

Your name: \_\_\_\_\_ Date: \_\_\_\_\_

**UNIT 7. THE CAMPION FAMILY – CARYOPHYLLACEAE**  
QUESTION SHEET 7

1. Find a population of *Silene dioica* or *S. latifolia* and select 10 plants at random. (The simplest way is to walk in a line and take the first 10 plants that you pass.) Count how many are male and how many are female. You can do this even if they have finished flowering because the females will have seed capsules. Note which plants still have flowers with petals and which have finished flowering.

**Date:**

**No. of male plants with flowers:**

**No. of female plants with flowers:**

**No. of male plants without flowers:**

**No. of female plants without flowers:**

Would you expect to get the same results if you carried out the count at a different time of year? Explain.

**Note: The *Silenes* are common throughout most of the UK but not in Ireland. Consult the BSBI distribution map ([www.bsbi.org](http://www.bsbi.org) > Resources > Maps) and consult your tutor if you are affected.**

2. Find **THREE** of the following 4 species and enter them in the table

*Stellaria media*

*Stellaria graminea*

*Sagina procumbens*

*Lychnis flos-cuculi*

Species	Date	Location, habitat	Diagnostic features
1. (Name)			Family features
			Specific features

2.			Specific features
3.			Specific features

- Find a specimen of *Stellaria media* and key it out to species level, starting at page 24 of WFK and proceeding to the family key and then to the key to the genus *Stellaria* on page 148. Show your pathway by writing the numbers of the couplets (as explained in question sheet 3).