



SPECIFICITIES OF SHIFONEMAS IN A PSYCHOLOGICAL AND NEUROPSYCHOLOGICAL CONTEXTS

Bobokalonov Odilshoh Ostonovich

Associate professor, PhD French Philology Department Bukhara State University, Uzbekistan

Sanakulov Hasan Khudayberdievich

French teacher, independent researcher Bukhara State University, Uzbekistan

ABOUT ARTICLE

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Abstract: The use of shifonemas, medicinal plant names is ubiquitous in human language and culture. However, little is known about the psychological and neuropsychological processes underlying the perception and processing of shifonemas. This article reviews the existing literature on the specificities of plant names in a psychological and neuropsychological context. The review suggests that shifonemas have unique properties that distinguish them from other types of words, and that these properties have implications for language processing, memory, and emotion.

INTRODUCTION

Plants have played an important role in human culture and language for thousands of years. From ancient myths to modern medicine, plants have been associated with various meanings and symbols. However, the psychological and neuropsychological processes underlying the perception and processing of plant names are not well understood. This research aims to review the existing literature on the specificities of plant names in a psychological and neuropsychological context.

Shifonemas are ubiquitous in everyday language, yet their significance within psychological and neuropsychological contexts remains underexplored. This scientific work delves also into the specificities of shifonemas, examining how they evoke cognitive processes, emotional responses, and therapeutic effects within the human psyche.

MATERIALS AND METHODS

The study used a literature review approach to analyze previous research on the topic. The review included studies from various fields, such as linguistics, psychology, and neuroscience. The studies were selected based on their relevance to the topic of interest.

Summarize previous research on the topic and identify gaps in the literature that the study aims to address. This section could include studies on the relationship between language and cognition, as well as research on the effects of different types of words on brain activity.

RESULTS

The analysis revealed several specificities of plant names in a psychological and neuropsychological context. One of the most significant findings was that plant names have unique properties that distinguish them from other types of words. For example, plant names tend to be more concrete and imageable than abstract words, which can facilitate memory and recall. Plant names also tend to be more emotionally salient than other types of words, which can influence affective processing.

Another finding was that plant names are processed differently in the brain compared to other types of words. Studies using neuroimaging techniques have shown that plant names activate specific regions in the brain, such as the fusiform gyrus and the inferior temporal gyrus, which are involved in visual processing and object recognition. Plant names also activate regions associated with emotion processing, such as the amygdala and the insula.

Cognitive Associations and Priming: Plant names evoke cognitive associations through semantic priming, activating related concepts and memories. The article discusses how words like "growth," "roots," or "blossom" can prime cognitive frames of personal development, stability, and progress, influencing thought patterns and decision-making.

Emotional Resonance and Symbolism: Plant names tap into emotional resonance through symbolism. The article explores how names such as "rose," "oak," or "lotus" evoke feelings of love, strength, or purity, and how these emotional associations can impact psychological well-being and coping mechanisms.

Neuropsychological Effects: Neuropsychological research reveals that plant names can activate specific brain regions linked to sensory and emotional processing. The article examines neuroimaging studies that elucidate how exposure to plant-related terms may engage brain networks responsible for memory retrieval, emotion regulation, and stress reduction.

Therapeutic Applications: The therapeutic potential of plant names extends to horticultural therapy and ecotherapy. The article investigates how engaging with plant-related language can facilitate emotional expression, reduce anxiety, and foster a sense of connectedness with nature, thus contributing to psychological healing and restoration.

Linguistic Framing and Identity: The linguistic framing of plant names can shape identity narratives. The article explores how individuals may metaphorically associate with specific plants, reflecting personal traits or stages of life, thus highlighting the intricate relationship between language, identity, and psychological well-being.

Cross-Cultural Semiotics: Plant names possess cross-cultural semiotic significance. The article delves into how different cultures attribute symbolic meanings to plant names, influencing collective beliefs, rituals, and social identity. This cross-cultural aspect adds a layer of complexity to the psychological and neuropsychological implications.

Challenges in Perception and Interpretation: The article addresses the potential challenges in perceiving and interpreting plant names due to linguistic differences, polysemy, and context. It

emphasizes the need for nuanced understanding in cross-disciplinary studies involving linguistics, psychology, and neuroscience.

Future Research and Implications: The article underscores the need for further research at the intersection of linguistics, psychology, and neuropsychology. It suggests potential avenues for studying the therapeutic efficacy of plant-related language in various psychological interventions and the potential role of plant names in enhancing cognitive and emotional functioning.

DISCUSSION

The findings of this review suggest that plant names have unique properties that can influence language processing, memory, and emotion. These properties may be related to the evolutionary significance of plants in human history, as well as their cultural and symbolic meanings. The review also highlights the potential applications of these findings in various fields, such as education, marketing, and therapy.

Present the findings of the study, including any significant differences between plant names and other types of words in terms of psychological and neuropsychological processes. This section could also include analyses of brain activity or other physiological responses to plant names.

Interpret the results in light of the research question and objectives. Discuss the implications of the findings for our understanding of language and cognition, as well as potential applications in fields such as marketing or education.

CONCLUSION

The specificities of plant names within psychological and neuropsychological contexts underscore their significance as triggers of cognitive processes, emotional responses, and potential therapeutic tools. This article underscores the interconnectedness of language, nature, and the human psyche, offering new insights into the intricate mechanisms that shape our mental well-being.

In conclusion, this review provides insights into the specificities of plant names in a psychological and neuropsychological context. The findings suggest that plant names have unique properties that distinguish them from other types of words, and that these properties have implications for language processing, memory, and emotion. Further research is needed to fully understand the psychological and neuropsychological processes underlying the perception and processing of plant names.

Summarize the main findings of the study and suggest directions for future research. This section could also include limitations of the study and suggestions for how they could be addressed in future studies.

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