

Crustose lichens

Chapter four - identification in the field

A crustose lichen forms a crust that adheres so tightly to the substrate that it cannot be removed without destroying it. The thallus lacks a lower cortex, which distinguishes it from the foliose forms treated in the previous chapter. In the field the distinction is made by attempting to lift an edge with a knife: a foliose thallus gives way, a crustose one does not.

justified - word spaces stretch

measured before drawing: 7 lines, 34.6 mm

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ragged right - word spaces fixed

Alignment against a fixed point

left edge on the mark
centred on it
right edge on the mark

Spacing, scaling, position

normal setting

letter spaced

word spaced wide

condensed to 70 %

stretched to 130 %

raised lowered

H₂O and E = mc²

subscript and superscript through -rise

12 € and 5 kg

no-break space, U+00A0, in Helvetica

Rotation

rotated 0 degrees

rotated 30 degrees

rotated 60 degrees

rotated 90 degrees

The rent is 12 €, the deposit 34 € and the key 5 €: an amount keeps its unit at the end of a line, and only the word spaces stretch.

A rotated paragraph in the margin: the column is 40 mm wide, measured along the turned baseline, and the lines step sideways rather than down the page.

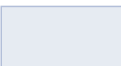
Symbol and ZapfDingbats

Two of the fourteen carry their own encoding. Declaring WinAnsi for them would scramble every glyph, so tclpdf does not.

αβγδεπσω √←-ε ∞≤

✓✓××× ■□□□□

Measured before drawing, with the same options



Measured with the same list the drawing takes: indents on both sides, a first-line indent, room between the paragraphs, a shape the text keeps clear of, and the top edge as the anchor.

The second paragraph is there for the paragraph spacing to have something to space.

textHeight said 23.8 mm (23.8 with -height, which it ignores), textLines counted 6 lines, and text advanced by 23.8 mm.

textWidth: 18.3 mm plain, 21.6 with -spacing 0.5 -wordSpacing 2, 14.6 at -stretch 80 - and the same in either -direction.