



Male - post-hibernation Fat bodies are minimal and not obvious.

Frog Family Ranidae

- 1. Heart (general)
- 2. Liver
- 3. Gall bladder
- 4. Lung
- 5. Stomach
- 6. Pylorus
- 7. Duodenum
- Small intestine (general)
- 9. Large intestine
- 10. Kidney (covered in peritoneum)
- 11. Urinary bladder
- 12. Spleen
- 13. Mesentery
- 14. Fat bodies
- 15. Ovary (with eggs)
- 16. Oviduct
- 17. Testis
- 18. Vas deferens







 Female - pre-hibernation

 Fat bodies are enlarged and obvious. Ovaries are small with immature eggs.

Large intestine is full.





Female - post-hibernation, start of breeding Fat bodies are small. The ovaries are enlarged, and eggs are maturing. Large intestine is full.

Frog Family Ranidae

- 1. Heart (general)
- 2. Liver
- 3. Gall bladder
- 4. Lung
- 5. Stomach
- 6. Pylorus
- 7. Duodenum
- 8. Small intestine (general)
- 9. Large intestine
- 10. Kidney (covered in peritoneum)
- 11. Urinary bladder
- 12. Pancreas
- 13. Spleen
- 14. Mesentery
- 15. Fat bodies
- 16. Ovary (with eggs)
- 17. Oviduct



Female - post-hibernation, start of breeding Fat bodies are small. The ovaries are enlarged, and eggs are maturing. Large intestine is full.



Female - mature, breeding Fat bodies are small. The ovaries and eggs fill most of the abdominal cavity. Large intestine is not full.