

# Isle of Man Bluebell survey

Remember do **not pick bluebells** without the landowner's permission.

## Tips

It is important that you limit your observations to the **same patch** or **clump** of bluebells.

Look at **several** specimens from the clump. For example, if you are recording the flower shape, observe the variety of differing flower shapes before deciding which shape is the **most frequent**.

For some features, such as flower diameter, we need you to **measure parts** of the plant. Measure **five** of each, from different parts of your clump, and record your measurements in the boxes provided.

Recorder name:

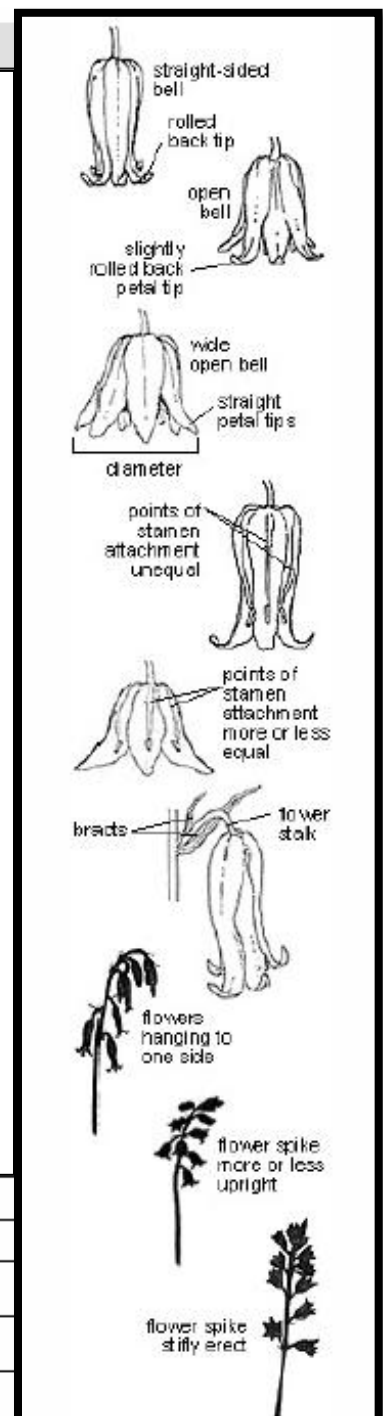
Date:

Grid ref or post code:

Habitat:

Approx distance (metres) to nearest house (can be derelict):

Flowers					
Flower shape:	<input type="checkbox"/> Straight-sided bell <input type="checkbox"/> Open bell <input type="checkbox"/> Wide open bell				
Scent:	<input type="checkbox"/> Strong <input type="checkbox"/> Weak <input type="checkbox"/> Unscented				
Petal shape:	<input type="checkbox"/> Rolled back tip <input type="checkbox"/> Slightly rolled back tip <input type="checkbox"/> Straight tip				
Petal colour:	<input type="checkbox"/> Deep violet-blue <input type="checkbox"/> Mid-blue <input type="checkbox"/> Pale blue <input type="checkbox"/> White <input type="checkbox"/> Pink				
Anther colour:	<input type="checkbox"/> Pale cream <input type="checkbox"/> Pale blue <input type="checkbox"/> Mid-blue				
Stamen attachment:	<input type="checkbox"/> Equal <input type="checkbox"/> More or less equal <input type="checkbox"/> Unequal				
NOTES:					
Choose five flowers from a single stem and record the following measurements					
Flower:	1	2	3	4	5
Flower diameter (mm):	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Petal width (mm):	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Filament width (mm):	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



Leaves					
Choose five leaves from same clump and record leaf-specific data					
Leaf:	1	2	3	4	5
Leaf widths (mm):	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Leaf tip angularity:	<input type="checkbox"/> Blunt <input type="checkbox"/> Intermediate <input type="checkbox"/> Acute				
Flower spikes					
Spike:	1	2	3	4	5
Number of flowers/pods:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Spike shape:	<input type="checkbox"/> Straight <input type="checkbox"/> Intermediate <input type="checkbox"/> Arched				
Identification key					
<b>Question One</b>					
<p>Leaves narrow, usually less than 15mm broad. Flowers normally narrow, straight-sided bells and strongly scented in warm weather. Petals strongly rolled back. Anthers creamy-white = <b>Bluebell</b> (<i>H. non-scripta</i>).</p> <p>or</p> <p>Leaves usually wide, often greater than 15mm broad. Flowers broader flaring bells and not scented in warm weather. Petals not rolled back or slightly rolled back. Anthers pale to dark blue. <b>Go to question two.</b></p>					
<b>Question Two</b>					
<p>Flower spike often droops lightly to one side. Flowers spreading, 10-20mm diameter. Petals rolled back slightly. Anthers pale creamy-blue (occasionally creamy-white) = <b>Hybrid Bluebell</b> (<i>H. x massartiana</i>).</p> <p>or</p> <p>Flower spike usually stiff and upright. Flowers broadly spreading, 15-25mm diameter. Petals usually not rolled back. Anthers clear mid-blue = <b>Spanish Bluebell</b> (<i>H. hispanica</i>).</p>					
I think the specimen is:	<input type="checkbox"/> Native bluebell <input type="checkbox"/> Spanish bluebell <input type="checkbox"/> Hybrid bluebell <input type="checkbox"/> Don't know				

Voucher specimen: Y/N

Photo: Y/N