



RARE ENDEMIC SNAKE CASE STUDY

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PROJECT INFO

Fencing Type: AMX-P40

Installation: Guard Rail

Longevity: Permanent

Species: Maki's Keelback

Client: Ministry of Transportation

Location: Nantou County, Taiwan

SUMMARY

To mitigate for the high rates of road mortality for the rare endemic snake species Maki's Keelback (*Amphiesma miyajimae*) the Taiwan Endemic Species Research Institute campaigned to implement some mitigation measures on a mortality hotspot on a winding road. After gaining support from the Ministry of Transportation and Communications, the teams developed various ways to retrofit the Animex material to existing concrete barriers and guard rails. Animex is also working with them to develop a strategy to provide mitigation along another road in the region, along with field testing some low-cost and reliable snake traps for population surveys.

Photography courtesy of Taiwan Endemic Species Research Institute



Challenges

- Guard rail
- Narrow work area
- Thick vegetation



Actions

- Durable materials
- Custom specification
- Retrofitted



Outcomes

- Low maintenance
- Habitat connectivity
- Low mortality

