

Western Australian Flora Statistics 2007

This page provides the user with a set of standard statistics on the size, diversity and endemism of the Western Australian vascular flora as at 1st June 2007.

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Vascular Flora Statistics - June 2007

Analysis of the size of vascular plant divisions for various categories of name

Category	Pteridophytes	Gymnosperms	Monocots	Dicots	Total
Total names ^A	138	34	3471	14826	18469
Non-current names ^B	33	10	926	3297	4266
Current names ^C	105	24	2545	11529	14203
Current taxa ^D	98	24	2402	10565	13089
Current species ^E	96	24	2243	9546	11909
Manuscript names ^F	0	0	35	404	439
Phrase names ^G	0	0	207	889	1096
Published species ^H	96	24	2001	8253	10374
Published alien species ^I	8	7	339	797	1151
Published native species ^J	88	17	1662	7456	9223

Data sourced on 1st June 2007. Compare with [the 2008 figures](#) or with [the 2006 figures](#).

^A - total number of vascular plant names in the database

^B - number of synonymous, excluded or misapplied names (ie. plant names no longer in current use, at least in WA)

^C - number of currently accepted plant names (ie. includes the species-level name when infra-species exist)

^D - number of currently accepted taxa (ie. excludes the species-level name when infra-species of that taxon exist)

^E - number of currently accepted species (ie. only the species-level names, excludes any infra-species names)

^F - number of proposed but unpublished species (ie. informal names proposed on specimens or in manuscripts)

^G - number of assigned but unpublished species (ie. informal names assigned to specimens for further analysis)

^H

- number of formally published species names (ie. formally published names described in botanical literature)
- I - number of published naturalised alien species (ie. formally published names of weed species occurring in WA)
- J - number of published species native to Western Australia (ie. formally published names of native WA species).

Compiled by **Alex Chapman**; last updated on 8 June 2007.

Did you notice?

There is, in general, a diminishing relationship between figures in subsequent rows of the table, as figures in each category are subtracted from the ones above.

Eg. in each column: $A - B = C$.

Having trouble deciding ...

... the most appropriate data for your purpose? **The highlighted rows** are the recommended general figures if you need:

- to cite the actual number of known vascular plant entities in WA ^D, or
- a conservative estimate of the number of well-documented vascular plant species ^H.

'Green's Census'

For those familiar with 'Green's Census' - Green, J.W. (1985) *Census of the vascular plants of Western Australia* 2nd ed., WA Herbarium, Perth - and subsequent supplements, the following four PDF tables are presented in the style of Green's statistical summaries. They provide further details corresponding to row H in the above table. Data also sourced on 1st June 2007.

- Table 1. **Conspectus Of Families And Genera With Statistics**
- Table 2. **Families Ranked By Number Of Species**
- Table 3. **Genera Ranked By Number Of Species**
- Table 4. **Size Of Vascular Plant Divisions**



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