

Black lordithon rove beetle

Lordithon niger

Status

Federal status: GU N?, Not listed

NH state status: Not ranked or listed

ME state status: Not ranked or listed

Status and population trends are unknown. Was once considered globally historic, but was found in Rhode Island and New Hampshire in 1980-90's.

Distribution

Once thought to be widespread, but very rare, throughout the eastern United States and southeastern Canada. Now ranked as historic through much of its past range.

In Maine, known from Lebanon in York County. In New Hampshire, known from The Bowl RNA in the WMNF and Durham in Strafford County.

Habitat

Four specimens were taken in old-growth mixed coniferous/deciduous forest at The Bowl RNA in the WMNF. Single specimens have been taken from mature or late successional forests elsewhere in the eastern U.S. All specimens have been from northern hardwood or mixed coniferous-deciduous forest. All known specimens were taken from below 2500' elevation. Little else is known about this species' habitat requirements.

Limiting Factors

Threats or limiting factors for this species are unknown. Presumably natural disturbance or human activity that resulted in loss of mature to old growth deciduous or mixed forest would impact individuals if that habitat were occupied, and would reduce habitat suitability.

Viability concern

Viability is considered a concern based on limited distribution and range reduction. Species is considered historic across much of its range, indicating a global concern. Known occurrences limited to New Hampshire, Maine, and Rhode Island. Documented on WMNF. Reasons for rarity are unknown.

Management activities that might affect viability

Uncertain. Regeneration harvest of mature to old growth deciduous or mixed forest likely would reduce habitat suitability and could impact individuals in the habitat. It is unknown whether partial harvest in suitable habitat would impact the species.

References

Campbell, J. M. 1982. A revision of the genus *Lordithon* Thomson of North and Central America (Coleoptera: Staphylinidae). *Memoirs of the Entomological Society of Canada*, No. 119.

NatureServe: An online encyclopedia of life [web application]. 2001. Version 1.5. Arlington, VA, USA: Association for Biodiversity Information. Available: <http://www.natureserve.org/>. (Accessed: September 13, 2001).