

**SERVICES PROVIDED
BY AZIMUTH**

Fisheries & Aquatic
Ecology

Terrestrial Ecology

Hydrogeology

Site Remediation

Environmental Planning

Water and Wastewater
Engineering

Species at Risk

Environmental Site
Inspection /Construction
Monitoring

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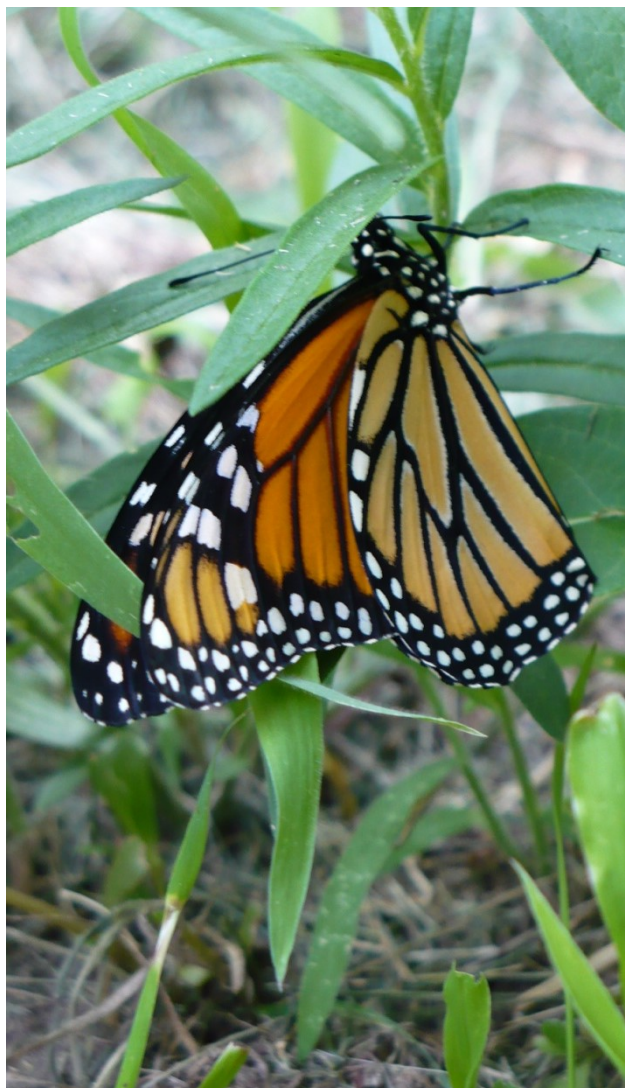
SPECIES AT RISK

HOW CAN AZIMUTH HELP YOU?

Ontario's Endangered Species Act is one of the most challenging issues currently facing the environmental community.

Azimuth's team of ecologists has worked closely with private landowners, corporations, and the Ministry of Natural Resources to ensure that we provide the most accurate and relevant recommendations. We have completed Species at Risk studies required for:

- Land development/construction projects combining screening, worker training, and mitigation
- Obtaining permits for compensating habitat and relocation of Species at Risk
- Research based projects designed and led by Azimuth staff, and Ministry of Natural Resources and Forestry led research projects



Monarch Butterfly observed for an EIS in Caledon

Given the range of species and habitat currently protected, nearly all development has some potential to result in a contravention of the provincial *Endangered Species Act* and *Species at Risk Act* federally. Our ecologists will work with you to determine risk, based on an assessment of the proposed activity, the range of species potentially present, and available mitigation opportunities to reduce the risk for undue harm to Species at Risk or their habitat.

Services related to Species at Risk in Ontario include the following:

- Project and site screening for Species at Risk and habitat features
- *Endangered Species Act* and *Species at Risk Act* permit applications and support
- Butternut Health Assessments and planting plans
- Bat snag survey and bat acoustics
- Site specific Species at Risk training
- Research
- Construction monitoring
- Environmental DNA surveys



L to R: Butternut, Barn Swallow, Hognose Snake, Blandings Turtle, Redside Dace

PROJECT & SITE SCREENINGS

Azimuth staff regularly undertakes screenings of sites to assist proponents in determining if their proposed work has potential to contravene the Endangered Species Act. If the potential exists we can undertake permitting, mitigation/avoidance plans, or work cooperatively to determine other available alternatives.

ENDANGERED SPECIES ACT PERMIT APPLICATION AND SUPPORT

While we prefer to avoid the requirement for permitting through mitigation or avoidance, Azimuth staff are experienced in the acquisition of permits under the *Endangered Species Act* and *Species at Risk Act*.

ALTERNATIVES TO PERMITTING

Our staff are knowledgeable of alternatives to permitting outlined within the *Endangered Species Act* Ontario Regulation 242/08, including those for early exploration mining, ecosystem protection, hydro-electric generating stations, pits and quarries and other forms of resource development.

BUTTERNUT

Azimuth's s certified Butternut Health Assessors have extensive experience assessing Butternut, acquiring permits, and assessing alternatives outlined in Ontario Regulation 242/08.

SITE SPECIFIC TRAINING

Azimuth staff can prepare and deliver training seminars and onsite worker training as a component of permits acquired under the *Endangered Species Act*. Education on proper mitigation helps ensure that work crews are aware of risks to avoid undue contraventions of the Act.

ENVIRONMENTAL DNA

Azimuth offers environmental DNA surveys as an efficient alternative to traditional Species at Risk detection.