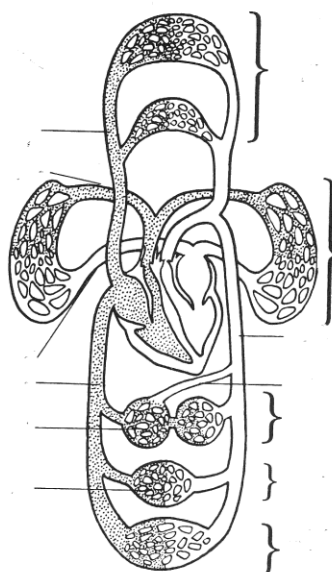
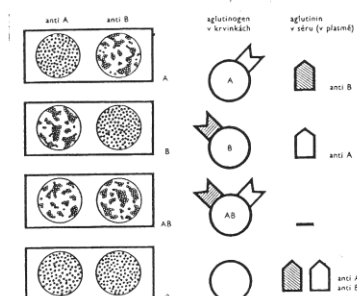
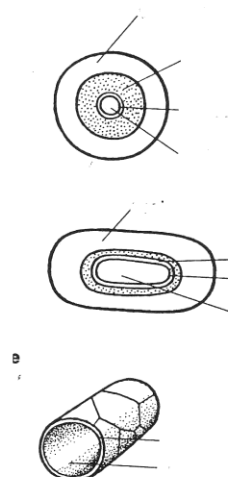
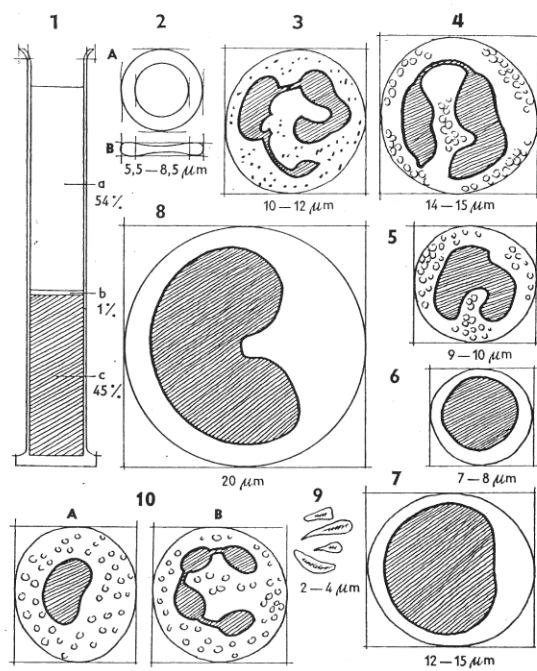


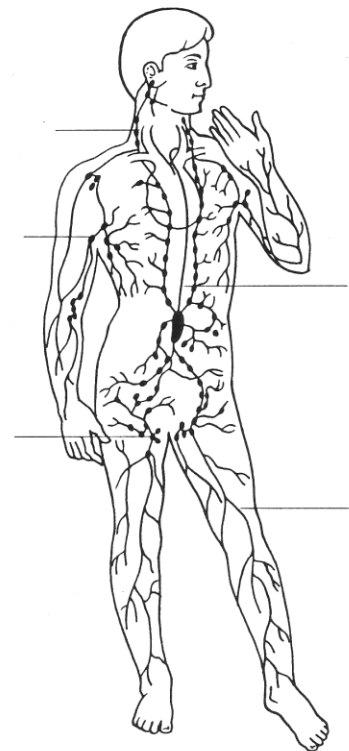
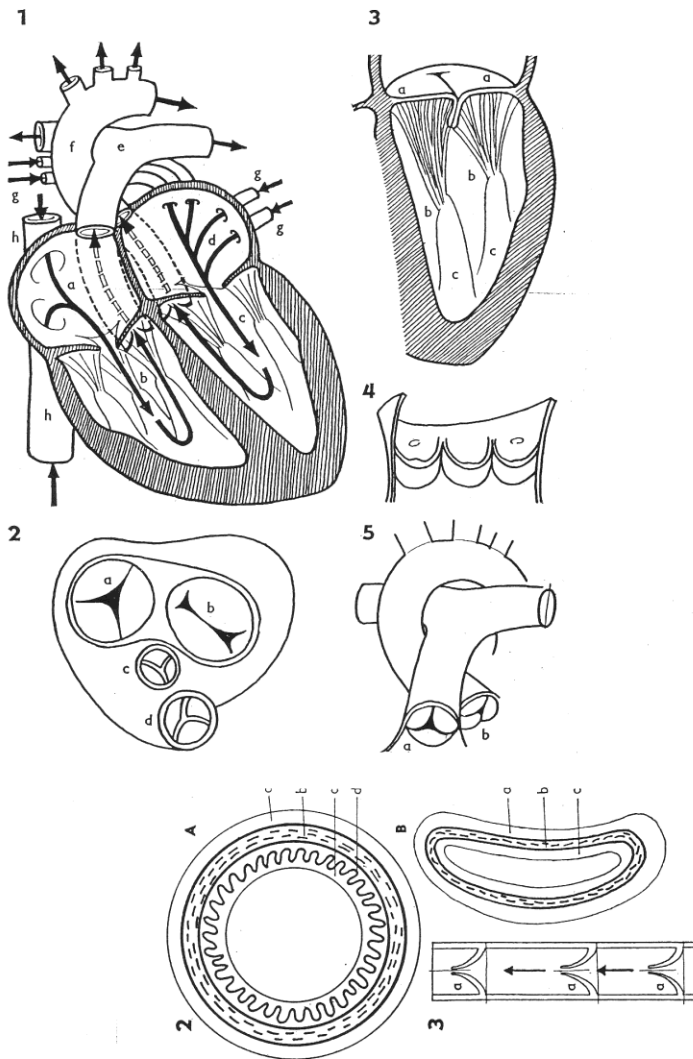
18. Opěrná a pohybová soustava

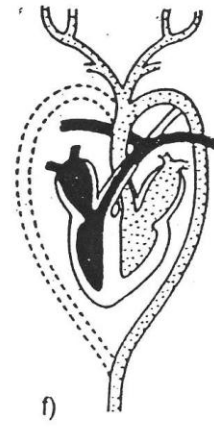
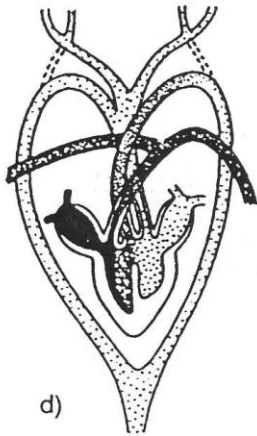
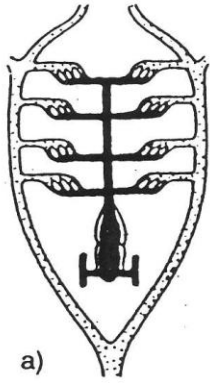




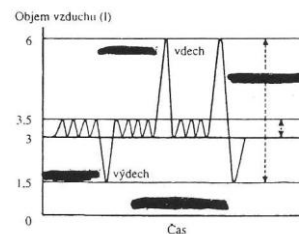
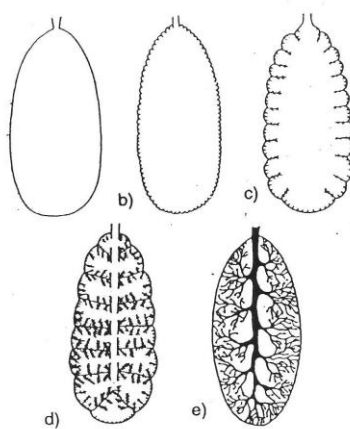
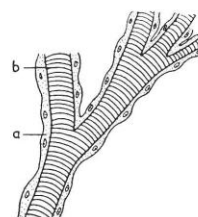
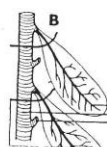
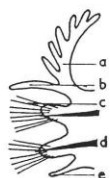
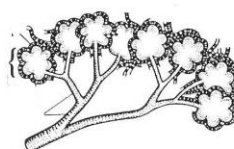
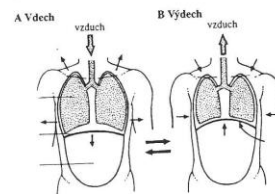
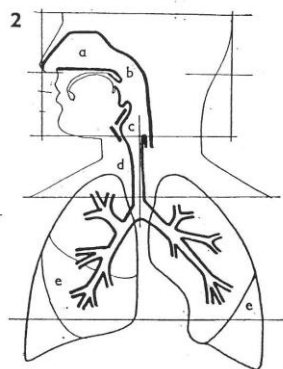
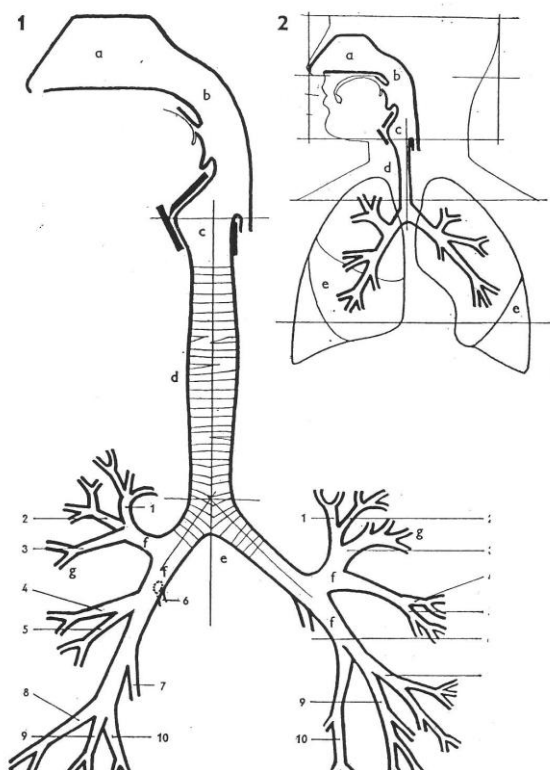
19. Tělní tekutiny a cévní soustava. Fylogeneze cévní soustavy.



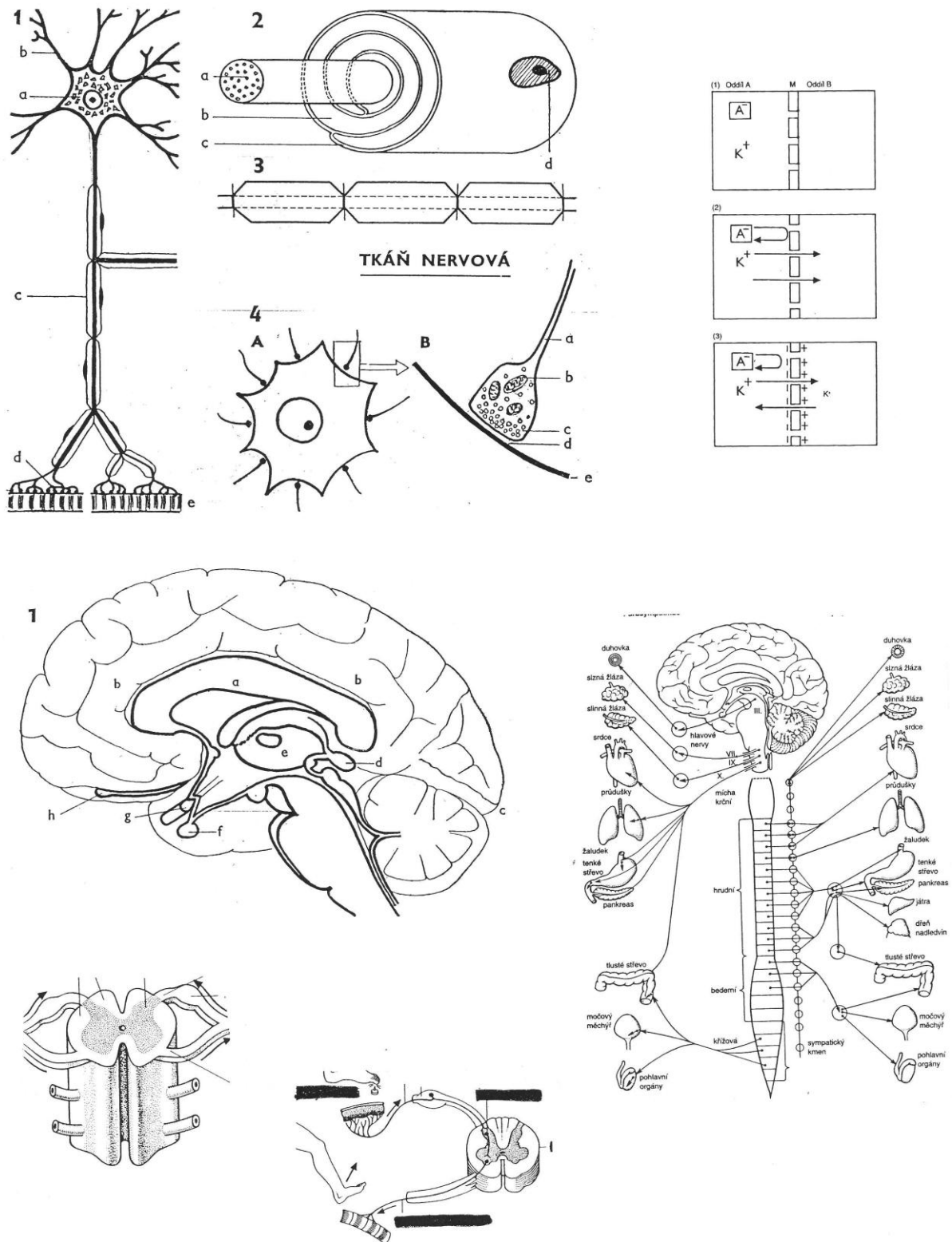


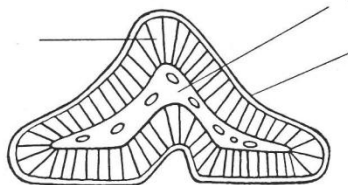
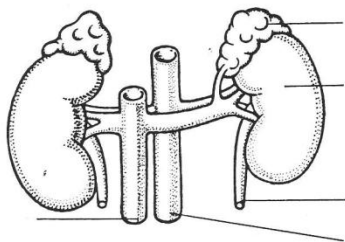
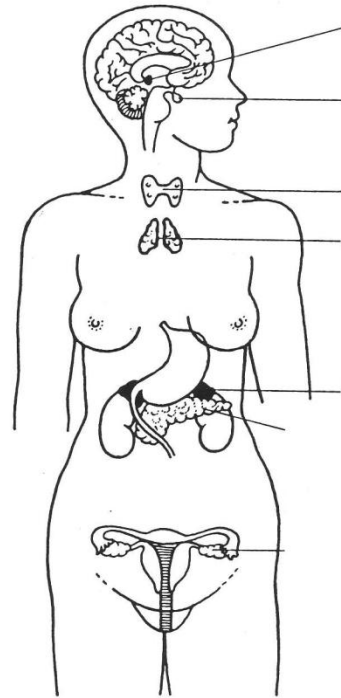
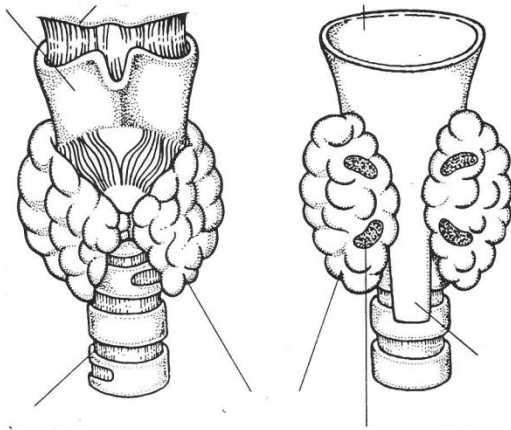
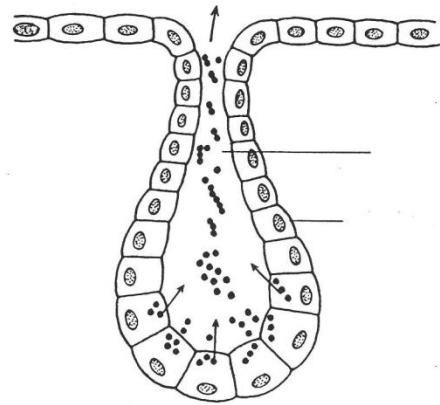
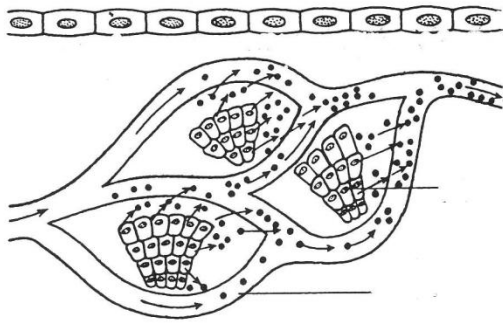


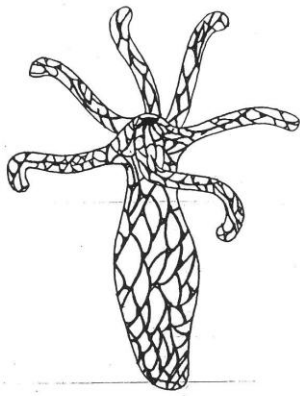
20. Dýchací soustava. Fylogeneze dýchací soustavy.



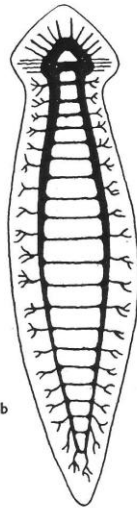
21. Řídící soustavy – nervová a hormonální. Fylogeneze nervové soustavy.



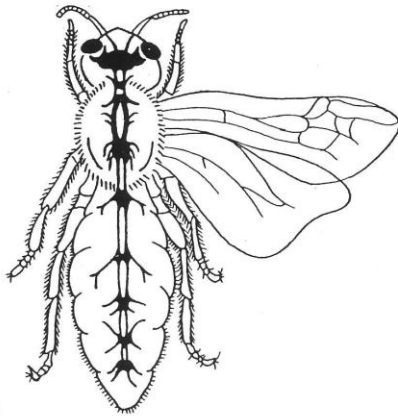
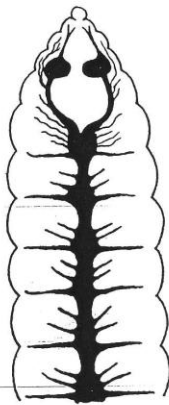




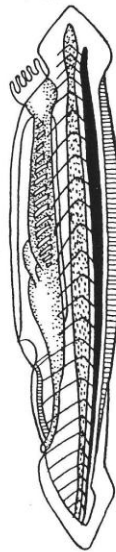
a



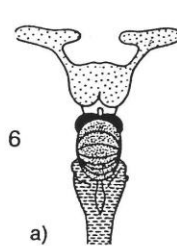
b



c



d



6

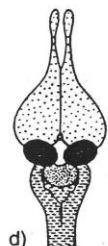
a)



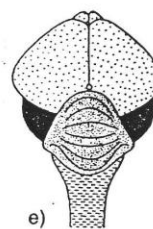
b)



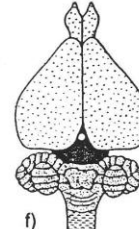
c)



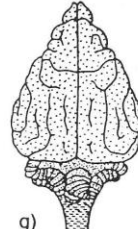
d)



e)

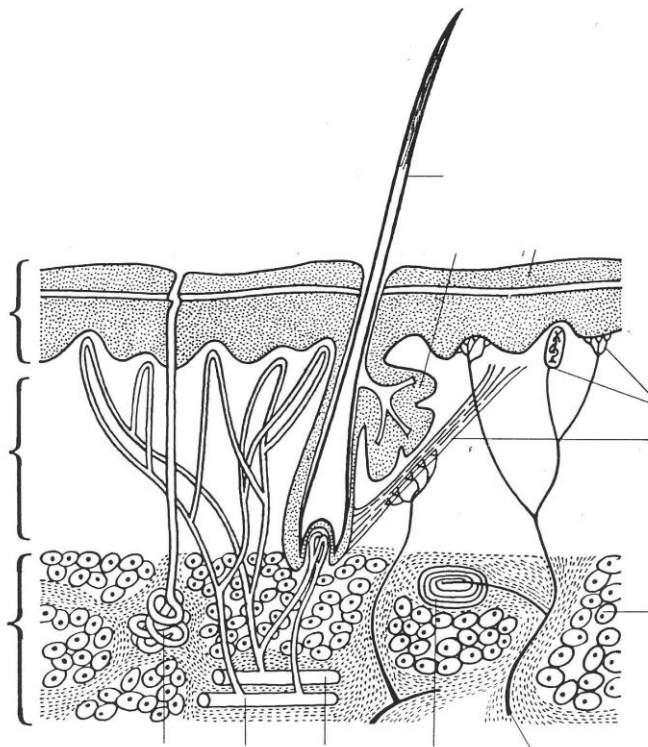
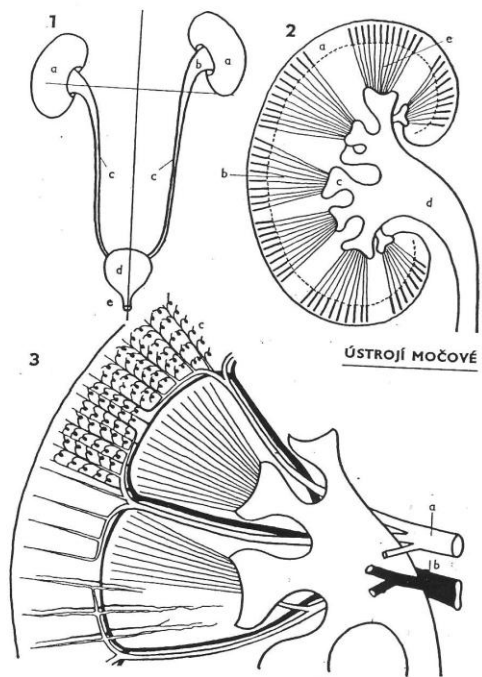
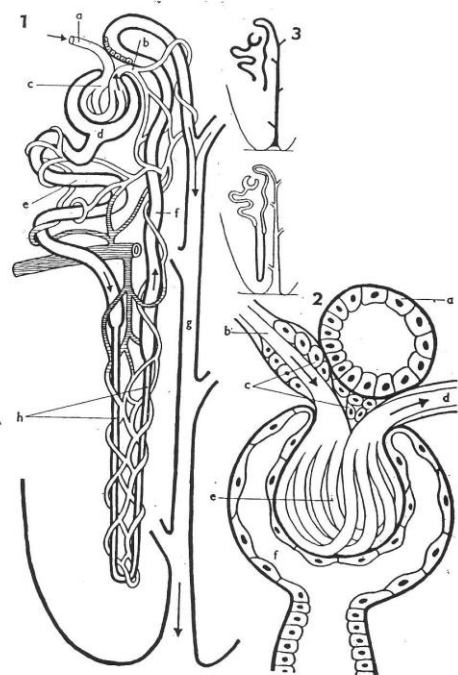


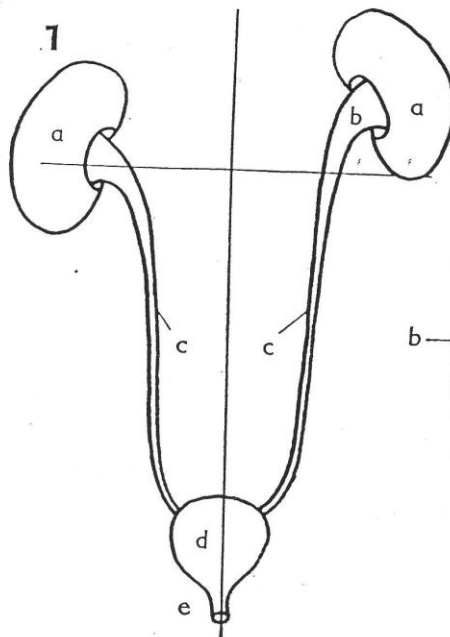
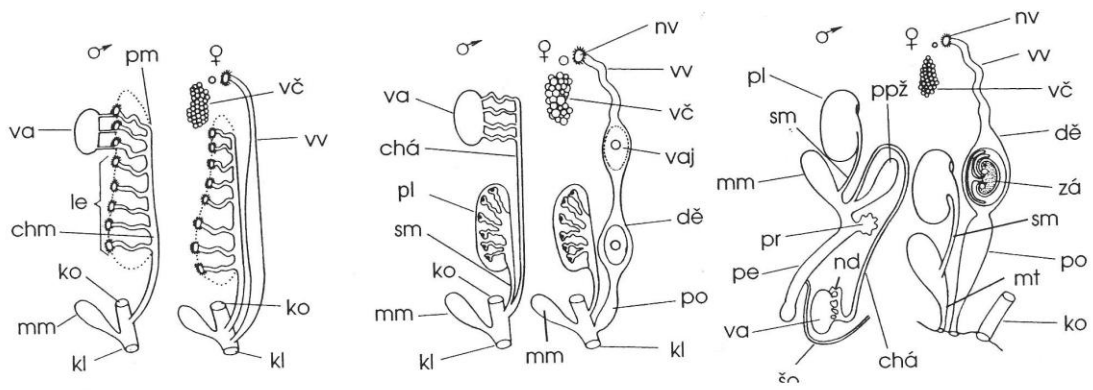
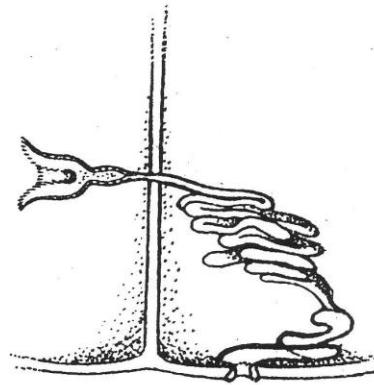
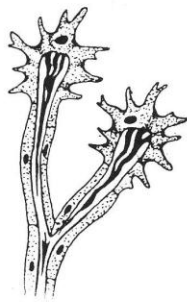
f)



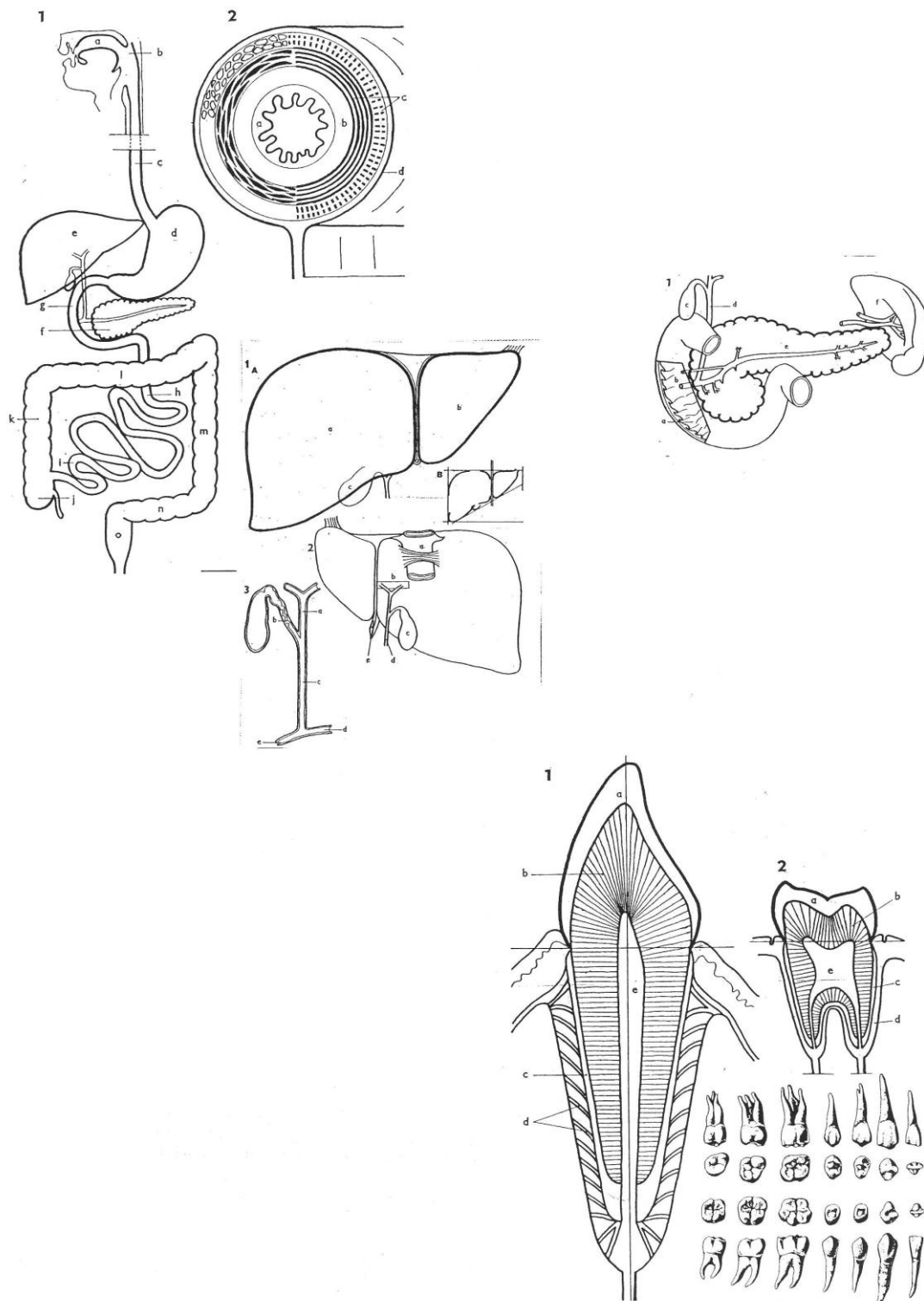
g)

22. Vylučovací soustava a kůže. Fylogeneze vylučovací soustavy.

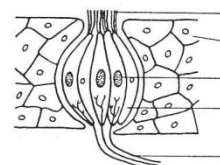
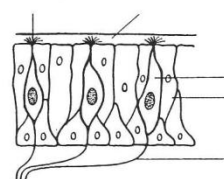
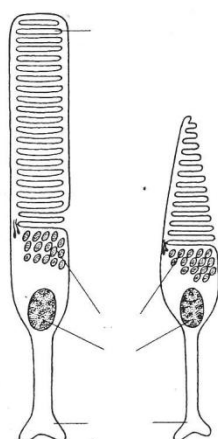
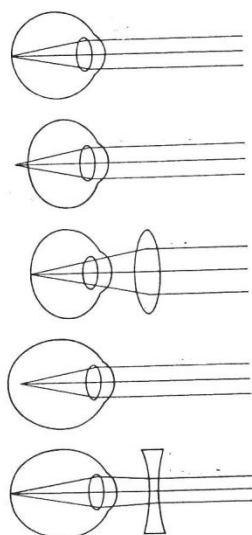
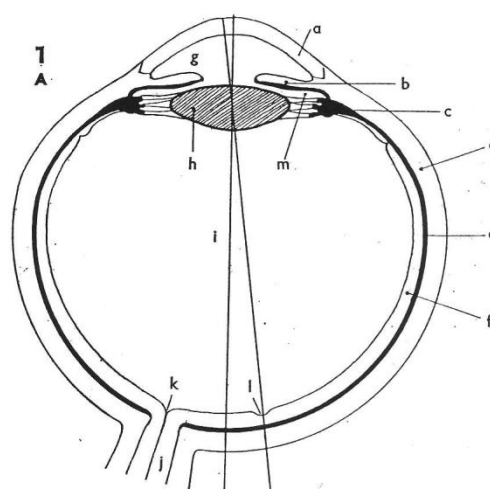
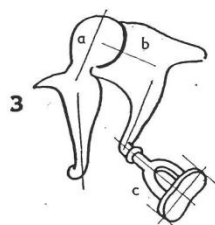
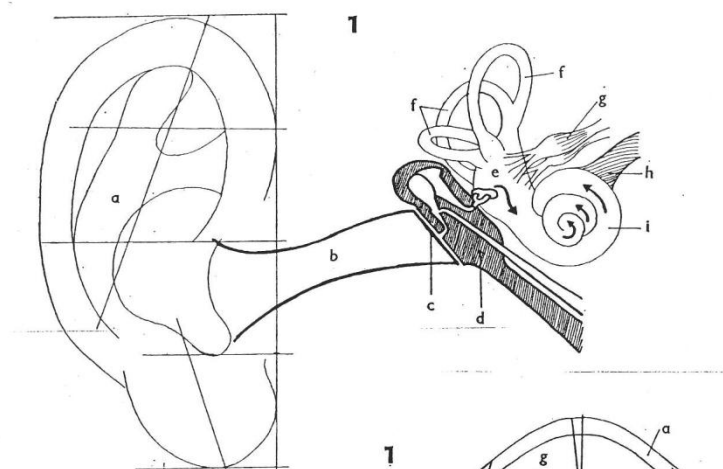




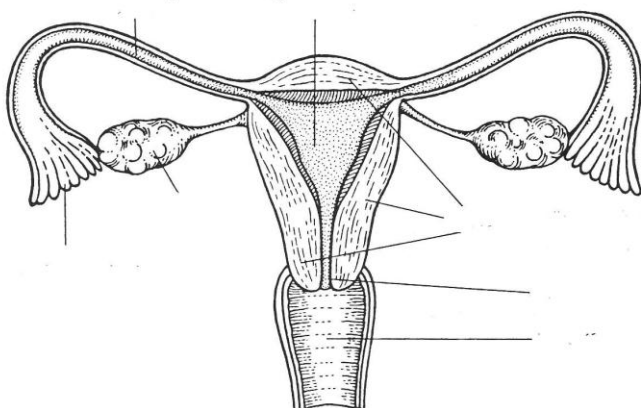
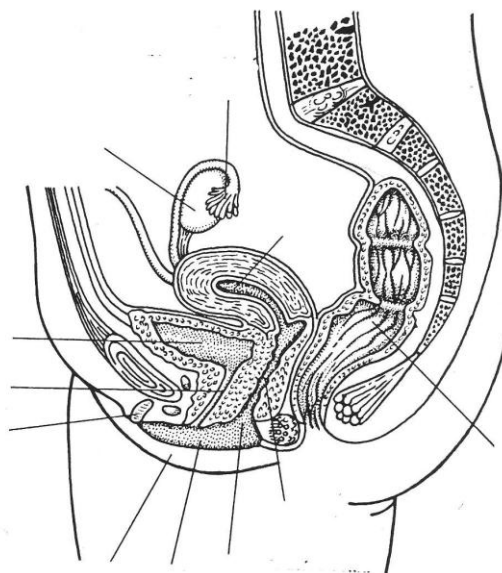
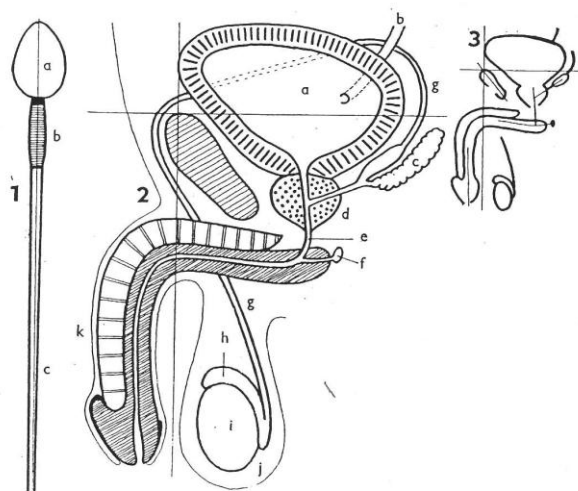
23. Trávicí soustava. Fylogeneze trávicí soustavy.

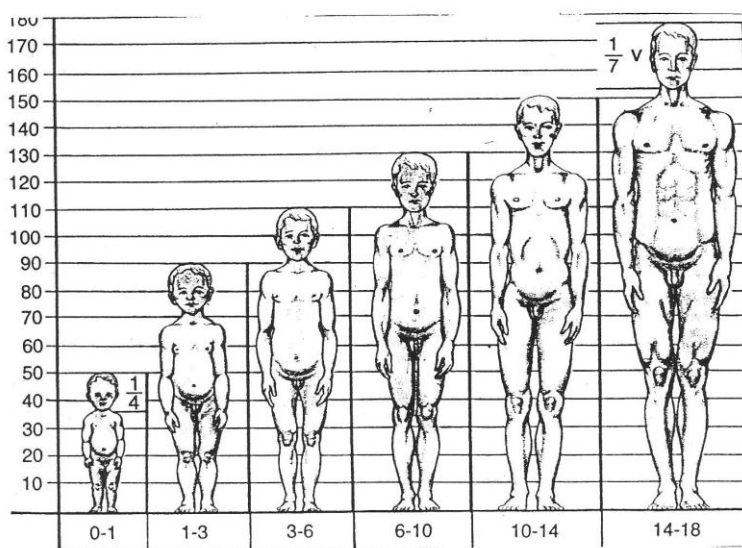
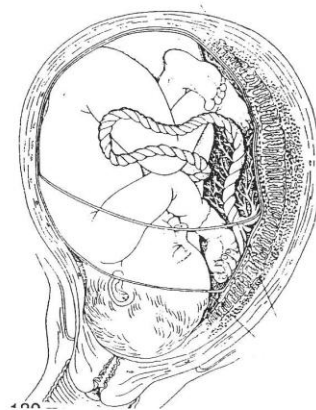
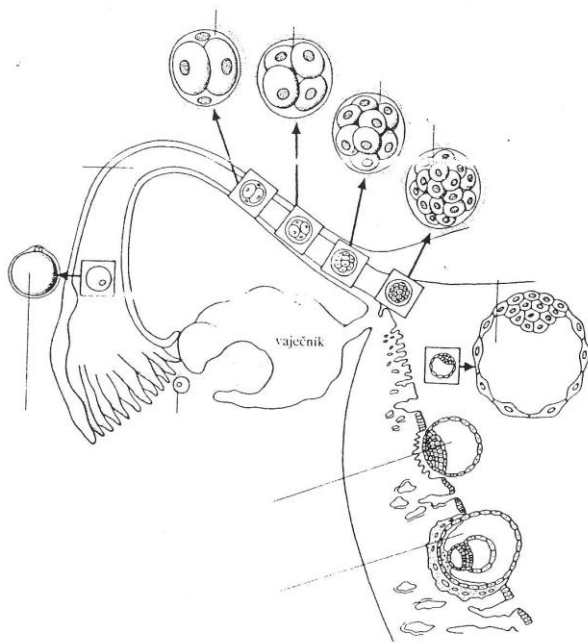


24. Smyslové orgány.

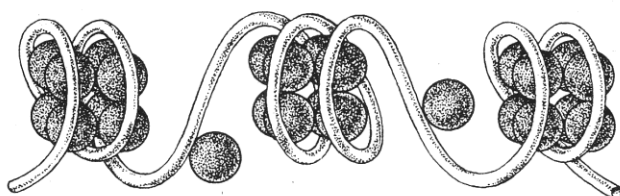
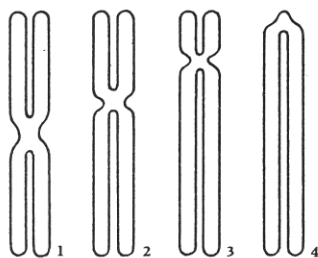
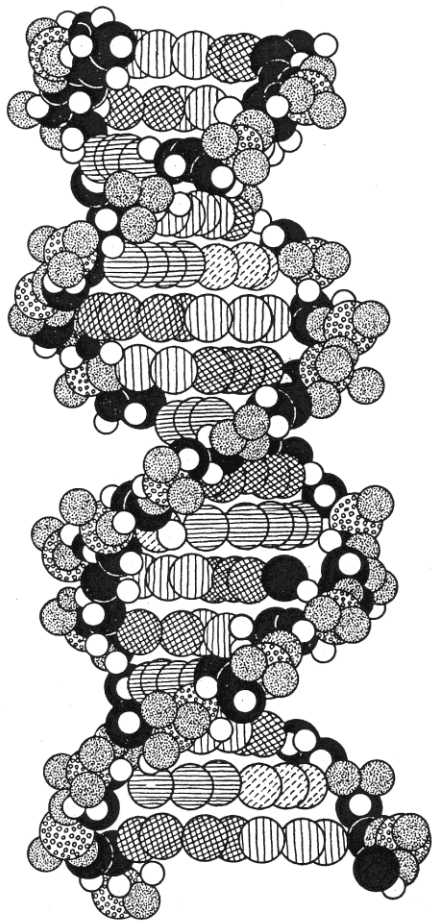


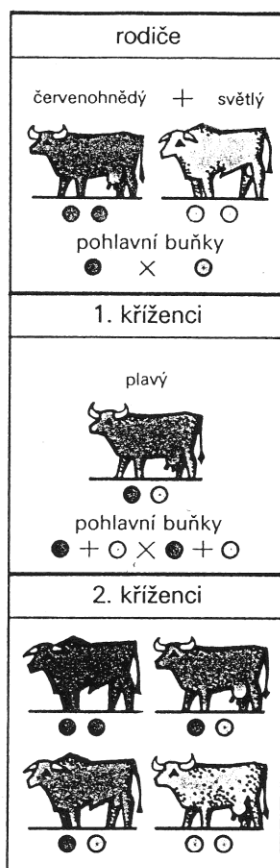
25. Pohlavní soustava, ontogeneze – prenatalní a postnatální





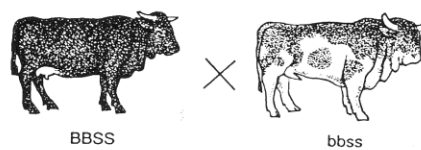
26. Základní genetické pojmy, Mendelovy zákony





vlohy

P



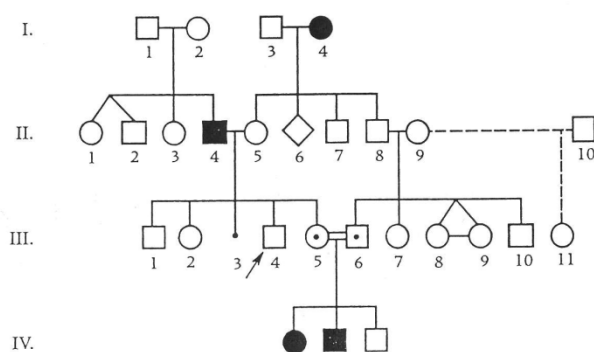
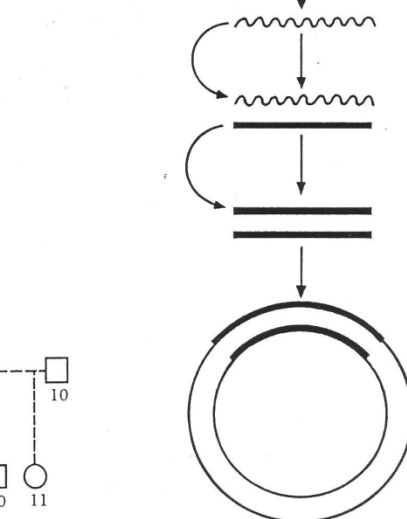
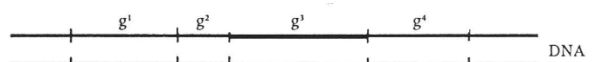
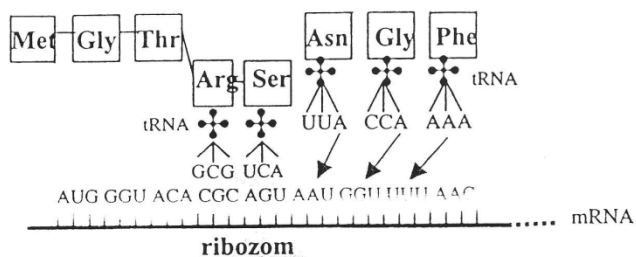
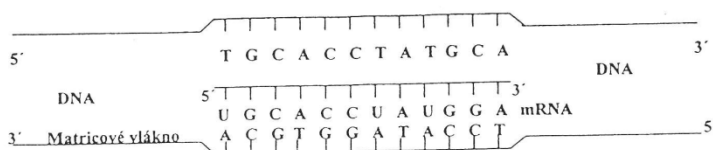
F₁

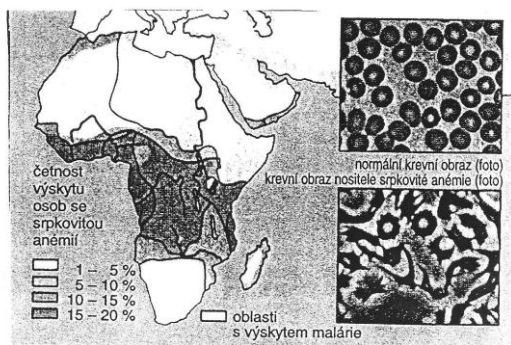
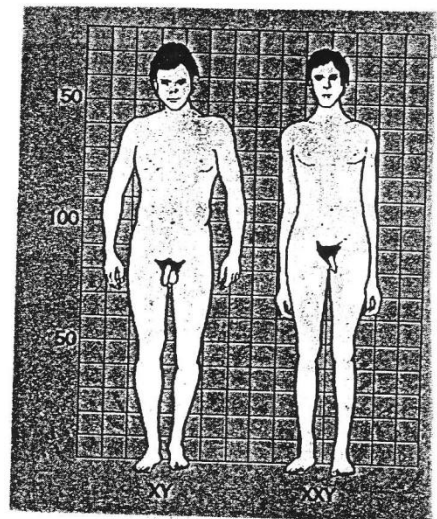
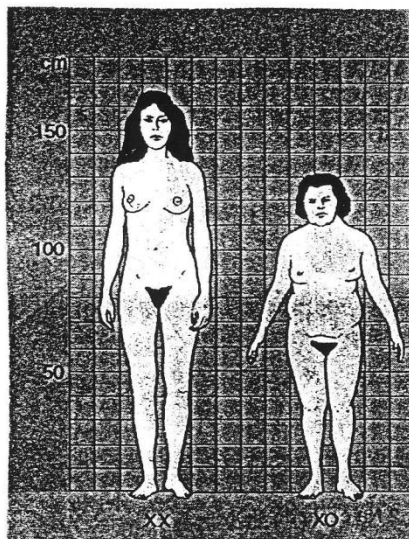
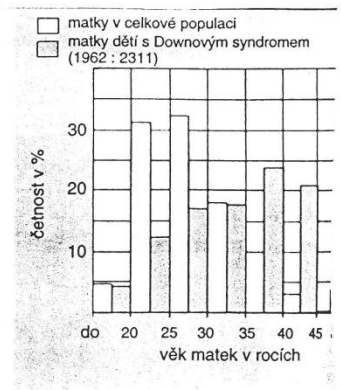
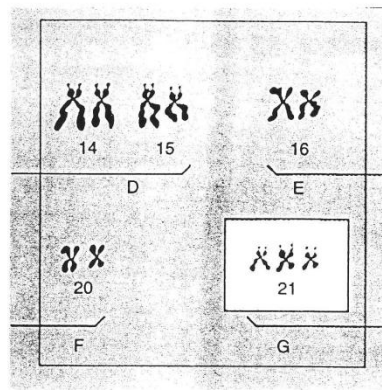


F₂

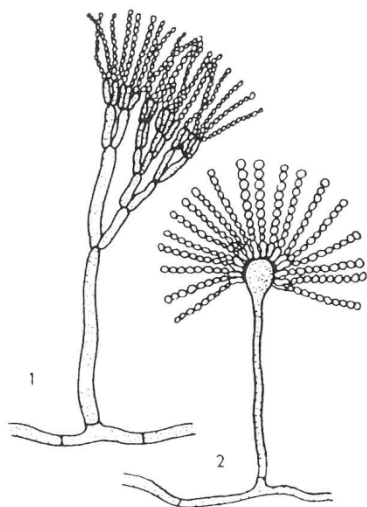
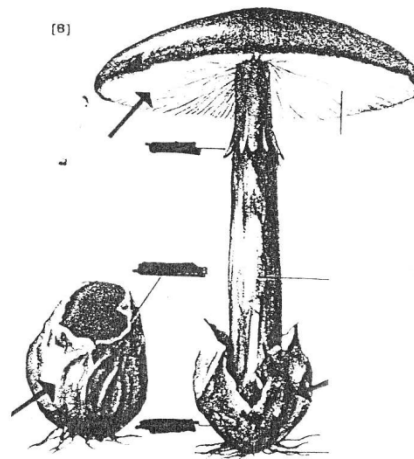
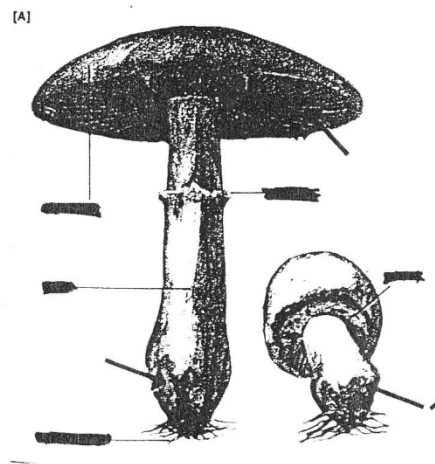
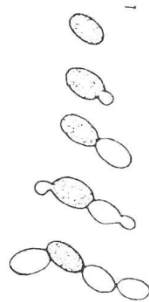
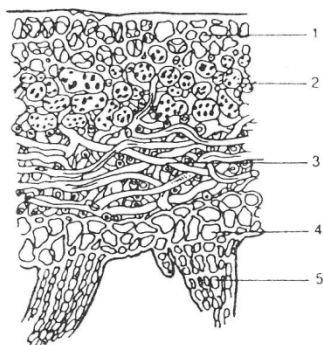
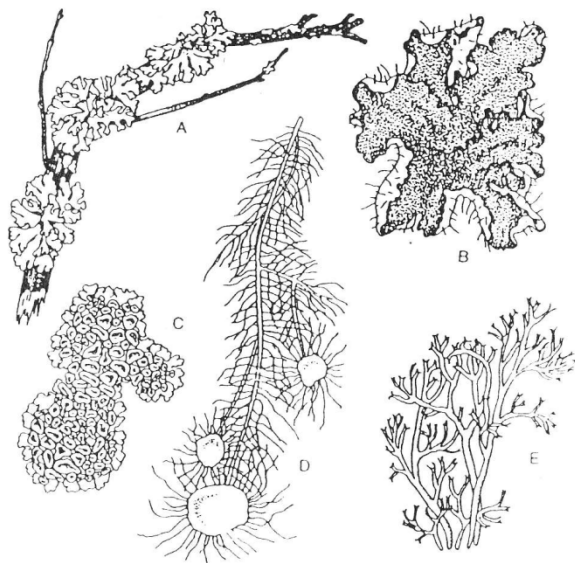
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BS	BBSS	BBSs	BbSS	BbSs
Bs	BBSs	BBss	BbSs	Bbss
bS	BbSS	BbSs	bbSS	bbSs
bs	BbSs	Bbss	bbSS	bbss

27. Molekulární základy dědičnosti, mutace, genetické choroby a dispozice, genové inženýrství

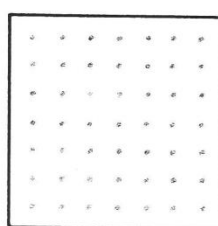
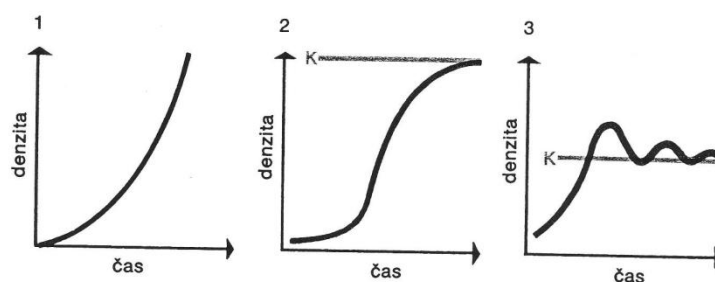




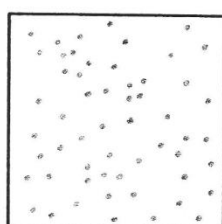
28. Houby (Fungi)



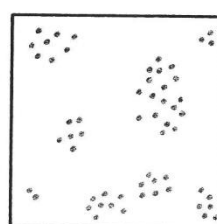
29. Ekologie



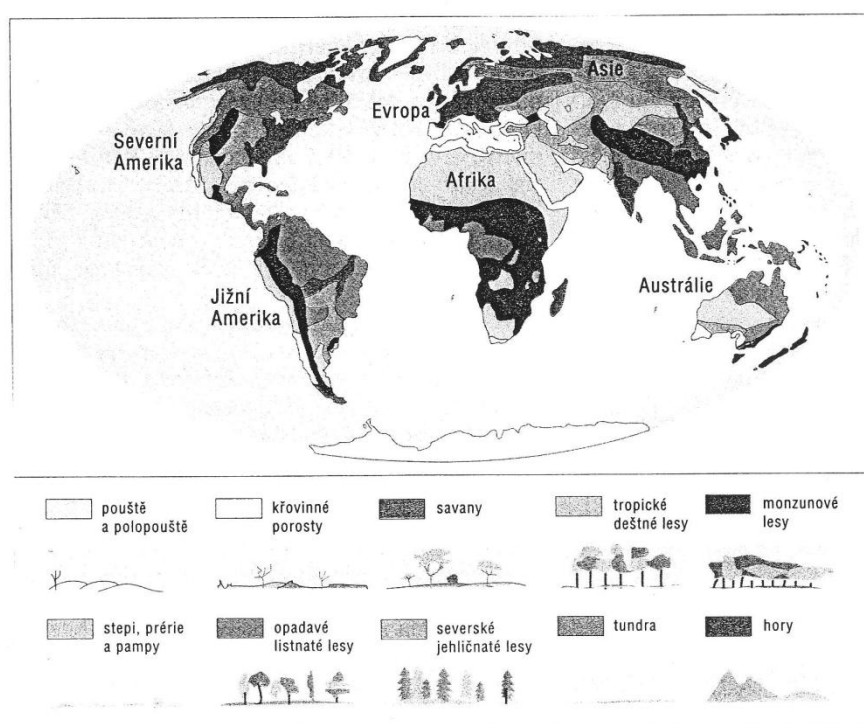
rovnomořná

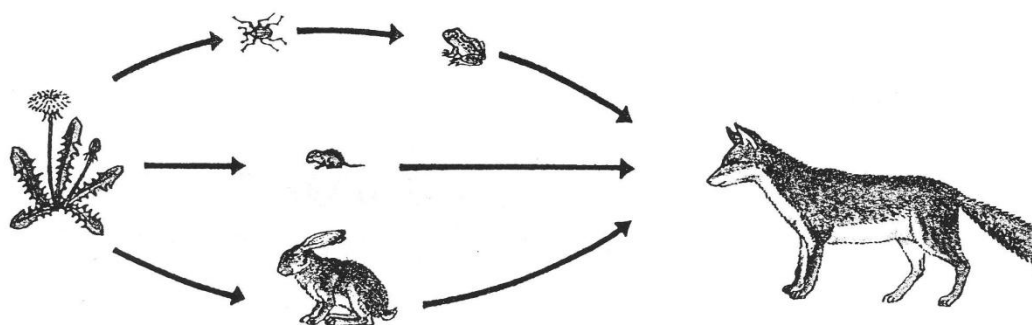
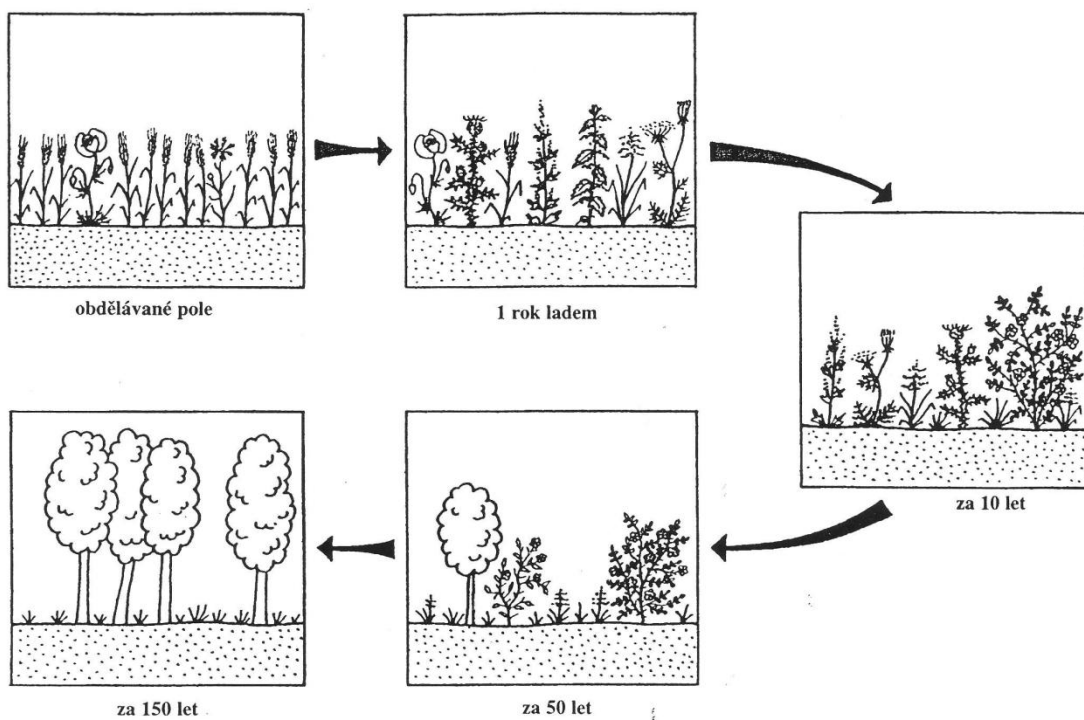
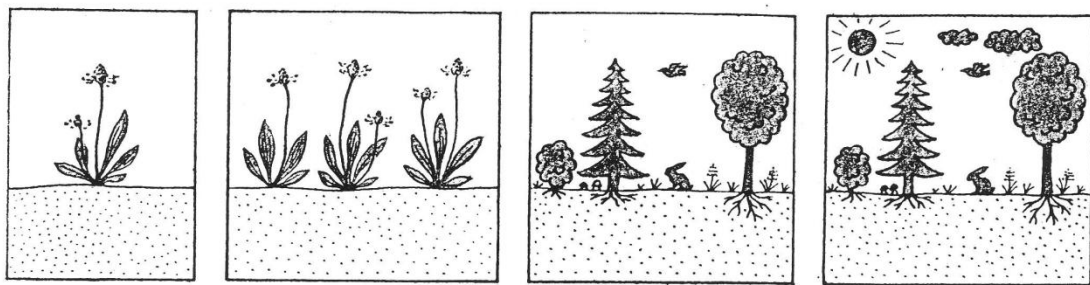


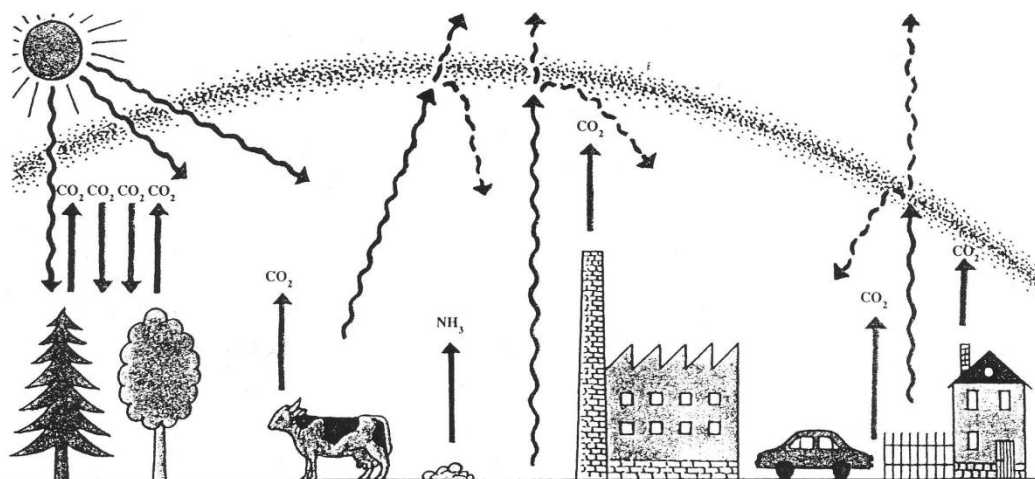
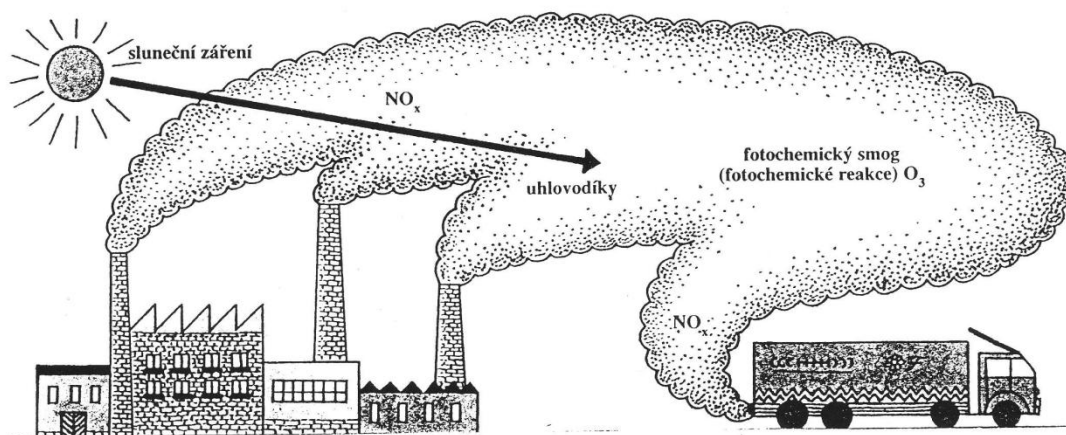
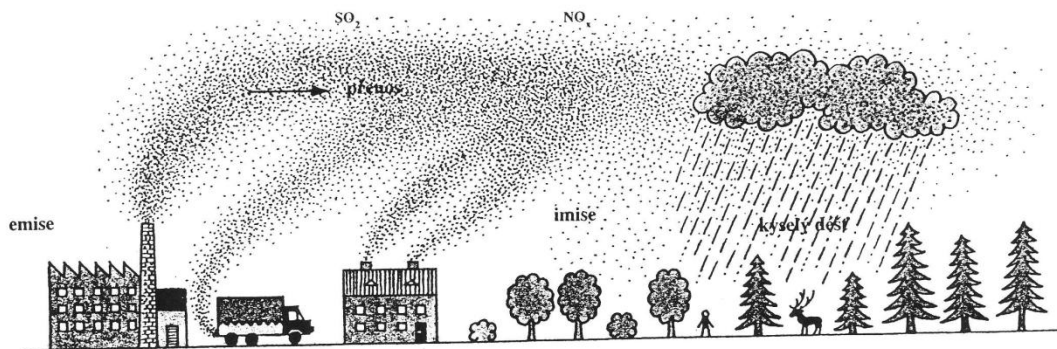
náhodná



shlukovitá







30. Vznik života na Zemi, fylogeneze rostlin a živočichů

