

SOME LAND AND FRESH-WATER SHELLS OF THE LIMERICK DISTRICT.

By HARRY FOGERTY.

Last November Dr. George Fogerty and myself began to collect and study the Mollusca of our surrounding neighbourhood, and thinking it may be of interest to readers of the *FIELD CLUB JOURNAL*, and perhaps induce some to come forward and assist us, I have listed the specimens we have obtained so far.

Before, however, saying anything about the shells I must first explain that by the Limerick District is meant Counties Limerick, Clare, and North Tipperary—that is Tipperary north of the Great Southern and Western Railway. Most of our time was spent in Limerick, with a few excursions into Clare, and one solitary, but productive visit, to North Tipperary.

The ditches near the city draining the low lying lands, were, on the whole very good hunting grounds, as also were the upper reaches of the river, and the Canal. Near the city itself the numerous quarries well repaid the time spent on them, and the boundary walls and gardens of town houses yielded many specimens.

In several cases we have found the species in other localities besides those mentioned.

As regards the *Helix itala* found at Rosbrien, I quote the following remark from a letter from Mr. R. Welch, of Belfast, to whom we owe a great deal of thanks for the way in which he has assisted us in identifying species; He writes:—"The Rosbrien *H. itala* are grand specimens, quite like the Rosapenna, N. W. Donegal shells, and much larger than either east coast or usual English specimens."

I append the detailed list for

COUNTY LIMERICK.

SPECIES	LOCALITY	REMARKS
<i>Vitrina pellucida</i>	Quarry in Limerick	A few only
<i>Hyalinia draparnaldi</i>	Corbally	Only found in one restricted area
<i>H. cellaria</i>	Ballysimon and Rosbrien	Common
<i>Helix rotundata</i>	Roxboro' and Ballyclough	Common. Var. <i>alba</i> occurred with the type
<i>H. aspersa</i>	Rosbrien and Limerick city	Common.
<i>H. nemoralis</i>	Hedge rows and slopes on Dock road	Common, and in every shade of colour, from dark brown to lemon
<i>H. rufescens</i>	Corbally	Not common
<i>H. itala</i>	Rosbrien and Mungret	In great profusion
<i>H. caperata</i>	Quarry in Limerick city	A rare species about Limerick
<i>Pupa cylindracea</i>	Ballysimon and Limerick city	Very common
<i>Clausilia bidentata</i>	Ballysimon	Very plentiful
<i>Cochlicopa lubrica</i>	Corbally	Not common
<i>Succinea putris</i>	Corbally	A few only
<i>S. elegans</i>	Ballyclough	Not plentiful
<i>Planorbis marginatus</i>	Canal	Not very common
<i>Limnaea peregra</i>	In every ditch near Limerick	Very plentiful, and as usual, very variable
<i>L. stagnalis</i>	Ballyclough	Two large specimens
<i>Neritina fluviatilis</i>	Ballyclough, and River Shannon	Plentiful. Very dark specimens
<i>Bythinia tentaculata</i>	Almost everywhere	In great profusion of colour
<i>Valvata piscinalis</i>	Ballyclough hand Corbally	Fairly common
<i>Sphaerium corneum</i>	Corbally and Ballyclough	A few taken in debris

COUNTY CLARE.

We only worked a few localities in this district, namely—Delmege's Glen, Cratloe, and the River Blackwater, with the Canal adjacent, so that the results do not seem very large.

The list is as follows :—

SPECIES	LOCALITY	REMARKS
<i>Hyalinia cellaria</i>	Delmege's Glen	Common
<i>Helix rotundata</i>	Delmege's Glen and Cratloe	Very plentiful
<i>H. aspersa</i>	Cratloe	Large specimens
<i>H. nemoralis</i>	Cratloe	All very dark specimens
<i>H. itala</i>	Meelick	Small, and var. <i>alba</i> common
<i>Pupa cylindracea</i>	Cratloe	Common
<i>Clausilia bidentata</i>	Delmege's Glen	Plentiful on trees
<i>Planorbis marginatus</i>	Canal	Plentiful
<i>P. vortex</i>	Canal	Fairly common
<i>Limnæa peregra</i>	Delmege's Glen	A few in stream
<i>L. stagnalis</i>	Canal	Common
<i>Neritina fluviatilis</i>	River Blackwater	Common
<i>Anodonta cygnæa</i>	Craggaunowen Lake	

NORTH TIPPERARY.

One day only was spent in this district, but it was by no means a wasted day, We went on the 17th March, and visited the locality of Ballina and the hill of Tountinna above the shores of Lough Derg. The two things which we noted most were the rarity of *H. itala*, so common in the Limerick district, and the almost complete absence of *H. aspersa*, the common garden snail, the solitary specimen seen being found close to the Lake Side Hotel.

The following is the detailed list :—

SPECIES	LOCALITY	REMARKS
<i>Hyalinia cellaria</i>	Ballina	Very plentiful
<i>Helix rotundata</i>	Ballina and Tountinna	Extremely common
<i>H. aspersa</i>	Ballina	One shell only

SPECIES	LOCALITY	REMARKS
<i>H. nemoralis</i>	Ballina	Common in the woods
<i>H. hispida</i>	Tountinna	Common
<i>Pupa cylindracea</i>	Ballina	Plentiful on old walls
<i>Clausilia bidentata</i>	Ballina	Very common
<i>Cochlicopa lubrica</i>	Birdhill	Two or three among dead leaves
<i>Limnæa peregra</i>	Lough Derg	Not uncommon
<i>Neritina fluviatilis</i>	Lough Derg	A few specimens only
<i>Bythinia tentaculata</i>	Lough Derg	Common
<i>Valvata piscinalis</i>	Lough Derg	Very plentiful

This completes the list of what we have found so far, and in conclusion, I wish to thank those who have helped us to enlarge the list by collecting for us, and to state that, if anyone living within the above districts should find shells which they do not think belong to the common species, they would send them either to myself at 21 Henry-street, or, to Dr. G. Fogerty, R.N., 67 George-street, Limerick, as we hope to have a further list ready for the next issue of the Field Club Journal.
