

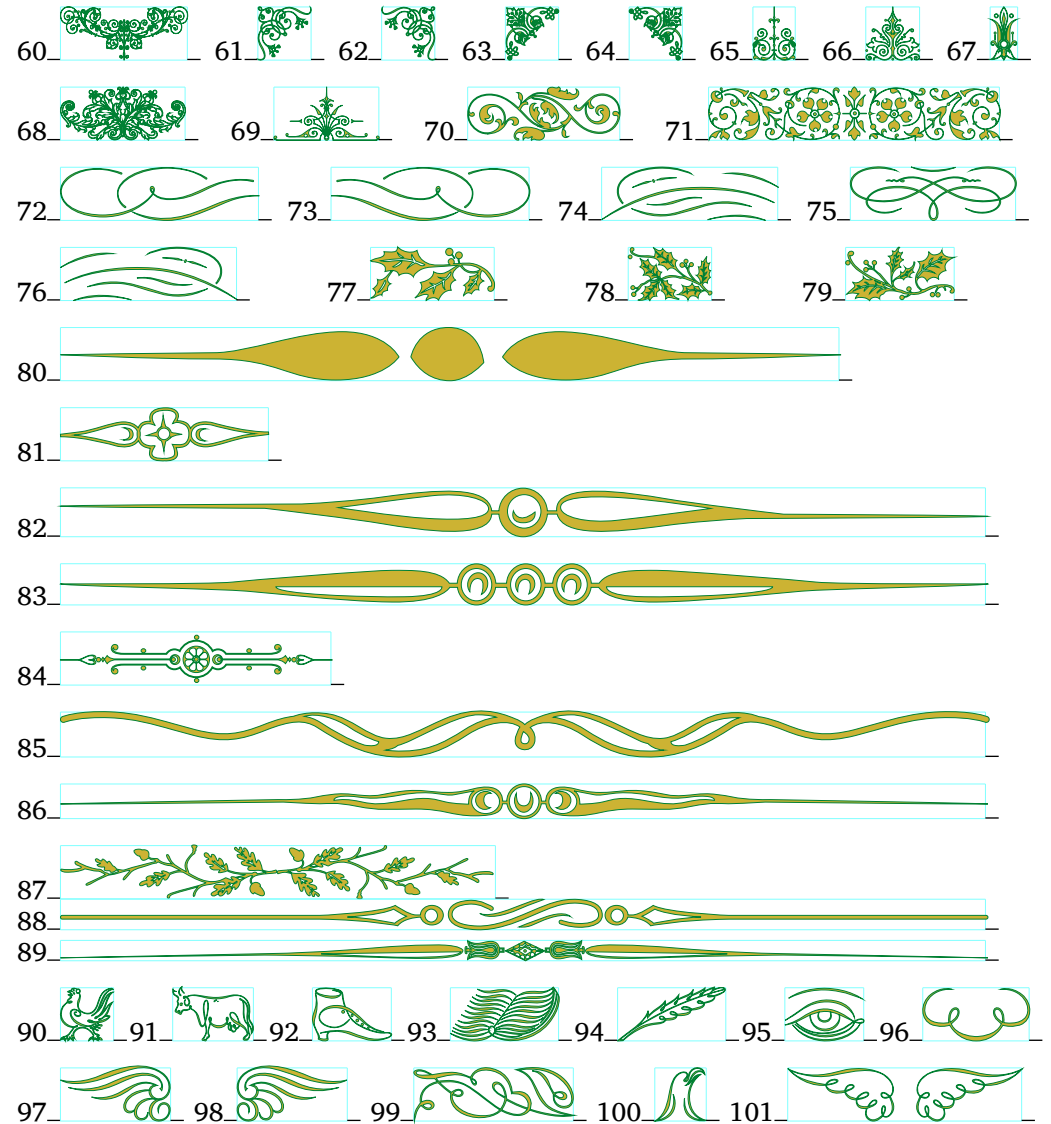
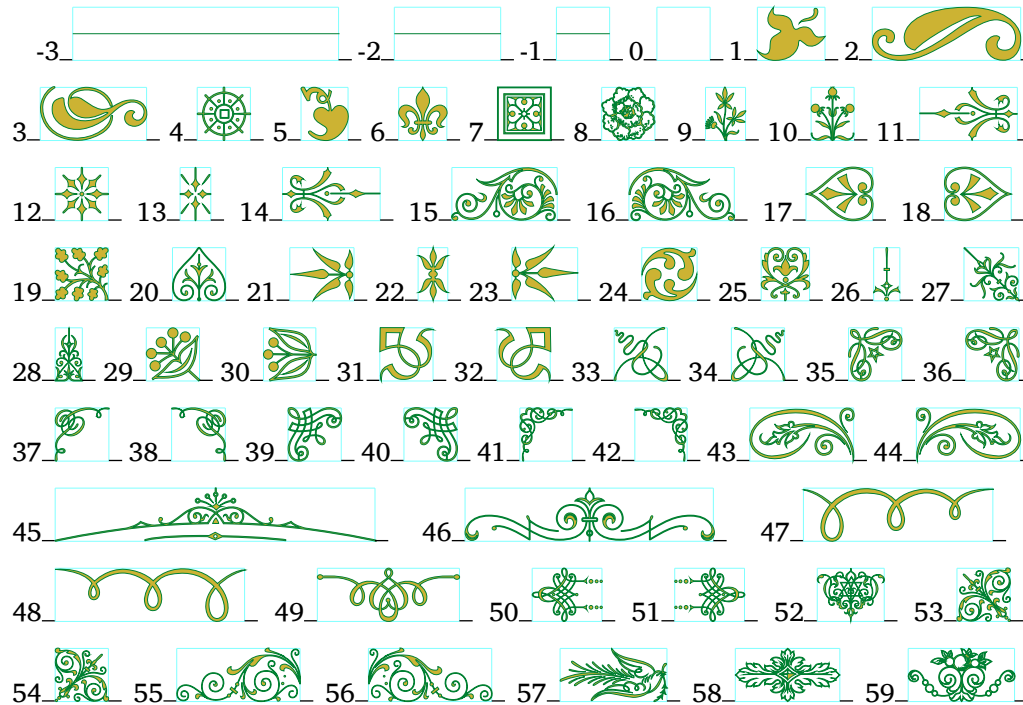
# Catalogue of ornaments

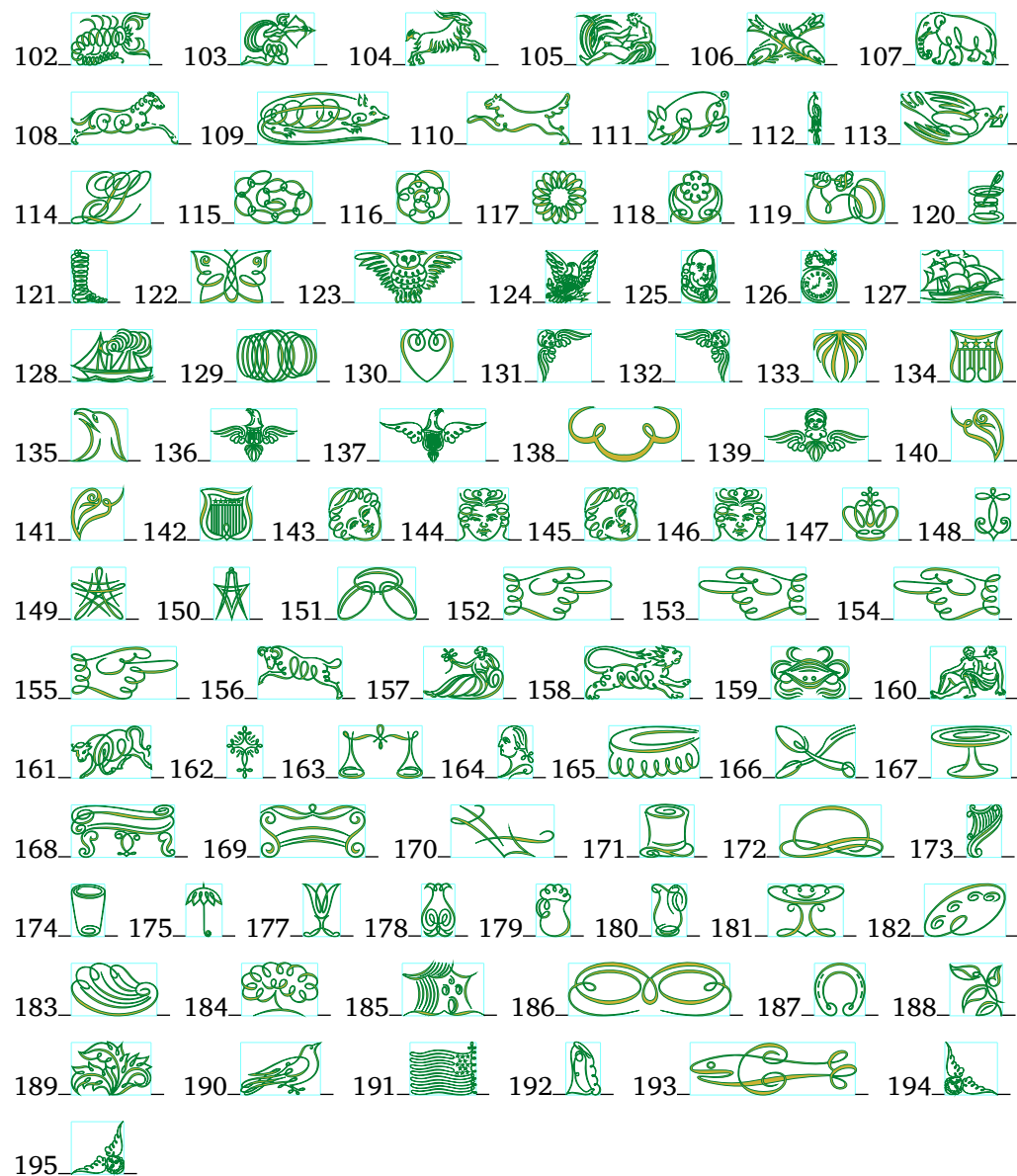
## About this document

This document exists to show the reader what ornaments exist in the libraries. It does **not** indicate that any of them are suitable for a specific audience. For this document, ornaments are shown preceded by their number, surrounded by a pale blue box, and with a short horizontal line marking the baseline. The box represents how big TeX has been told they are. It is known that there are some boxing errors. The worst of these have been corrected, but a mechanism exists (e.g. `\OrnamentTweakX{pgfhan}{77}{-15.5}` to refine others).

### The Default Ornaments (vectorian)

A lot of these ornaments are not suitable for scripture where images of plants and animals are not permitted...

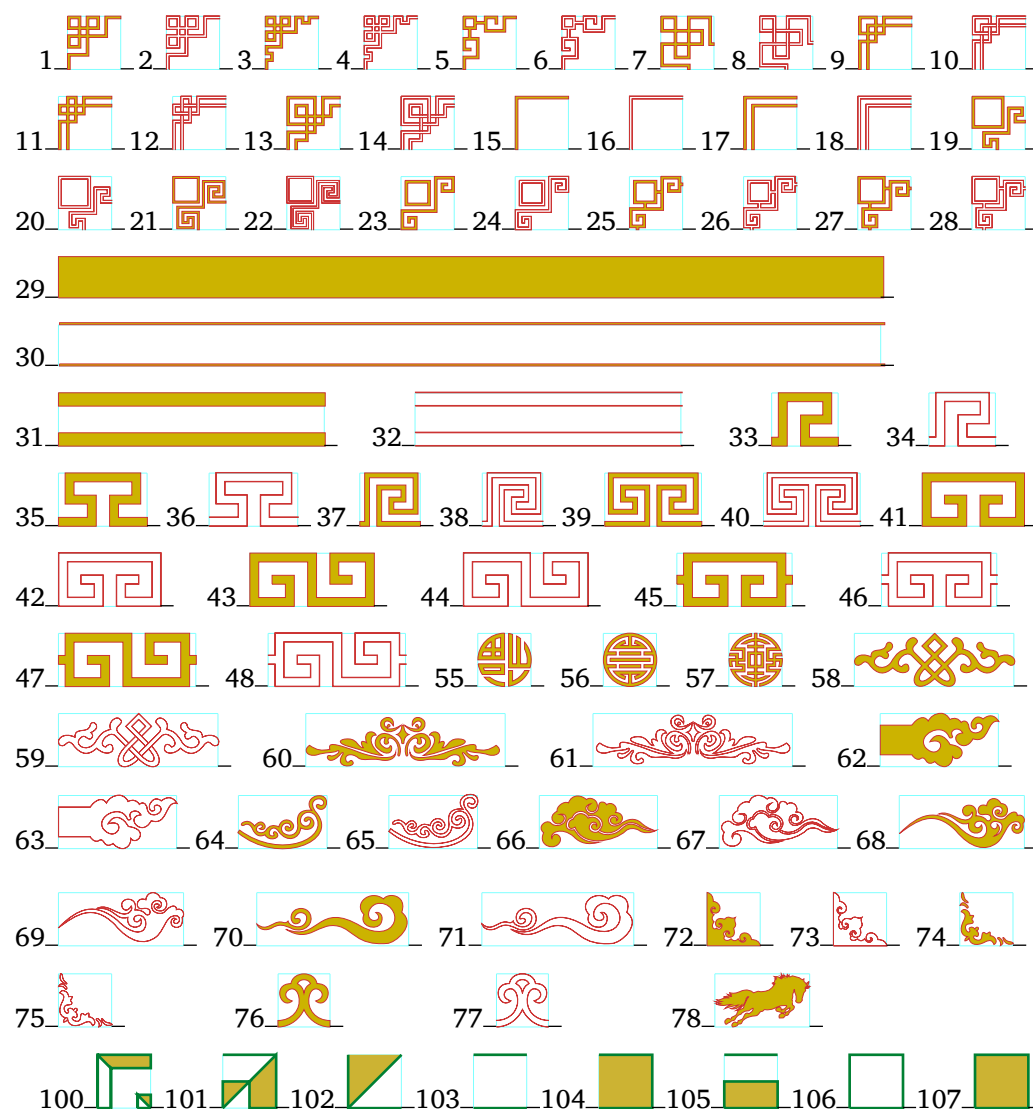


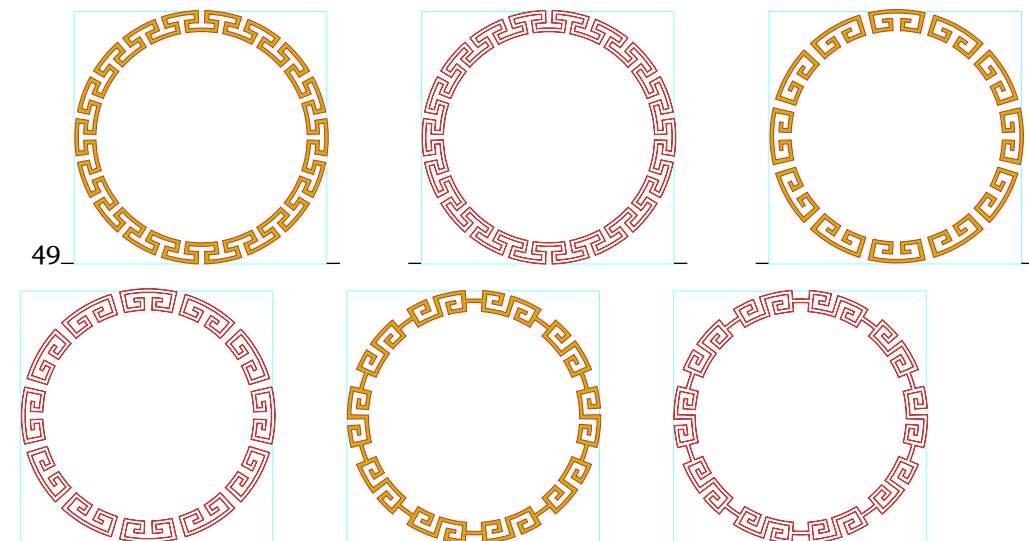


Pgfnan Ornaments

The 'han'-style ornaments now include some PTXprint-specific elements (numbers 100 onward) that are suitable for map borders. They are shown after the sample page borders.

100 is intended for use with a border of 31 and 32; 101 with 105, and 102 with 103 and 104 (next to the corner) and 106 and 107 (in the main fill area).





### Predefined zrules at 0.5 width and 0.7

Notice how some of the rules contain optional elements, and other distort.

VectorianRule1



VectorianRule2



VectorianRule3



VectorianRule4



VectorianRule3m



VectorianRule3b



VectorianRule85



VectorianRule85v



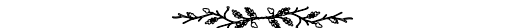
VectorianRule85s



VectorianRule86



VectorianRule87



VectorianRule88



VectorianRule89



VectorianRule1



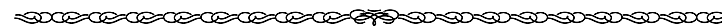
VectorianRule2



VectorianRule3



VectorianRule4



VectorianRule3m



VectorianRule3b



VectorianRule85



VectorianRule85v



VectorianRule85s



VectorianRule86



VectorianRule87



VectorianRule88



VectorianRule89



HanRule62



HanRule62v



HanRule35



HanRule47



Vectorian1 on a5

**Page catalogue.**

This 'page' and those that follow is a catalogue of some pre-defined borders. They are displayed here as 'covers' - filling the whole of a 'page'. Note that some of the borders will include, exclude or scale certain elements based on the actual size to which they are to fill / surround, to minimise the required stretch/shrink. Thus there may be unexpected changes from adjustments of the padding etc.

For all designs in real situations, some tweaking of the BoxPadding and BorderPadding parameters may be very appropriate.

Vectorian1 on a4

Vectorian1 uses the very ornate and quite floral ornament71, probably to excess. Notice how on with the default settings on A4 paper, one less ornament 72 is being used than when the same border was used on A5.

Borders where the coloured rectangle is inside the ornamental border have zero or positive border padding. For a border fully inside the coloured area, the border padding must equal (or be more negative than) -BorderWidth

Vectorian4 on a5

Vectorian4 uses spacing as fill, without ornament 70.

Vectorian4 on a4

Vectorian2 on a5

Vectorian2 is still uses the quite 'leafy' ornament 70, but does not have the overly detailed element 71 that Vectorian 1 does.

Vectorian3 on a5

Vectorian3 also uses ornament70, but uses different corner and edge-fill parts.

v88 on a5

The vXX family are simpler.

v88r on a5

v88c on a5

v88out on a5

Notice the border here is outside the colour-fill area. That's what the 'out' in the naming scheme means.

v85 on a5

v85r on a5

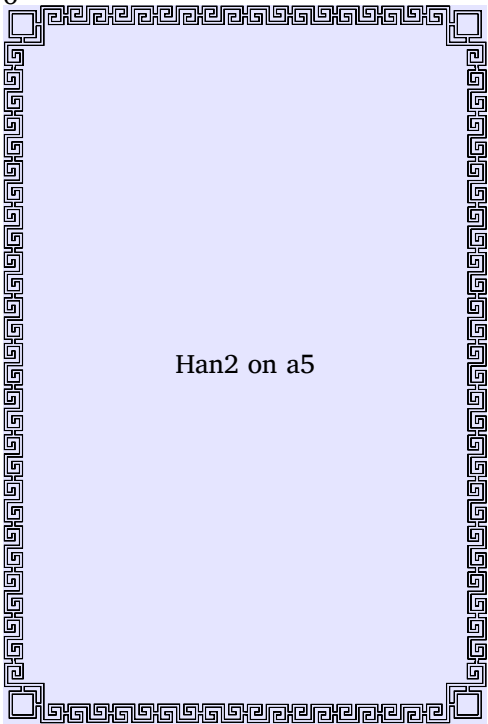
v86c on a5

v86out on a5

v85out on a5

Han1 on a5

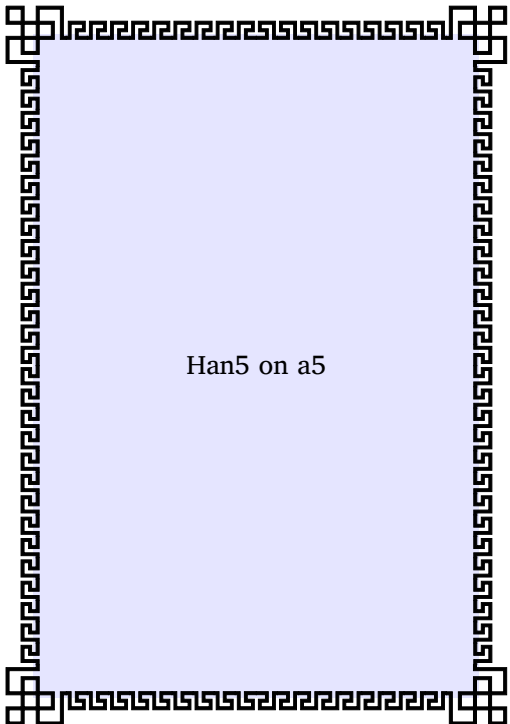
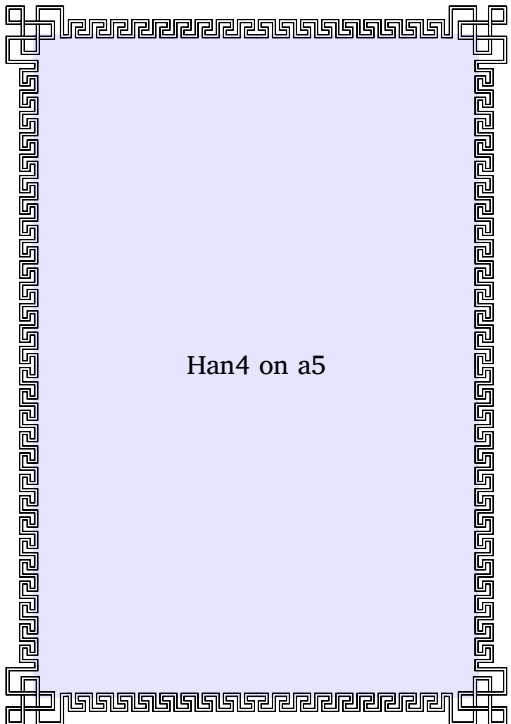
Han1 uses solid-filled border elements, in contrast to the 'just lines' used in Han2.

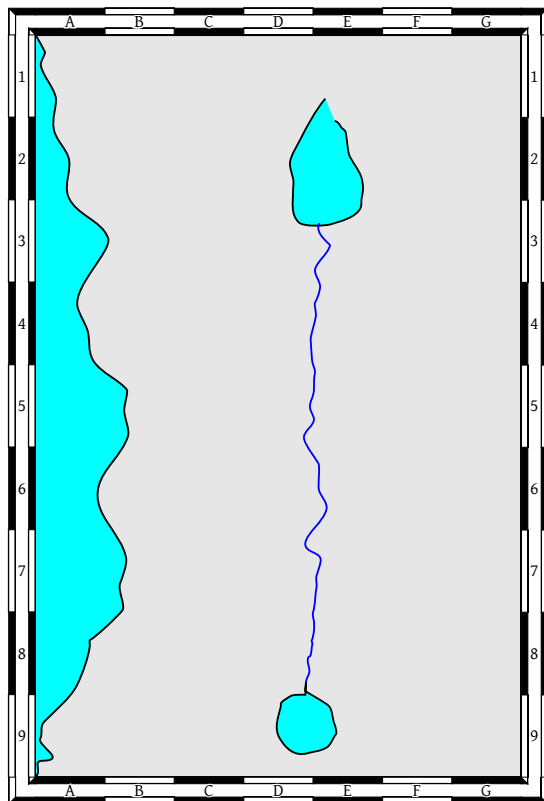


Han3 on a5

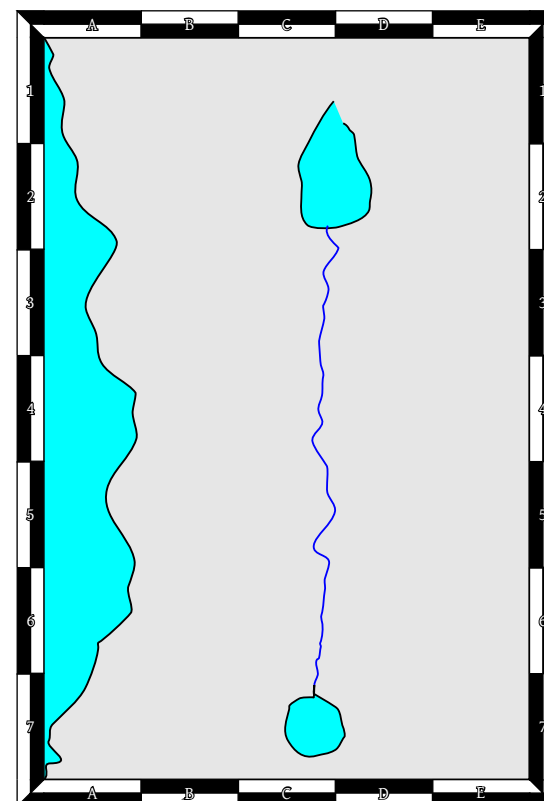
Scaling issues

This border is made from a pair ornaments intended to align perfectly. Nevertheless, with the corners needing to be significantly larger than the edges, this was very difficult to achieve just using a scaling number. The `\OrnamentScaleRef` line in the `standardborders.sty` file provides a perfectly matching scaling of different elements, but the final result still isn't perfect without some further manual adjustment using the 'alignment tweak' parameter. This is because the size of the ornament is always an integer number of the natural units, but the vectors themselves are at fractional heights.



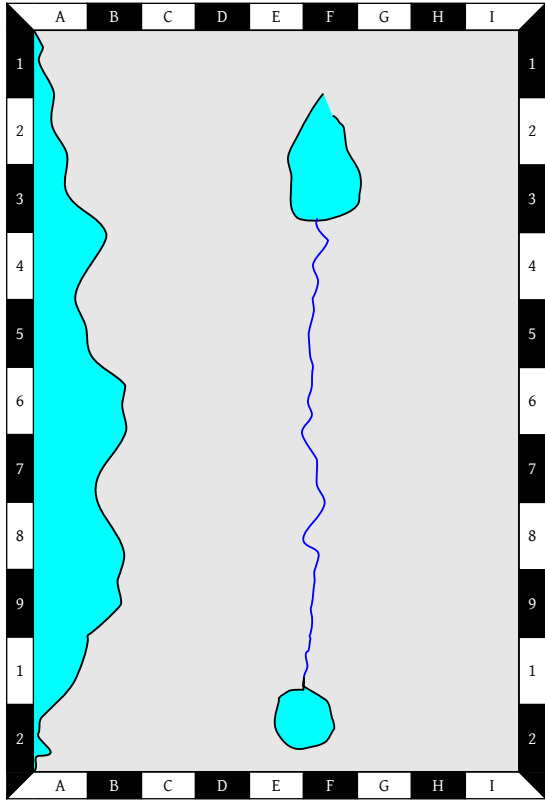


*MapEdge4 (1, 2, 3, 4 and 5 have the same pattern, but are 5x5, 5x7, 7x7, 7x9 and 9x9 respectively)*

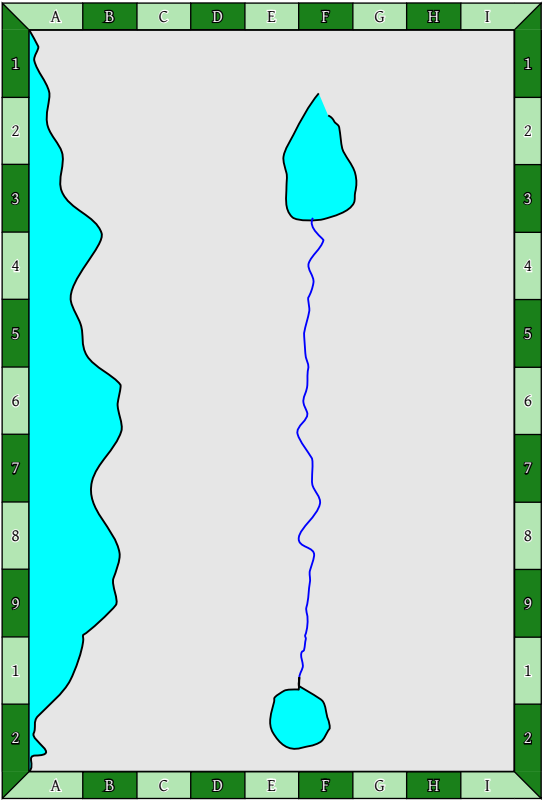


*MapEdge7 (6, 7, 8, 9 and 10 have the same pattern, but are 5x5, 5x7, 7x7, 7x9 and 9x9 respectively)  
The labels are styled with style zbn2. Both zbn1 and zbn2 have the new 'Outline' style set.*






MapEdge14 (11, 12, 13, 14 and 15 have the same pattern, but are 5x5,5x7, 7x7, 7x9 and 9x9 respectively).



MapEdge14 - modified. The standard maps edges all include a background box reaching to the outer edge of the border (BoxPadding 10, BorderPadding -10, BorderWidth 10) thus making applying an alternative colour to white (here pale green) as simple as supplying an alternative BgColour attribute. BorderFillColor controls the normally-black border blocks.

```
Definition of the modified style:  
\Marker cat:MapEdge14c|fig  
\BorderRef MapEdge14  
\BorderFillColor 0.1 0.5 0.1  
\BgColour 0.7 0.9 0.7
```





### Full Sized Test

This page is mainly to demonstrate the border at full scale. At the time of writing it used pattern Vectorian1 adjusted to use:

\BorderPadding -50

\BoxPadding 60

\BorderWidth 30

\BorderFillColor x1f6f00

\BorderColour x2fcf00

\BgColour xf5eede

This giving a light green and dark green .