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## 2. Functions of auditory gating and protection-of- processing theory

### 2.1. Prepulse inhibition

### 2.2. The precedence effect

### 2.3. Comparison between prepulse inhibition and the precedence effect

## 3. Cognitive modulation of auditory gating

### 3.1. Prepulse inhibition

### 3.2. The precedence effect

### 3.3. Comparison between prepulse inhibition and precedence effect

## 4. Binaural integration

### 4.1. Prepulse inhibition

### 4.2. The precedence effect

## 5. Neural bases of prepulse inhibition and echo suppression

### 5.1. Prepulse inhibition

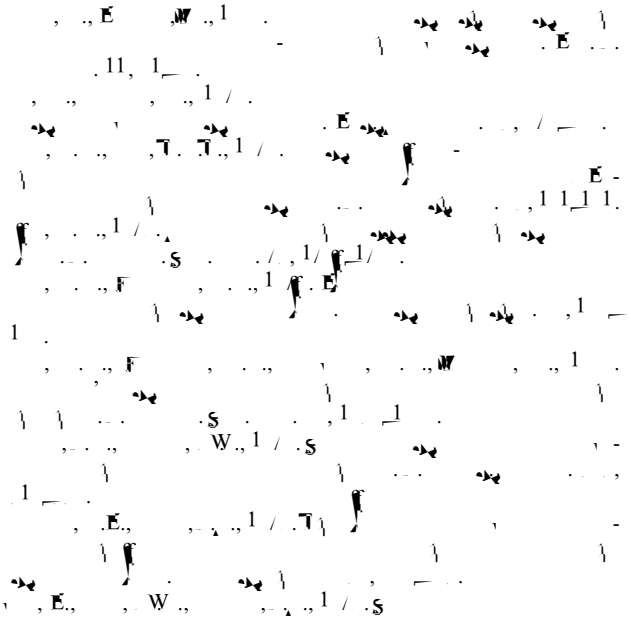
[illegible]

[illegible]

## 7. Conclusion

## Acknowledgements

## References



[illegible]

*Epte-*

*sicus fuscus.*

*Pteronotus parnellii.*