

Habitat Model for Species: Northern Water Snake

Deciduous Trees, Deciduous Woodland
(Robertson et al., 1992)

Habitat Restrictions

Comments

found along shores of lakes,
rivers, wetlands in typha and salix
habitats

(Weatherhead et al., 1992)

adjacent or in water

Deciduous Trees, Deciduous Woodland,
Cottonwood
(Robertson et al., 1992)

Habitat Restrictions

Comments

found along shores of lakes,
rivers, wetlands in typha and salix
habitats

(Weatherhead et al., 1992)

adjacent or in water

Mesic Shrub
(Ernst et al., 1989)
(King et al., 1997)
(Robertson et al., 1992)

Habitat Restrictions

Comments

found along shores of lakes,
rivers, wetlands in typha and salix
habitats

(Weatherhead et al., 1992)

adjacent or in water

Mesic Shrubland
(Robertson et al., 1992)

Habitat Restrictions

Comments

found along shores of lakes,
rivers, wetlands in typha and salix
habitats

(Weatherhead et al., 1992)

adjacent or in water

Permanent Wetland
(Ernst et al., 1989)
(King et al., 1997)
(King, 1986)

Habitat Restrictions

found within 10 m of water's edge

Permanent Wetland, Water
(Ernst et al., 1989)
(King et al., 1997)
(King, 1986)

Habitat Restrictions

found within 10 m of water's edge

Riverine Wetland
(Ernst et al., 1989)
(King et al., 1997)
(Blem et al., 1990)

Habitat Restrictions

Sand Hills Sparse Vegetation
(Robertson et al., 1992)

Habitat Restrictions

Comments

found along shores of lakes,
rivers, wetlands in typha and salix
habitats

(Weatherhead et al., 1992)

adjacent or in water

<u>Seasonal Wetland</u> (Ernst et al., 1989) (King et al., 1997) (Robertson et al., 1992)	<u>Habitat Restrictions</u>	<u>Comments</u>
(King, 1986)	found within 10 m of water's edge	found along shores of lakes, rivers, wetlands in typha and salix habitats
<u>Semipermanent Wetland</u> (Ernst et al., 1989) (King et al., 1997) (Robertson et al., 1992)	<u>Habitat Restrictions</u>	<u>Comments</u>
		found along shores of lakes, rivers, wetlands in typha and salix habitats
<u>Semipermanent Wetland, Water</u> (Robertson et al., 1992)	<u>Habitat Restrictions</u>	<u>Comments</u>
(King, 1986)	found within 10 m of water's edge	found along shores of lakes, rivers, wetlands in typha and salix habitats
<u>Shale Barren Slope Sparse Vegetation.</u> (Ernst et al., 1989) (King et al., 1997)	<u>Habitat Restrictions</u>	

Literature Cited

- Blem, C. R., and K. L. Blem. 1990. Metabolic acclimation in three species of sympatric, semi-aquatic snakes. *Comparative Biochemistry and Physiology A: Comparative Physiology* 97:259-264.
- Ernst, C. H., and R. W. Barbour. 1989. *Snakes of eastern North America*. George Mason University, Fairfax, Virginia, USA.
- King, R. B. 1986. Population ecology of the Lake Erie water snake, *Nerodia sipedon insularum*. *Copeia* 1986:757-772.
- King, R. B., and R. Lawson. 1997. Microevolution in island water snakes. *Bioscience* 47:279-286.
- Robertson, I. C., and P. J. Weatherhead. 1992. The role of temperature in microhabitat selection by northern water snakes (*Nerodia sipedon*). *Canadian Journal of Zoology* 70:417-422.
- Weatherhead, P. J., and I. C. Robertson. 1992. Thermal constraints on swimming performance and escape response of northern water snakes (*Nerodia sipedon*). *Canadian Journal of Zoology* 70:94-98.