# Frog Population Studies ‑ Habitats Surveyed

During the last five years, frog population studies were carried out. The aquatic habitats examined in the South East region produced the following results (the figures displayed represent the total number of recordings made in each habitat):

| **HABITAT** | **Sept 2002** | **Sept 2003** | **Sept 2004** | **Sept 2005** | **Sept 2006** |
| --- | --- | --- | --- | --- | --- |
| Quarry | 22 | 24 | 24 | 34 | 32 |
| Pond | 39 | 38 | 39 | 35 | 35 |
| River | 66 | 15 | 15 | 15 | 14 |
| Stream | 18 | 18 | 17 | 17 | 19 |
| Turf/Grass | 12 | 11 | 11 | 13 | 12 |
| **TOTAL** | **157** | **106** | **106** | **114** | **112** |

Item Frog Recordings

As you can see, the ***pond*** habitat tended to be the most desired aquatic habitat for frog species.

One of the most exciting results of this study, was the rediscovery of the Western Peninsula Bronze Froglet (*Litoria bronzii*). This species was previously thought to have disappeared from the region, but was located by voice recordings in the population study carried out in September 2005. This very positive result suggests that environmental conditions may not have been degraded to the level previously thought.



Item Bronze Froglet

Another positive result of the study was confirmation that the dreaded Cane Toad (*Bufo marinus*) has not yet been successful in infiltrating the frog habitats this far south. There were no sightings or voice recordings for *Bufo marinus* in the habitats in any of the areas, even though sightings have been made at the northern edges of the state. Obviously, continued vigilance is required to manage this pest species.



Item Cane Toad

The following table shows the number of species recorded in each habitat:

| **HABITAT** | **Sept 2002** | **Sept 2003** | **Sept 2004** | **Sept 2005** | **Sept 2006** |
| --- | --- | --- | --- | --- | --- |
| Quarry | 2 | 2 | 2 | 4 | 3 |
| Pond | 9 | 10 | 9 | 11 | 13 |
| River | 6 | 5 | 5 | 5 | 4 |
| Stream | 8 | 8 | 10 | 10 | 9 |
| Turf/Grass | 2 | 1 | 1 | 3 | 2 |
| **TOTAL** | **27** | **26** | **27** | **33** | **31** |

Item Frog Species Recorded