. Thorne Moors checklist for Mammals and cold-blooded Vertebrates

The annotated checklist includes all species recorded on Thorne Moors from the eighteenth century to 2012, including as subfossils. Four species are square-bracketed. For each of the species listed below, the span of years quoted before its statement of status (except Brown Long-eared Bat, Fallow Deer and Elk) gives the range for which records exist. <1972> denotes the first evidence for that species is from pellets of Barn Owl *Tyto alba* collected in that year. A bracketed year indicates the date of publication of a record, not a dated occurrence.

The sources of nomenclature are:

- H.R. Arnold (1993) Atlas of mammals in Britain. Institute of Terrestrial Ecology research publication No. 6. HMSO, London.
- H.R. Arnold (1995) Atlas of amphibians and reptiles in Britain. Institute of Terrestrial Ecology research publication No. 10. HMSO, London.
- C.E. Davies, J. Shelley, P.T. Harding, I.F.G. McLean, R. Gardiner and G. Peirson (compilers and editors) (2004) *Freshwater fishes in Britain the species and their distribution*. Harley Books, Colchester.

Mammals

Hedgehog	Erinaceus europaeus	1972-2002	Occurs peripherally and synanthropically, but with a recorded penetration of Thorne Moors along Shoulder o' Mutton Tram.
Mole	Talpa europaea	1877-2007	Widespread and relatively frequent on and about Thorne Moors, but does not occur in the peat, being associated with routeways.
Common Shrew	Sorex araneus	1969-2007	The commonest shrew on Thorne Moors, living in a range of habitats.
Pygmy Shrew	S. minutes	1969-2003	Apparently widespread on Thorne Moors, and possibly favouring wetter peat areas more than Common Shrew.
Water Shrew	Neomys fodiens	<1972>-2007	Encountered widely on Thorne Moors, but very infrequently.
Whiskered Bat /Brandt's Bat	Myotis mystacinus /M. brandtii	1999-2000	Visits Thorne Moors to feed.
Daubenton's Bat	M. daubentoni	2000	Visits Thorne Moors to feed.
Noctule	Nyctalus noctula	2000	Apparently visits Thorne Moors to feed, and may have summer roosts.
Pipistrelle	Pipistrellus pipistrellus	1999-2000	Visits Thorne Moors to feed.
[Brown Long-eared Bat	Plecotus auritus		Unconfirmed].
Rabbit	Oryctolagus cuniculus	1877-2007	Widely present on and around Thorne Moors, though less frequent on peat areas. Population fluctuations are at least partly due to disease, with current numbers being the highest on record.
Brown Hare	Lepus europaeus	Mid-18th century-	Widely present on and around Thorne Moors, except in woodland and in the wettest, thickly vegetated parts of the peat.
		2007	
Red Squirrel	Sciurus vulgaris	2007 1930s-40s	A former denizen of marginal woodland on Thorne Moors.
Red Squirrel Grey Squirrel	Sciurus vulgaris S. carolinensis		A former denizen of marginal woodland on Thorne Moors. An infrequent but increasing visitor to Thorne Moors, seen almost invariably in wooded or scrubby areas. Breeding was reported in 1977 from Whitaker's Plantation.

Field Vole Microtus agresits 1973-94 Apparently widespread on Thorne Moors, but probably only occurring on the peat areas along routeways. Water Vole Arvicola terrestris 1877-2007 Widely reported along watercourses on and around Thorne Moors, but numbers are in decline. Wood Mouse Apodemus sylvaticus 1930s-89 Apparently mostly associated with peripheral parts of Thorne Moors, but with occasional records from the peat. Harvest Mouse Micromys minutus 1930s-89 Apparently mostly associated with peripheral parts of Thorne Moors, but with occasional records from the peat. House Mouse Mus domesticus First half of 20th century Division of the century Stroke Mid-18th century 2007. On Thorne Moors, recorded peripherally and synanthropically, but with at least marginal penetration on to the edge of the peat. Fox Wulpes vulpes Mid-18th century 2007 Apparently present in all parts of Thorne Moors, except possibly the wetter vegetated peat. Weasel Mustela erminea (1895)-2007 Apparently present in all parts of Thorne Moors, except possibly the wetter vegetated peat. Records have declined since modern documentation began. Mink Muson 1994-2007 A recent arrival on Thorne Moors, with breeding proved in 2003. Badger Meles meles (1907)-2007 Resident in several parts of Thorne Moors, but peripherally and in man-made banks in surrounding agricultural land. Otter Lutra lutra 1906-72 There were occasional records from Thorne Moors up to 1972. Red Deer Capreolus Capreolus 1959-2007 Has increased on Thorne Moors during the period of modern documentation (probably based on animals from deer farms), and mid-1960s-2007 breeding has been proved. Fallow Deer Sana dama 1959-2007 Has increased greatly on Thorne Moors during the period of modern documentation, with a significant breeding population. Muniqac Munitacus reevesi 2000-04 A recent arrival on Thorne Moors, apparently centred at Will Pits.				
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	Amphibians			
Common Toad Bufo bufo 1895-2005 Widely reported on Thorne Moors, and also associated with peripheral waters and drains.	Common Frog	Rana temporaria	1895-2007	Widely reported on Thorne Moors, and also associated with peripheral waters and drains.
	Common Toad	Bufo bufo	1895-2005	Widely reported on Thorne Moors, and also associated with peripheral waters and drains.

Great Crested or Warty Newt	Triturus cristatus	Early 1950s-1990	Formerly occurred in some drains surrounding Thorne Moors. Now apparently extirpated.
Smooth or Common Newt	T. vulgaris	(1898)-2004	Widely reported on Thorne Moors, and also associated with peripheral waters and drains.
Reptiles			
[Slow-worm	Anguis fragilis		Reported in error].
Common Lizard	Lacerta vivipara	1865-2008	Frequent on Thorne Moors, and marginally present off the peat.
[Sand Lizard	L. agilis		Reported in error].
Adder or Viper	Vipera berus	(1785)-2008	Frequent on Thorne Moors, and marginally present off the peat.
Grass or Ringed Snake	Natrix natrix	1821-2008	Widely present, but generally infrequent on Thorne Moors away from the edges.
Freshwater fish			
European Eel	Anguilla anguilla	(1895)-2002	Occurs in drains and waters surrounding Thorne Moors, and has been stocked on Inkle Moor.
Common Bream	Abramis brama	c.1930-1980s	Stocked in waters on Inkle Moor, and also formerly reported from the Thorne Waste peat canals. Current status uncertain.
Goldfish	Carassius auratus	Mid-late 1960s	Introduced into the Thorne Colliery cooling ponds, but did not persist.
Common Carp	Cyprinus carpio	1970s-2003	Stocked in waters on Inkle Moor.
	Rutilus rutilus		
Roach	Rullius Tullius	Late 1920s-2004	Occurs in drains and waters surrounding Thorne Moors. Also some stocking of fishing ponds, and formerly reported from the Thorne Waste peat canals.
Rudd	Scardinius erythrophthalmus	1970s-2003	Stocked in waters on Inkle Moor. May include hybrids.
Tench	Tinca tinca	Early 1940s-2004	Stocked in Bell's Pond and in waters on Inkle Moor. Has included 'Golden' Tench.
Pike	Esox lucius	(1895)-2003	Occurs in drains and waters surrounding Thorne Moors, and has been encountered on the moorland.
Atlantic Salmon	Salmo salar	1912	A vagrant, the only record being of one stranded at New Zealand during warping operations.
Three-spined	Gasterosteus aculeatus		Occurs in drains and waters surrounding Thorne Moors, and has exceptionally penetrated on to the margins of the moorland, with
Stickleback	Casterostoae acarcatas	107 1 2000	one record from nearer the interior. Said to have been introduced into waters on Inkle Moor to augment existing populations.
Nine-spined or Ten- spined Stickleback	Pungitius pungitius	1972-87	Has occurred in some drains and waters surrounding Thorne Moors. Current status uncertain.
Perch	Perca fluviatilis	1920s?-2004	Stocked in Bell's Pond, in waters on Inkle Moor, and in the Thorne Waste peat canals. Also reported from Swinefleet Warping Drain.