



**ЛЕСОТЕХНИЧЕСКИ УНИВЕРСИТЕТ**  
**Факултет "Ветеринарна медицина"**

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## **C O N S P E C T U S**

### **Discipline "DISEASES OF BEES FISH AND GAME"**

for III<sup>rd</sup> course students in specialty "Veterinary Medicine" - Faculty of Veterinary Medicine at UF

Educational degree: Master

### **CHAPTER I. BEE DISEASES.**

1. Systematics, classification and general characteristics of honey bees.
2. Biology of bee colony.
3. Anatomy and external structure of honeybee. The beehives - houses of bees.
4. The dwellings of bees. Beekeeping equipment.
5. Bee products.
6. The life of bee colony during the year
7. Immunity in bees.
8. Peculiarities of bee diseases.
9. Bacterial diseases of bee brood – American foulbrood, European foulbrood.
10. Bacterial diseases of bees.
11. Viral diseases of bees – sack brood, acute bee paralysis, chronic bee paralysis, deformed wings, black queen cell.
12. Mycotic diseases of bees – nosemosis,
13. Mycotic diseases of brood - ascosphaerosis, aspergillosis.
14. Parasitic diseases of bees – acarapisosis.
15. Parasitic diseases of bees - varroosis, tropilaelapsosis.
16. Parasitic diseases of bees – small hive beetle.
17. Pests and enemies of bees - insects (large and small wax moths, bee wolf, wasps, hornets, meleosis, senotainosis), birds (bee eater, woodpecker, tits, swallows.), Mammals (mice, bears, hedgehog).
18. Non contagious diseases - chilled brood, overheated brood, non-infectious bee diarrhea.
19. Abnormal conditions in the bee colony - starvation, drifting, robbery, drone brood.
20. Toxicoses of bees.

## **CHAPTER II. FISH DISEASES.**

1. Spring viraemia of carp.
2. Viral hemorrhagic septicemia in trout.
3. Infectious haematopoietic necrosis in trout.
4. Infectious pancreatic necrosis of trout.
5. Aeromonosis (erysipelas) of carp.
6. Aeromonosis (furunculosis) of trout.
7. Saprolegniosis (dermatitis).
8. Branchiomycosis.
9. Mixobacteriosis (Bacterial rot of fins).
10. Costiasis.
11. Octomitasis.
12. Chilodonellosis.
13. Trichodinosis.
14. Ichthyophthiriosis.
15. Dactylogyrosis.
16. Gyrodactylosis.
17. Sanguinicosis.
18. Opisthorchosis.
19. Ligulosis.
20. Bothriocephalosis.
21. Lerneosis
22. Argulosis
23. Nutritional Deficiency
24. Cold water disease
25. Poisoning
26. Sampling for laboratory study

## **CHAPTER III. GAME DISEASES.**

1. Classical swine fever (Hog cholera) in wild boars.
2. Myxomatosis in wild rabbits.
3. Salmonella infections in wild birds.
4. Fowl typhoid in wild birds.
5. Pullorum disease in wild birds.
6. Fowl cholera in wild birds.
7. Psittacosis (Ornithosis, Parrot fever) in wild birds.
8. Newcastle disease in wild birds.
9. Tularemia in wild animals
10. Avian influenza in wild birds.
11. Anthrax in wild animals.
12. Echinococcosis and alveococcosis in wild carnivores.
13. Hydatidosis in game mammals.
14. Syngamosis in game birds.
15. Metastrongylidosis in wild boar.

- 16.Dictyocaulosis in deer and roe deer.
- 17.Protostrongylidosis in deer and roe deer.
- 18.Ascaridosis in wild boar.
- 19.Trichinellosis.
- 20.Sarcoptosis in wild boar and red fox.
- 21.Hypodermosis in deer.
- 22.Calamity (Deer damage in farm forestry) and Urolithiasis in Lagomorphs (rabbits) and Ferrets
- 23.Cannibalism and Encephalomalacia in game birds, Muscular dystrophy in the wild duck and Salt poisoning in wild birds

**Prepared by:**

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