

NEW ZEALAND POSTAGE STAMPS ERRORS AND VARIETIES

NEW ZEALAND 1960 HEALTH KOTARE AND KERERU PLATING

Illustrating a plating exercise for the 1960 Health Stamps.

By Terry Hancox



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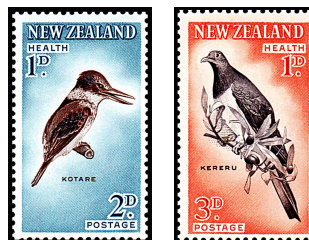
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NEW ZEALAND POSTAGE STAMPS ERRORS AND VARIETIES

NEW ZEALAND 1960 HEALTH KOTARE AND KERERU PLATING



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The New Zealand Society of Great Britain

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1960 Health Kotare and Kereru, Plating
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INTRODUCTION

The design of the 1960 Health stamps continued the native 'Bird' theme that began the previous year, with this issue featuring simple designs for the Kingfisher (Kotare) and Wood Pigeon (Kereru) for the 2d+1d and 3d+1d denominations respectively. This year there was a pleasant return to the recess printing methods by contracting with a different printer, Bradbury Wilkinson and Co.

For the specialist, the excitement in the use of the recess printing method soon subsides when it is realised that these stamps were so well printed, that there was little variety by which to differentiate each stamp from its neighbour. Plating of the stamps from main sheets, or miniature sheets using flaws and retouches that are the backbone of plating studies, is not possible. Yet do not despair, there remains opportunity for the specialist.

With this issue, stamps were available from both main and miniature sheets. It is with the 32 miniature sheets where the challenge lies; finding enough to differentiate between the 16 miniature sheets for each denomination, without having to resort to using the stamps themselves. There is one fortunate opportunity, as if it had been arranged by the printers with stamp collectors in mind, where the plate number 'A1' was cut into the plate, by hand, below the stamps on each miniature sheet. This holds the key to plating of the miniature sheets. This publication will show that, using these plate numbers, is it possible to identify specific miniature sheets positions on the master sheet. It has been said that a good handwriting expert can differentiate between each miniature sheet with that information alone. In truth a touch more information is needed to achieve that plating.

What is also very advantageous here is that there is already published material that relates to plating of the miniature sheets for this issue, in the tireless work done by staff of Campbell Patterson Ltd whilst the issue was current, in identifying and listing varieties found by examining the issued stamps in bulk, and by reference to the proof master sheets undertaken by Mr D. G. Naish of Wellington, to whom we also owe many thanks. Whilst the listing were not complete (nor entries entirely correct), they did enable a means to identify each miniature sheet to its correct master sheet plate position, and thereby enable CP to supply 'different' miniature sheets to their customers.

Also, the diligence of the printers to remove possible sources of varieties, they were zealous with the cleaning of the plates prior to printing, done harshly enough to leave scratches across the printing plates, when ink is applied, leaving horizontal and vertical lines in the blank areas of the sheet. These are seldom eye visible, but with a keen eye, good sunlight, and at least 10x magnification, these scratches are helpful in the plating exercise.

Today, the specialist has two main difficulties. Firstly, the ability to translate the original research done by Campbell Paterson to recognisable varieties that can be seen on the issued sheets in their collection, when such varieties were described rather than illustrated. This research will help with that translation. Secondly, there is a difficulty for the collector to acquire enough miniature sheets to find all 32 different sheets, when dealers cannot provide miniature sheets from specific plate positions for you. The collector will end up with a varying amount of duplicates, and like the author, wait several years for the elusive missing sheet to turn up.

This research attempts to illustrate varieties on both the main sheet and miniature sheets where these exist, and helps to plate copies of individual miniature sheets. Some background information is included also, where this will help with an understanding of the production methods and source of varieties.

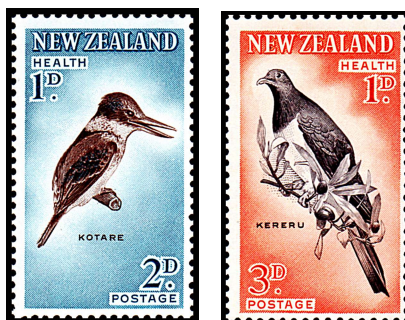
I hope you find this research useful.

Amend what is wrong and add what is new, for the benefit of collectors to come.

For comment and feedback, email the author at TAHNZstamps@gmail.com

Terry

* * * * *



1960, KOTARE and KERERU

The Stamps

In 1959 the Post Office started a programme of Health issues that featured native New Zealand birds. This year continued that theme, with stamps being prepared using the Kingfisher on the 2d+1d denomination and Wood Pigeon on the 3d+1d, as suitable subjects.

The contract for printing was won by Bradbury Wilkinson and Co. Ltd. for printing by the recess method. The Post Office had provided, as part of the tender, photographs of these two birds to be used as the central theme, but left it to the printers to determine the most appropriate layout of the design, inscription and country name. The Post Office had suggested the use of two or more colours, but again left it to the printers to define the colour scheme, including, importantly, the background colour.

Proofs were provided by Bradbury Wilkinson in both colour and black and white. In the colour proofs, various combinations of colours were suggested and after several alterations, the final designs were accepted. The original proofs received by the Post Office had the bird's names in their English equivalent. It was thought more prudent to use the Maori names and as such 'NZ Wood Pigeon' was replaced by 'Kereru'.

The final colours were, for the 2d+1d brown (for the bird) and blue (background); for the 3d+1d the colours were purple (bird) and orange (background). On both stamps there was a slight wash of the background colour across the whole of the sheet, not too heavy, but enough to tone the paper to give the illusion of three colours.

Stamps from large sheets and miniature sheets were ordered. The main sheets were composed of 120 stamps in six rows of 20 stamps and were perforated by a double comb machine that gauged 13 x 13½ working horizontally across the sheet from right to left.



For miniature sheets, there were 16 individual miniature sheets arranged in four rows of four sheets for each denomination. Each miniature sheet comprised of six stamps in two rows of three stamps.

Perforations gauged 11½ x 12 and were applied by a single comb machine horizontally. Both main and miniature sheets were printed on Wiggins Teape esparto paper with an upright watermark.

It is possible to differentiate between main and miniature sheets stamps by reference to the perforation alone, otherwise they were identical.

The stamps were placed on sale on 10th August 1960 the earliest date for health stamp to date to move this away from the new Christmas stamp the first of which would be issued in 1960. The withdrawn date of 30th November was as for previous years, but was extended to 31st January the following year. The extended period of sale was requested by the Chairman of the Health camp Federation, following the expected poor sales of the Health stamps post introduction of the Christmas stamp.

The number of stamps sold was,

2d+1d

4,044,755 from main sheets.

1,034,237 from miniature sheets.

3d+1d

3,914,407 from main sheets.

1,067,239 from miniature sheets.

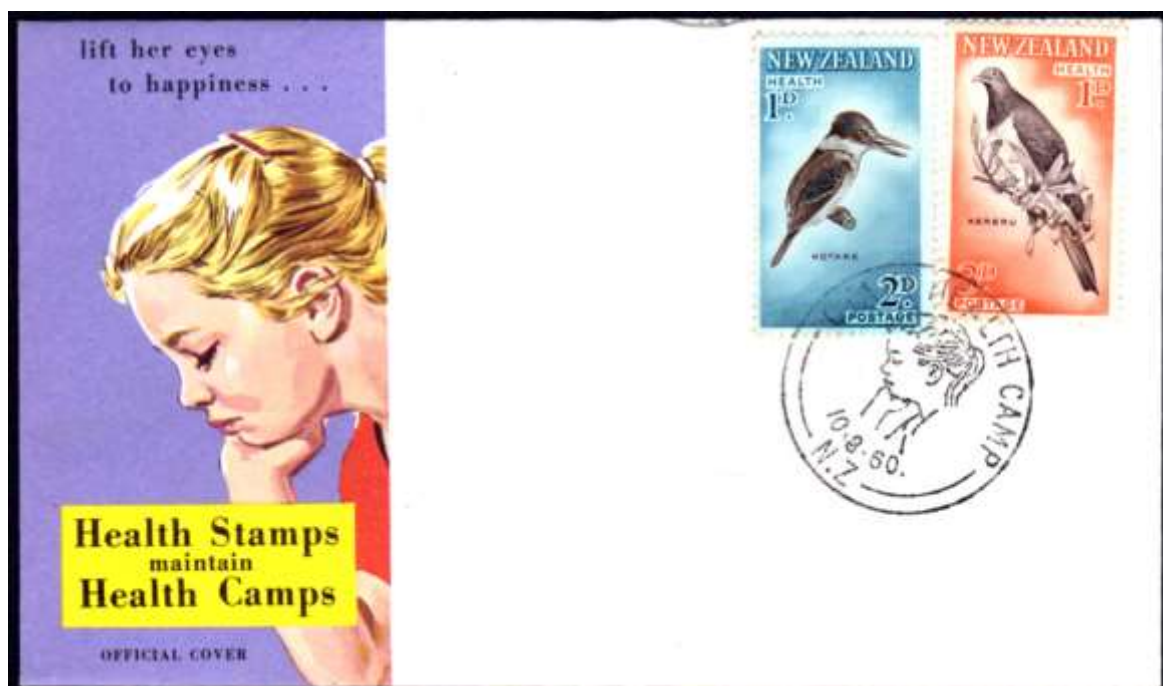
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Black and white photoproofs of the two stamps (assumed to be at proof stage due to the lack of perforations) produced for publicity purposes.
Produced on thick, glossy photo paper, shown actual size.

First Day Covers

Official first day covers were prepared by the Post Office. Pictorial datestamps, featuring a young girl, were used at the Health camps at Gisborne, Glenelg, Maunu, Otaki, Pakuranga and Roxburgh. The normal 'J' class datestamp was used for other post offices.



First Day Cover datestamped 'OTAKI HEALTH CAMP 10.8.60'.



First Day Cover datestamped 'ELGIN-10 AU 60 2'.



First Day Cover datestamped 'WELLINGTON EAST-10 AUG 60 1030AM'.



Reverse of the First Day Cover.

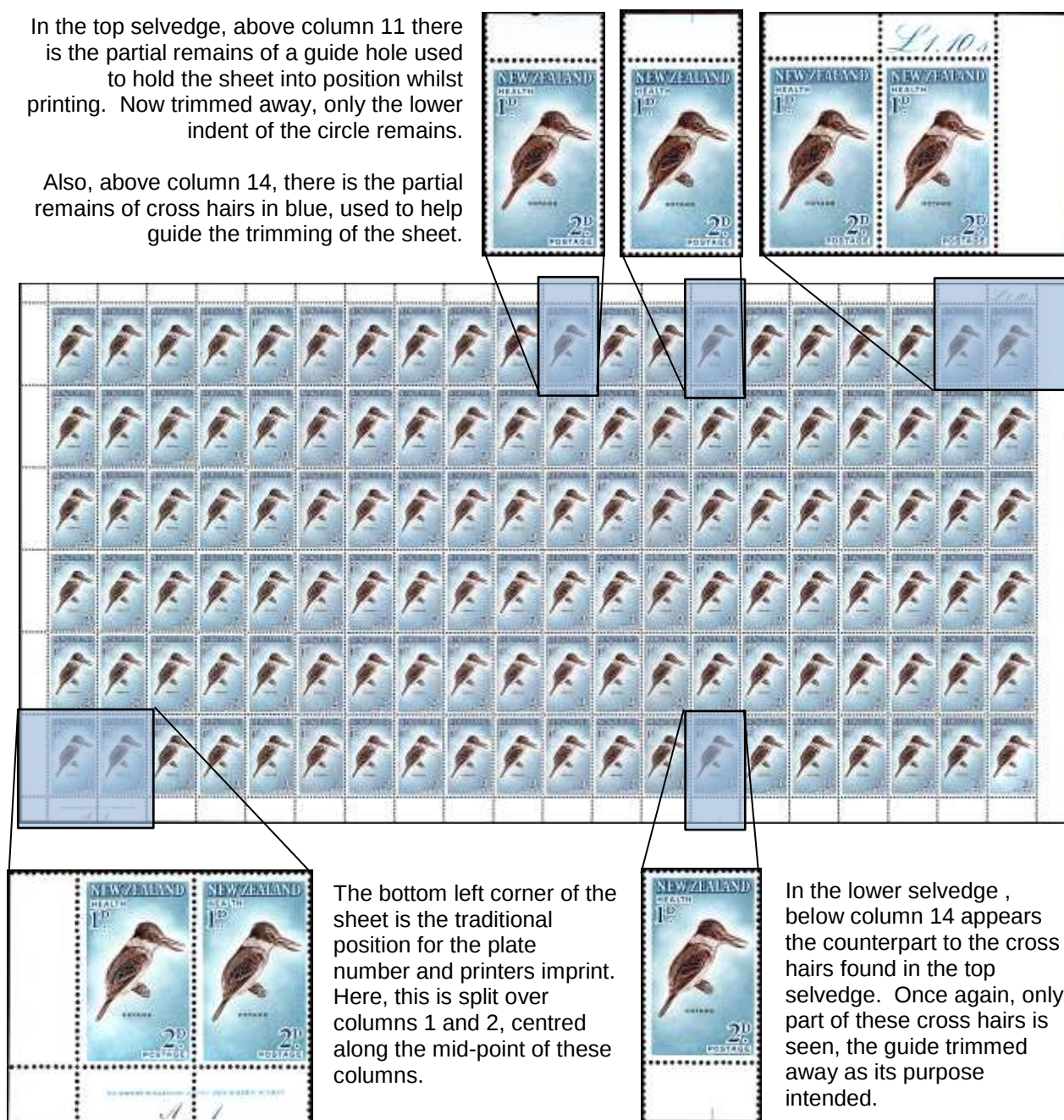
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2d+1d Sheet Layout

The main sheets comprised of 120 stamps in 6 rows of 20 stamps. The printers imprint and plate number A1 appears in the lower selvedge beneath stamps at row 6/1 to 6/2. The sheet value £1.10s (2d+1d) appears in the top selvedge above the stamp at row 1/20.

In the top selvedge, above column 11 there is the partial remains of a guide hole used to hold the sheet into position whilst printing. Now trimmed away, only the lower indent of the circle remains.

Also, above column 14, there is the partial remains of cross hairs in blue, used to help guide the trimming of the sheet.



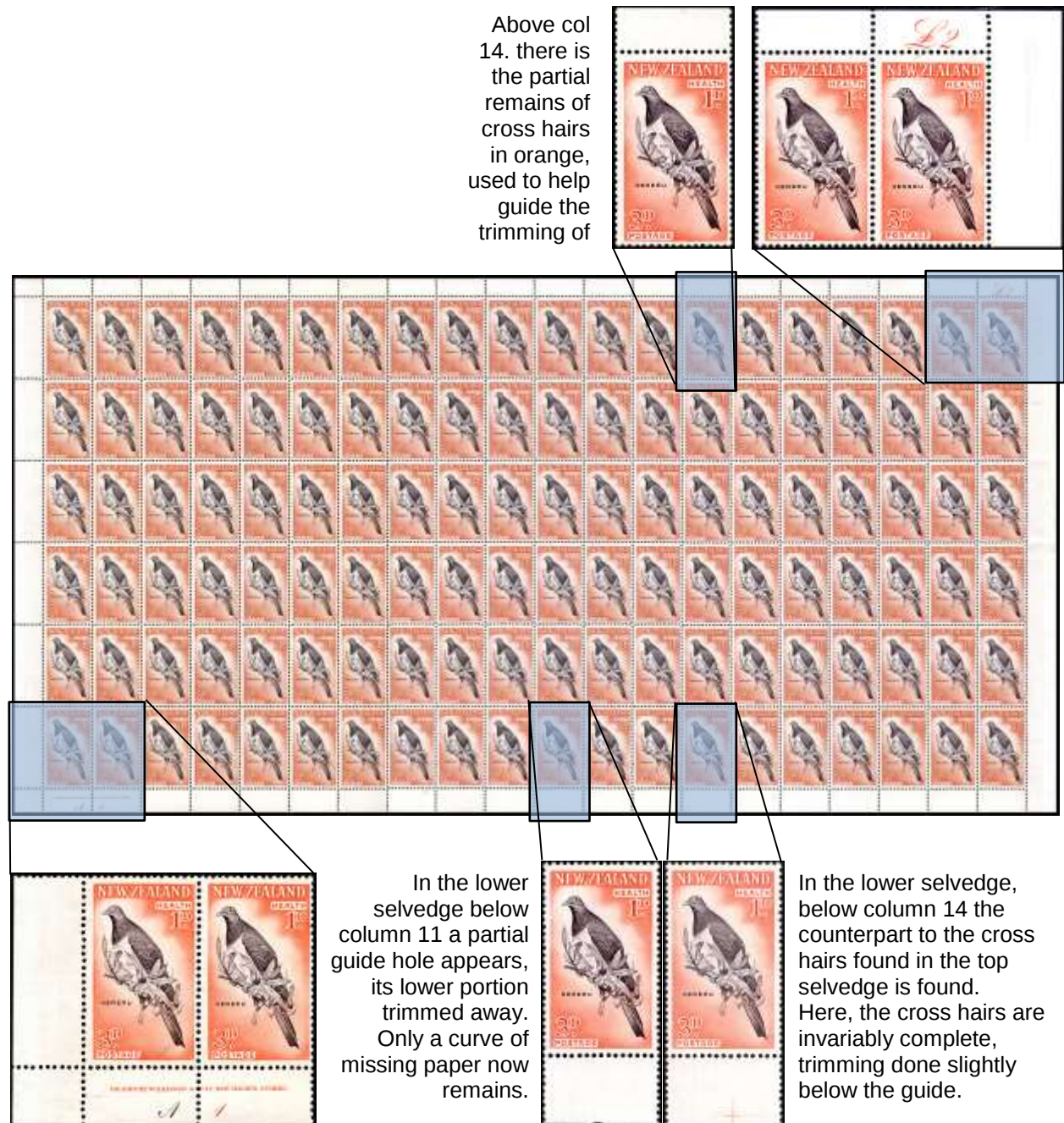
The bottom left corner of the sheet is the traditional position for the plate number and printers imprint. Here, this is split over columns 1 and 2, centred along the mid-point of these columns.

In the lower selvedge, below column 14 appears the counterpart to the cross hairs found in the top selvedge. Once again, only part of these cross hairs is seen, the guide trimmed away as its purpose intended.

Vertical guide lines appear at the edge of the top and bottom selvedges, above and below the 14th column in the colour of the background. These are found as vertical lines only, their lower parts trimmed away. On the 3d+1d denomination its top selvedge is invariably narrow, but wider lower selvedges, show that this vertical line is actually a cross, used to help as a guide to guillotining and trimming the issued sheets.

3d+1d Sheet Layout

The main sheets comprised of 120 stamps in 6 rows of 20 stamps. The printers imprint and plate number A1 appears in the lower selvedge beneath stamps at row 6/1 to 6/2. The sheet value £2 appears in the top selvedge above the stamp at row 1/20.

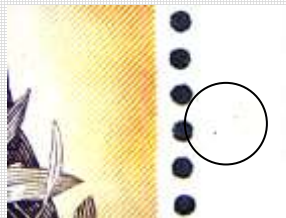


Given that the printing guide holes are found in the top of the 2d+1d sheet and the bottom of the 3d+1d sheet, it may suggest that these two sheets are printed se-tenant, 2d+1d on top, 3d+1d below. Other than the 2d+1d sheet trimmed precisely, and the 3d+1d nearly always trimmed low, there are no other sources of information to confirm this premise.

Guide Dots

Guide dots are seen on both the main sheets and miniature sheets, as fine dots of colour that appear right of the centre of the right edge of the stamp, for each plate (frame and centre). They are synonymous with Bradbury Wilkinson and are used by the printers to help position the roller when laying down the images onto the printing plate, to help centre the colours. Whilst not always successful, the remnants of these 'guide dots' are often seen in the margins of the issued stamps.

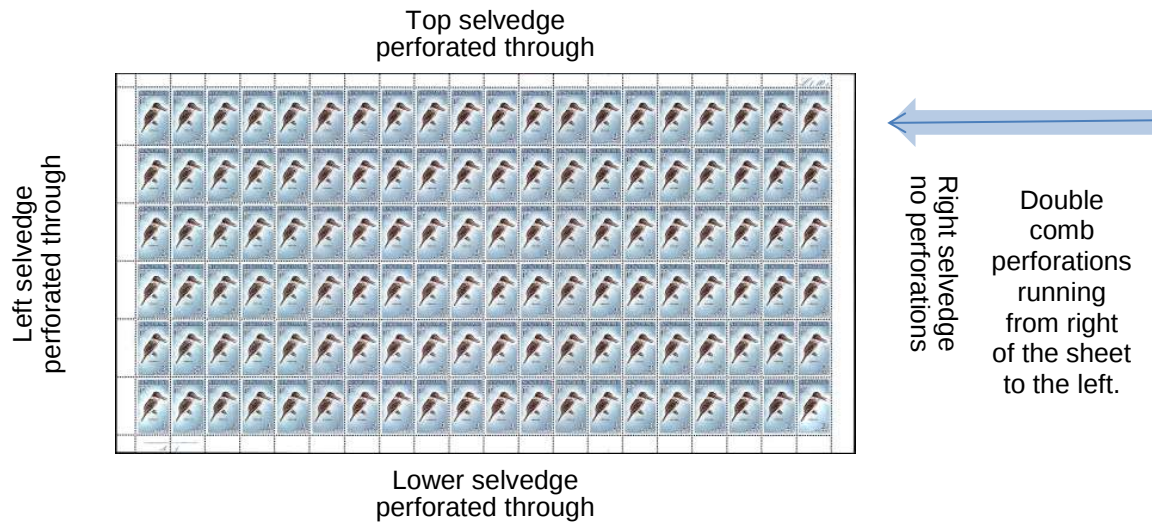
When creating a plate for each colour, the first image laid (say row 1/1) will add the guide dot for the stamp to its right (row 1/2). When laying the last image for row 1/20, the guide dots are superfluous but, as they appear on the roller, will appear in the right selvedge. It is likely that some of these dots will be removed from the plate, but not always (see below). It is useful for the collector to remember that the guide dot for any stamp will appear closer to the stamp on the right than the stamp to which it actually belongs.

 2d+1d R3 Brown guide dot in the right selvedge.	 3d+1d R2/3 Purple guide dot mid sheet (R2/3 on the left), appears closest the stamp on the right (R2/4).	 3d+1d Row 4/20 Purple and orange guide dots in the right selvedge.	
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2d+1d	Brown (Bird)	Blue (Background)
Main Sheets	There is only one guide dot present on the 2d+1d plate and this is found in the right selvedge at the end of row 3. This is a brown spot (colour of the bird), 3mm right of the centre of the right edge of the stamp at row 3/20.	No blue guide spot is found on stamps from the main sheets.
Miniature Sheets	Brown appears 2mm from the right edge of the stamp to the left.	Blue dots appear 3.5mm from the stamp to the left.
3d+1d	Purple (Bird)	Orange (Background)
Main Sheets	The purple guide dot (bird) is seen on all stamps from column 20, in the right selvedge 2.5mm from the middle of the right edge of the stamp. In columns 1 to 19, the purple spot is seen regularly (listed later), and occurs 1.75mm to 2.5mm from the right edge of the stamp depending upon centring of the orange colour. This distance is measured from the edge of the stamp (orange colour) to the purple dot. The variance 1.75 to 2.5mm is due to the placement of the orange colour, that is not uniform across the sheet, with some stamps closer together than others.	Only seen in the right selvedge alongside the stamps at row 4/20 and 5/20. In columns 1 to 19, if orange guide spots are present, they are not seen. If present, the spot will fall into the design of the stamp to the right, hiding it amongst diagonal lines of shading of the same colour.
Miniature Sheets	Purple appears 2mm from the right edge of the stamp to the left.	Blue dots appear 3mm from the stamp to the left.

Details of the guide dots visibility for miniature sheets will be shown later in this research, in the detailed description pages for that miniature sheet.

Main sheet perforations



The diagram above shows the layout of traditional comb perforations, with the double comb machine starting at the right end of the sheet against the right edge of stamps in column 20, so the right selvedge is not perforated through, and continues leftwards to column 1 and past the end of the left selvedge. The perforating head used here also extends beyond the top and bottom selvedges perforating them also. With the head moving horizontally across the sheet, all stamps in any row will have the same perforation characteristics, and will be different from any of the rows above or below.

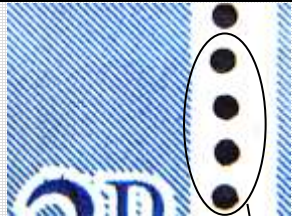
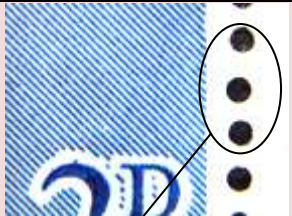
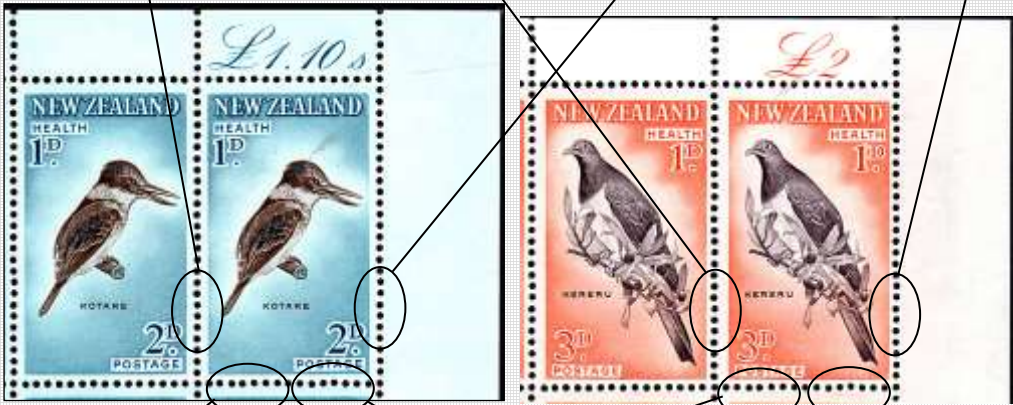
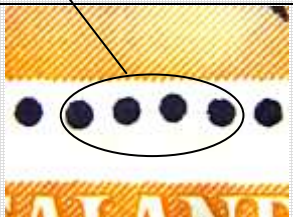
Illustrated below are diagrams that show perforation anomalies, misplaced or biased perf holes, narrow or wide gaps between holes, that will help identify the row from which stamps derive. This will prove useful later in this research. Images of the perforation varieties are shown for both the 2d+1d and 3d+1d sheets so that the collector can match the position of the perf variety against the design of the stamp. Using these images, single stamps or blocks can have their row number identified by means of matching perf varieties.



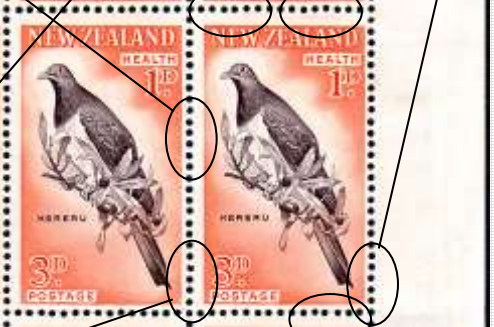
As the perforating head is a double comb, it will perforate two columns of stamps per strike, moving from right to left. The even numbered columns (here, column 20) has the perfs applied all around, whilst the odd numbered columns (here, number 19) has only the three sides perforated, leaving the left vertical perfs to be applied by the next strike of the perforating head as it moves left.

Perforation anomalies can therefore be found affecting the two columns, and will show different characteristics; but those will be repeated in odd and even columns across the sheet.

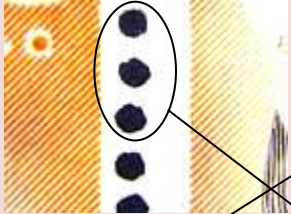
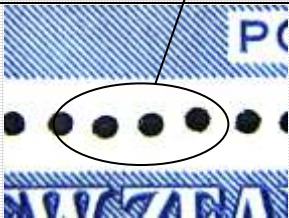
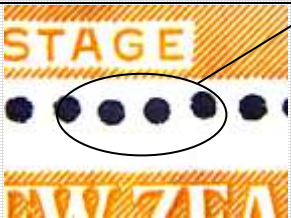
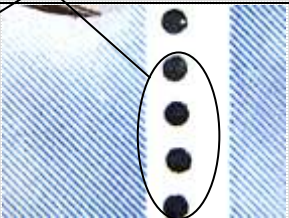
Perforation Varieties Row 1

The 7 th and 8 th perf pin from the bottom right corner of odd numbered columns, are both biased to the right and are out of alignment.		The 8 th perf pin vertically above the bottom right corner of even numbered columns, is slightly biased left and downwards.	
The step change on the 2d stamp appears 2 and 3 holes above the '2 ^d ' on the stamp to the left.; whilst for the stamp in the right it is level with the end of the bird's tail.	On the 3d stamp, the step change appears right of the top of the bird's tail; and left of 'KERERU' on the stamp on the right.	On the 2d stamp, the step change appears top right of the '2 ^d ' in the stamp on the left; and top left of the end of the tail on the stamp on the right.	On the 3d stamp, the step change appears right of the top of the bird's tail on the stamp on the left, and just below 'KERERU' on the stamp on the right.
			
			
			
On the 2d stamp, the 5 th and 6 th perf hole is above the 'EW' of 'NEW' on the stamp below.	On the 3d stamp, the erratic perf holes appear below the 'ST' of 'POSTAGE' on the stamp above; and above the 'EW' of 'NEW' on the stamp below,	On the 2d stamp the upward displaced perf holes are below the 'ST' of 'POSTAGE' on the stamp above; and above the 'A' of 'LAND' on the stamp below.	On the 3d stamp, the upwardly biased holes appear above the 'A' of 'LAND' on the stamp below; and against the background and tail in the stamp above.
The 6 th perf hole horizontally from the bottom left corner of even numbered columns, is biased upwards. The 5 th perf hole is biased to the left so there is a small gap to its left and a large gap to the right.		The 5 th and 6 th perf hole horizontally from the bottom right corner of the stamp from even numbered columns, are both biased upwards, out of line.	

Perforation Varieties Row 2

There is a narrow gap between the 11th and 12th perf hole vertically below the top right corner of the stamp in odd numbered columns. The 12th perf pin is raised slightly.	The 5th perf pin vertically above the bottom right corner is biased towards the right, noticeably out of alignment. This is on the right of all even numbered columns of stamps.
On the 2d stamp, the narrow gap is pointed to by the beak of the bird; and against the background behind the bird on the stamp on the right.	On the 3d stamp, the narrow gap is harder to find. Look to the leaf just in front of the birds chest, the narrow perf gap is to the left of centre of that leaf.
	
	
	
The hole biased to the right is found on the 2d stamp to be level with the middle of the '2D' value of the stamp on the left; and against the background below the bird's tail in the stamp on the right.	Similarly on the 3d denomination, the misplaced perf hole is found between the birds tail on the left, and the middle of the '3D' on the stamp on the right.
The 5th perf hole vertically above the bottom right corner of all odd numbered columns, is biased to the right. This is very similar to that seen against even numbered columns, and really cannot be differentiated from it without reference to other perf varieties.	The 5th perf hole horizontally left from the bottom right corner of the stamp on even numbered columns, is biased left, causing a large gap between it and the 4th perf hole (to its right). The 6th perf hole is biased upwards slightly.

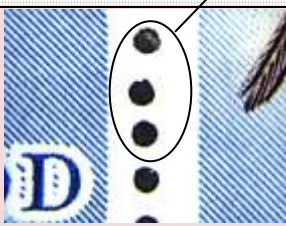
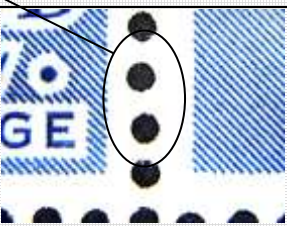
Perforation Varieties Row 3

The 9th perf pin vertically downwards from the top right corner of the stamp in odd numbered columns, is biased slightly to the bottom right. This causes the hole to be out of alignment, and leaves a slightly larger gap to the hole above.		The 5th perf pin horizontally from the top right corner of even numbered columns is biased to the left, causing a wide gap to appear on the right between it and the 4th perf hole. In addition, the 6th perf pin is biased upwards.	
On the 2d stamp this is found 3 holes upwards from the bird's beak on the stamp on the left; and 1 perf hole down from the base of the '1' on the stamp on the right.	On the 3d, the misplaced perf hole is found 1 hole down from the full stop of the value on the stamp on the left; and 1 perf hole upwards from the top of the leaf in front of the bird's chest on the stamp on the right.	On the 2d stamp the misplaced perf holes are found above the 'A' of 'LAND'; and below the 'ST' of 'POSTAGE' on the stamp above.	The 3d denomination has the misplaced perf holes above the 'A' of 'LAND' in the stamp below; but below the background left of the bird's tail on the stamp above.
 		 	
			
 		 	
On the 2d stamp, the displaced perf holes are above the 'W Z' of the country name; and bottom left of the 'P' of 'POSTAGE' on the stamp above.	For the 3d stamp, the lowered perf holes are also above the 'W Z' of the country name on the stamp below; but below 'AGE' of 'POSTAGE' on the stamp above.	On the 2d stamp, the displaced perf is 4 holes down from the end of the bird's beak on the stamp on the left; and against the background on the stamp on the right.	The displaced perfs are left of the middle leaf and stem of the branch left of the bird in the stamp on the right; and against the lower back of the bird on the stamp on the left.
The 7th and 8th perf pins horizontally from the bottom left corner of odd numbered columns, are both biased downwards, causing a dip in the line of perf holes. The 9th perf pin is biased slightly up that exaggerates the effect on the pins to the left.		The 14th perf pin vertically above the bottom right corner of even numbered columns, is biased to the right causing a step change in the line of perfs. The two perfs holes above are also biased slightly right, but brings the line back to normal.	

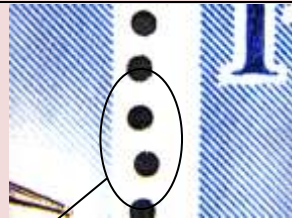
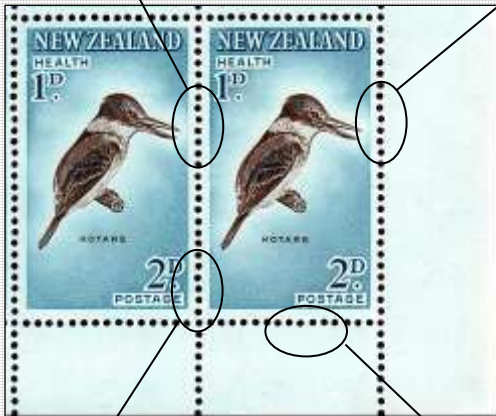
Perforation Varieties Row 4

The 4th and 6th perf pins vertically above the bottom right corner of the stamp on odd numbered columns, are both biased to the left, those holes either side remain in line. The placement makes it appear that the 5th perf hole is biased right. This is similar, but not exactly the same as the variety that affects the even columns.		The 9th and 10th perf holes vertically above the bottom right corner of the stamp on odd numbered columns, are misplaced to the right and to the left respectively. This causes a wobble in the vertical line of perfs. The 10th hole biased to the left is most visible.	
On the 2d stamp, the misplaced perf holes are right of the bullseye full stop of the value '2d' for the stamp on the left; and against the background for the stamp on the right.	On the 3d stamp, the displaced perf holes are against the tail of the bird for the stamp on the left; and against the top and bottom of the '3' of the value for the stamp on the right.	The displaced perf holes appears against the background of the stamp on the left but is level with the perch on which the bird stamps; on the stamp on the right, the misplaced holes are level with the top of the birds tail.	On the 3d stamp, the 10th perf hole is level with the top of the lower curved leaf of the stamp on the left; and just above the level of the word 'KERERU' for the stamp on the right. .
The misplaced perf hole for both the 2d and 3d stamps is at the left end of the lower horizontal line of perforations before it meets the vertical perfs of the next strike of the perforating head and thereby is very easy to locate.		For the 2d stamp, this misplaced perf hole is right of the bullseye full stop of the value for the stamp on the left; and against the background for the stamp on the right.	For the 3d stamp, the misplaced perf hole is right of the end of bird's tail for the stamp on the left; and left of the lower arc of the '3' for the stamp on the right.
The left end hole of the horizontal line of perforations at the bottom of the stamp in odd numbered columns, is biased down and slightly right, leaving a large gap to the next strike of the perf head. There is also a similar downward shift of the last perf hole on the even numbered columns (but there is no large gap to the vertical perfs to the left).		The 4th perf hole vertically upwards from the bottom right corner of the stamp in even numbered columns, is biased to the left. The 3rd perf hole is biased to the right very slightly, emphasising the misplacement above.	

Perforation Varieties Row 5

The 8th perf pin vertically down from the top right corner of the stamp in odd numbered columns, is biased to the left. The 9th perf hole is biased to the right making the step in the vertical perfs look worse than it actually is.	The 11th perf pin vertically down from the top right corner on even numbered columns of the stamp is biased to the left. The 10th and 12th perf holes are biased to the right, making the step change look quite spectacular.
On the 2d stamp, the displacement is level with the top of the bird's head, 3 and 4 perf holes from the end of the beak for the stamp on the left; for the stamp on the right, the misplaced holes are left of the bottom of the '1'. For the 3d stamp, the misplaced perf is right of the foot of the '1' of the Health surcharge for the stamp on the left; and two perf holes below the end of the beak of the bird on the stamp in the right.	On the 2d stamp, the 11th perf hole is right of the end of the top beak of the bird on the left; but against the back of the bird on the stamp on the right. The set of perfs where the displacement is most pronounced left of the top leaf at the front of the bird in the stamp on the right; but against the back of the bird on the stamp on the left.
 	 
	
 	 
For the 2d stamp, the gap in the perfs is seen 2-3 holes top right of the 'D' of '2D' for the stamp in the left; and left of the end of the bird's tail for the stamp on the right. In the 3d stamp, the gap is level with the top of the birds tail for the stamp on the left; and 3-4 perf holes top left of the top of the '3' for the stamp on the right.	For the 2d stamp, the displaced perf hole is right of the bullseye full stop for the stamp on the left; whilst for the stamp on the right it is against the background. In the 3d stamp, the misplaced perf hole is just top right of the end of the bird's tail for the stamp on the left; whilst for the stamp on the right, it is level with the end of the lower arc of the '3'.
The 8th perf hole upward from the bottom right corner of the stamp in odd numbered columns, is biased down and to the left, making a large gap to the 9th perf hole above, that appears to be biased considerably to the right. The gap between perf holes is most visible.	The 4th perf pin vertically upwards from the bottom right corner of the stamp in even numbered columns, is biased to the left, with the perf pins above returning to normal.

Perforation Varieties Row 6

The 10th perf hole vertically down from the top right corner of the stamp in odd numbered columns, is biased to the right. The 9th and 11th perf pins are biased slightly to the left.		The 8th perf hole vertically down from the top right corner of the stamp on even numbered columns, is biased to the right.	
For the 2d stamp, the displaced perf hole is just top right of the end of the bird's top beak for the stamp on the left; whilst for the stamp on the right it is against the background and the back of the bird's neck.	On the 3d stamp, the misplaced perf is 3 holes down from the bottom of the '1' of the Health surcharge for the stamp on the left; whilst for the stamp on the right, it is level with the bird's neck.	For the 2d stamp, this misplaced hole is found 1 hole above the end of the bird's beak for the stamp on the left; whilst it is 2 holes below the bottom of the '1' of the Health surcharge for the stamp on the right.	On the 3d stamp, it is 3 perf holes down from the bullseye full stop of the value for the stamp on the left; whilst for the stamp on the right, it is 4 holes down from the bird's beak.
			
			
			
For the 2d stamp, the misplaced hole is just top right of the bullseye full stop of the stamp value for the stamp on the left; whilst for the stamp on the right it is against the background below the bird's tail.	On the 3d stamps the misplaced perf pin is located 2 holes above the end of the birds tail in the stamp on the left; and for the stamp on the right it is level with the middle arm of the '3'	For the 2d stamp, the misplaced perf hole is seen below the 'PO' of 'POSTAGE'.	For the 3d stamp, the misplaced perf hole is two holes right of the 'E' of 'POSTAGE'.
The 5th perf pin vertically above the bottom right corner of the stamp of odd numbered columns, is biased to the left.		There is a large gap between the 7th and 8th perf pins horizontally from the bottom right corner of even numbered columns, the 8th perf pin is biased to the left and down slightly. This is set against the lower selvedge.	

PLATING THE 1960 HEALTH MAIN SHEETS

Main Sheet Errors and Varieties



Black and white proofs

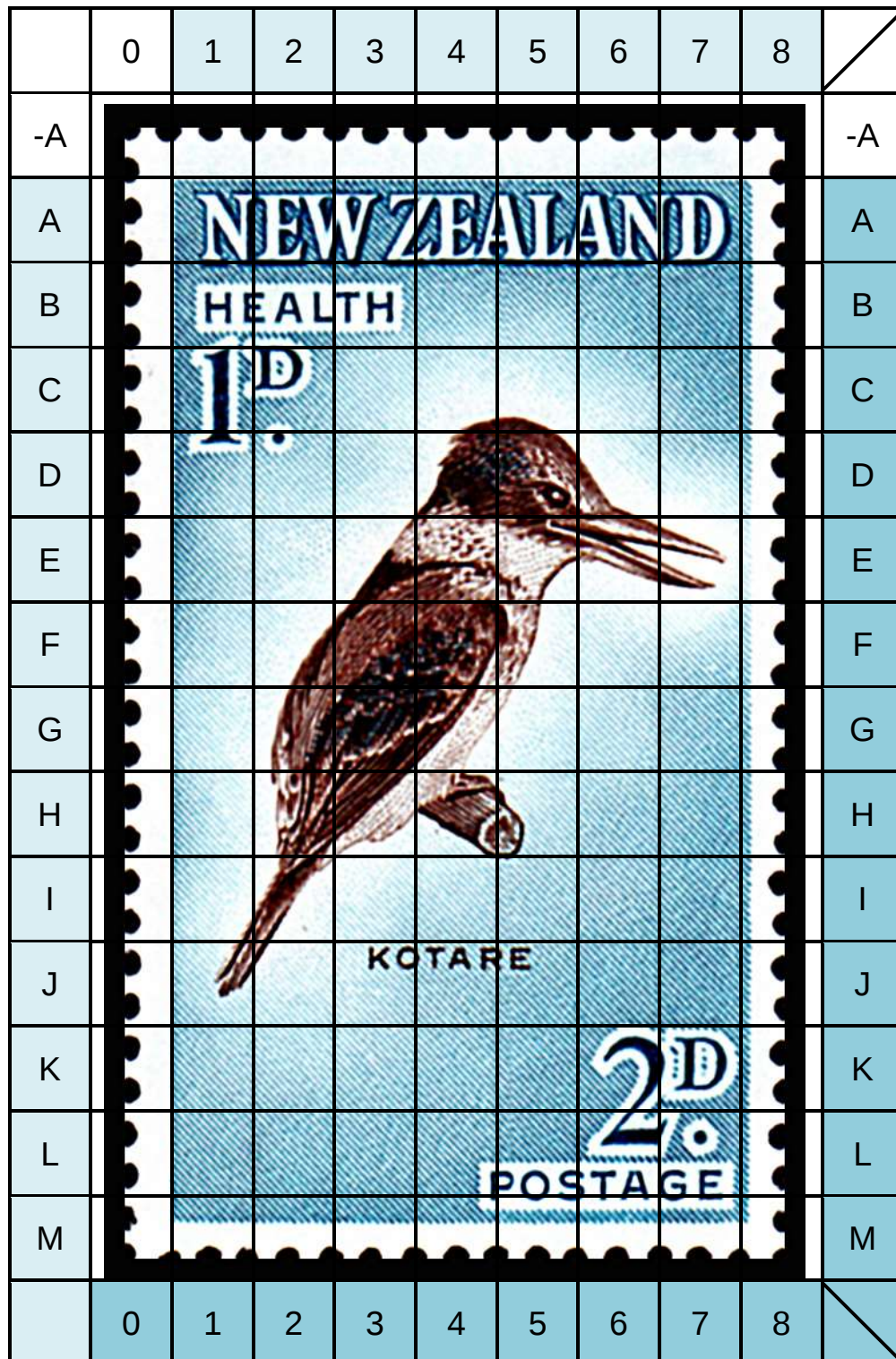


Proof pairs

☐	Proofs pairs	The 1960 birds can be found on imperforate proof pairs on unwatermarked paper from proof sheets of the stamps from the main sheets.	£350	TAH
☐	Black and white proofs	Imperforate plate proofs in grey on glazed paper of the plates used for the centre and frames.	\$900	Cherrystone 2017

Thirkell Positions

The following diagram will help the collector identify the location of those varieties that follow, using the standard Thirkell numbering system. The author has used the labels '0' and '-A' to identify the position of varieties that appear in the left and top margins that lie outside of the normal numbering system.



Aligning the grid position A1 against the outer frame will produce accurate placement for the horizontal lines associated with the frame plate. However, the centring of the colours, or the colour registration, is poor on this issue, and there is good degree of movement seen in the centre plates, resulting in Thirkell positions being less accurate for the position of the brown bird. The diagram can be used for both main and miniature sheet stamps.

Flaws and Varieties

There are few varieties to be found on the main sheet stamps, in either value. Bradbury Wilkinson has done a good job in the production of these stamps that constant varieties are few and hard to identify. There does not appear to be any retouching nor areas where there is doubling of the image that is often seen on other recess printed issues.

The Collector should take note that there are many examples of transient varieties found on both values of this issue that may otherwise appear as genuine constant varieties when viewed in isolation on single stamps. True constant varieties are scarce and tend to be confined to scratches on the printing plates, and those illustrated here derive from a sample of flour complete sheets of each value and many partial sheets, all used to confirm the presence of the illustrated constant variety. The author is reluctant to include descriptions of transient varieties in this work, but understands that to include them would help the Collector recognise them for what they are. These transient varieties appear to take two forms; loose fibres printed upon; and splashes or drags of the background colour. Take care.

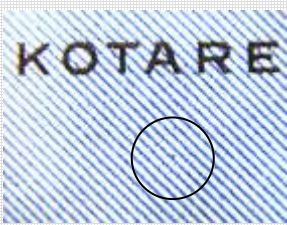
In the text that follows, the varieties are described in tables whose columns have the following meanings:

- Column 1: Circle that the collectors can fill in or tick if this variety is in their collection.
 Column 2: The sheet row and column number for the stamp in which this variety is found.
 Column 3: The colour of the plate to which this variety is associated.
 Column 4: A description of the variety.
 Column 5: A Thirkell grid reference to where the variety is seen on this stamp.
 Column 6: A tick in this column indicates that the variety is illustrated in a thumbnail diagram.
 The whole row is bold if the author considers this variety of merit.

☐	R1/3	Brown	The brown guide dot is seen in the right selvedge, 2mm from the edge of the stamp.	G8	✓
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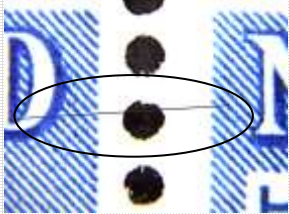
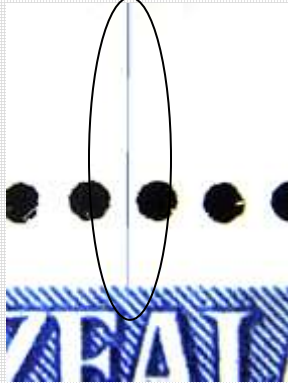
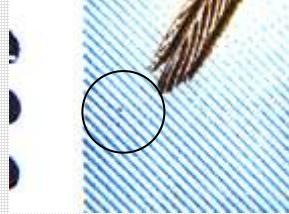
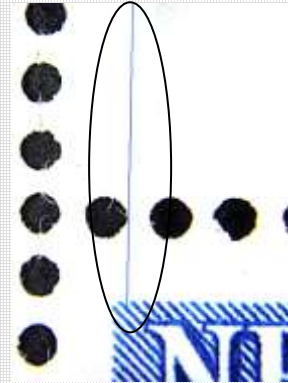
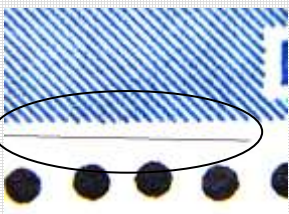
2d+1d Main Sheet Constant Plate Varieties

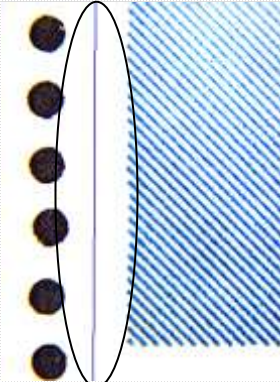
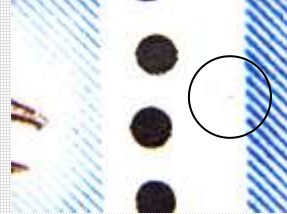
There are few plate varieties that are constant to each stamp. These are trivial but can mislead.

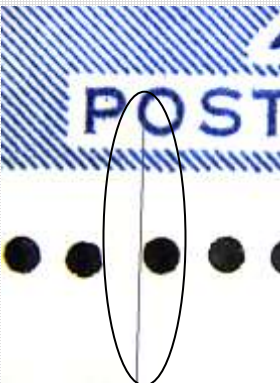
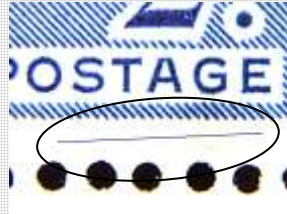
 Blue There is a tiny blue spot 1.5mm below the 'A' of 'KOTARE' amongst the diagonal blue lines, allowing for good centring of the two colours. J4	 Blue There is a thin to a diagonal blue line 3mm below the end of the bird's tail. F7
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2d+1d Plate Varieties

Where scratches are illustrated in the entries below, their magnitude has been enhanced. Their position and length is however retained. In scans using the author's digital microscope, the fineness of the line would not be visible against the background without this enhancement.

 R1/13 to R1/14 A brown scratch appears in the margin between stamps, that links the 'D' of 'LAND' to the 'N' of 'NEW'.	 R1/14 Blue vertical scratch through the top selvedge, just left of the cross-hairs, into the top of the stamp between the 'E' and 'A' of 'ZEAL'.	 R1/15 Tiny brown spot bottom left of the end of the bird's tail amongst the blue lines of shading.	 R1/17 Vertical blue scratch through the top selvedge into the top left corner of the stamp, left of the 'N' of 'NEW'.
 R1/19 Fine brown scratch in the lower margin between stamps, on the left side.	 R2/6 to R2/7 Short diagonal blue scratch in the margin between stamps, left of the base of the '1' on R2/7.	 R3/2 to R3/3 Near horizontal blue scratch through the margin between stamps, level with the foot of the 'D' and 'N'.	 R3/11 A fine vertical blue line joins the top of the 'E' of 'HEALTH' to the diagonal lines in the background above.
 R4/1 Vertical blue scratch through the 'O' of 'POSTAGE'.	 R4/3 Long near horizontal brown scratch in the top margin above the 'EALA' of 'ZEALAND'.	 R4/4 The nose of the serif of the '1' is bulbous. This variety varies from being slightly thick to rounded.	 R4/4 and R5/1 The constant thin to the lines in the background is broken on this stamp forming a white spot.

 R5/17 Start of a fine vertical scratch in the left margin 0.5mm left of the left edge of the stamp. The scratch goes on through the lower margin into the stamp below.	 R6/4 Faint horizontal blue scratch in the lower margin under the 'GE' of 'POSTAGE' into the vertical perfs towards the stamp at row 6/5.	 R6/9 to R6/10 Fine, near horizontal, blue scratch through the margin between stamps, starting at the bottom of the 'E' of 'POSTAGE'.	 R6/12 Tiny blue spot in the left margin, level with the beak in the stamp on the left. This is not a guide dot.
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 R6/16 A fine vertical scratch extends downwards from the left side of the 'O' of 'POSTAGE'. It is most prominent in the lower selvedge.	 R6/17 Continuation of the long blue scratch from R5/17, in the left margin, that continues down close to the left edge of the stamp. Here, the line is much fainter, and towards the bottom of the stamp a second fine blue scratch appears parallel with it. Continues through the bottom selvedge.	 R6/20 Strong horizontal scratch appears in the lower margin below the word 'POSTAGE'. This continues left where it is lost before it reaches the left margin.
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○	R1/13 to R1/14	Brown	A brown scratch appears in the margin between stamps, that links the 'D' of 'LAND' to the 'N' of 'NEW'.	A8 to A1	✓
○	R1/14	Blue	Long blue vertical scratch through the entire top selvedge, just left of the cross-hairs, into the top of the stamp between the 'E' and 'A' of 'ZEAL'.	-A4	✓
○	R1/15	Brown	Tiny brown spot bottom left of the end of the bird's tail amongst the blue lines of shading.	J1	✓
○	R1/17	Blue	Vertical blue scratch through the top selvedge into the top left corner of the stamp, left of the 'N' of 'NEW'.	-A1	✓
○	R1/19	Brown	Fine brown scratch in the lower margin of the stamp, on the left side.	M1-M4	✓
○	R2/6 to R2/7	Blue	Short diagonal blue scratch in the margin between stamps, left of the base of the '1' on R2/7.	D8-D0	✓
○	R3/2 to R3/3	Blue	Near horizontal blue scratch through the margin between stamps, level with the 'D' and 'N'.	A8-A1	✓

○	R3/11	Blue	A fine vertical blue line joins the top of the 'E' of 'HEALTH' to the diagonal lines in the background above.	B1	✓
○	R3	Brown	Brown guide dot in the right selvedge 3mm right of the centre of the right edge of the stamp. This is the only example of a guide dot found on the 2d+1d sheet.	G8+	✓
○	R4/1	Blue	Vertical blue scratch through the 'O' of 'POSTAGE'.	L5	✓
○	R4/3	Brown	Long near horizontal brown scratch in the top margin above the 'EALA' of 'ZEALAND'.	A4-A6	✓
○	R4/4	Blue	The nose of the serif of the '1' is bulbous. This variety varies from being slightly thick to rounded.	C1	✓
○	R4/4 and R5/1	Blue	The constant thin to the lines in the background is broken on this stamp forming a white spot.	F7	✓
○	R6/4	Blue	Faint horizontal blue scratch in the lower margin under the 'GE' of 'POSTAGE' into the vertical perfs towards the stamp at row 6/5.	M7-M8	✓
○	R6/9 to R6/10	Blue	Fine, near horizontal, blue scratch through the margin between stamps, starting at the bottom of the 'E' of 'POSTAGE'.	L8-L0	✓
○	R6/12	Blue	Tiny blue spot in the left margin, level with the beak in the stamp on the left.	E0	✓
○	R6/16	Blue	A fine vertical scratch extends downwards from the left side of the 'O' of 'POSTAGE'. It is most prominent in the lower selvedge.	L5-M5	✓
○	R5/17	Blue	Start of a fine vertical scratch in the left margin 0.5mm left of the left edge of the stamp. The scratch goes on through the lower margin into the stamp below.	K0-M0	✓
○	R6/17	Blue	Continuation of the long blue scratch from R5/17, in the left margin, that continues down close to the left edge of the stamp. Here, the line is much fainter, and towards the bottom of the stamp a second fine blue scratch appears parallel with it. Continues through the bottom selvedge.	A0-M0	✓
○	R6/20	Blue	Strong horizontal scratch appears in the lower margin below the word 'POSTAGE'. This continues left where it is lost before it reaches the left margin.	M1-M8	✓

Guide dots



There is only one guide dot present on the 2d+1d plate and this is found in the right selvedge at the end of row 3. This is a brown spot (colour of the bird), 3mm right of the centre of the right edge of the stamp at row 3/20. No blue guide spot is found on the main sheets at all (but is abundant on the miniature sheets).

Transient 'Brown Fibre' Varieties

When irregular brown scratches or lines appear in the face of the stamps, the collector becomes excited. However, the vast majority of such random brown lines disappoint, as they are transient. It appears that the ink used for this issue is thick and sticky, causing the paper fibres that would be abundant in a printing room, to become attached to it, 'gluing' them to the face of the stamp. Such fibres may be 'scraped off' without defacing the stamp. These 'varieties' are no more than interesting, but they can mislead the collector to classify them as true varieties where they are not. The author is confident that the collector will have further examples of this type of variety above those listed here. The author has never seen this form of transient variety on used stamps, off paper.



R?/4

Transient brown lines left
of the birds' tail

The author has felt it appropriate to identify the likes of this variety, giving a page and a half to illustrate some examples. To omit them will leave the collector questioning whether examples in their collection are true varieties or not. Such as the extreme example in the authors collection that has large clumps of fibres bound together to the surface of the stamp. Lesser examples are the norm.



R1/8

Straight near vertical
scratch upwards from the
back of the bird.
G2



R1/11

Brown fibre into the front
of the bird just above the
legs.
G4



R1/16

Brown fibre running
through the 'K' of
'KOTARE'.
J3



R1/16

Curved brown fibre bent
across the bird's body just
above its legs.
G4-H4



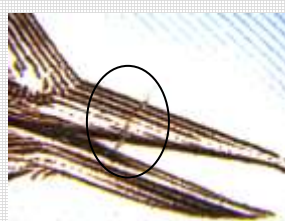
R2/4

Brown coloured fibre
protruding from the base
of the perch, below the
bird's legs.
H4



R2/9

Fibre protruding from the
back of the bird's neck.
D3



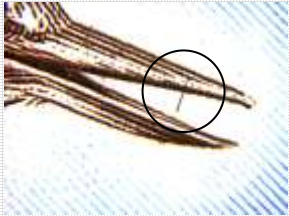
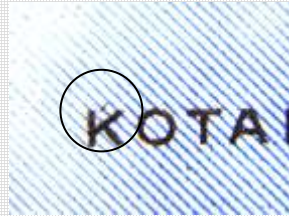
R2/13

Brown fibre diagonally
across the bird's beak.
E6



R3/2

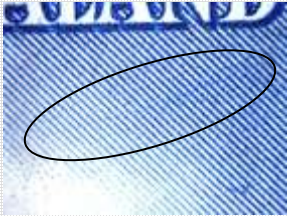
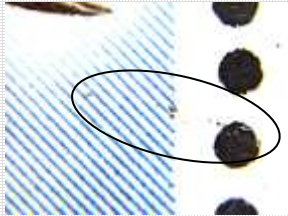
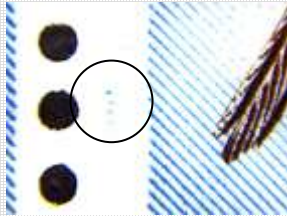
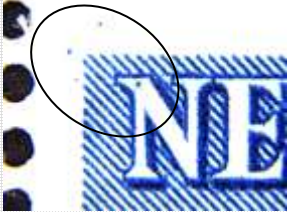
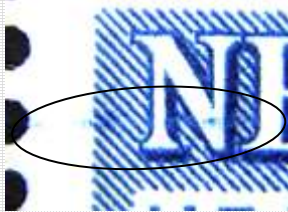
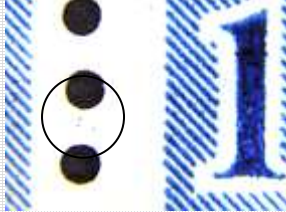
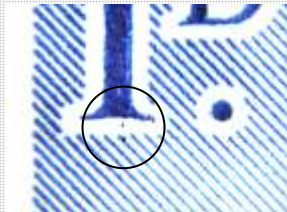
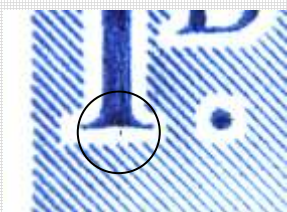
Brown scratch through
'OTA' of 'KOTARE'; and a
second through the 'AR'.
J3-J4

 R3/8 Brown fibre attached to the top beak of the bird, running towards the lower half of the beak. E7	 R3/8 Brown fibre running right of the 'E' of 'KOTARE'. J5	 R3/15 Small brown line amongst the arms of the 'K' of 'KOTARE'. J3	 R4/1 Straight brown line through the body of the '2' of the value. K6-K7
 R5/4 Brown fibre crosses the front of the body of the bird above the legs. G4	 R5/11 Brown fibre from the underside of the perch on which the bird stands. H4	 R6/3 Brown fibre upwards from the top of the bird's head. C4	 R6/18 Brown fibre extends into the right margin at the bottom right corner of the stamp, opposite the foot of the 'E' of 'POSTAGE'. H8

Other Transient Varieties

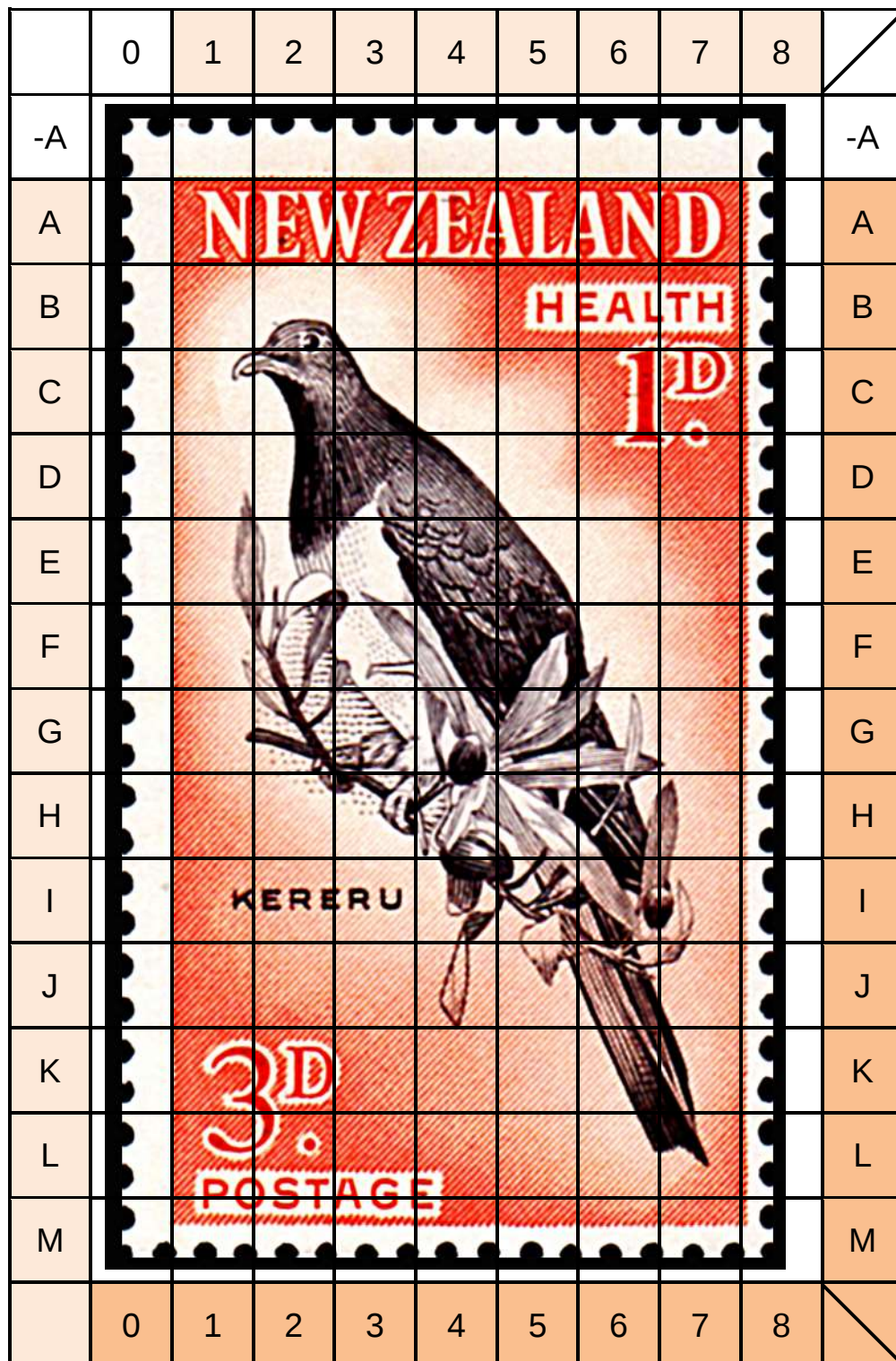
The small selection of varieties shown here illustrates other transient flaws that can be found on stamps in this issue. These vary from small spots of ink, smudges, and scratches all of which are temporary. Some may last a sheet or two before changing, others are unique. What is true is that the varieties here are but curiosities, useful to know about, useful for the collector to recognise the type of transient variety they may come across in their own collection, when true varieties on this stamp are hard to find.

 R2/1 Blue spots in and around the top half of the '2' of the value. K6	 R2/13 There is a smudge to the top of the left arm of the first 'H' of 'HEALTH'. B1	 R2/14 Transient blue spots left of the 'D' of '2D'. K7	 R2/16 The tip of the '1' of the Health surcharge is smudged, also affects the underside of the 'H' above. B C1
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 R2/20 Transient smudge through the diagonal lines of shading in the top right corner, in an arc below 'LAND'. C5-B7	 R2/20 Transient smudge of brown spots below the bird's beak and into the right margin. F7-F8	 R3/8 Transient blue spatter left of the 'D' of '2D'. K7	 R3/17 Line of four blue spots in the left margin, left of the end of the bird's tail. J0
 R4/1 Transient blue spatter in the margin at top right and in the 'N' of 'NEW'. A0-A1	 R4/5 Transient blue smudges from the margin through the 'N' of 'NEW'. A0-A1	 R4/15 Multiple small blue spots in the left margin, left of the '1' of the Health surcharge. D0	 R5/7 Smudge to a line of shading left of the middle of the '1' of the Health surcharge. C1
 R5/11 What appears to be a long smudge affecting the blue background left of the '2' of the value. L3-K5	 R6/1 Blue spots affect the top left corner of the stamp, mainly in the 'E' of 'NEW'. A1-A2	 R6/2 Blue spatter affects the tops of the 'NE' of 'NEW'. A1-A2	 R6/5 Transient tiny blue spot below the '1' of the Health surcharge. D1
 R6/6 The same transient blue spot appears here also, below the '1' of the Health surcharge. D1	 R6/12 Curved smudge across the diagonal lines of shading left of the '2' at the bottom of the stamp. Similar to that seen on R5/11 but curved greater. L1-K5	 R6/14 The 'E' of 'NEW' is extensively smudged on some examples, with blotches of blue building around the edges of the letters. A2	

Thirkell Positions

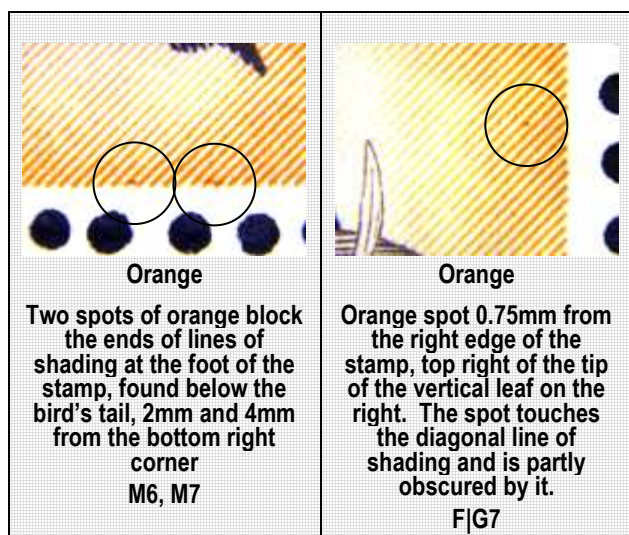
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Aligning the grid position A1 against the outer frame will produce accurate placement for the horizontal lines associated with the frame plate. However, the centring of the colours, or the colour registration, is poor on this issue, and there is good degree of movement seen in the centre plates, resulting in Thirkell positions being less accurate for the purple bird.

3d+1d Main Sheet Constant Plate Varieties

There are few plate varieties that are constant to each stamp. These are trivial but can mislead. Some stamps show these well, others do not and are faint.

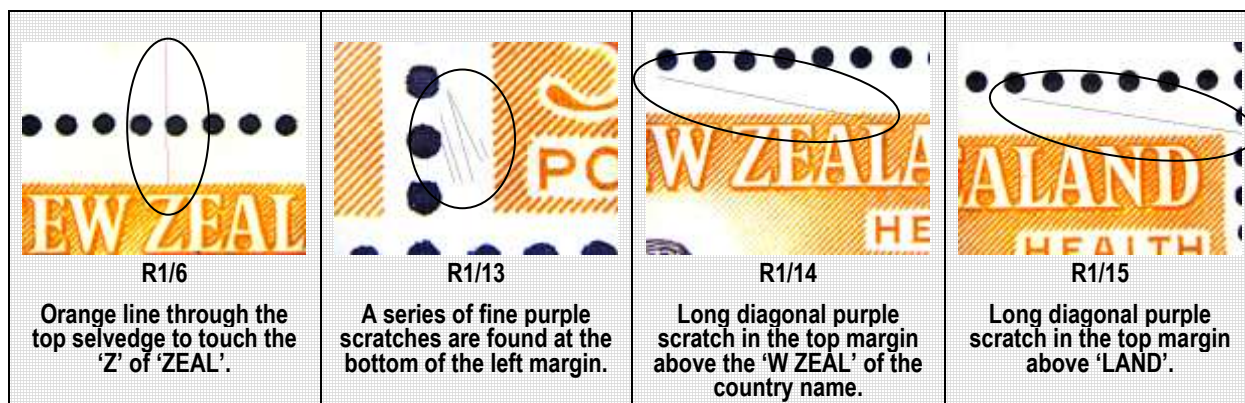


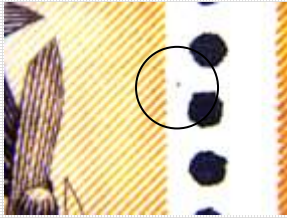
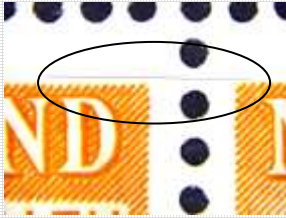
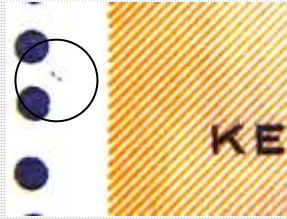
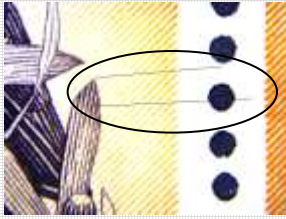
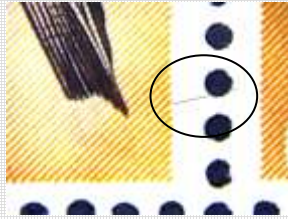
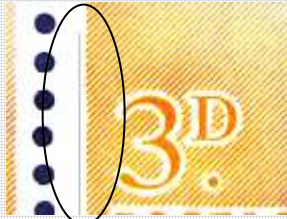
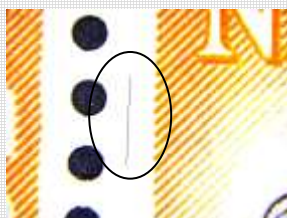
3d+1d Plate Varieties

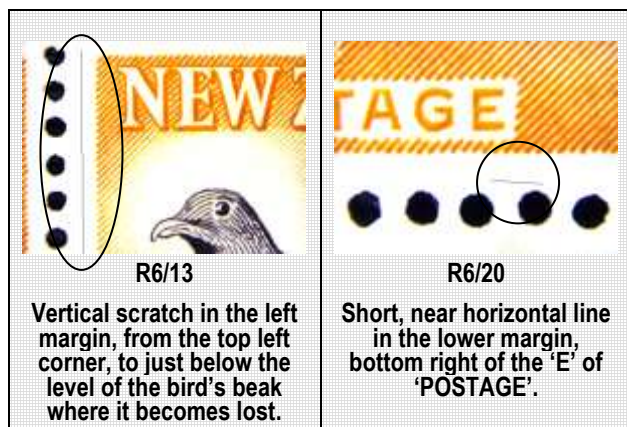
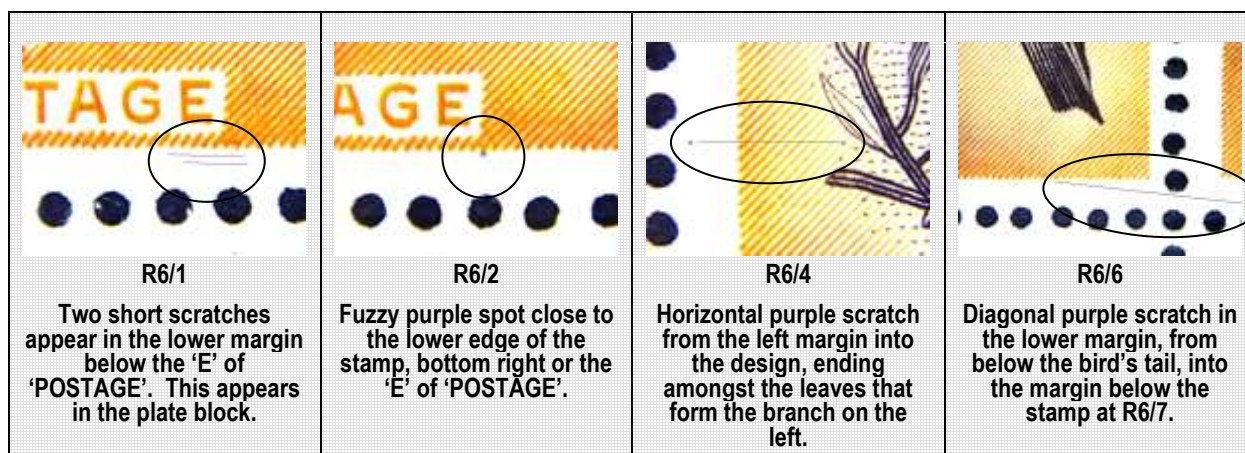
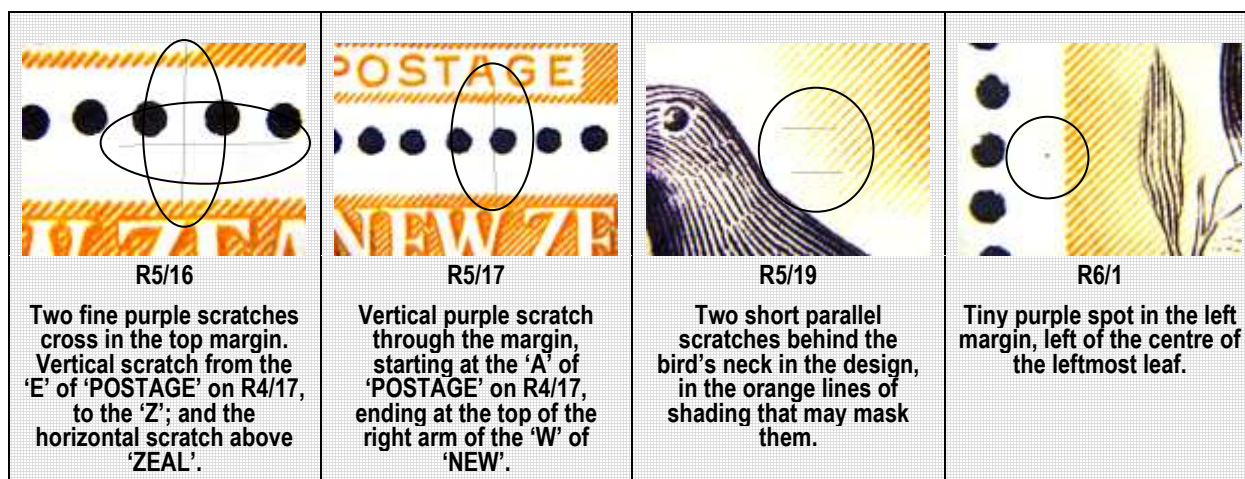
The 3d+1d sheet is affected to a greater extent than the 2d+1d sheet, to the presence of vertical and horizontal scratches seen in the margin between stamps, and in the selvages. Especially so in the lower selvedge of the main sheet, where there are many fine vertical purple lines to be seen. These are scratches on the plate, rather than the effect of a poor doctor blade wiping excess ink from the printing plate. The scratches here are in a constant position and strength. It is perhaps likely that the plate has been 'cleaned', perhaps using wire wool or equivalent, prior to the plate being made, scratching its surface deep enough for it to hold ink.

Whilst the author has documented the scratches that are relatively visible, there will be many lesser lines left undocumented that are of a minor nature.

The same disclaimer applies here as it does to the scratches affecting the 2d+1d stamp. The illustrations here have the scratches emphasised otherwise they would not show boldly enough to be recognised.



 R1/17 Purple spot in the right margin, right of the top of the dark shaded leaf.	 R2/5 Near horizontal purple scratch in the top margin above the 'D' of 'LAND' and through the margin to the stamp R2/6.	 R2/6 Scratch in the top margin above the 'D' of 'LAND' and top right corner of the stamp.	 R2/7 Scratch close to the top edge of the stamp above the 'EAL' of 'ZEAL'.
 R2/8 Two fine purple scratches in the top margin, almost aligned, above 'NEW'.	 R2/17 Short horizontal scratch in the design, right of the 'U' of 'KERERU' and to the body of the bird.	 R2/18 Tiny purple spot right of the back of the bird, only noticeable as the background lines are faint.	 R2/18 Two close purple spots in the left margin, top left of 'KERERU', but close to the vertical perforations.
 R3/11 Very fine, short curved line below the bird's claw on the left amongst the lines of shading.	 R3/12 Two long near horizontal scratches in the design, right of the tip of the pointed leaf on the right.	 R3/13 Short diagonal line in the right margin, level with the tip of the bird's tail.	 R3/15 Long, near vertical scratch in the left margin close to the edge of the stamp finishing at the foot of the stamp.
 R4/7 Tiny purple spot amongst the orange lines of shading, 2mm below the 'E' of 'ZEAL'.	 R4/17 Fine vertical scratch at the top of the left margin, from the 'N' of 'NEW' to level with the bird's beak where the line forks.	 R4/17 Long diagonal scratch starting at the bird's tail of the stamp at row 4/17, through the margin, and through the 'D' of 'LAND' on R5/17.	 R4/18 Fine vertical line in the left margin, down from the 'N' of 'NEW'.

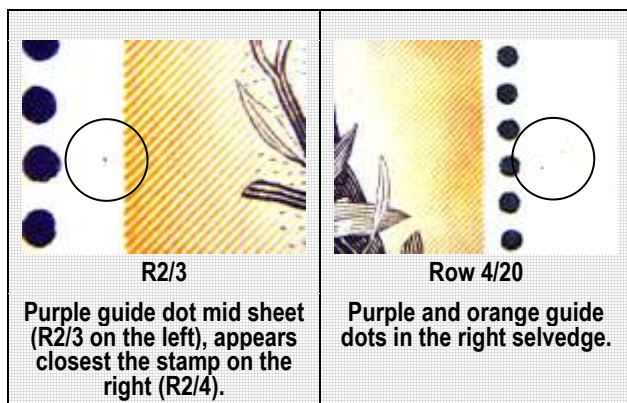


○	R1/6	Orange	Vertical orange scratch through the top selvage, touching the stamp at the top of the 'Z' of 'ZEAL'. This is very faint.	-A3	✓
○	R1/13	Purple	Series of four 2mm to 2.5mm diagonal purple scratches appear on the foot of the left margin of this stamp, left of the 'P' of 'POSTAGE'. Some are faint.	L0-M0	✓
○	R1/14	Purple	Long diagonal purple scratch in the top margin, starting high above the 'W' of 'NEW', finishing at the top of the 'L' inside the stamp design. The line is very fine and good light is needed to see it.	-A2 to -A5	✓
○	R1/15	Purple	Further long diagonal scratch in the top margin above the right side of the stamp. From high above the 'L' of 'LAND' to the top right corner of this stamp and then through the margin to touch the top left corner of the stamp at row 1/16.	-A5 to -A8	✓
○	R1/17	Purple	Purple spot in the right margin of the stamp, right of the dark shaded leaf on the right.	H8	✓

○	R2/5	Purple	Fine, thin, near horizontal purple scratch in the top margin, starting over the 'D' of 'LAND', travelling through the margin towards, but short of, the top left corner of the stamp at row 2/6. At the top right corner of row 2/5 the line splits into two almost parallel lines, close to the top edge of the stamp.	-A7 to -A8	✓
○	R2/6	Purple	Fine horizontal purple scratch in the top margin above the 'ND' of 'LAND'. This may be cut off by the perforations on some examples.	-A6 to -A7	✓
○	R2/7	Purple	Fine horizontal purple scratch in the top margin, above the 'EAL' of 'ZEAL'. This is very faint. There is a second scratch, above the 'ND' of 'LAND', higher up in the margin, and may be cut off by the perforations.	-A4 to -A5 -A6 to -A7	✓
○	R2/8	Purple	There are two fine purple scratches in the top margin. The first is in the top left corner above the 'N' of 'NEW'; the longer second scratch is above the 'NEW' not parallel to the first. Both may be cut into by the horizontal perfs that are close above.	-A1, -A1 to -A3	✓
○	R2/17	Purple	Short 0.5mm horizontal purple scratch right of the top of the 'U' of 'KERERU'.	I3-I4	✓
○	R2/18	Purple	Two purple spots forming a diagonal line in the left margin, left of the word 'KERERU'. This short line is prominent if not cut off by the perforations.	I0	✓
○	R2/18	Purple	Purple spot just right of the bird's back, 2mm above the point of the top leaf on the left.	E5	✓
○	R3/11	Purple	Faint purple scratch in the background, 1mm below the bird's claw on the left.	H2 3	✓
○	R3/12	Purple	Two long thin purple scratches on the right side of the stamp, both running right from the top of the dark shaded leaf on the right of the bird, at the top of its tail. The upper scratch starts at the top of the leaf and runs diagonally upward into the right margin. The lower scratch starts 0.5mm below the first and runs almost horizontally into the stamp on the right.	H7-H8	✓
○	R3/13	Purple	2mm near horizontal scratch at the lower end of the right margin, level with the end of the birds tail. Only affects the margin.	L8	✓
○	R3/15	Purple	Long vertical scratch in the left margin, faint, close to the left edge of the stamp, starting from a point top left of the '3', running downwards to the foot of the stamp.	J0-M0	✓
○	R4/7	Purple	Tiny purple spot in the background at the top, 2mm below the 'E' of 'ZEAL', amongst the orange lines of shading. Faint on some examples.	B4	✓
○	R4/17	Purple	Long, fine vertical line from the centre of the lower edge of the bird's tail, through the margin into the stamp at row 5/17 to reach the 'T' of 'HEALTH'.	L7 to B7	✓
○	R4/17	Purple	Long vertical scratch in the left margin of the stamp from alongside the middle of the 'N' of 'NEW', to a point level with the end of the bird's beak. For the last 1mm the scratch splits into two lines that fork apart.	A0-C0	✓
○	R4/18	Purple	Short vertical purple scratch close to the top of the left margin, bottom left of the 'N' of 'NEW', faint, and close to the perforations that may well cut through the line.	B0	✓
○	R5/16	Purple	Fine purple vertical line running from the base of the 'E' of 'POSTAGE' on the stamp at row 4/16, through the lower margin of that stamp, to the top of the 'Z' of 'ZEAL' on row 5/16. Much more visible that the horizontal scratch on this stamp, but still difficulty to see even with magnification.	-A3	✓
○	R5/17	Purple	Fine vertical line running from the right leaf of the 'A' of 'POSTAGE' on the stamp at row 4/17, through the right arm of the 'W' of 'NEW' on this stamp to become lost at the top of the bird's head.	-A2 to B2	✓
○	R5/19	Purple	Two short purple horizontal scratches run parallel, 1.5mm apart, right of the bird's head, both only 1mm in length.	A0, B3-C3	✓
○	R6/1	Purple	Tiny purple spot in the left margin, left of the centre of the upright leaf in front of the bird.	E0	✓
○	R6/1	Purple	Two short purple lines in the lower margin, below the 'E' of 'POSTAGE'. Poor centring of the colours may leave these lines hidden in the diagonal shading.	M3-M4	✓
○	R6/2	Purple	There is a fuzzy purple spot close to the lower edge of the stamp, bottom right of the 'E' of 'POSTAGE'. Take care here as the centring of the colours is not constant and the spot may shift from that shown above.	M4	✓

○	R6/4	Purple	Thin purple horizontal line, level with the guide spot in the left margin, running into the stamp for about 4mm, to become lost in the design.	G1-G2	✓
○	R6/6	Purple	6mm long purple scratches run diagonally in the lower margin, starting below the bird's tail, travelling through the margin into the stamp at row 6/7, where it finishes low, below the bottom left corner.	M6-M8	✓
○	R6/13	Purple	There is a vertical purple scratch in the left margin of this stamp. It starts alongside the 'N' o 'NEW' and is lost just after it reaches the bird's beak.	A0 to C0	✓
○	R6/20	Purple	Broken, curved horizontal scratch in the lower margin below the 'E' of 'POSTAGE', extending a short way to the right, close to the lower perforations.	M4	✓

Guide dots



There are many instances where a guide spot can be found on the 3d+1d main sheet, both in the right selvage and in the other columns mid sheet. The orange guide dot is seen only for stamps in the last column, if present elsewhere, it will lie within the printed area of the stamp to the right and therefore will be lost. Thus, for stamps from columns 1 to 19 only the purple spot can be seen.

Purple guide dot 2.5mm right of the edge of the stamp; the orange spot is top right of the purple spot 3mm from the edge.

What follows is a list of stamps where guide dots can be found.

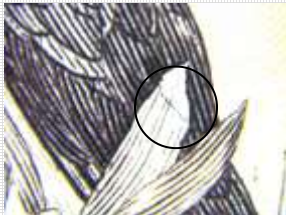
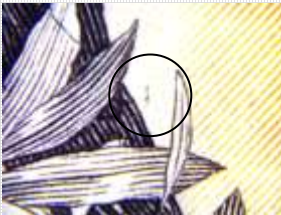
○	R1/3	Purple	Faint guide dot in the right margin.
○	R1/5	Purple	Prominent.
○	R1/6	Purple	Faint.
○	R1/13	Purple	Prominent.
○	R1/15	Purple	Very faint.
○	R1/20	Purple	Prominent.
○	R2/3	Purple	Prominent.
○	R2/5	Purple	Prominent.
○	R2/13	Purple	Prominent.
○	R2/15	Purple	Faint.
○	R2/20	Purple	Prominent.
○	R3/2	Purple	Faint.
○	R3/3	Purple	Regular.
○	R3/4	Purple	Regular.
○	R3/5	Purple	Prominent.
○	R3/11	Purple	Faint.
○	R3/19	Purple	Regular.
○	R3/20	Purple	Prominent.
○	R4/2	Purple	Regular.
○	R4/3	Purple	Prominent.
○	R4/4	Purple	Faint.
○	R5/2	Purple	Regular.
○	R5/3	Purple	Prominent.
○	R5/4	Purple	Very faint.
○	R5/5	Purple	Regular.
○	R5/7	Purple	Faint.
○	R5/9	Purple	Faint.
○	R5/10	Purple	Regular.
○	R5/11	Purple	Very faint.
○	R5/12	Purple	Very faint.
○	R5/13	Purple	Very faint.
○	R5/14	Purple	Very faint.
○	R5/20	Both	Purple is prominent; orange spot is faint.
○	R6/2	Purple	Faint.
○	R6/3	Purple	Prominent.
○	R6/4	Purple	Regular, but spot elongated.
○	R6/5	Purple	Faint.
○	R6/6	Purple	Faint.
○	R6/9	Purple	Faint.
○	R6/10	Purple	Regular.
○	R6/11	Purple	Prominent.
○	R6/20	Both	Purple is prominent; orange spot is faint.

○	R4/5	Purple	Prominent.
○	R4/11	Purple	Very faint.
○	R4/13	Purple	Prominent.
○	R4/14	Purple	Faint.
○	R4/15	Purple	Faint.
○	R4/20	Both	Both purple and orange are prominent.

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Transient 'Purple Fibre' Varieties

Brown fibres that stick to the ink of the 2d+1d denomination are plentiful but are only interesting at best, adding nothing to a plating exercise, other than to warn collectors not to think they are constant varieties and to recognise and ignore them. The 3d+1d stamp has similar 'problems' with fibres, but are not so plentiful. Being purple in colour, the collector needs to differentiate them from the short purple scratches.

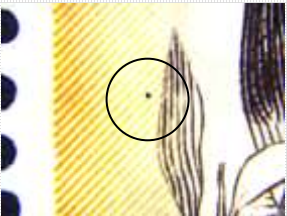
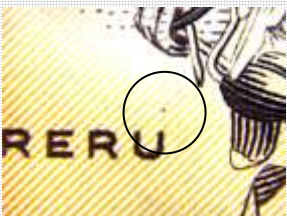
 R1/13 Purple fibre above the 'TA' of 'POSTAGE'. L2-L3	 R2/10 Purple fibres attach to the '1' and 'D' of the health surcharge. C6, C7	 R2/13 Curved purple fibre through the right arm of the 'N' of 'NEW'. A1	 R2/14 Purple fibre from the back of the bird, amongst leaves above the tail. H6
 R2/15 Multiple purple fibres attach to the '3D' of the value and background at top left. K1-K2	 R3/5 Long fibre through the 'O' of 'POSTAGE' to the 'S'. L M 1 2	 R3/12 Short fibres at the foot of the 'NE' of 'NEW'. A1-A2	 R4/5 Diagonal fibre as a line above the 'TA' of 'POSTAGE'. L2 3
 R4/9 Short fibre protruding down from the left end of the tail of the bird. L6	 R4/11 Fibre appearing like a scratch through the top of the leaf against the bird's body. F5	 R4/11 Further fibre from the back of the bird, between leaves. G6	 R4/19 Short vertical fibre on top of the seedcase right of the 'U' of 'KERERU'. H5

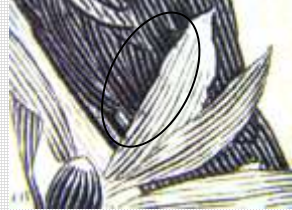
			
R5/5 Curved orange line through the 'E' of 'POSTAGE', under magnification this is a fibre, proud of the surface. LJM4	R5/12 Short purple fibre through the top arc of the '3' with purple spots below. K2, L2	R5/20 Purple fibre through the foot of the '1' of the health surcharge. CJD6	R6/9 Short curved fibre in the 'A' of 'HEALTH'. B6

Other Transient Varieties

This section is included to show the type of transient variety that occurs on stamps from this issue. Given that there are so few constant varieties, there is a compulsion for the collector to identify something different between stamps, and there is a tendency for transient varieties to be identified as 'something new'.

All of the following are transient varieties.

			
R1/10 Purple blob on the middle shaded leaf against the bird's tail. G6	R2/1 Two orange spots against the right edge of the lower arc of the '3' of the value. L2	R2/1 The foot of the '3' on other examples from row 2/1 has an extraneous bulge. L1	R2/1 Purple spot left of the leftmost leaf. E1
			
R2/1 Two almost parallel lines appear at the back of the lower arc of the '3'. KJL2	R2/5 Fine purple fibre crosses the 'OST' of 'POSTAGE' and smudges affect the lower arc of the '3'. KJL2; LJM2	R2/6 Tiny purple spot 0.5mm above the right arm of the 'U' of 'KERERU'. I3	R2/9 Top right arm of the last 'H' of 'HEALTH' is smudged upwards. B7

			
R2/11 Smudge of orange at the top of the 'D' of 'LAND' into the top margin. A7	R3/1 Tiny purple spot between the upper arms of the 'U' of 'KERERU'. I3	R3/6 The left edge of the top leaf against the body of the bird has small intrusions, as though lines of shading are extended. F5-G5	R3/9 Orange blob at the end of a line of shading at the centre of the '1' of the health surcharge. C6

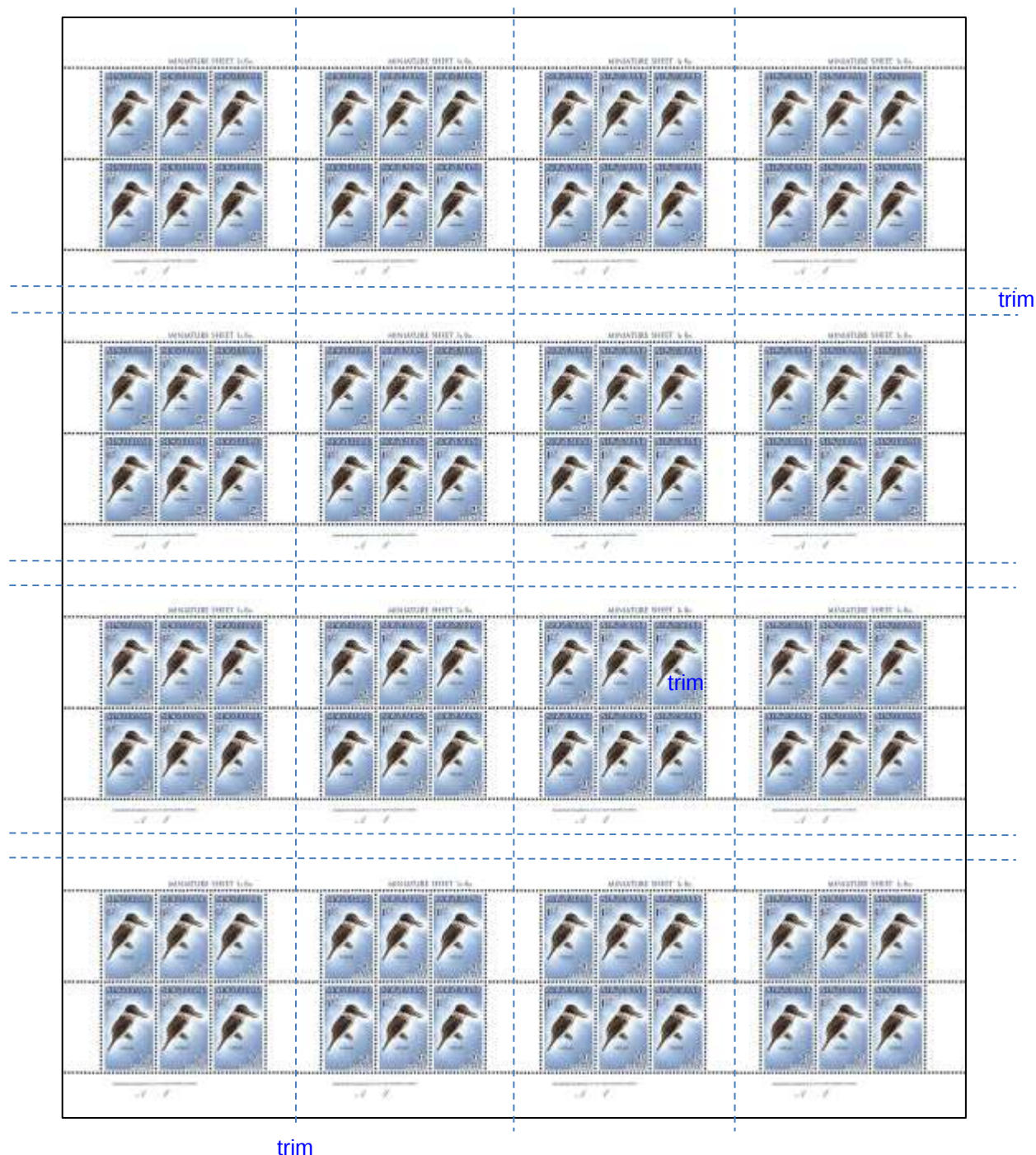
			
R3/11 Diagonal 3mm long smudge of the orange background, above the 'G' of 'POSTAGE'. K3-L3	R3/14 The letters of 'KERERU' are all smudged diagonally top left, but does not affect the bird. I1-I3	R3/17 Multiple orange spots appear around the 'E' of 'HEALTH'. B6	R4/8 Smudge of orange at the rear of the lower arc of the '3'. L2

			
R4/13 Tiny orange spot at the foot of the 'T' of 'POSTAGE'. M2	R5/5 Purple bulge from the back of the bird. E5	R6/5 Dark spots appear on the back edge of the '1' of the health surcharge. C6	R6/13 Orange spot between the 'H' and 'E' of 'HEALTH'. B5


R6/15 Arc of orange from the top of the 'Z' into the top margin. -A3 to A3

PLATING THE 1960 HEALTH MINIATURE SHEETS

Master sheets of miniature sheets were prepared as in previous years, one plate for each value and may appear as shown in the mock-up below, ready for separating and trimming. Research already undertaken by Campbell Paterson when the issue was current has concluded that there are 16 miniature sheets per denomination, arranged in master sheets of 4 rows of 4 miniature sheets.



This research attempts to update this information and provide the collector with a mechanism to differentiate between the 16 different miniature sheets for each value, and plate them to their correct position within the master sheet. The bulk of the text that follows illustrates differentiating marks for each miniature sheet, by showing the miniature sheet at the centre of the page and displaying the identified varieties around it by way of small thumbnail pictures and description of the variety. Given the difficulty the collector will have in identifying and finding the small differences, the description of each miniature sheet is augmented by an examination of the top and lower selvages, and the 'A1' plate numbers, as will be explained.

The miniature sheets were cut from larger master sheets, guillotined and trimmed before issue. Existing published research has proven that the master sheet comprised of 16 smaller miniature sheets arranged in four rows of four sheets. In this research, each of the miniature sheets is given a number MS1 through MS16, as a 'label' only.

This is one of the few occasions where each miniature sheet can be assigned to its correct position on the master sheet. We are indebted to Campbell Paterson and Mr D.G. Naish of



Wellington for that, who has given us a tantalising view of an original proof master sheet, and provided snippets of information for us to compare issued miniature sheets that exist all these years later. These 'snippets' are included in the description of each miniature sheet that appears later, and we are grateful to Campbell Paterson's Newsletters of 1960 for this.



The position of the six stamps on the miniature sheet as used here are referenced via the normal row/column format.

As can be seen, each miniature sheet contained selvedge markings, 'MINIATURE SHEET 1s. 6d.' and 'MINIATURE SHEET 2s. 0d.' in the top selvedge for the 2d+1d and 3d+1d respectively, aligned centrally above the stamps at R1/2-R1/3; and both had the printer imprint 'BRADBURY, WILKINSON & CO. L^D, NEW MALDEN, SURREY' in the colour of the background, in the lower selvedge aligned centrally below the stamps at R2/1-R2/2. The plate number 'A1' found below the centre of the imprint thus straggling the margin below R2/1-R2/2, 'A' for the colour of the bird and '1' for the colour of the background.

What is extremely useful, as we will see, is that the plate number 'A1' was added by hand to each miniature sheets individually. Whether by some oversight they were omitted during the making of the master sheet of miniature sheets, or done by design, this hand-engraved plate number will prove extremely useful, and is a means to differentiate between each individual miniature sheet.

As said earlier, collectors have a debt of gratitude to pay to Mr Naish and Campbell Paterson Ltd, who have provided us with a description of what differentiates one miniature sheet from another and thereby gives us the position of each miniature sheet on the master sheet, through an examination of the proof master sheet done at the time when the issue was current. So now we have a trusted plating guide that research from other years Health stamps often lack.

However, it does take some imagination to match the Campbell Paterson and Mr Naish descriptions to what is evident on the stamps themselves and it is still worthwhile for the collector to separate examples they have into four groups by perforation 'type'. This is no disrespect to the earlier work, but a brief description does not suffice in lieu of a picture, where many miniature sheets show very similar characteristic, and those differences are slight.

As said earlier, it is not possible to plate either the main sheet stamps or those from miniature sheets individually. The work of Bradbury, Wilkinson and the recess printing method, are too good a quality to identify variances. In many cases there are no differences to be had.

The collector must use other means to plate miniature sheets and it is with luck that there are variances found mainly in the top and lower selvedges that will help. It is seen that the plate number 'A1' is present on each miniature sheet and is 'drawn' by hand directly onto the printing plate. It has been said that it is possible for a handwriting expert to differentiate between all 32 miniature sheets across the issue. Whilst this may be a grand statement, indeed many decisions on master sheet positions are based upon characteristics of this plate number alone. But the collector must also rely upon the hair-like horizontal and vertical scratches that appear on all miniature sheets in some form.

These scratches are very fine to almost invisible and the collector must use a good quality magnifying glass in good sunlight to see them. This research attempts to illustrate both these variances seen in the

plate number and position of the fine scratches. For the latter, the author has used license by artificially emphasising these scratches so that they become visible in this document and when printed. Other than the boldness of the scratches, their position and length will not be compromised.

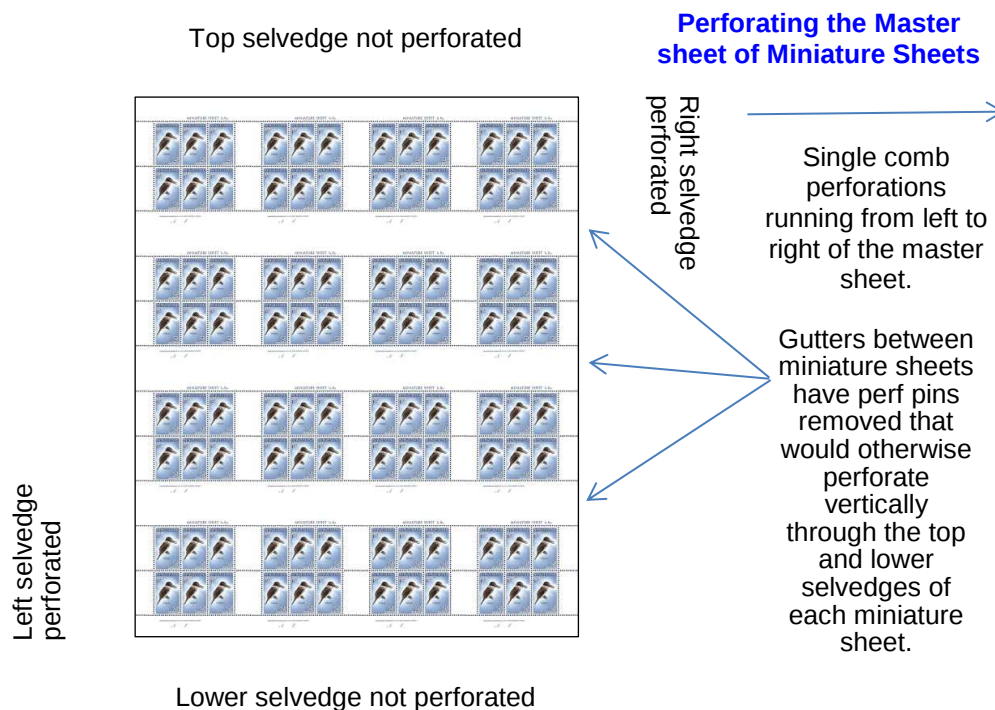
The author has concentrated on these characteristics in this plating research and not taken up room by illustrating the stamps that have proven unsuitable for plating.

Miniature sheet perforations

It would be safe to assume that the single comb perforating machine used on these miniature sheets has been constructed, or an existing head altered, specifically to fit these miniature sheets in order to retain the top and lower selvages without vertical perforations. It is not stated in the direction of operation, but given that there are examples with wide/narrow gaps between the vertical perfs and the horizontal perfs of stamps to the left of it, that the head moved from left to right.

The task here is to identify the position of a small number of bent perf pins and those out of alignment so that the row from which any individual miniature sheet can be determined, without even looking at the flaws in the design of the stamp itself. This is important, because it will reduce the amount of work needed to select from 4 potential miniature sheets rather than 16. Knowing which row any miniature sheet comes from, will lessen that tedious work with that magnifying glass.

An examination of the perforations in more details follows.



The unprinted area of paper that runs vertically is equal to one stamp in width. This is proven easily by placing two miniature sheets together joining their vertical edges, and measuring the gap. In this way, the operation of the perforating machine is consistent with perforating a single stamp in the step and repeat process along the width of the sheet, prior to the sheets being separated.

The horizontal strip of unprinted paper between each set of four miniature sheets arranged in the row, is equal to one stamp in height, as would be expected. It is proven by reference to an examination of the uncut proof miniature sheets. If the Collector were to place two issued miniature sheets one above the other and measure the bottom/top selvedge combination, it is clearly less than one stamp in height. Clearly, the height of each miniature sheet has been reduced by trimming the excess paper away during the process that separates miniature sheets from the master sheet. This is perhaps done to keep the presence of excess paper in proportion. Having the gutter equal to one stamp in height is appropriate to

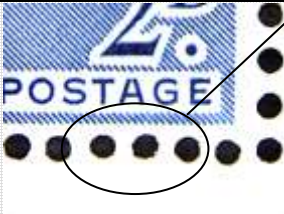
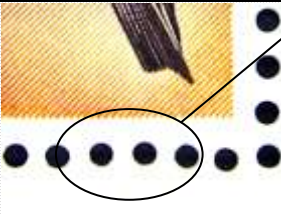
the normal operation of the perforating head that treats the distance between each horizontal rows of perf pins as being consistent.

Even though it is not regular practice when printing stamps from the same issue, it can be seen by using the perforation gauge alone, it can be seen that the perforating machines used for main and miniature sheet master were different. Those from miniature sheets are 'coarser', perf holes wider, than their equivalents issued from large sheets.

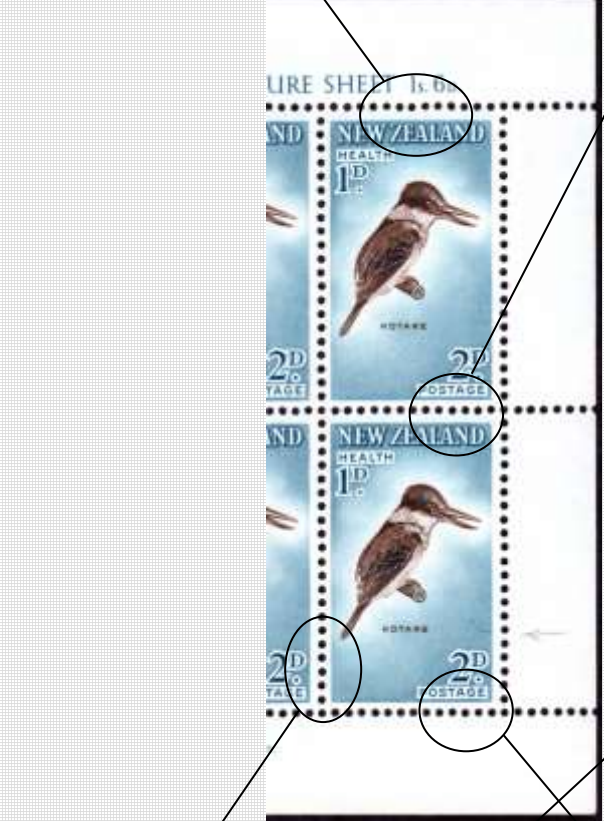
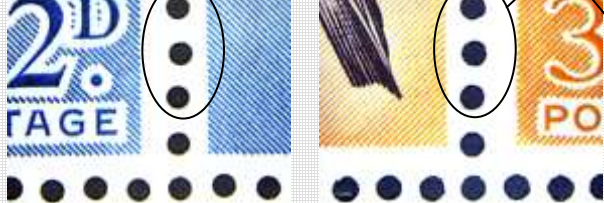
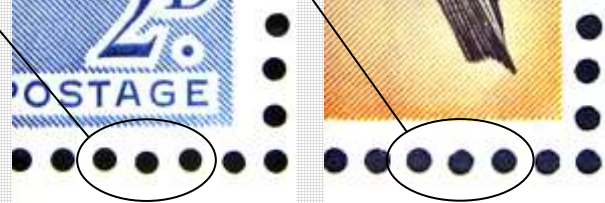
Miniature Sheet Perforation Characteristics

Looking at the miniature sheets for these characteristics, it is seen that the perf varieties can be found and thereby arranges the miniature sheets into 4 groups of 4 sheets, confirming the column to which each miniature sheet belongs. Being single comb, each perforation variety is repeated on each row of the miniature sheet, including the horizontal perforations between individual sheets.

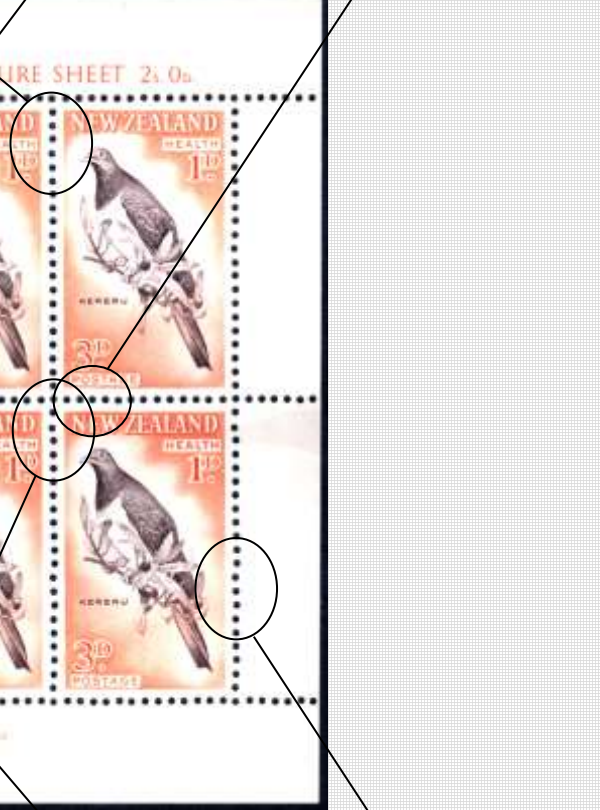
Miniature Sheet Perforations Characteristics Type 1

The 3rd perf pin down from the top of the vertical column is biased slightly left; whilst the 4th pin is biased slightly right. This causes a step change in the vertical alignment between stamps in the top row of the miniature sheet.	The 4th perf pin horizontally from the top left corner of the stamp is biased downwards and is out of alignment with the rest of the line at the top of the top row of stamp on the miniature sheet.
On both the 2d and 3d, the displaced perf hole is found between the 'D' of 'LAND' on the stamp on the left, and the 'N' of 'NEW' for the stamp on the right.	On both the 2d and 3d miniature sheets the misplaced perf hole is found above the 'E' of 'NEW' on the stamps on the top row of the miniature sheet.
 	 
 	
On the 2d stamp, these are found below the 'TAGE' of 'POSTAGE'.	On the 3d stamps, the misplaced holes are seen below the bird's tail.
The 3rd, 4th and 5th perf pin from the bottom right corner of the lower row of stamps are biased upwards in an arc, the 4th hole most affected.	

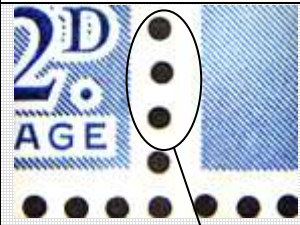
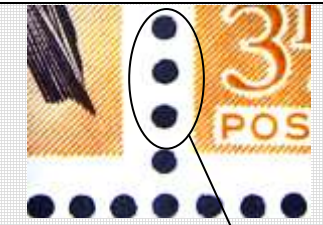
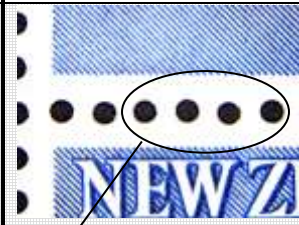
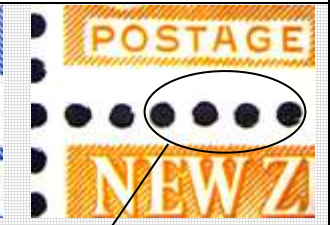
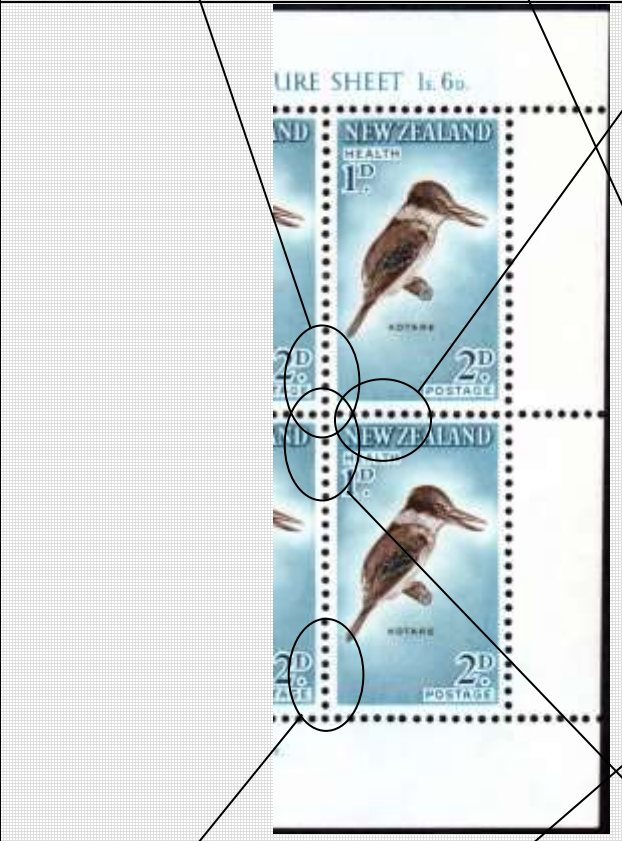
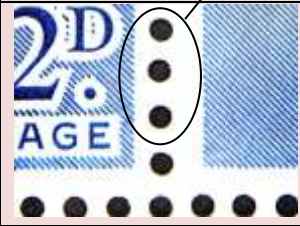
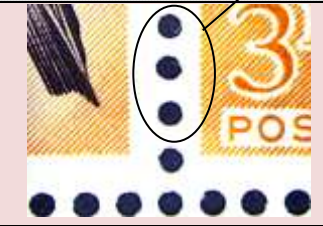
Miniature Sheet Perforations Characteristics Type 2

The 8th perf pin right of the top left corner of the stamps in the top row of the miniature sheet is biased down and slightly to the left. This causes a narrow gap to the hole on the left and a wide gap to the hole on the right.	The 3rd and 5th perf pin from the right end of the middle horizontal row of perforations, between the top and lower row of stamps, are both biased downwards slightly.
On both the 2d and 3d sheets, the misplaced perf pin is found directly above the 'EA' of 'ZEAL'.	On both the 2d and 3d miniature sheet, these misplaced holes are found above the 'AN' of 'LAND'; and 'D' of 'LAND', on the stamps on the second row of the miniature sheet.
	
	
	
On the 2d sheet, the misplaced perf hole is found right of the middle of the '2^d' on the stamp on the left; for the stamp on the right, it is set against the lined background.	On sheets from the 3d denomination, the misplaced perf hole is found top right of the end of the bird's tail on the stamp on the left; and left of the middle of the '3' for the stamp on the right.
The 4th perf pin of the vertical perfs, counting from the bottom hole, is biased to the right and is therefore out of alignment	On the 2d sheet the misplaced perf hole is found on stamps from row 2 of the miniature sheet, below the 'AG' of 'POSTAGE'. On the 3d sheet, the misplaced perf hole is found in the lower horizontal row of perfs, the left hole of the two below the end of the bird's tail
	The 4th perf hole horizontally left of the bottom right corner of stamps from the bottom row of the miniature sheet, is biased down and perhaps biased a little to the left also.

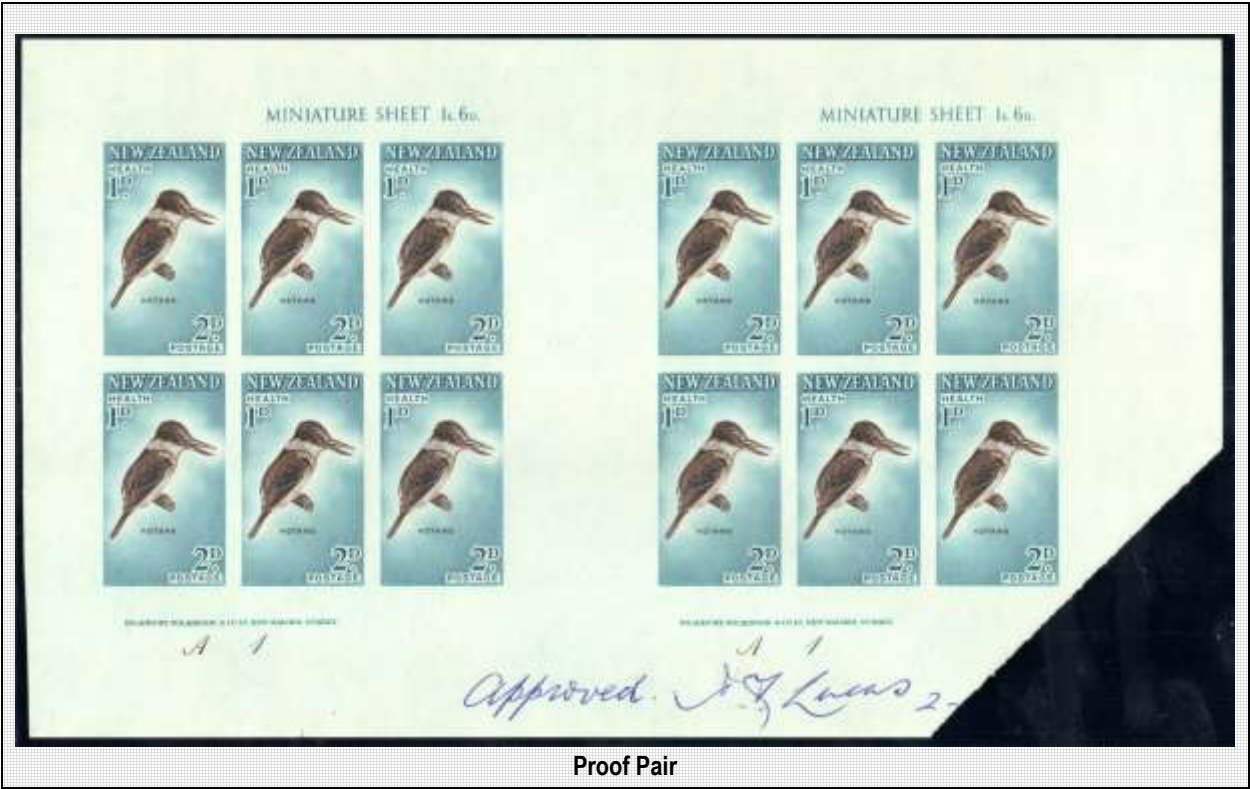
Miniature Sheet Perforations Characteristics Type 3

The 4th perf pin vertically down from the top corner of the stamps from the top row of the miniature sheet, is biased slightly to the right and slightly upwards. This leaves a short gap between the 3rd and 4th perf hole; and a wide gap between the 4th and 5th perf holes. This is very similar to the variety found on stamps from the bottom row.	On the middle horizontal row of perfs between stamps on row 1 and row 2 of the miniature sheet, the 4th perf pin from the left corner is biased slightly to the left; causing a short gap between the 3rd and 4th perf holes; and a wide gap between the 4th and 5th perfs holes.
On both sheets, the perf misplaced hole is found bottom right of the 'D' of 'LAND' on the stamp on the left; and bottom left of the 'N' of 'NEW' for the stamp on the right.	On both the 2d and 3d sheets, the misplaced perf hole is found in the central margin directly above the 'E' of 'NEW' on stamps from row 2.
	
	
	
On both sheets, the perf misplaced hole is found bottom right of the 'D' of 'LAND' on the stamp on the left; and bottom left of the 'N' of 'NEW' for the stamp on the right.	On the 2d stamp, the 9th hole is one hole up from the base of the bird's tail on the stamp on the right; the 11th hole is one perf hole above the top of the tail. For the 3d stamp; the 9th hole is left of 'KERERU' for the stamp on the right; and for the stamp on the left, the holes are at the bottom and top of the shaded leaf.
The 4th perf hole vertically down from the top of stamps from row 2 of the miniature sheet, is biased to the right and high. This causes a narrow gap between the 3th and 4th perf holes; and a wide gap between the 4th and 5th perf holes. This is very similar to the same variety found on stamps from the top row of the miniature sheet.	The 9th perf pin vertically up from the bottom right corner of the stamp is biased to the right; whilst the 11th perf pin is biased to the left.

Miniature Sheet Perforations Characteristics Type 4

The 4th perf pin vertically upward from the bottom corner of stamps from the top row of the miniature sheet, is biased to the right and out of alignment.	The 5th and 6th perf hole horizontal from the left corner of the stamps from the middle row of the perforations between row 1 and row 2 of the miniature sheet, are biased slightly up and slightly down respectively, causing a step change.
On the 2d sheet, this misplaced hole is found right of the middle of the '2D' on the stamp on the left. On the 3d, the misplaced hole is top right of the end of the bird's tail of the stamp on the left; and left of the lower arc of the '3' for the stamp on the right.	On both the 2d and 3d sheets, these misplaced holes are found directly above the 'W' of 'NEW', just before the nose of the 'Z' of 'ZEAL'.
 	 
	
 	 
On the 2d sheet, the misplaced perf is found right of the middle of the '2D' for the stamps on the left; and against the background for stamps on the right. On the 3d sheet, the misplaced perf is found top right of the end of the bird's tail; and left of the lower arc of the '3'.	For the 2d sheet, the misplaced perf hole is found left of the first 'H' of 'HEALTH', for the stamps on the right. For 3d sheets, the misplaced perf hole is found right of the last 'H' of 'HEALTH' for stamps on the left.
The 4th perf pin vertically upwards from the bottom corner of stamps from the lower row of the miniature sheet, is biased to the left and slightly up. This causes a step change; a wide gap between holes 3 and 4; and a narrow gap between the 4th and 5th perf holes.	The 4th perf pin vertically down from the top corner of the stamp from the lower row of the miniature sheet, is biased slightly right.

2d+1d Miniature Sheet, Errors and Varieties



☐	Proof Pair	Imperf proof pair of miniature sheets (both values) exist from the master sheet that was broken up and sold. This example is from the bottom right corner of the master sheet with extra wide side and lower selvages as proof of its position. There is also the hand written inscription 'Approved A. J. Lucas 2-'. The last part of this inscription is missing by a cut that removes the bottom right corner diagonally but can be assumed to be '2-5-60' or '2-6-60'. (A full inscription is shown on the counterpart 3d+1d proof pair, see later, and is dated '27').	£1500	TAH
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3d+1d Miniature Sheet, Errors and Varieties



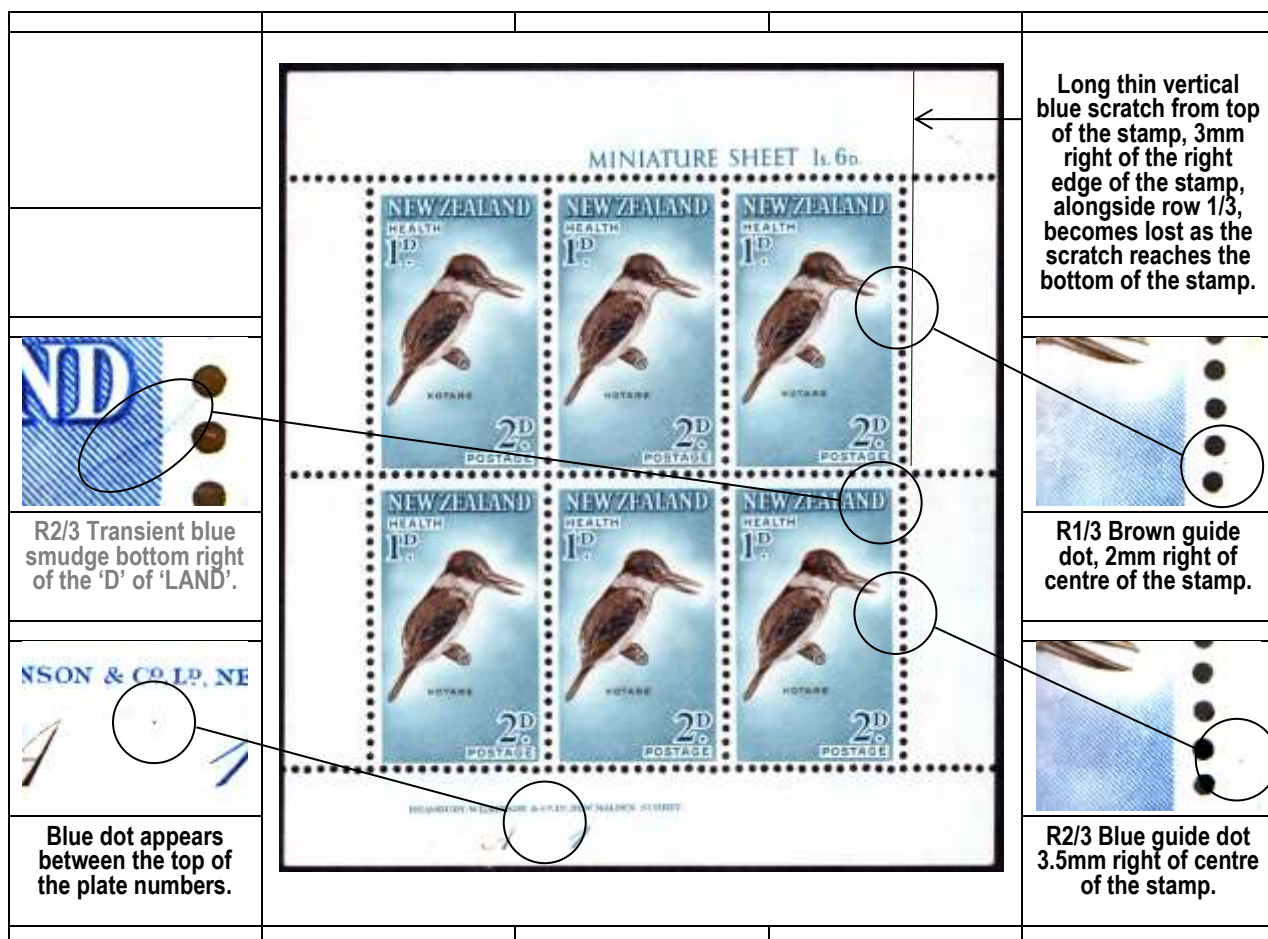
☐	Proof Pair	Imperf proof pair of miniature sheets (both values) exist from the master sheet that was broken up and sold. This example is from the bottom right corner of the master sheet with extra wide side and lower selvages as proof of its position. There is also the hand written inscription 'Approved A. J. Lucas 27-5-60'.	£1500	TAH
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2d+1d Miniature Sheet 1

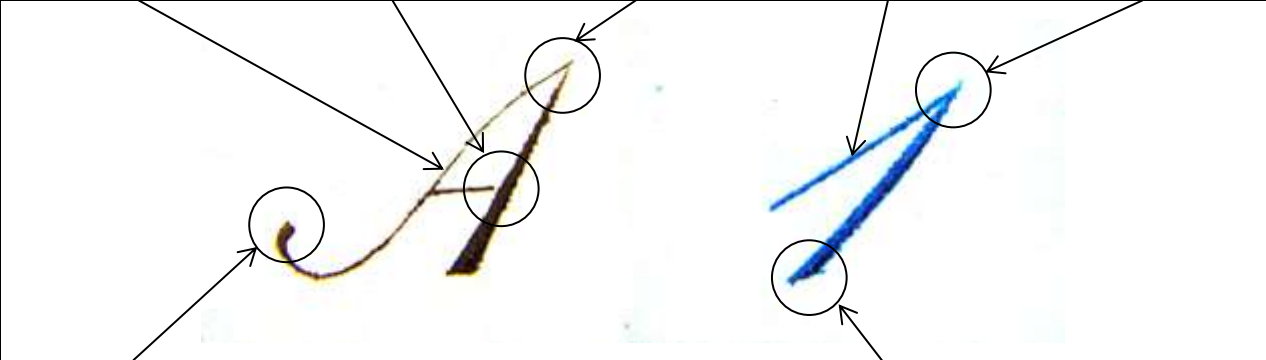
To identify this sheet, look to the 'A' plate number. The horizontal bar that links the two arms of the letter does not touch the right arm, leaving a small gap. Take care as this is not the only miniature sheet that has this characteristic, sheet 2 is very similar. To differentiate between the two, look to the foot of the right leg of the 'A'. On this stamp the foot is splayed, on sheet 2 it is thinned.

CP Description: Cross of 'A' fails to connect with the right leg.



○	R1/3	Blue	There is a long, thin vertical scratch in blue that follows the right edge of the stamp at row 1/3, 3mm to the right, for the length of the stamp. The top of this scratch is faint, on some examples it starts from the top edge of the sheet, on others it starts just above the horizontal perfs top right of the stamp.	A8-M8	✓
○	R1/3	Brown	The brown guide dot is seen in the right selvedge, 2mm from the edge of the stamp.	G8	✓
○	R2/3	Blue	Transient diagonal blue smudge of the background, beneath the 'D' of 'LAND', upwards from below the foot of the letter to the top of the right margin, where the smudge becomes a series of blue spots to the vertical perforations.	B7-A8	✓
○	R2/3	Blue	A blue guide dot is found in the right selvedge, 3.5mm from the centre of the right edge of the stamp.	G8	✓

2d+1d Miniature Sheet 1 Map

The left arm of the 'A' is thin and is broken in places.	The horizontal bar of the 'A' does not reach the right leg, creating a small gap.	The top of the 'A' of extremely pointed, with lines thinning.	The long serif of the '1' is thick and straight.	The top of the '1' is extremely pointed and curves to the upright.
				
The bulb at the end of the left leg is flattened at an angle and not curved and bulbous as in other examples.			Small spur from the right end of the foot of the '1'.	
				

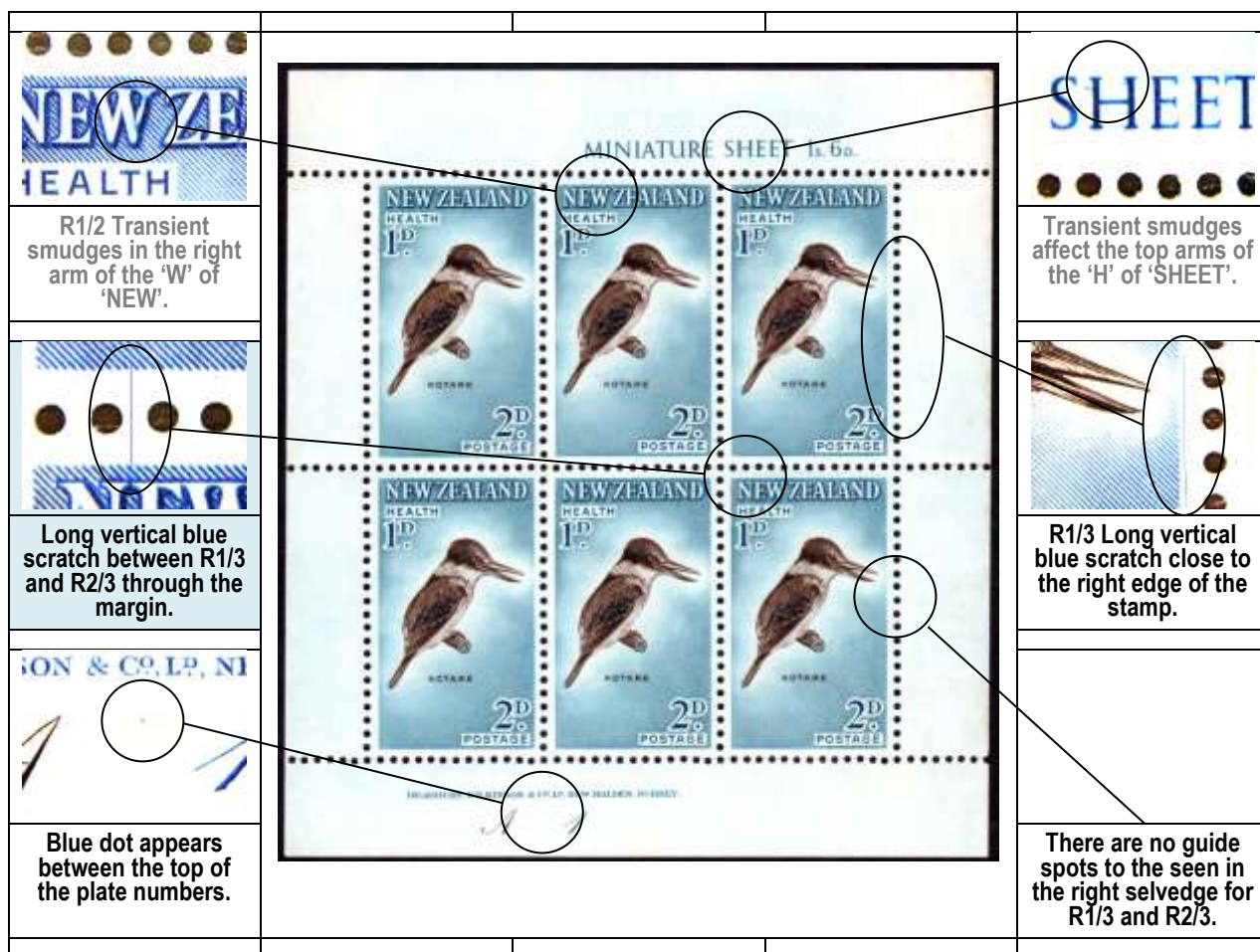
Short blue line 3.5mm above the left edge of the stamp at R1/1.	Purple spot very close to the top of the miniature sheet, above the 'NE' of 'NEW' in row 1/1.	Faint blue spot 3mm above the words 'MINIATURE SHEET'.		Long, faint blue scratch 3mm right of the edge of the stamp at R1/3, running for the length of the stamp.
				

				
Blue spot 1mm top left of the 'B' of 'BRADBURY'.	Blue spot above the 'CO. LD.'.	Vertical blue scratch below R2/2, left of the 'N' of 'NEW' in the imprint, to the lower edge of the sheet.	Faint blue diagonal scratch below the left side of the stamp at R2/3.	

2d+1d Miniature Sheet 2

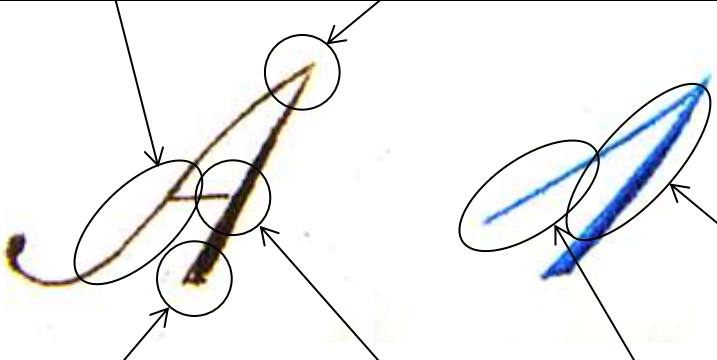
Look to the horizontal bar of the 'A' of the plate number. Like sheet 1, the bar does not reach the right arm of the 'A' leaving a small gap. On this sheet, the foot of the right arm of the 'A' is narrow, if not broken. To confirm, look for the vertical blue line that connects the stamps at row 1/3 with row 2/3, that runs through the horizontal margin between the stamps. It is found immediately above the 'NE' of 'NEW' on row 2/3. Or, look to the serif of the '1' of the plate number which is longer than any other miniature sheet.

CP Description: The figure '1' of the plate number has an abnormally long leg.
Faint blue scratch north-west of 'BRAD'.

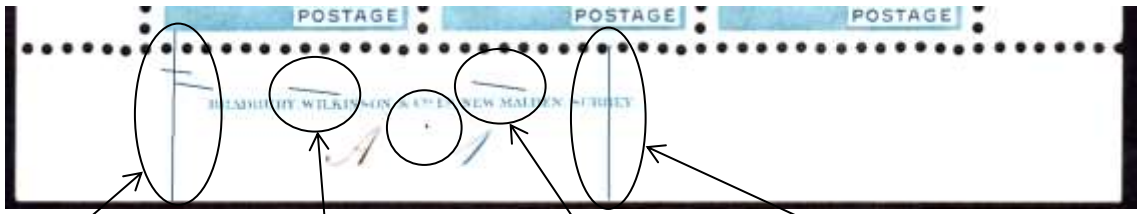


○	MS	Blue	There are transient smudges of blue ink seen at the top of both arms of the 'H' of 'SHEET' projecting to the left.		✓
○	R1/2	Blue	Transient blue smudges affect the right arm of the 'W' of 'NEW', seen to fill parts of the inner space of the letter.	A3	✓
○	R1/3	Blue	Long vertical blue scratch close to the right edge of the stamp, most noticeable where the line starts opposite the bird's beak, then travels downwards to the foot of the stamp.	E8-M8	✓
○	R1/3 to R2/3	Blue	Vertical blue scratch through the margin between the stamps at R1/3 and R2/3, starting from inside the stamp at R1/3, to the join of the 'N' and 'E' of 'NEW' on R2/3. This is quite evident.	M2 to -A2	✓

2d+1d Miniature Sheet 2 Map

	The leading edge of the 'A' is thinned below the bar, almost breaking.	The top of the right side of the 'A' is thinned and pointed.		
				
	The foot of the upright is broken and thinned, with no serifs to splay the foot.	The horizontal bar of the 'A' does not touch the right side of the 'A'.	The serif of the '1' is extremely long, greater than other examples.	The back of the '1' noticeably curves and leans back more than most.

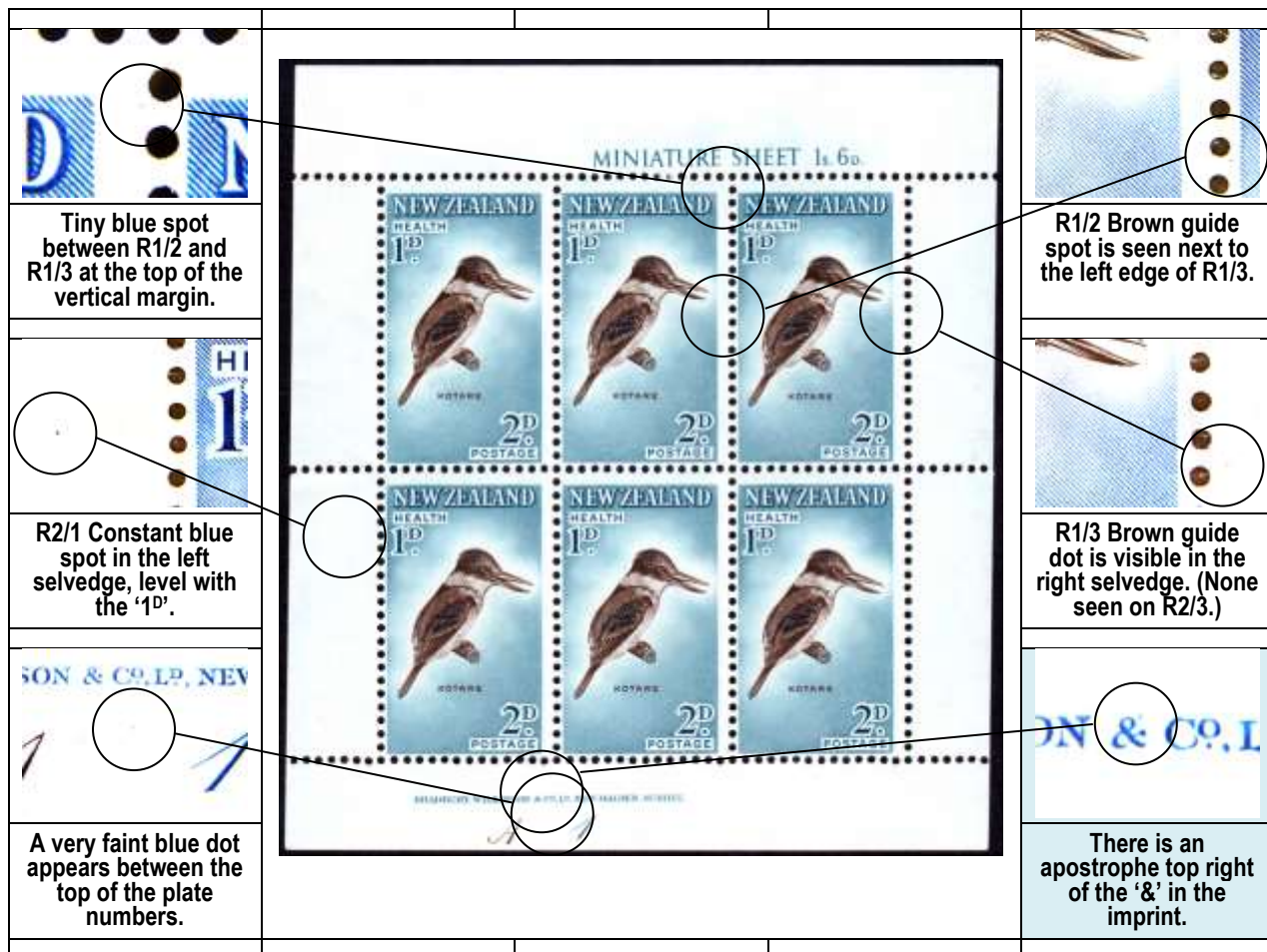
	Broken blue scratch under the 'NIATU', with that under the 'U' being most prominent.	Blue spot 3mm above 'MINIATURE SHEET'.	Broken blue scratch under the '1' and '6' of the miniature sheet value.	Long vertical blue scratch through the top margin right of the stamp at R1/3.
				

				
Two short blue diagonal lines top left of 'BRAD' crossed by a fine vertical blue line 2mm left of the 'B'.	Short diagonal blue scratch 1mm above 'Y, WILK'.	Short diagonal blue scratch 1mm above 'EW MAL' in the imprint.	Long vertical blue scratch below the 'S' of 'POSTAGE' on R2/2, onwards through the 2 nd 'R' of 'SURREY'.	

2d+1d Miniature Sheet 3

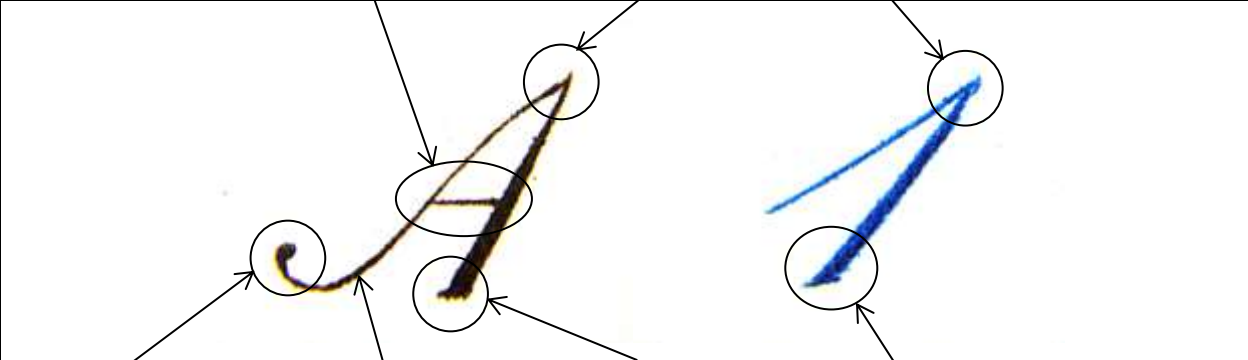
To identify this miniature sheet, look to the plate numbers, where both the 'A' and the '1' are sharply pointed. In the 'A' it is seen that the right leg of the 'A' protrudes just above the join of the left leg and comes to a fine point. Note also that there are two short diagonal blue lines/scratches just top left of the 'B' of 'BRAD', the lower of which is quite visible, but still requires magnification to see it. In the imprint, there is an additional very short vertical blue line top right of the '&' appearing as an apostrophe. This is small, but matches the style of the letters of the imprint well.

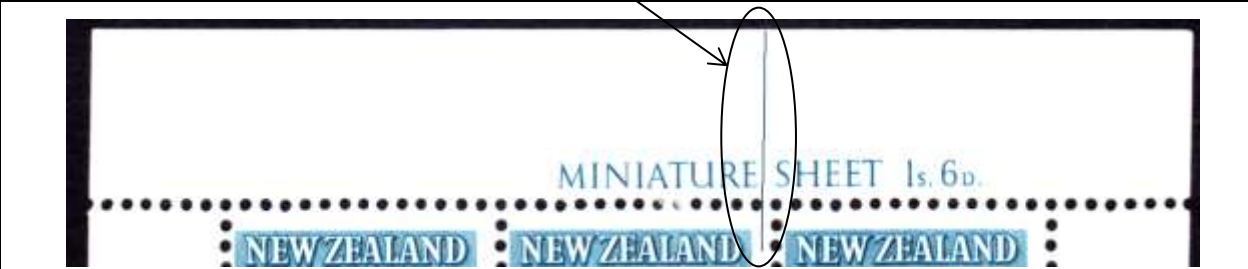
CP Description: Two faint blue horizontal lines show above the 'B' of 'BRAD'.
Straight leg of 'A' extends well beyond the junction.

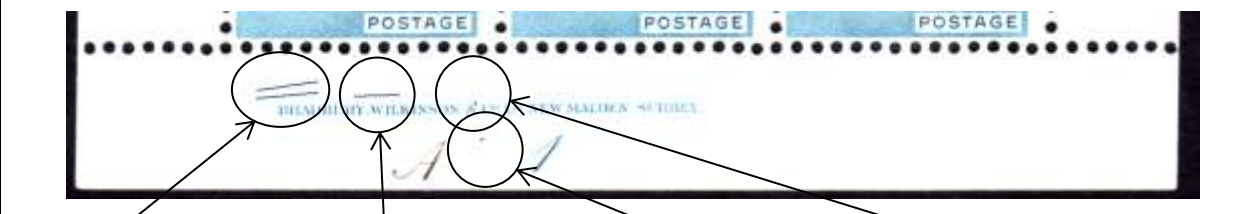


○	R1/3	Brown	Brown guide dot is seen in the right selvedge, 2mm from the centre of the right edge of the stamp.	G8	✓
○	R1/2	Brown	Brown guide dot is seen against the left edge of the stamp at R1/3 that belongs to this stamp. Guide dots seen in columns other than column 3 are scarce.	G8	✓
○	R1/2, R1/3	Blue	A constant blue spot appears at the top of the margin between the stamps at row 1/2 and row 1/3, positioned as if a guide dot. It is usual to find this spot cut off by the perforations, and it is only seen where the perforations are misplaced sideways.	A8	✓
○	R2/1	Blue	A blue spot is seen in the left selvedge, 7mm left of the '1D'.	C0	✓
○	R2/3	Brown, Blue	No guide dots are found in the right selvedge.	G8	
○	Imprint	Blue	There is a small vertical blue line top right of the '&' in the printers imprint, appearing as if an apostrophe.	-	✓

2d+1d Miniature Sheet 3 Map

	The horizontal bar of the 'A' is thinned at the left end, thick on the right.	The apex of the 'A' is pointed, with the right side extending a little passed the join with the curved left leg.	The apex of the '1' is pointed, the top of the right leg curves inwards to meet the serif lower than at its top.	
				
The bulbous end curves back upon itself as if a closed fist.	The curved left leg of the 'A' is thick and irregular.	The base of the right leg is pitted, as if pinched on the left side.	The foot of the '1' is pointed to the left and has an irregular pitted outline.	

		Near vertical blue line from the top edge of the stamp, to just below the top of the stamp at R1/2 on the right side.		
				

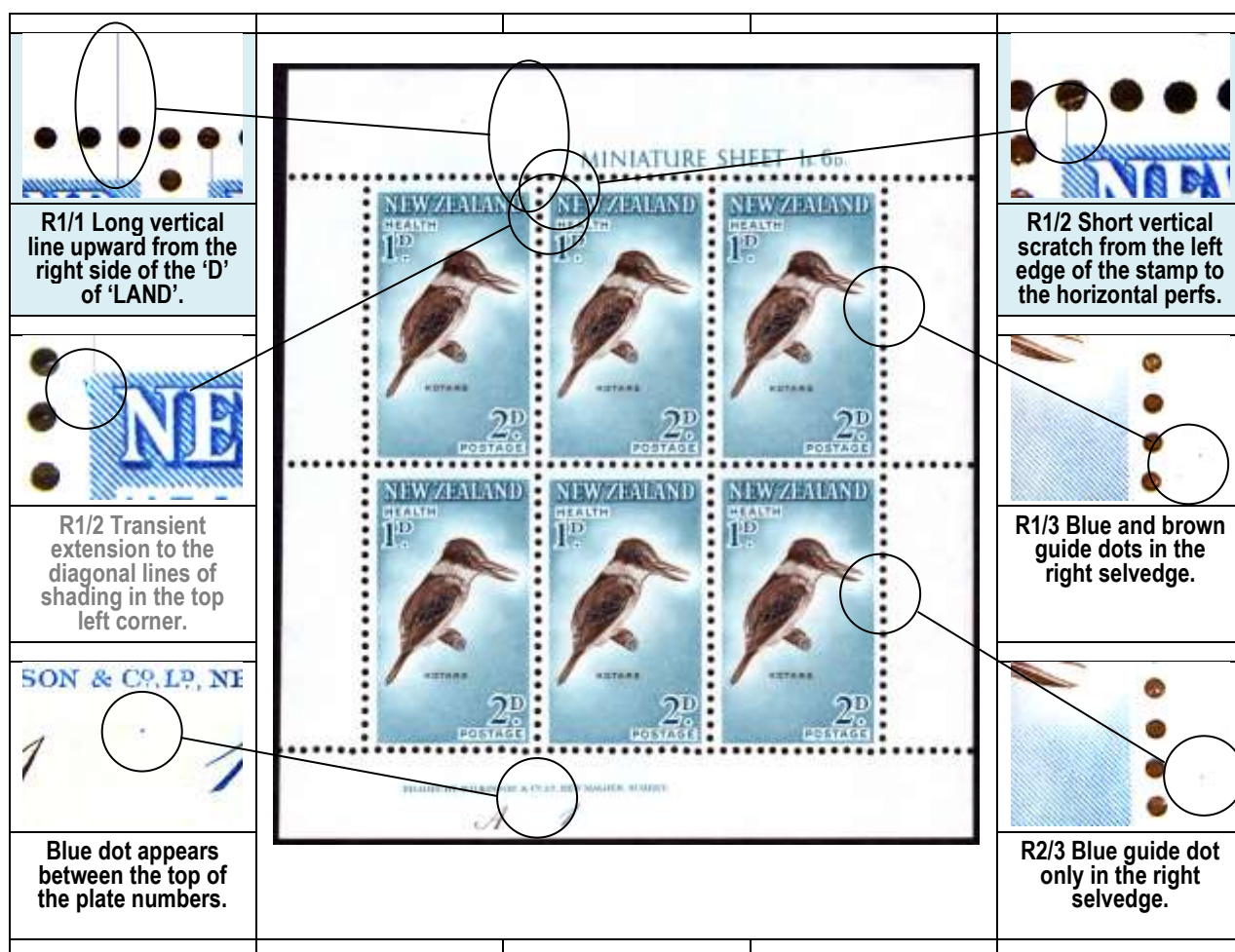
				
There are two almost parallel 2mm long diagonal scratches, starting 0.5mm above the 'BRA' of 'BRADBURY'.	A 1.5mm long blue scratch appears 1mm above the 'Y, WIL' of the imprint.	Faint blue spot between the letters of 'A1'.	An apostrophe appears after the '&' in the printers imprint, as a small vertical blue line.	

2d+1d Miniature Sheet 4

There is plenty of variety on this stamp most of which cannot be seen with the naked eye, and only just visible under magnification. The Collector needs to refer to the vertical scratches to identify this miniature sheet, the best of which is seen running through the top margin, from the right side of the stamp at row 1/1. This is quite bold and relatively constant. It may help also to look for the much shorter vertical blue scratch upwards from the left side of the stamp at row 1/2, quite close to the longer scratch, although short, tends to be more variable, but can be very prominent at times.

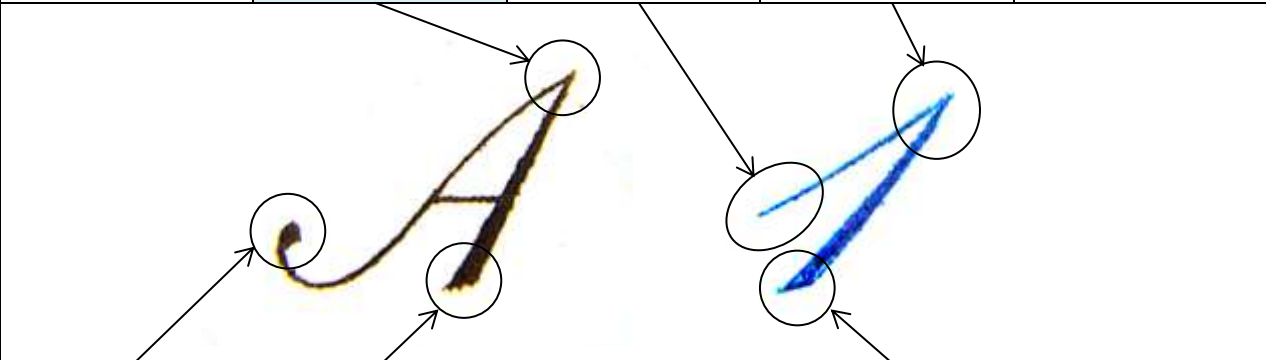
Whilst CP notes the extension to the right leg of the 'A' of the plate number, it is not as good as that seen in miniature sheet 3. Whilst there is no vertical line running above the 'B' of 'BURY', one is seen, albeit faint, upwards from the 'R' just to the right.

CP Description: A faint vertical blue line extends up from the 'B' of 'BURY'.
Straight leg of 'A' extends at top.
Blue vertical line from 'O' of 'C'.

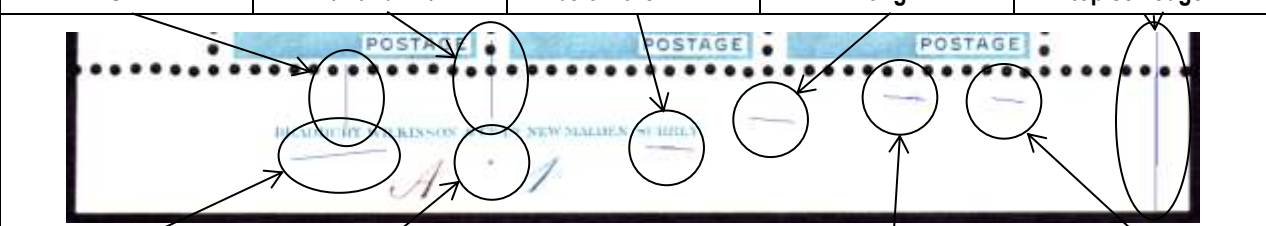


○	R1/1	Blue	Prominent vertical blue scratch above the right edge of the stamp, travelling the entire width of the top selvedge.	-A7 upwards	✓
○	R1/2	Blue	Short vertical blue line in the top margin from the top left corner of the stamp running to the horizontal perforations above. In some examples this is prominent, in others it is barely visible.	-A0 1	✓
○	R1/2	Blue	Transient. There is an extension to the diagonal lines of shading of the background in the top left corner of the stamp.	A0	✓

2d+1d Miniature Sheet 4 Map

	The apex of the 'A' is very pointed with right straight leg extending slightly at the top.	The end of the serif of the '1' is thinned coming to a sharp point.	The apex of the thick right leg of the '1' is thinned along its top right side making it look bent.	
				
The bulb at the end of the left leg is almost triangular.	The underside of the foot of the right leg slopes downwards to a point on the left and its underside is pitted.		The foot of the '1' is exceptionally pointed to the left.	

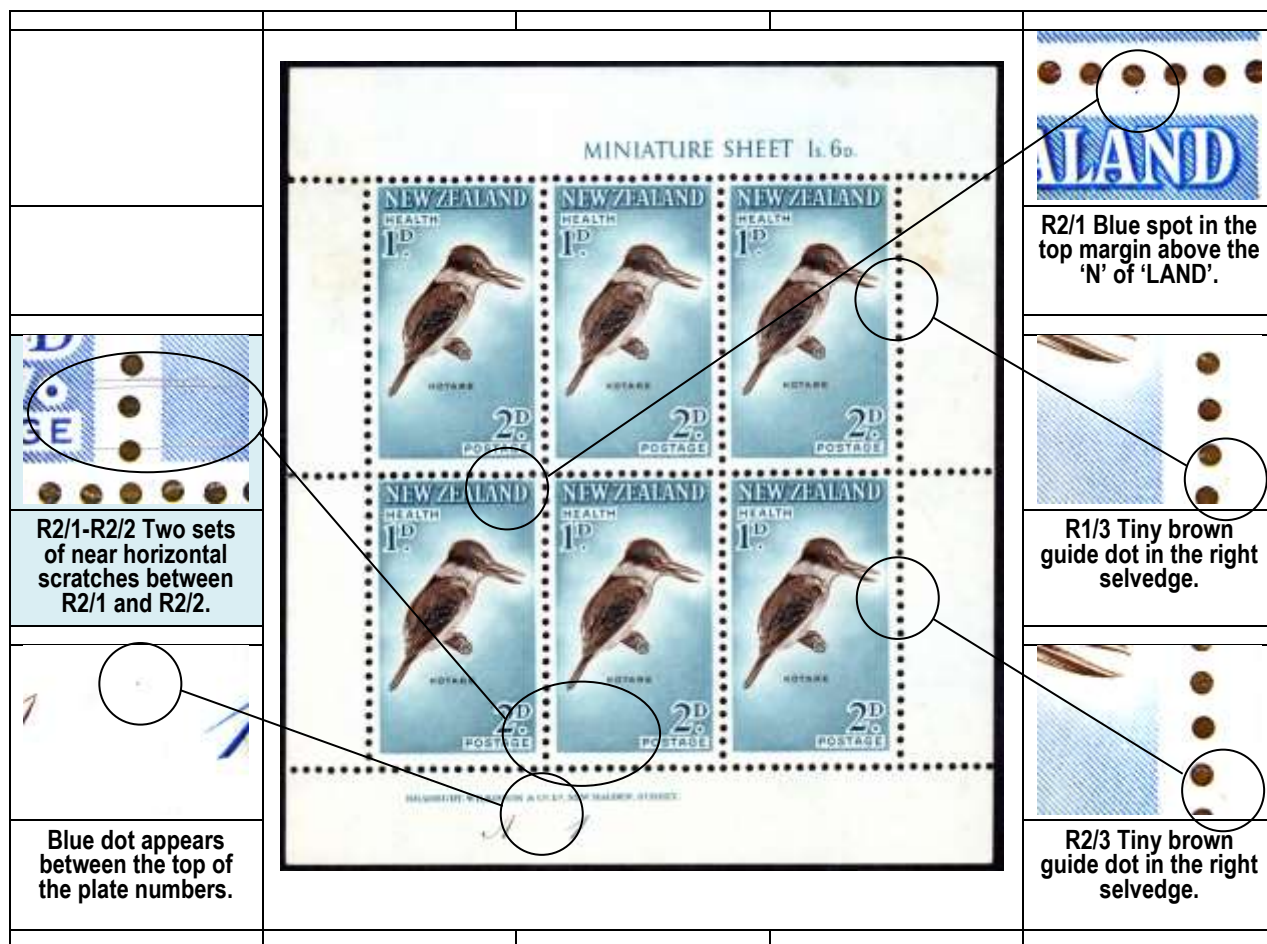
Very faint vertical blue line above the 'N' of 'NEW' of R1/1, upwards through the top selvage.	Prominent blue scratch above the 'D' of 'LAND' through the top selvage.	Short vertical blue scratch from the top left corner of R1/2 to the horizontal perfs above. Does not extend further.	Long vertical blue scratch from the top left corner of R1/3, upwards through the 'S' of 'SHEET'. On some examples this is very faint.	Start of a very long fine blue scratch close to the right edge of the miniature sheet, extending downwards to the foot of the sheet.
				

Short vertical blue scratch from middle of R2/1 to 'R' of 'BURY'.	Faint blue line from 'O' of 'C ^o .' upwards a short distance into the margin between R2/1 and R2/2.	Diagonal blue scratch below 'SURREY' best seen below the 'RR'.	Further diagonal blue scratch 6mm below the margin between R2/2 and R2/3, 3mm long.	Continuation of the long vertical blue scratch seen in the top selvage.
				
Diagonal blue line below 'ADBURY, WI' of the imprint, relatively visible but broken on some examples.	Tiny blue spot between the 'A!' of the plate number.		Diagonal blue scratch 4mm below the centre of R2/3 and 2mm long.	Diagonal blue scratch 5mm below the 'GE' of 'POSTAGE' on R2/3, 1.5mm long.

2d+1d Miniature Sheet 5

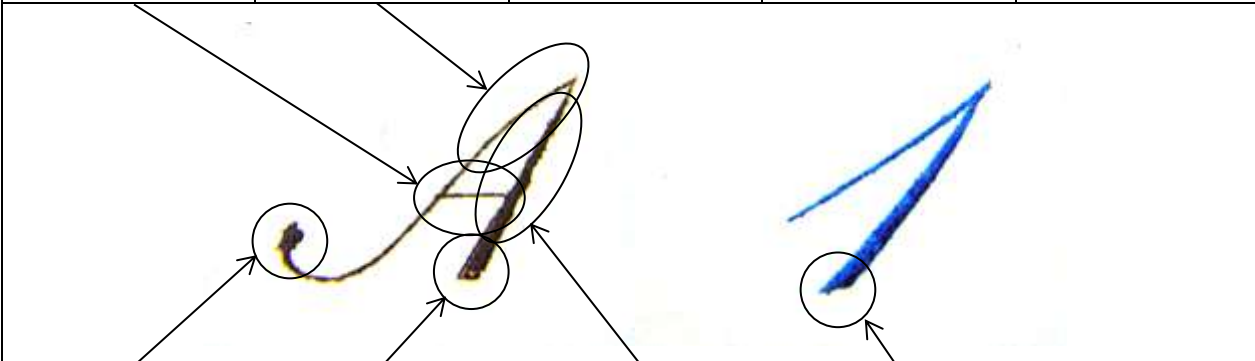
The CP description of this stamp does not do it justice. Whilst the statement is correct, it does not describe the number nor extent of the scratching seen on this stamp. Even the author's description only summarises the number of scratches present, and highlights the most visible. Certainly look for the three near horizontal brown scratches that cross the foot of the margin between row 2/1 and row 2/2.

CP Description: Faint brown scratches low down in the gutter between stamps 4 and 5 [R2/1 and R2/2]



○	R1/3	Brown	Brown guide dot in the right selvedge 2mm right of centre.	G8	✓
○	R2/1	Blue	Tiny blue spot in the top margin 1mm above the left arm of the 'N' of 'LAND'.	-A6	✓
○	R2/2	Brown	Pair of near horizontal brown scratches, best seen running through the margin between row 2/1 and row 2/2, level with the bullseye full stop of the '2 ^D ' on row 2/1; but continues into row 2/2, where their length, albeit very faint, can be tracked for 7mm.	L8 to L3	✓
○	R2/2	Brown	Long brown scratch from the right edge of the stamp at row 2/1, level with the lower arm of the 'E' of 'POSTAGE', travelling through the stamp at row 2/2 for 10mm, falling short of the 'P' of 'POSTAGE' where it is lost.	L M8 to L M4	✓
○	R2/3	Brown	Brown guide dot in the right selvedge 2mm right of centre. .	G8	✓

2d+1d Miniature Sheet 5 Map

The horizontal bar of the 'A' is thin. Signs of a small gap at the right end.	The upper part of the curved leg is fine and comes to a sharp point.			
				
The end of the left leg is irregular, with a spur at the top and left side.	There is a small notch in the right side of the foot of the straight leg.	The straight right leg is pitted along its outer length.	The foot of the '1' is concave, the left end pointed.	

			Fine 1mm long blue line running right of the constant blue spot.	
				

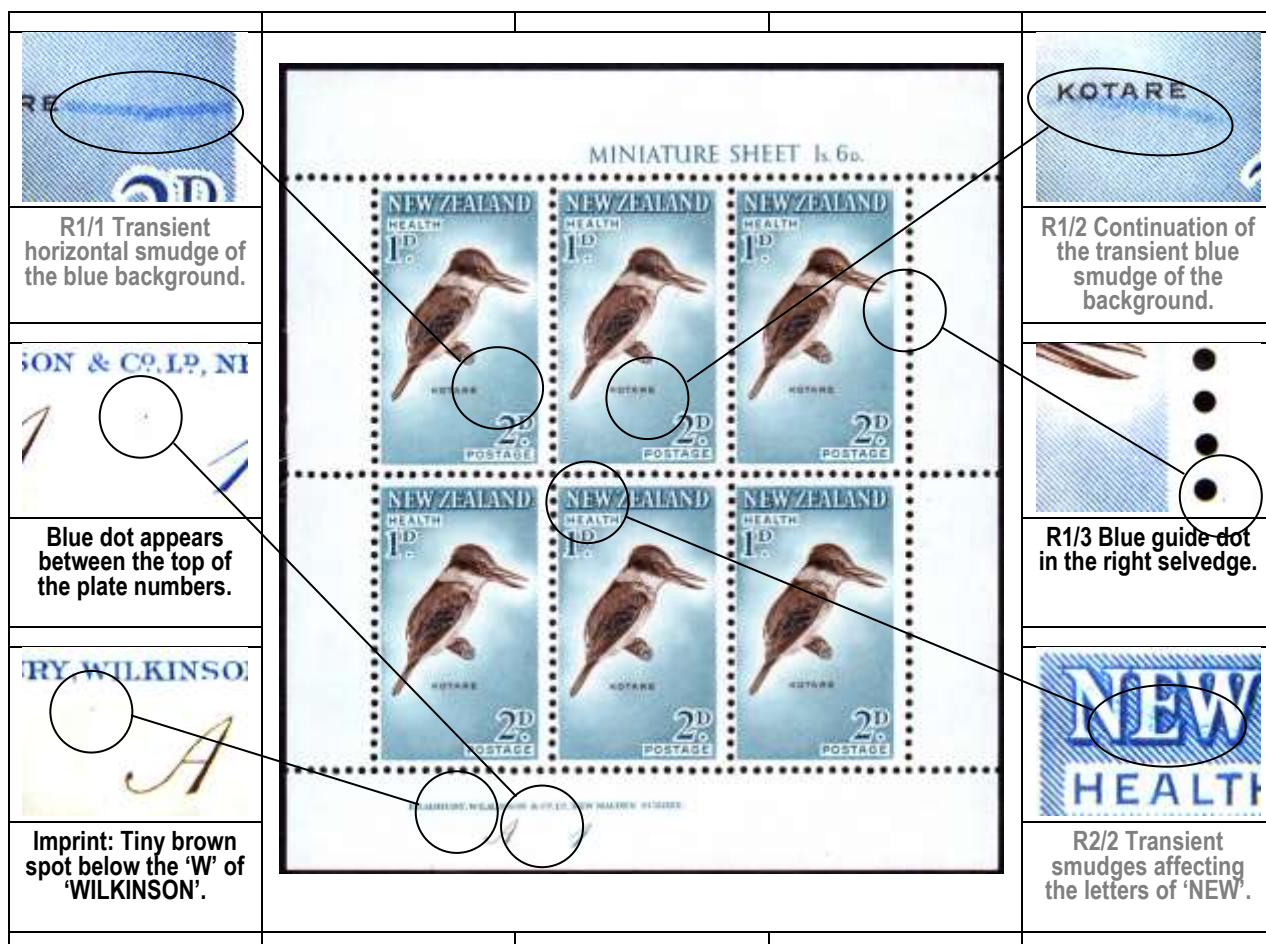
1mm long blue scratch close to the perfs, top left of 'BRAD'.		Fine brown scratch above 'BURY, W'	Two fine brown scratches close to the blue spot between the plate numbers.	
				
Fine blue scratch right of vertical from the perfs to close to the lower edge of the stamp.	Diagonal brown scratches left and above 'BRAD'.	Pair of brown 7mm long scratches bottom right of the 'A' pointing towards the '1'.	Series of almost parallel brown scratches in and around 'MALDEN'. Seen as a continuation of the scratches seen by the plate numbers.	

2d+1d Miniature Sheet 6

Of course, the form of the plate numbers is unique to this stamp, with the bulbous end of the curved leg of the 'A' being oval, yet elegant. The foot of the '1' is very pointed at the left end, with a serif curving downwards noticeably.

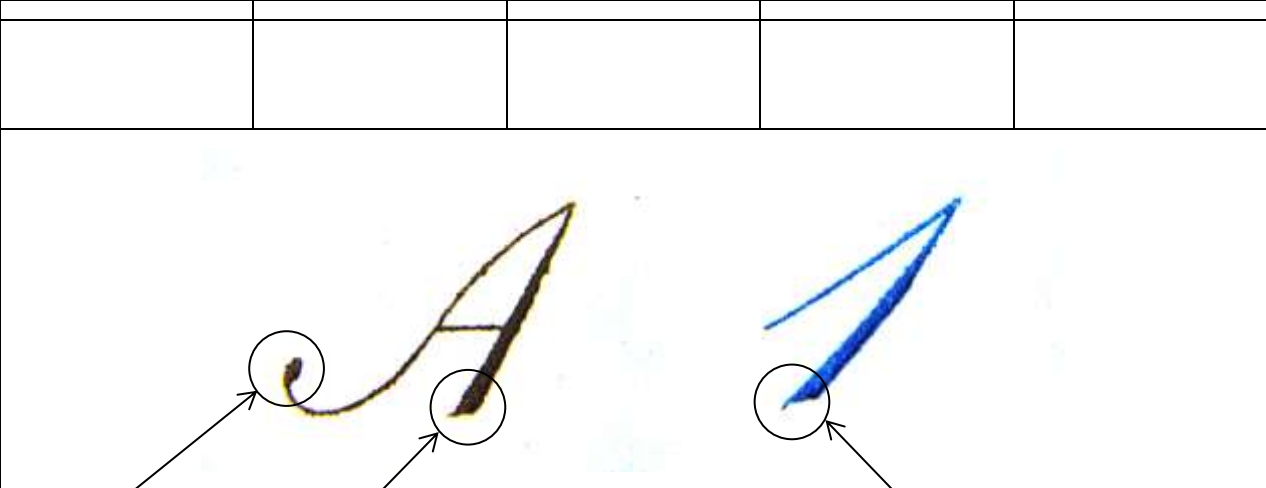
However, look to the lower selvage to see a curved blue line beneath the letters 'BURY, WIL' that is relatively bold for this type of scratch and thereby can readily identify this miniature sheet, but take care as many other sheets have scratches in this area. All other scratches are faint to very faint and as such are of little help when plating this miniature sheet other than by their large number.

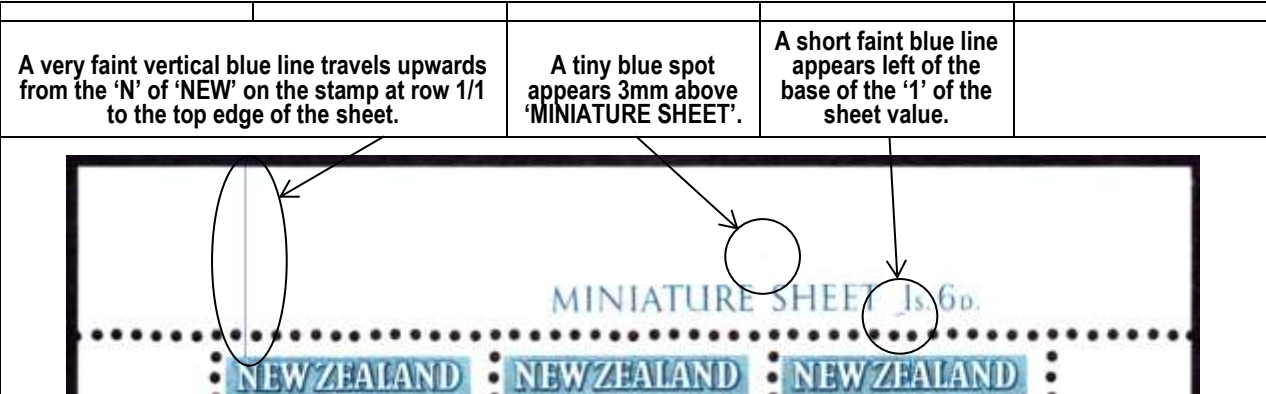
CP Description: Faint horizontal line in blue below 'BURY'.

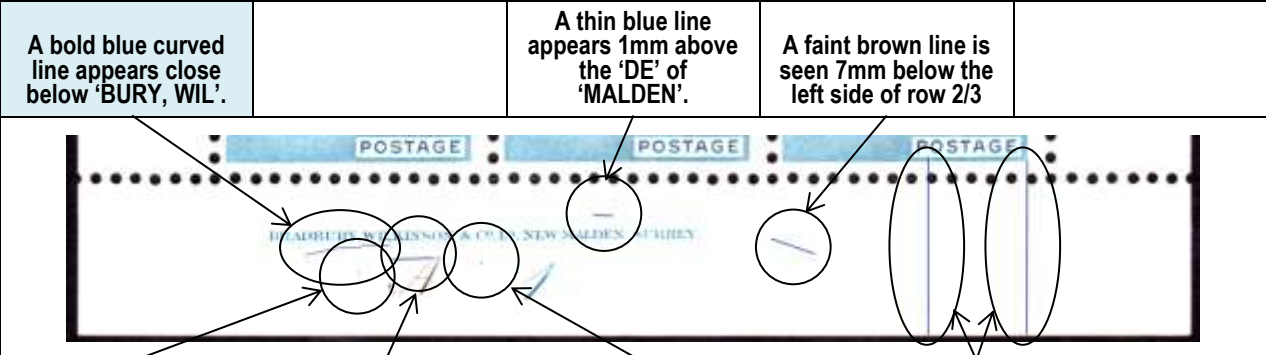


○	R1/1	Blue	Transient smudge of the blue diagonal background lines right of the 'E' of 'KOTARE', towards the right edge of the stamp. This smudge is eye visible.	J5 to J8	✓
○	R1/2	Blue	Continuation of the transient smudge of blue background lines seen on the stamp at row 1/1. Here the smudge travels through the diagonal lines of shading now in an arc, below the letters of 'KOTARE' and onwards over the top of the '2' of the value.	I3 to J5	✓
○	R1/3	Blue	A blue guide spot appears in the right selvage and is faint. There are no guide dots affecting row 2/3.	G8	✓
○	R2/2	Blue	Transient smudges of the letters of 'NEW', diagonally, with excess ink almost filling the white middles of the letters, especially bold towards their base.	A1 to A3	✓

2d+1d Miniature Sheet 6 Map

				
The bulb at the end of the curved leg is narrowed and oval.	The lower end of the straight left leg of the 'A' is narrowed and leaves the left side of the base, pointed.		There is an extended serif at the left end of the base of the '1' that points downwards.	

A very faint vertical blue line travels upwards from the 'N' of 'NEW' on the stamp at row 1/1 to the top edge of the sheet.	A tiny blue spot appears 3mm above 'MINIATURE SHEET'.	A short faint blue line appears left of the base of the '1' of the sheet value.	
			

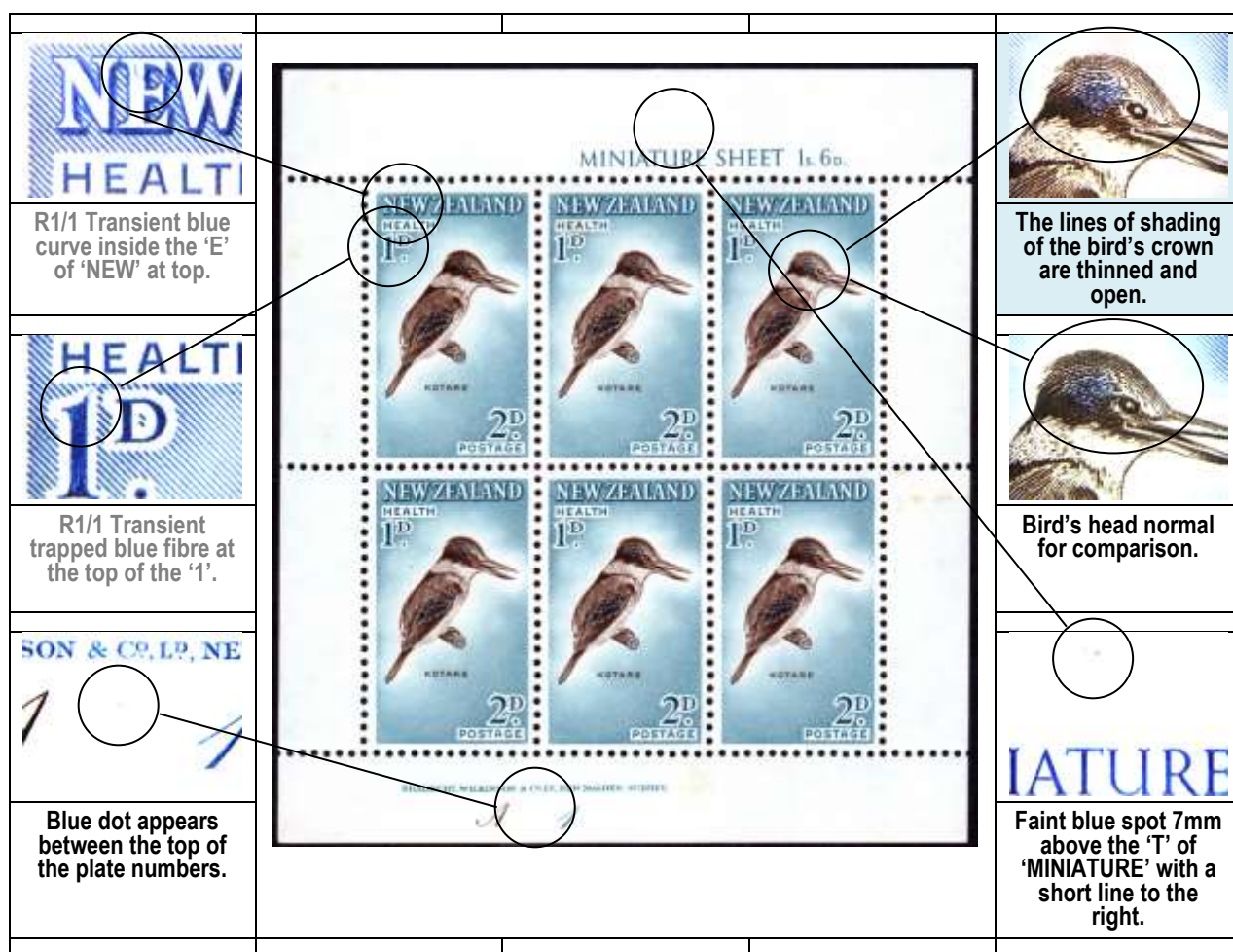
A bold blue curved line appears close below 'BURY, WIL'.	A thin blue line appears 1mm above the 'DE' of 'MALDEN'.	A faint brown line is seen 7mm below the left side of row 2/3	
			
A brown spot appears 1mm below the 'W' of 'WILKINSON'.	There is a very faint blue line left from the top of the 'A'.	The normal blue spot is seen between the 'A' and '1' plate numbers.	Two very faint vertical blue line descend from the base of row 2/3, the first below the 'PO' of 'POSTAGE'; the second as a continuation of the right edge of the stamp. These are very fine and only visible of a small number of sheets examined

2d+1d Miniature Sheet 7

A vertical blue line is seen running through the lower selvedge from the 'E' of 'POSTAGE' on the stamp at row 2/2, not as CP suggests row 2/3. As scratches go, this is a relatively visible scratch but still requires magnification to see it.

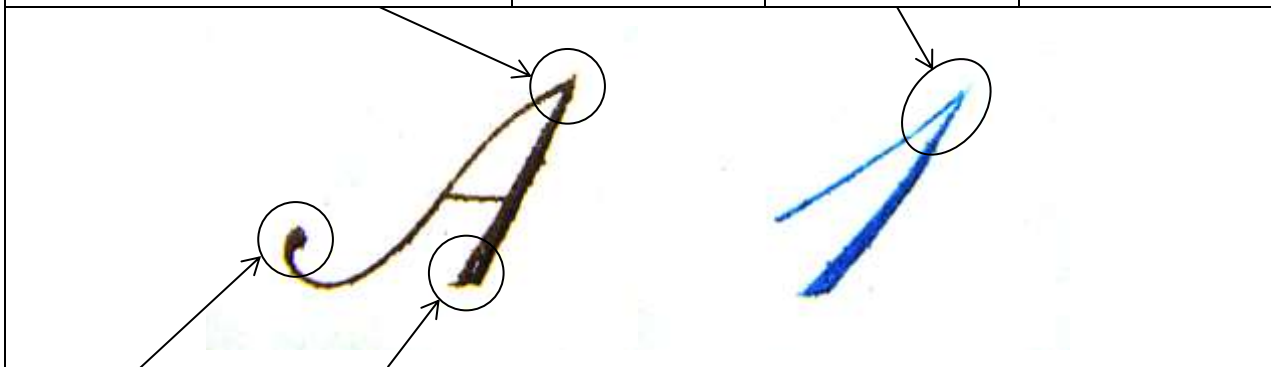
However, this is not the most notable variety on this sheet, look to the bird's head on the stamp at row 1/3. Here, the brown lines that form the curves at the top of the head are fine, with plenty of white space between them, and the crown of the head appears much lighter because of that. The rest of the bird, especially the fine lines of shading in the neck are unaffected.

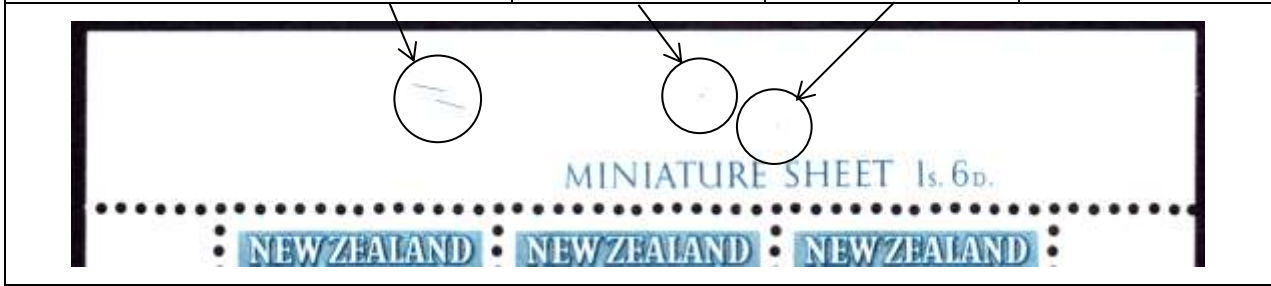
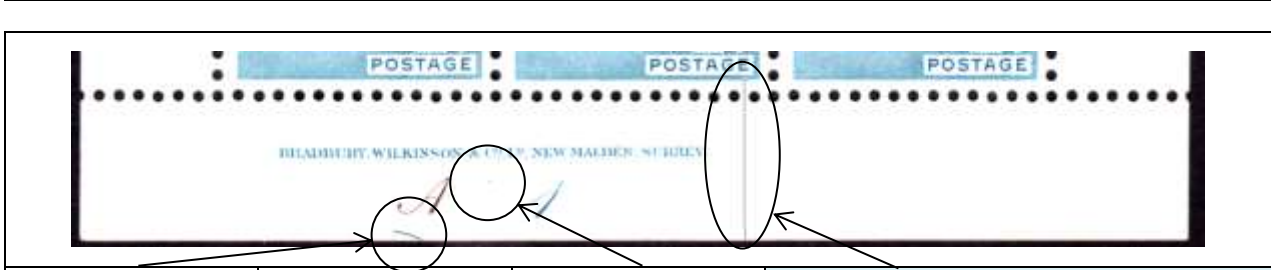
CP Description: Thin vertical line descends from the 'E' of 'POSTAGE' on stamp 6 [R2/3] crossing the lower selvedge.



○		Brown/Blue	There are no guide dots to be seen on this sheet.		
○	R1/1	Blue	Transient blue curve at the top of the 'E' of 'NEW' inside of the letter. .	A2	✓
○	R1/1	Blue	Transient trapped fibre at the top of the '1' of the health surcharge, to below the 'E' of 'HEALTH'.	C1	✓
○	R1/3	Brown	The head of the bird is noticeably much lighter in this stamp, with finer lines of shading of the brown colour and more space between the lines (as if the image transfer from roller to plate was not done deep enough).	D4 to D5	✓

2d+1d Miniature Sheet 7 Map

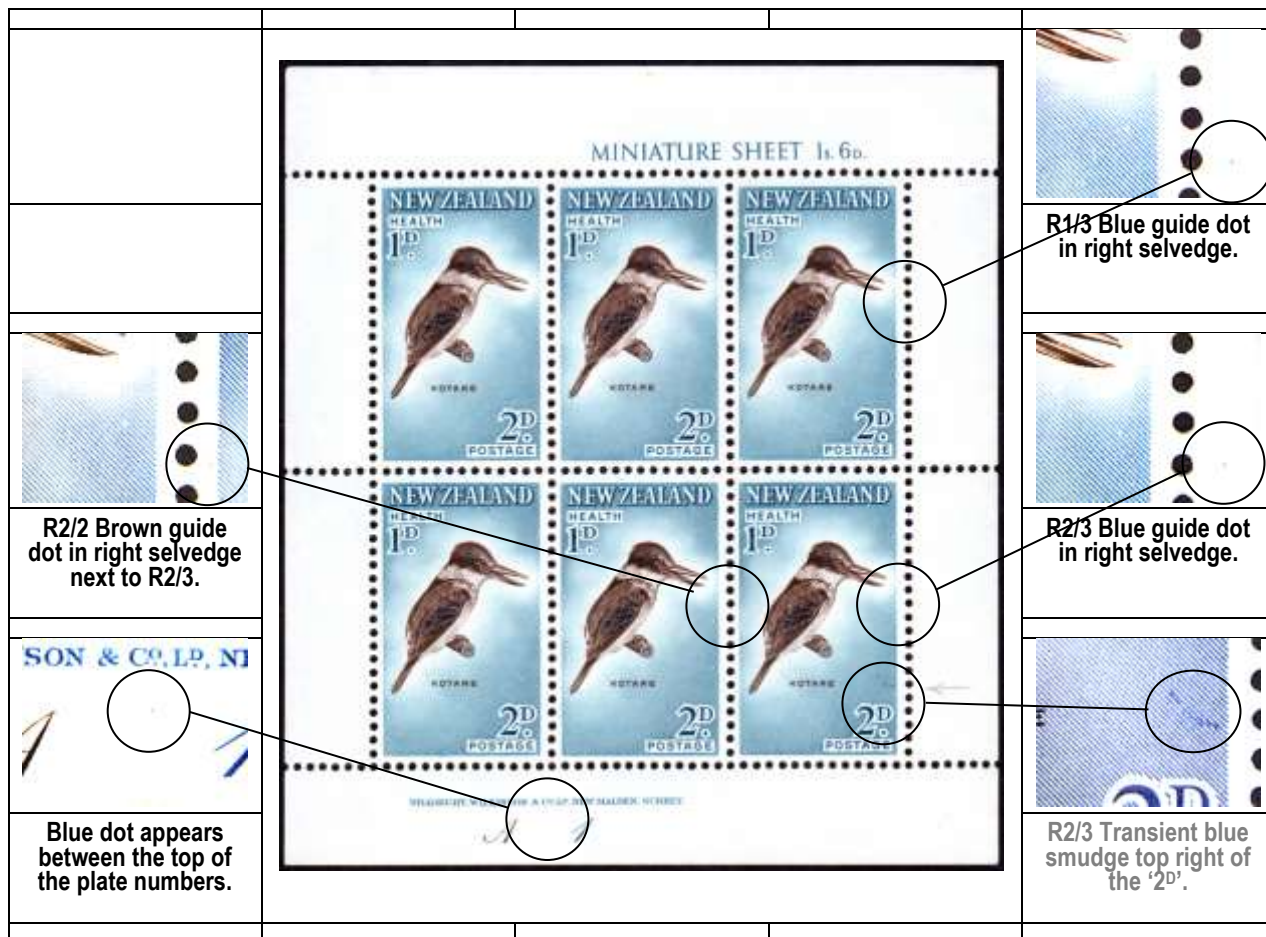
The top of the straight right leg of the 'A' is notably thick, but comes to a point very quickly, along its centre line, rather than along the outside right edge.		The serif of the '1' is thinned, especially towards the top.	
			
The bulb of the curved leg only expands on the right side, as a fist.	The foot of the straight right leg is notched (as in other examples) and pointed left.		

Two faint blue scratches appear diagonally above the right side of the stamp at row 1/1, at 8mm and 10mm above the top of the stamp respectively.	A faint blue spot is seen 7mm above the 'T' of 'MINIATURE' alongside a short blue line.	The normal blue spot is seen above 'MINIATURE SHEET'.	
			
			
Very faint marginal blue scratch 2mm below the 'A', as if it was underlined.		The normal blue spot appears between the tops of the 'A1' plate numbers.	A vertical blue line runs downwards from below the 'E' of 'POSTAGE' to the bottom edge of the sheet. CP says that this variety exists below stamp 6 (i.e., row 2/3), but no line is seen there.

2d+1d Miniature Sheet 8

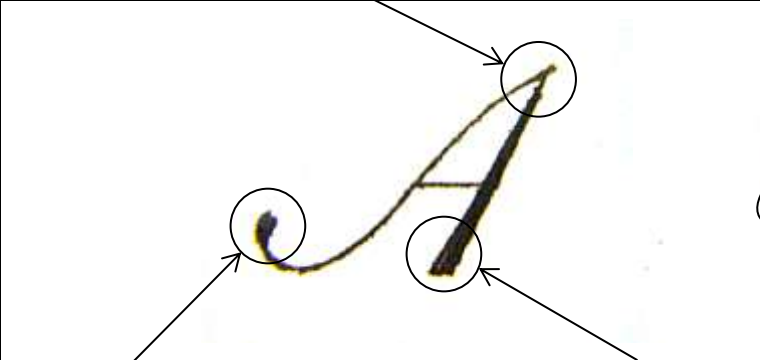
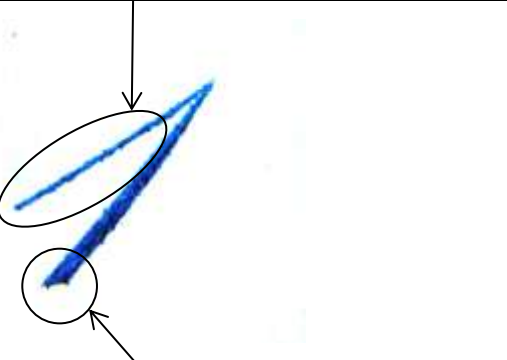
The CP description of this sheet is an accurate summary. Indeed there is a diagonal blue line above 'MALDEN', not quite eye visible, but the best on this sheet, still requiring a magnifying glass to see it. The best variety is that seen at the top of the 'A' plate number, where the curved left leg extends beyond the top of the right leg, bending the sharp point at top. Additionally, the long serif of the '1' is straight, where it usually curves on other miniature sheets.

CP Description: Blue line above 'MALDEN'.
Curved line of 'A' extends at top.

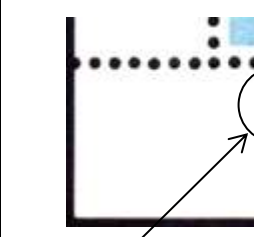
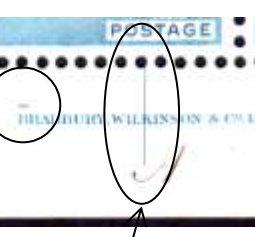
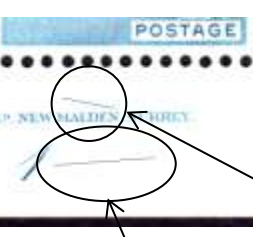
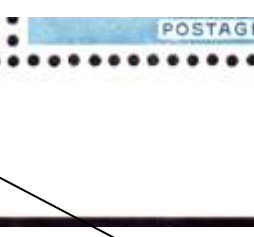
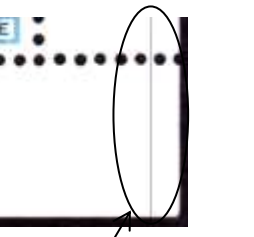


○	R1/3	Blue	Blue guide dot prominently in the right selvedge 3.5mm right from the centre of the right edge of the stamp.	G8	✓
○	R2/2	Brown	A brown dot guide dot is seen at far right of the margin between R2/2 and R2/3. This guide is faint and in some examples will be cut off by the vertical perforations.	G8	✓
○	R2/3	Blue	Blue guide dot in the right selvedge at centre.	G8	✓
○	R2/3	Blue	Transient. There is a curved blue smudge affects the diagonal blue lines of shading top right of the '2d'.	J7	✓

2d+1d Miniature Sheet 8 Map

The top of the straight right leg comes to a sharp point, with the curved leg continuing passed the right leg extending to the top right.		The serif of the '1' is straight, others curve upwards towards the end.	
			
There is a notch at the top of the bulbous end of the curved left leg with its sides relatively square. The neck of the bulb is thinned.	The lower end of the straight right leg is straight and does not flare out.	The foot of the '1' is concave and does not extend either side.	

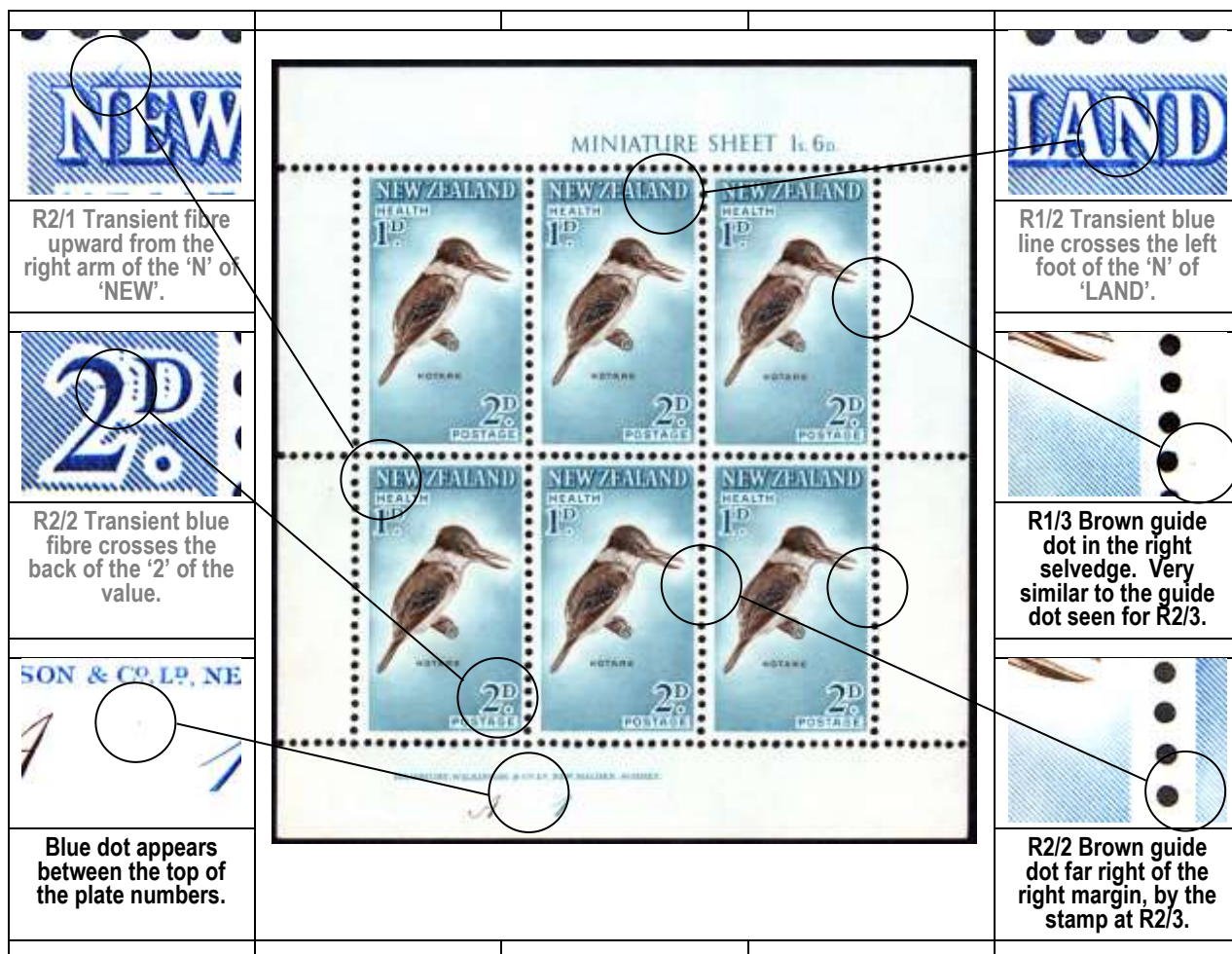
	Two faint blue scratches appear above the left side of the stamp at row 1/2, 11mm from the top of the stamp, close to the top edge of the miniature sheet.	Very long near vertical scratch through the length of the sheet, close to the right edge of the sheet. It becomes even finer at the base and barely visible.
		

				
Very faint blue line above but close to the letters 'BR'.	Vertical fine blue line from 'S' of 'POSTAGE' on R2/1, through the K' of 'WILKINSON' ending just above the 'A' plate number.	Very fine blue scratch right of the middle of the '1' plate number.	The diagonal blue line above 'MALDEN' is thick yet fuzzy, and quite pronounced.	End of the long near vertical scratch down the right side of the sheet.

2d+1d Miniature Sheet 9

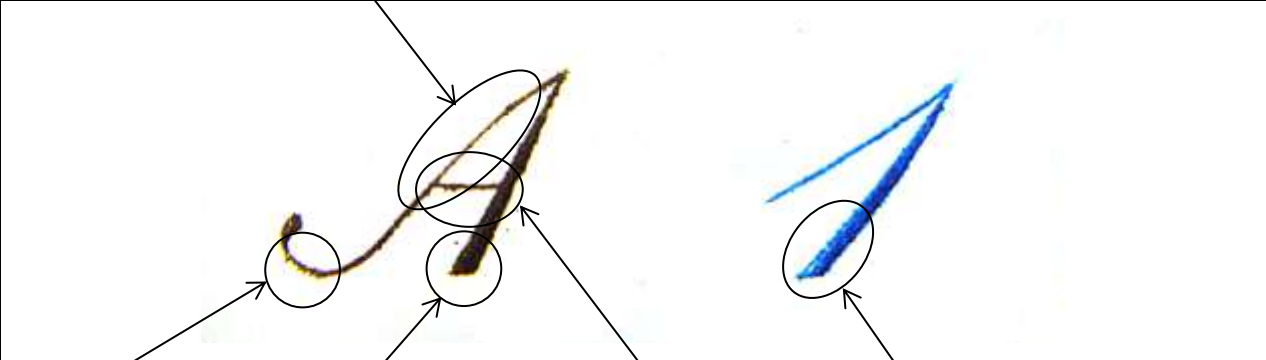
Whilst the CP description highlights the short line under 'L^D' of the imprint, there are others that are equally visible, if not more prominent. There are many lines in this area and if one is to be chosen to represent this miniature sheet, it should be the one that appears top right of the 'A' plate number as it is more pronounced and is in a good place for it to be recognised. The author can see the difficulty here in that there is no one variety that can truly represent this miniature sheet, none that is bold enough or unique enough to readily identify it, not even the 'A1' plate numbers. Yet the sheet is not without merit.

CP Description: Very fine blue line under 'L^D' of the imprint.
The 'A' is well formed and even.

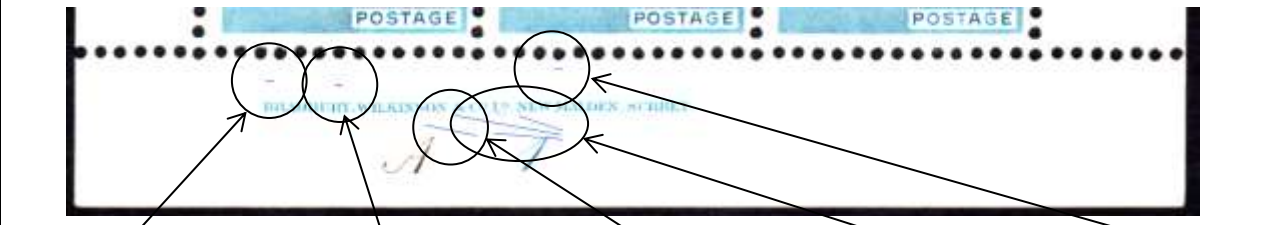
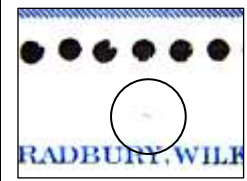
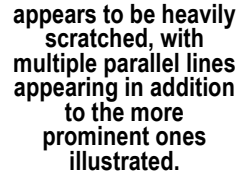
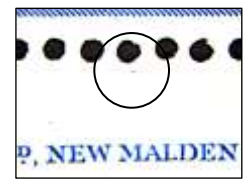


○	R1/2	Blue	Transient scratch through the left leg of the 'N' of 'LAND' bridging the white area between.	A6	✓
○	R1/3	Brown	Brown guide dot is seen in the right selvage, close to the vertical perforations.	G8	✓
○	R2/1	Blue	Transient blue fibre from the top of the right leg of the 'N' of 'NEW' and into the top margin.	A1	✓
○	R2/1	Blue	Transient blue fibre that crosses the neck of the '2' level with the middle of the 'D' of the value.	K6 to K7	✓
○	R2/2	Brown	Faint brown guide dot appears in the right margin close to the centre of the left edge of the stamp at row 2/3.	G8	✓
○	R2/3	Brown	Similar brown guide dot in the right selvage as row 1/3,	G8	

2d+1d Miniature Sheet 9 Map

	The leading edge of the left leg of the 'A' is thin along its top half.			
				
The lower curve of the left leg is somewhat ragged.	The foot of the straight right leg appears to narrow at the base.	The horizontal bar of the 'A' is thinner at the left.	Prominent white spine seen at the foot of the '1'.	

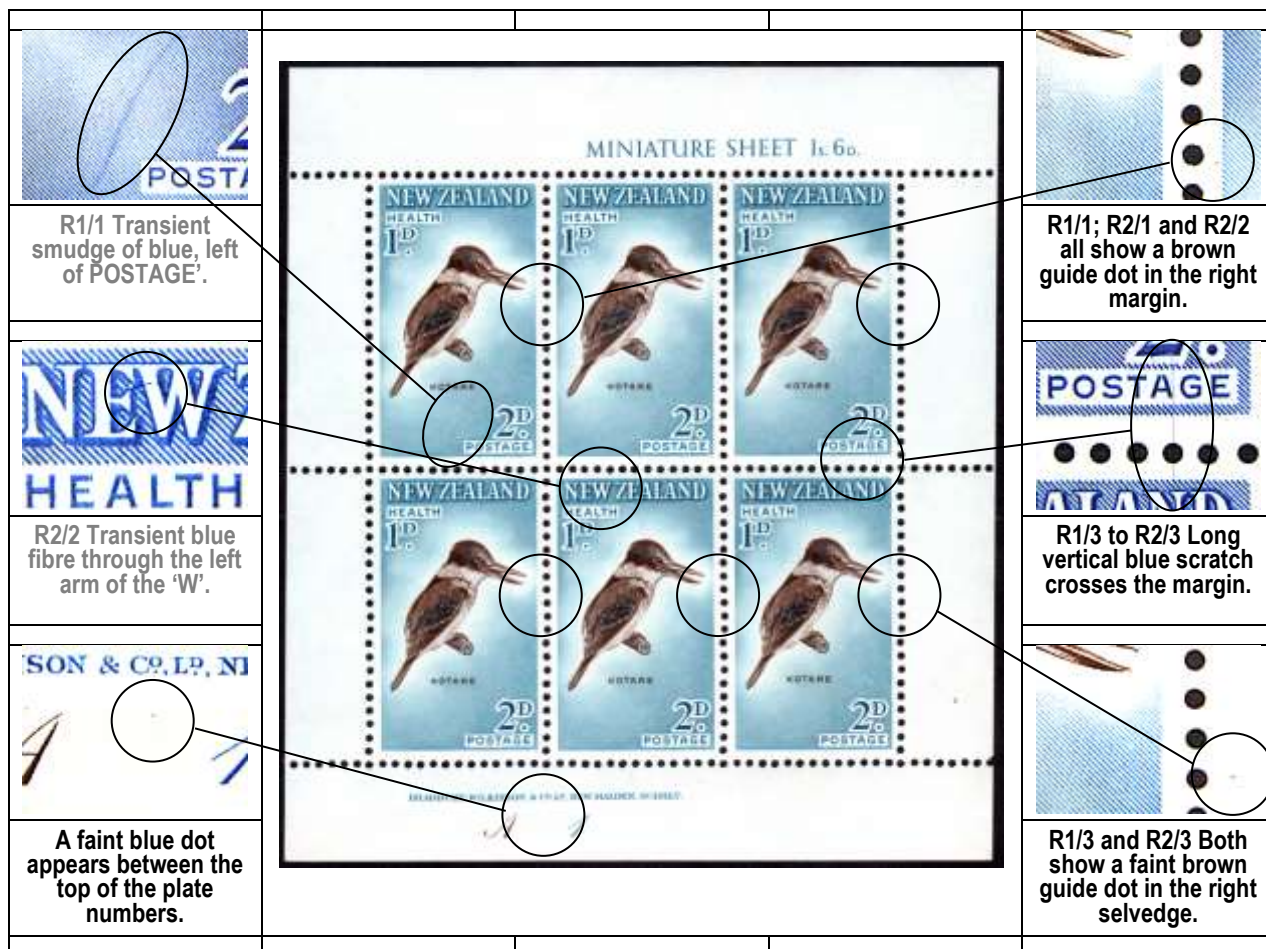
There are no extraneous lines nor scratches appearing in the top selvage.				
				

				
Short blue line appears above the 'B' of 'BRAD'	The short blue line above 'RY' of 'BRADBURY' is more prominent than others.	A diagonal blue line appears across the top of the 'A' plate number, coming close to the constant spot.	Series of very fine scratches above and around the top of the '1' plate number. The whole area here appears to be heavily scratched, with multiple parallel lines appearing in addition to the more prominent ones illustrated.	Thin blue scratch above the 'M' of 'MALDEN' close to the horizontal perfs.
				

2d+1d Miniature Sheet 10

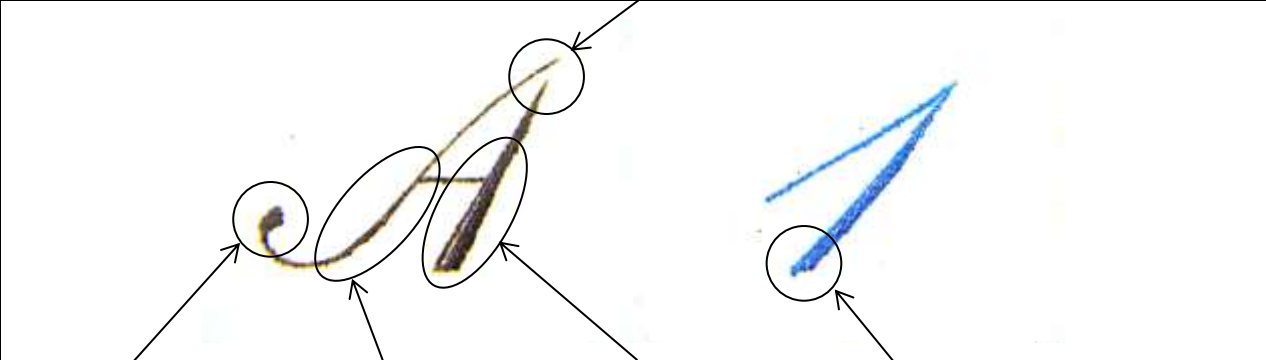
To identify this stamp look no further than the 'A' plate number, where a large gap is seen at the apex of the letter with the straight right leg being way short of reaching it.

CP Description: Very open top of 'A'.

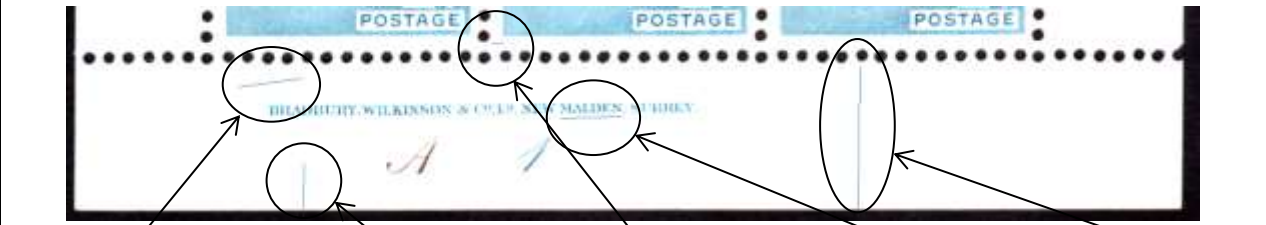


○	R1/1	Brown	A faint brown guide dot is seen in the right margin at centre, close to the stamp at row 1/2.	G8	
○	R1/1	Blue	Transient smudge of blue across the background diagonally from the foot of the stamp, left of the 'P' of 'POSTAGE', upward to the right, to finish just below the 'E' of 'KOTARE'.	L4-J5	✓
○	R1/3	Brown	Faint brown guide dot in the right selvage at centre.	G8	✓
○	R1/3 to R2/3	Blue	Long vertical blue line from the foot of the '2' of the value, progressing through the lower margin, to finish at the top of the right arm of the 'N' of 'LAND' at the stamp at row 2/3.	L6 to A6	✓
○	R2/1	Brown	A prominent brown guide dot is seen in the right margin at centre, close to the stamp at row 2/2.	G8	✓
○	R2/2	Brown	A prominent brown guide dot is seen in the right margin at centre, close to the stamp at row 2/3.	G8	
○	R2/2	Blue	Transient blue fibre crosses the left arm of the 'W' of 'NEW' that commences on the right of the 'E'.	A2	✓
○	R2/3	Brown	Faint brown guide dot in the right selvage at centre.	G8	

2d+1d Miniature Sheet 10 Map

The straight right leg of the 'A' is triangular, but falls way short of reaching the pointed top of the curved left leg, leaving a large gap, the largest seen in this stamp issue.				
				
The bulb at the end of the left leg is almost triangular.	The lower curve of the left leg is thick in comparison to the top half.	There is a distinctive white backbone to the straight right leg of the 'A'.	The foot of the '1' is narrow, with a small spur downwards at the left end.	

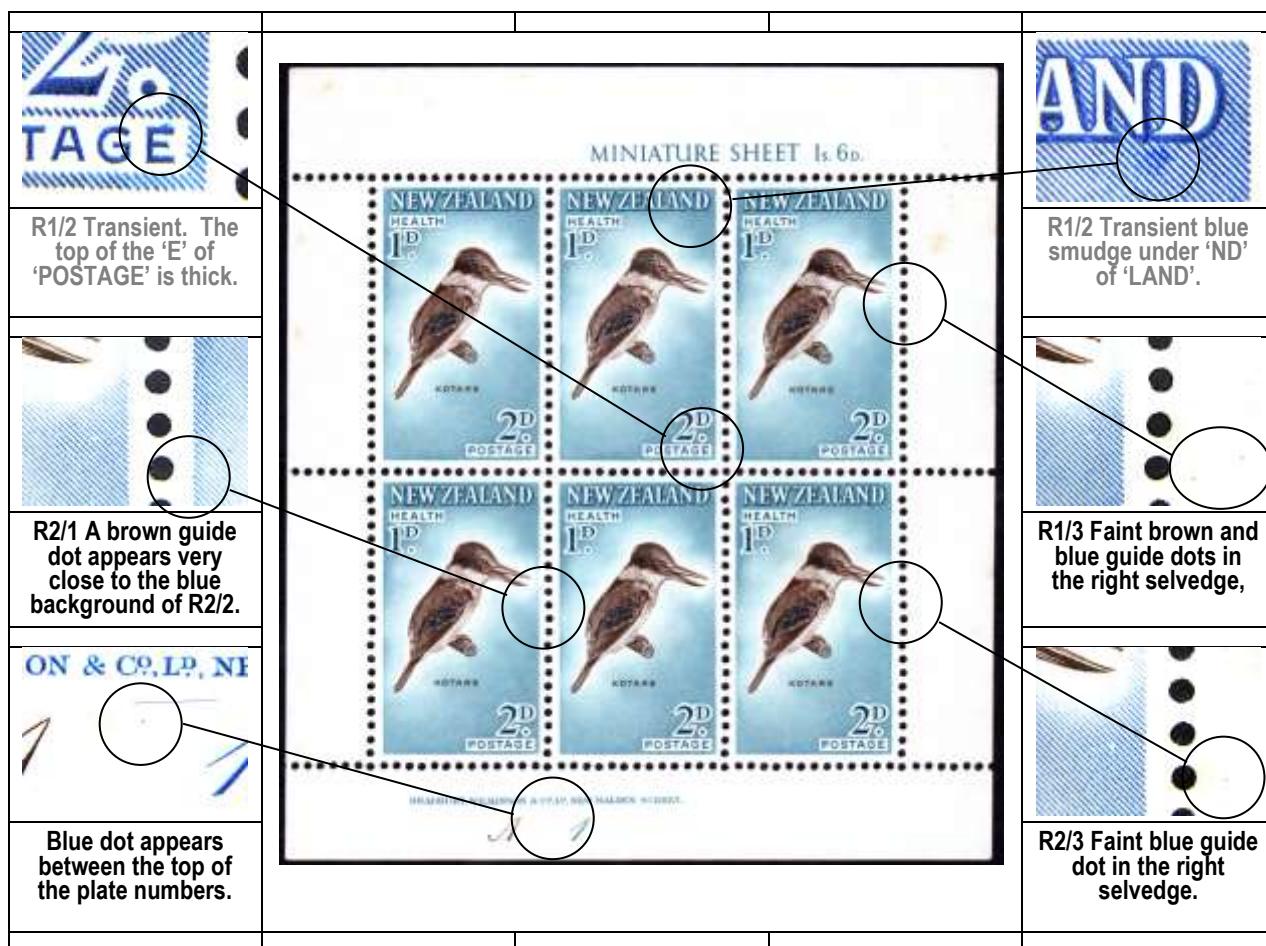
Two faint blue scratches appear in the top selvage 5mm above the gutter between R1/1 and R1/2, the lower scratch is horizontal; the upper diagonal.	Very faint horizontal line in blue close to the foot of the 'IA' of 'MINIATURE'.	Faint blue horizontal line bottom left of the '1' of '1s'.	
			

				
Near horizontal blue scratch top left of 'BRAD'.	Start of a vertical blue scratch, that extends into miniature sheet 14.	Short blue line in the bottom left margin of the stamp at row 2/2.	The blue scratch underlines 'MALDEN' appearing 0.5mm below the letters.	Long but fine blue scratch vertically through the lower selvage into miniature sheet 14.

2d+1d Miniature Sheet 11

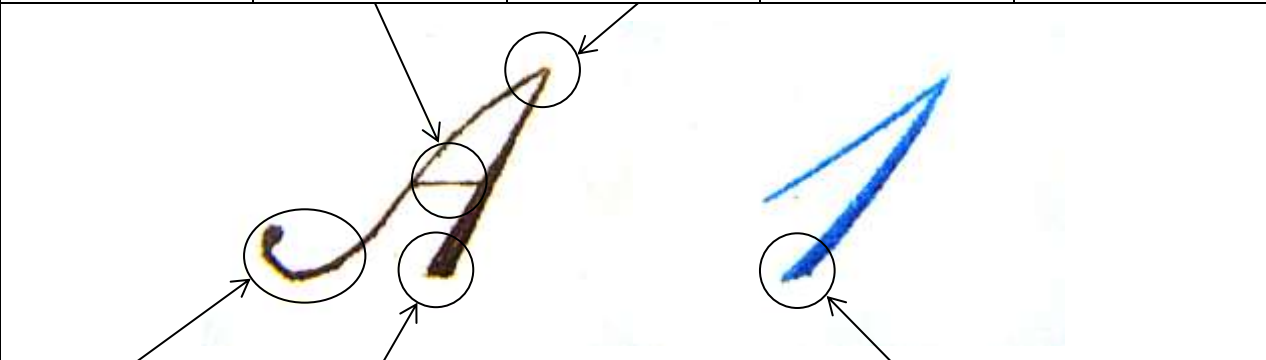
Whilst the CP description of this stamp appears to be inaccurate with the vertical scratch mention not being found, there is little to replace it. Perhaps the horizontal blue scratch just left of the blue spot in the plate numbers 'A1' is placed well, and does not require such high power magnification to see it, perhaps is a contender to represent this stamp. We have to resort to the 'A' plate number, where the lower curve is excessively thick and a little out of proportion to the rest of the letter.

CP Description: A very faint blue line stretches upward from the 'R' of 'MINIATURE'.

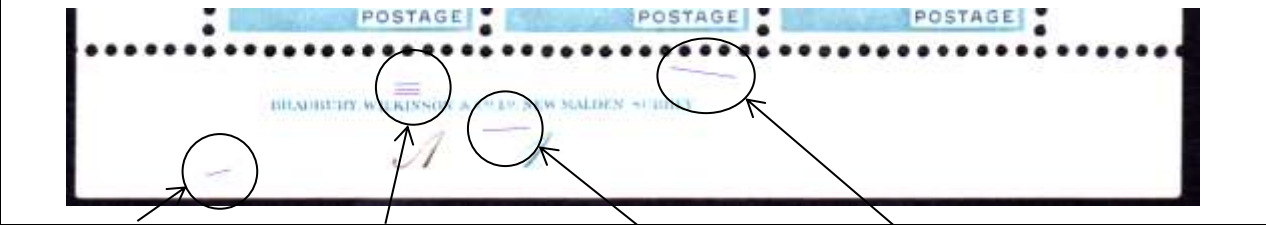


○	R1/2	Blue	Transient. The top arm of the 'E' of 'POSTAGE' is thick with excess blue ink.	L7	✓
○	R1/2	Blue	Transient blue smudge of the diagonal lines of shading below the 'ND' of 'LAND'. Here there is excess ink appears between the blue diagonal lines 0.5mm below the letters.	B6-B7	✓
○	R1/3	Brown and Blue	Faint brown and blue guide dots are seen in the right selvedge alongside the centre of the stamp.	G8	✓
○	R2/1	Brown	A brown guide dot is seen in the right margin of this stamp, very close to the left edge of row 2/2, close to being hidden by the blue background of that stamp.	G8	✓
○	R2/3	Blue	Blue guide dot is seen in the right selvedge right of the stamp at row 2/3. There is no brown guide dot seen here.	G8	✓

2d+1d Miniature Sheet 11 Map

		The horizontal bar of the 'A' is thinned at its centre.	The top of the 'A' is blunt, with the tops of each side only just meeting, almost a gap forming.	
				
The bulb at the end of the curved leg is small, in comparison to the thickness of the curve holding it.	The left end of the foot is cut short, losing its point.		Definite foot to the base of the '1'. The toe is blunt, and a heel is evident.	

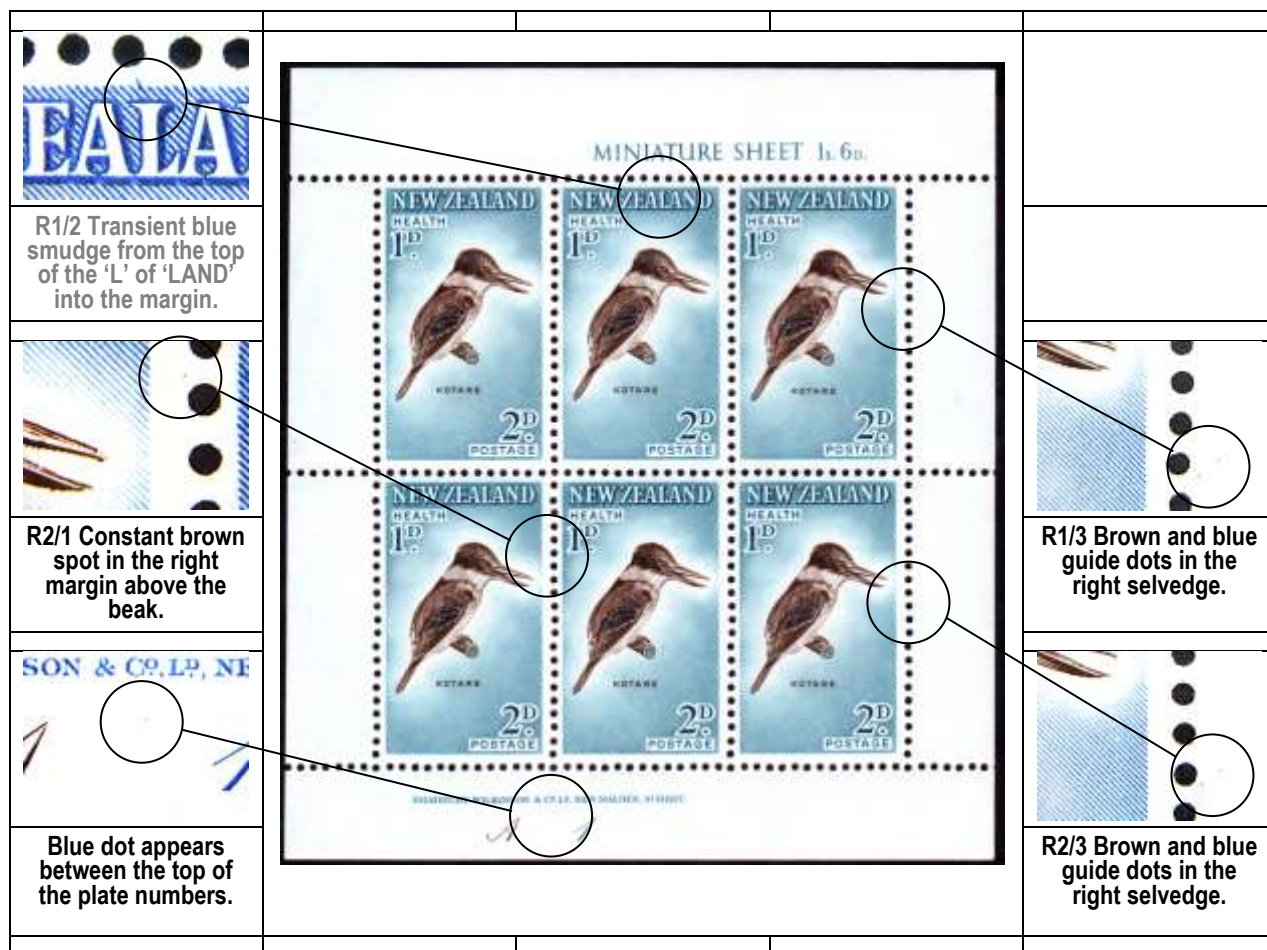
		Very faint blue scratch, just visible 2mm top left of 'MINIATURE'.	A more prominent blue scratch appears 1.5mm above the 'TUR' of 'MINIATURE'.	
				

				
Very fine blue line way below the left edge of the stamp at row 2/1, just 1mm above the lower edge of the sheet.	A series of 3 or 4 short horizontal lines runs 1mm above the letters 'KIN' of 'WILKINSON'. These are faint and their ends unclear.	A more prominent blue scratch is seen top right of the constant blue spot between the 'A1' plate numbers.	Faint diagonal blue line below the 'STAGE' of the stamp at row 2/2.	

2d+1d Miniature Sheet 12

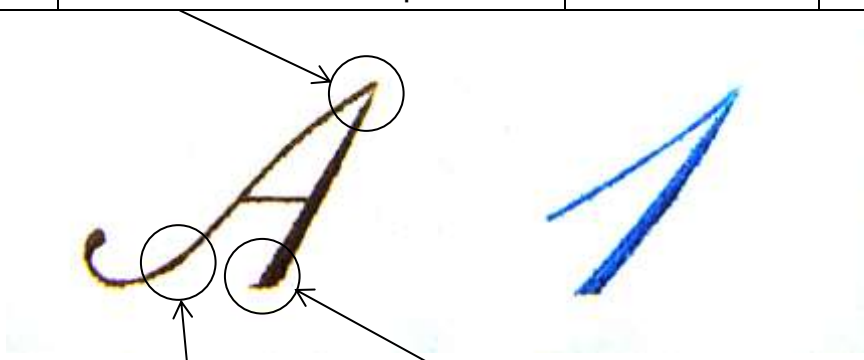
To identify this miniature sheet, look no further than the imprint in the lower selvage. Even without magnification, the extraneous near horizontal blue scratch 0.5mm above 'BRADBURY WILKINSON & C^O, L^D.' should be visible. Under magnification, the Collector will see that it is comprised of several substantial but smaller lines, not completely straight, but leaning towards it. The line above 'C^O, L^D.' is seen to rise slightly at its right end. As said, there is no need for further examination, which is all well and good as otherwise this miniature sheet is quite non-descript.

CP Description: Strong blue scratches above 'BRADBURY WILKINSON'.

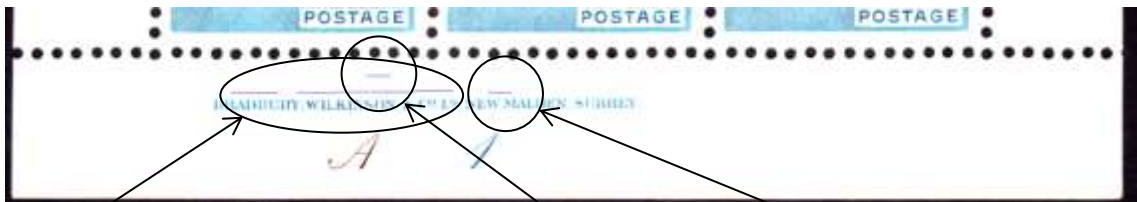
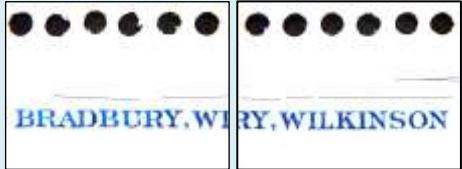


○	R1/2	Blue	Transient smudge of the blue ink from the top of the 'L' of 'LAND' into the top margin. It gives the appearance as an extension to the diagonal line of shading.	-A5	✓
○	R1/3	Brown and Blue	Guide dots to both colours appear in the right selvage alongside the middle of the right edge of the stamp. The brown dot is closest to the right edge of row 1/3, with the blue dot 1mm top right of this.	G8	✓
○	R2/1	Brown	There is a constant brown spot seen in the right margin of this stamp, 2mm upwards from the end of the bird's beak, very close to the vertical perfs that may well remove it.	D8	✓
○	R2/3	Brown and Blue	Both coloured guide dots are prominent in the right selvage alongside row 2/3, slightly closer together than in row 1/3.	G8	✓

2d+1d Miniature Sheet 12 Map

	The apex of the 'A' is sharp, with the top of the straight right leg thinning to a fine point as it reaches the top			
				
	The curves of the left leg of the 'A' are thick throughout, but there is a bulge at the centre of the lower arc.	The foot of the straight right leg is pointed on the left; and a bite is missing from the right side		

				Fine blue horizontal line 3.5mm top right of the miniature sheet value.
				

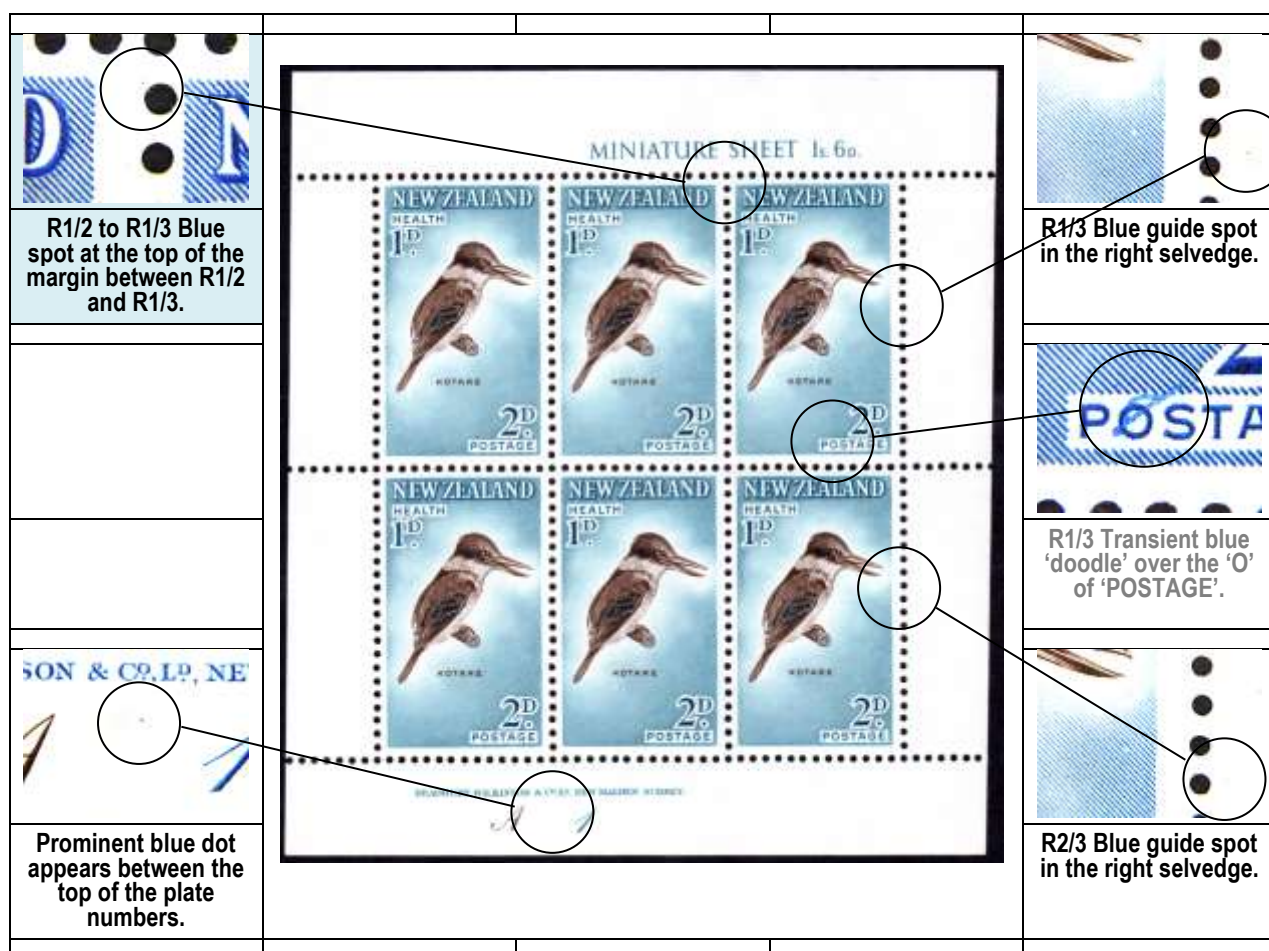
				
There is a prominent scratch in blue, appearing 0.5mm above 'BRADB' and then 'Y, WILKINSON & CO, LD.' These are eye visible.		Additional horizontal blue scratch above the long scratch, above 'SON'.		Short blue scratch as an extension to the longer scratch, appearing above 'W M'.
				

2d+1d Miniature Sheet 13

As CP suggests, the diagonal scratch in the top selvage above 'NEW' in the stamp at row 1/1, is prominent but still requires magnification to see it. They have omitted a more prominent scratch in the top selvage that appears close to the top edge, curving downwards over the stamp at row 1/3. This line is brown, is thick at its right end, is eye visible, and is certainly unique.

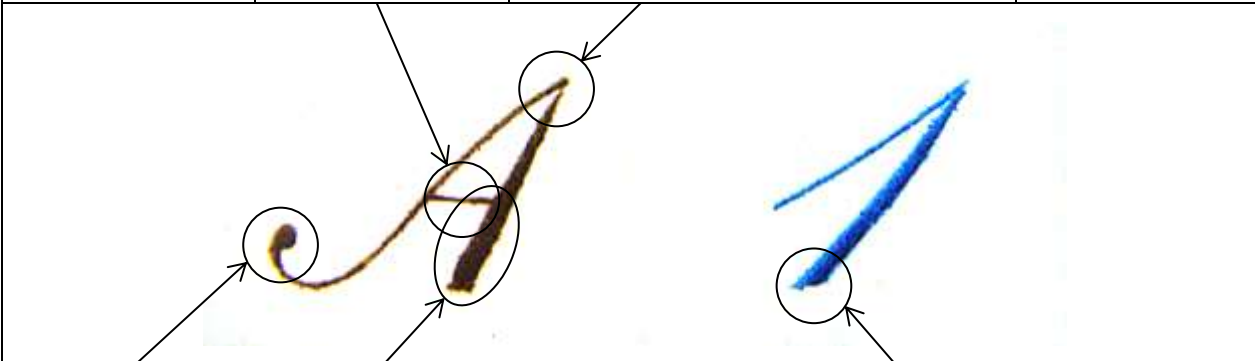
There is an interesting blue spot seen in the top of the margin between stamps at row 1/2 and row 1/3. It is only revealed should the perforations be misplaced and fail to cut it out as would otherwise happen. It is not the last time we shall see a spot of this kind. (See sheet 3 of this value; and sheet 11 of the 3d+1d denomination).

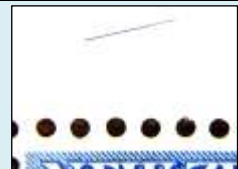
CP Description: A clear, though thin, diagonal scratch in blue, well above 'NEW' on stamp 1 [R1/1].

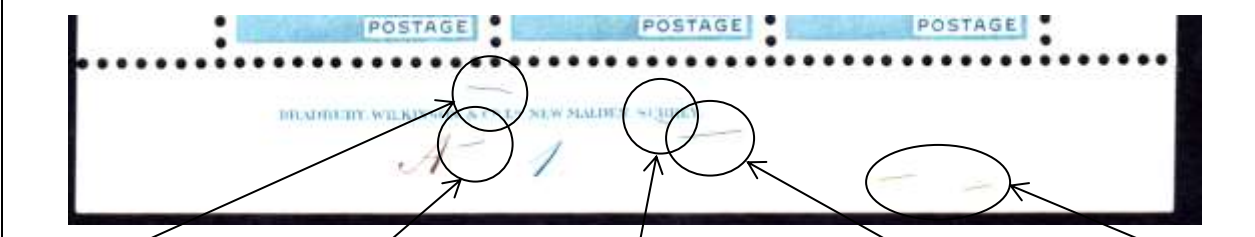


○	R1/2, R1/3	Blue	Tiny blue spot appears at the top of the margin between the stamps at row 1/2 and row 1/3. This spot is constant and only seen when the perforations are misplaced enough to reveal it, and is normally punched away. This is also seen on sheet 3.	A8+	✓
○	R1/3	Blue	The blue guide dot appears in the right selvage alongside the middle of the right edge of the stamp.	G8	✓
○	R1/3	Blue	Transient erratic blue 'doodle' over the 'O' of 'POSTAGE', as if drawn by hand using a biro.	L M5	✓
○	R2/3	Blue	The blue guide dot appears in the right selvage alongside the middle of the right edge of the stamp closer to the vertical perfs than in row 1/3.	G8	✓

2d+1d Miniature Sheet 13 Map

	The horizontal bar of the 'A' is thick, but is thinned at its centre.	The top of the straight right leg comes to a sharp point; whereas the normally thinner curved left leg is thick throughout, even at the apex where its end is rounded.	
			
The bulb is quite prominent, with the end of the curve below being very thick.	The straight right leg of the 'A' is thick, but narrows at the foot, where there are indents on the left side that narrows it.	The foot of the '1' slants upwards from a sharp point on the left.	

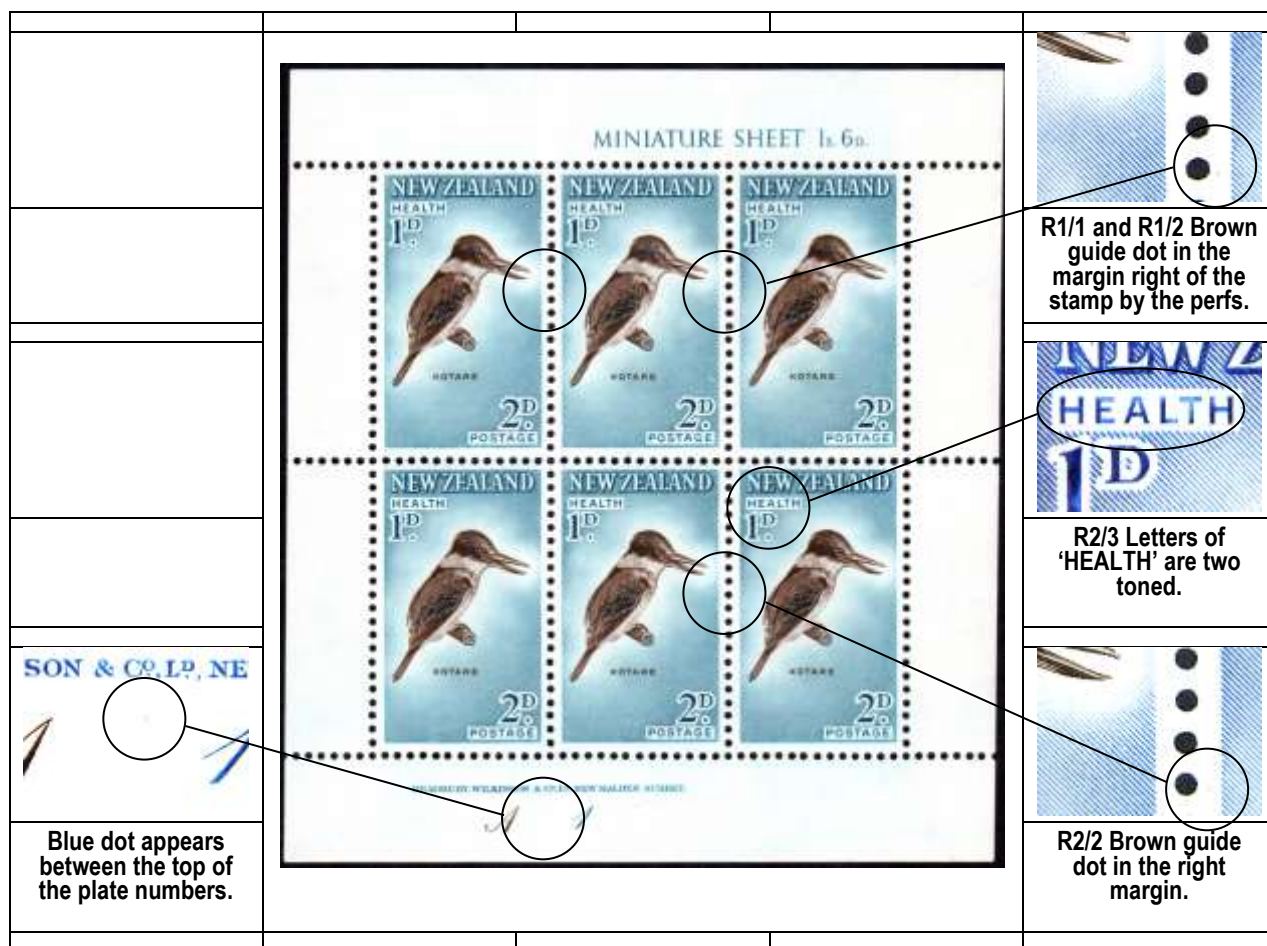
 A prominent 5mm long diagonal blue scratch appears 5mm above 'NEW' on stamp at R1/1.	A further prominent diagonal blue scratch appears 9mm above 'ALA'.	There is a fine, faint blue scratch running through the 'E' into the top selvage.	A short blue scratch precedes the sheet value.	 Extensive curved brown line appears close to the top edge of the stamp, above R1/3.
				

 A thin, curved blue line, broken in places, appears over 'C', 'L', 'D'.	Very faint blue scratch level with the constant blue spot between the plate numbers.	A prominent blue scratch runs for 1mm under the 'U' of 'SURREY' and to the right.	Thin blue scratch 5mm in length runs slightly upwards from 1mm below the 'EY' of 'SURREY'.	Two thin brown lines appear 10.5mm and 12.5mm below the stamp at row 2/3.
				

2d+1d Miniature Sheet 14

The variety that Campbell Paterson describes is similar to the same variety as seen in miniature sheet 8, where the curved left leg of the 'A' continues passed the top of the straight right leg. These varieties are so similar, but to differentiate them, look to the bulb at the end of the curved left leg, if small, it is sheet 8, if large then it is this one, sheet 14. Look for scratches in the lower selvage to confirm.

CP Description: The curved line of the 'A' contacts the straight line but continues on to an appreciable overlap.



○	R1/1	Brown	Brown guide dot in the right margin, close to the centre of the left edge of row 1/2. This is close to the vertical perforations.	G8	
○	R1/2	Brown	Brown guide dot in the right margin, as R1/1.	G8	✓
○	R1/3, R2/3	Brown, Blue	There are no guide dots seen in the right selvage for either of the stamps at row 1/3 and row 2/3. However brown guide dots are seen for the other 4 stamps bar that at row 2/1.	G8	
○	R2/2	Brown	Brown guide dot in the right margin, as R1/1.	G8	✓
○	R2/3	Blue	The arms and legs of the letters of 'HEALTH' are two colours, dark and light blue. This spread of shading is seen on many other examples and takes varying forms. There is a similar, if lesser, effect seen in the word 'POSTAGE' at the foot of the stamp.	B1-B3	✓

2d+1d Miniature Sheet 14 Map

	The straight right arm of the 'A' comes to a point quickly. The curved left leg continues passed this point, into a rounded end right of the end of the right leg.	The top of the right leg of the '1' narrows before it meets the serif.	
The bulb at the end of the curved leg is wide and pear shaped. The top is flat.	The foot of the straight right leg has an indent just above the base on the left side.		The foot of the '1' is concave and the white spine upwards through the leg is quite visible close to the right edge.

Fine blue scratch runs vertically through the top selvage into the 'Z' of 'ZEAL'.	Horizontal blue line 2mm above the 'IN' of 'MINIATURE'.	A faint blue scratch underlines the letter 'IA' and 'U' of 'MINIATURE'.	There is a further vertical blue scratch through the top selvage, also ending at the 'Z' of 'ZEAL'.	A blue scratch underlines the 'EET' of 'SHEET', and parts of the value.

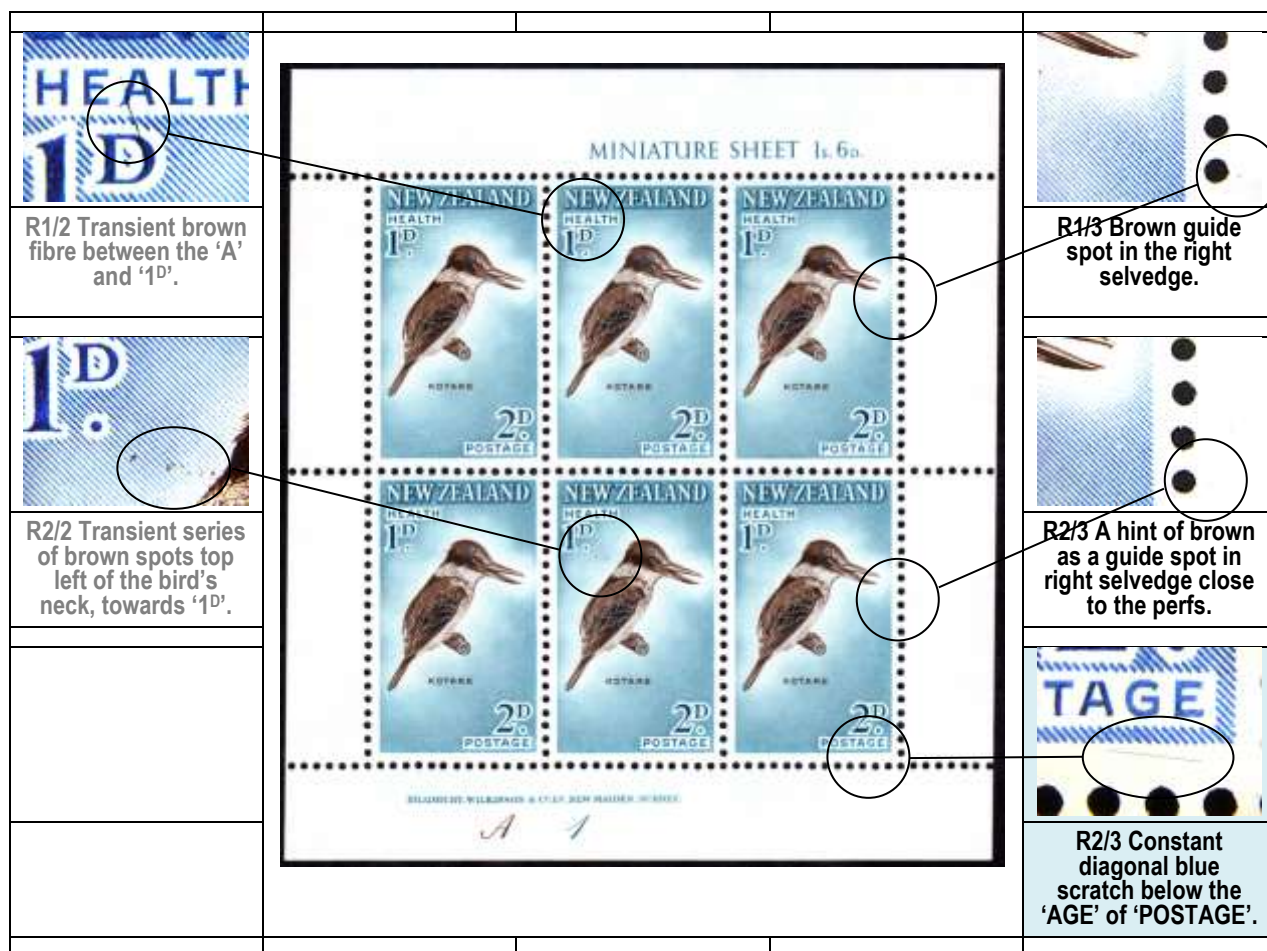
There are many faint blue scratches affecting the area around 'BRAD', where some of the scratches cross.		Fuzzy blue patch below the 'RR' of 'SURREY'.		Fine vertical blue line runs through the lower selvage, from the 'GE' of 'POSTAGE' on the stamp at row 2/3.

2d+1d Miniature Sheet 15

All elements of the 'A' plate number are thick as if it is over-inked, yet the left and right legs barely meet at the top where there is a hint of a gap, seen only under magnification.

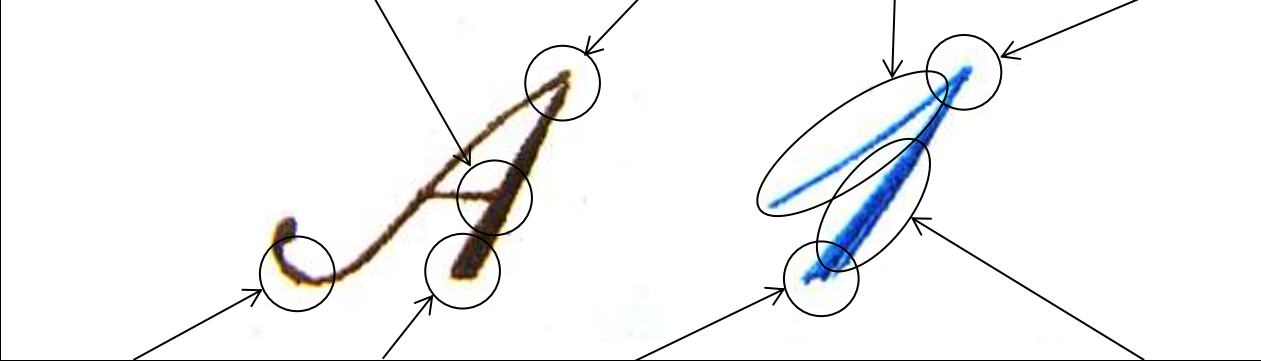
Also, look to the stamp at row 2/3 where there is a short diagonal blue scratch. It is relatively easy to see because of its position between the lower edge of the stamp and the horizontal perforations, that underlines the 'AGE' of 'POSTAGE'. Note also, the identification by CP that mentions a blue scratch left of the 'B' of 'BRADBURY'. This is one scratch amongst many in this area and is not unique to this miniature sheet.

CP Description: Faint blue scratch to the left from the top serif of the 'B' of 'BRADBURY'.



○	R1/2	Brown	Transient brown fibre attached between the 'A' of 'HEATH' and the 'D' of the health surcharge.	B2-C2	✓
○	R1/3	Brown	Brown guide spot seen in the right selvedge, right of the centre of the right edge of the stamp.	G8	✓
○	R2/2	Brown	Transient series of brown spots or smudges seen diagonally between the full stop of '1D' and the back of the bird's neck.	D2-D3	✓
○	R2/3	Brown	There is just a hint of the brown guide spot seen close to the perfs in the right selvedge.	G8	✓
○	R2/3	Blue	Diagonal blue scratch in the lower margin on the right side of the stamp below 'AGE' of 'POSTAGE'. This appears close to the horizontal perforations and on some examples may be cut into by them. This line is constant and relatively visible.	M6-M7	✓
○	Imprint	Blue	There is no tiny blue spot seen between the tops of the 'A1' plate numbers.	-	

2d+1d Miniature Sheet 15 Map

	The right end of the horizontal bar of the 'A' is thick and spreads to meet the right leg.	The top of left and right legs barely meets with the hint of a gap between them.	Pronounced curve to the serif of the '1'.	The apex of the '1' is blunt.
				
	The lower arc of the curved left leg is thick as if reinforced.	The foot of the straight right leg is blunt.	The foot is tapered and concave as if hollowed out.	The straight leg of the '1' is very thick and has a pronounced white backbone on the right side.

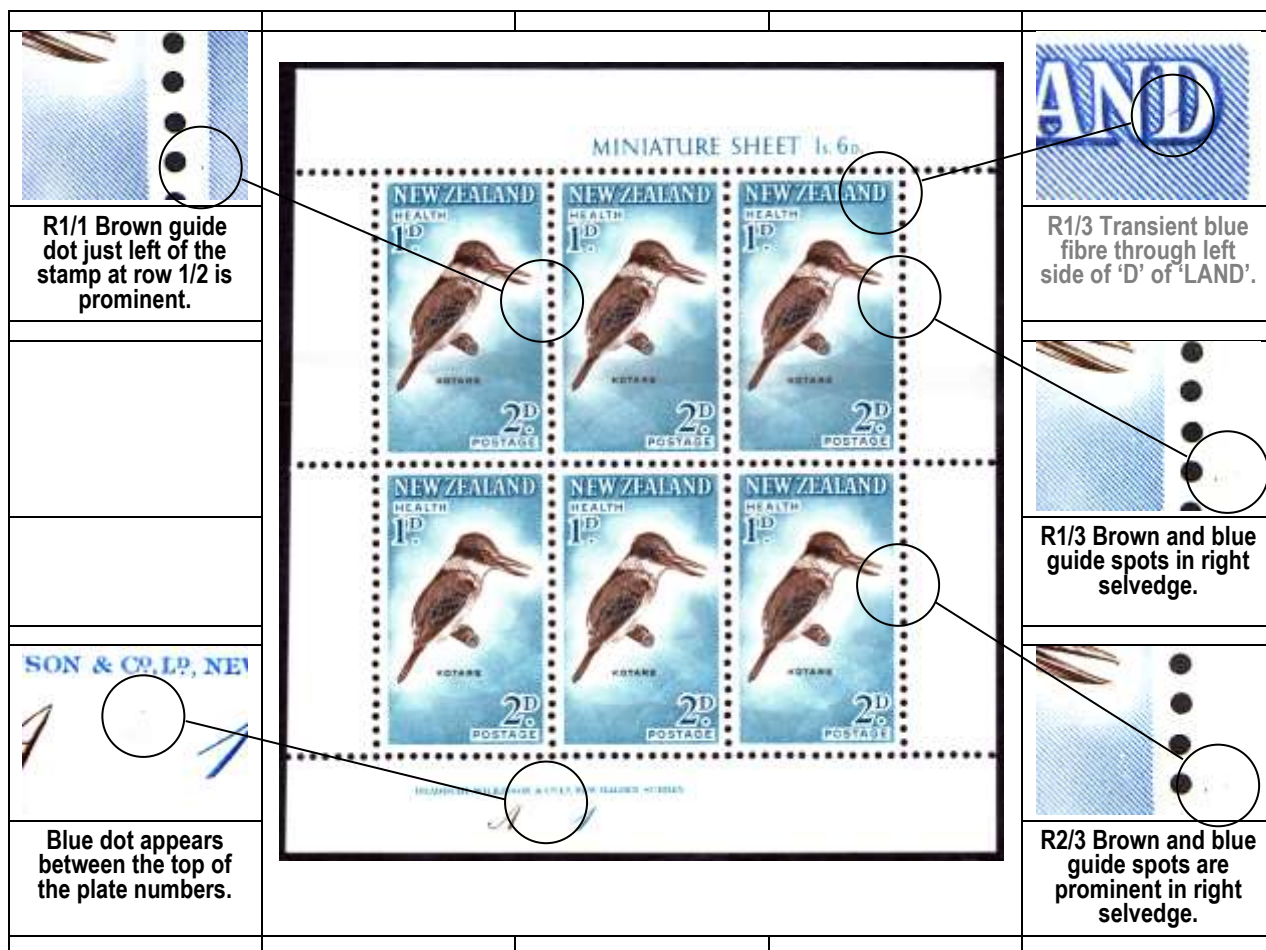
		Almost horizontal thin blue scratches below the 'INI' and 'U' of 'MINIATURE'.	Further thin blue line in the top selvage 13mm above the 'T' and ending above the '6'.	A thin blue scratch underlines the miniature sheet value.
				

				
There is a series of blue scratches appearing left of the imprint. The most prominent of these is the long blue scratch left of the top of the 'B' of 'BRAD' as mentioned by CP.	Short horizontal blue line 0.75mm above the 'N' of 'WILKINSON'.			Thin blue line seen in the lower margin of the stamp at row 2/3.
				

2d+1d Miniature Sheet 16

The author can understand why CP have chosen to identify this stamp by means of the two scratches that cross bottom left of the 'B' of 'BRADBURY', as there is little else by which to quickly identify this stamp. Here, there is a faint vertical line running through the lower selvedge that crosses a short, but more prominent, horizontal blue line. It is this latter horizontal line that is important, as it is quite visible and will draw the eye to it. Couple this with the scratches that appear under 'MINIATURE' in the top selvedge, that are also quite visible, and jointly these are good candidates to represent this sheet.

CP Description: Two blue lines cross low and to the left of 'BRADBURY', the vertical line is weak.



○	R1/1	Brown	The brown guide for row 1/1 is prominent and appears just left of the middle of the left edge of the stamp at row 1/2.	G8	✓
○	R1/3	Brown and Blue	Both guide dots are quite visible in the right selvedge, right of the centre of the right edge of the stamp.	G8	✓
○	R1/3	Blue	Transient wavy line through the left side of the 'D' of 'LAND'.	A7	✓
○	R2/3	Brown and Blue	The two guide dots in the right selvedge are both quite prominent. The brown dot is large.	G8	✓

2d+1d Miniature Sheet 16 Map

		The top of the straight right leg narrows quickly and is bent slightly left to meet the left leg.		The top of the straight leg of the '1' is thicker than most, yet still appears to twist before reaching the top.
The bulb at the end of the curved leg is oval and attached by a narrow neck.	The lower curve of the left leg is thick.	The foot of the right leg narrows and there is a hint of a white spine upwards.	The foot of the '1' is concave.	

	There are two thin blue lines, quite visible, close to the foot of the letters 'NIA' and 'UR' of 'MINIATURE' as if underlining them. They are similar to the lines seen on sheet 15.		There are two very faint horizontal lines that join the top of the 'T' of 'SHEET' to the '1' of the value; and between the '1' and the '6' of the value.	

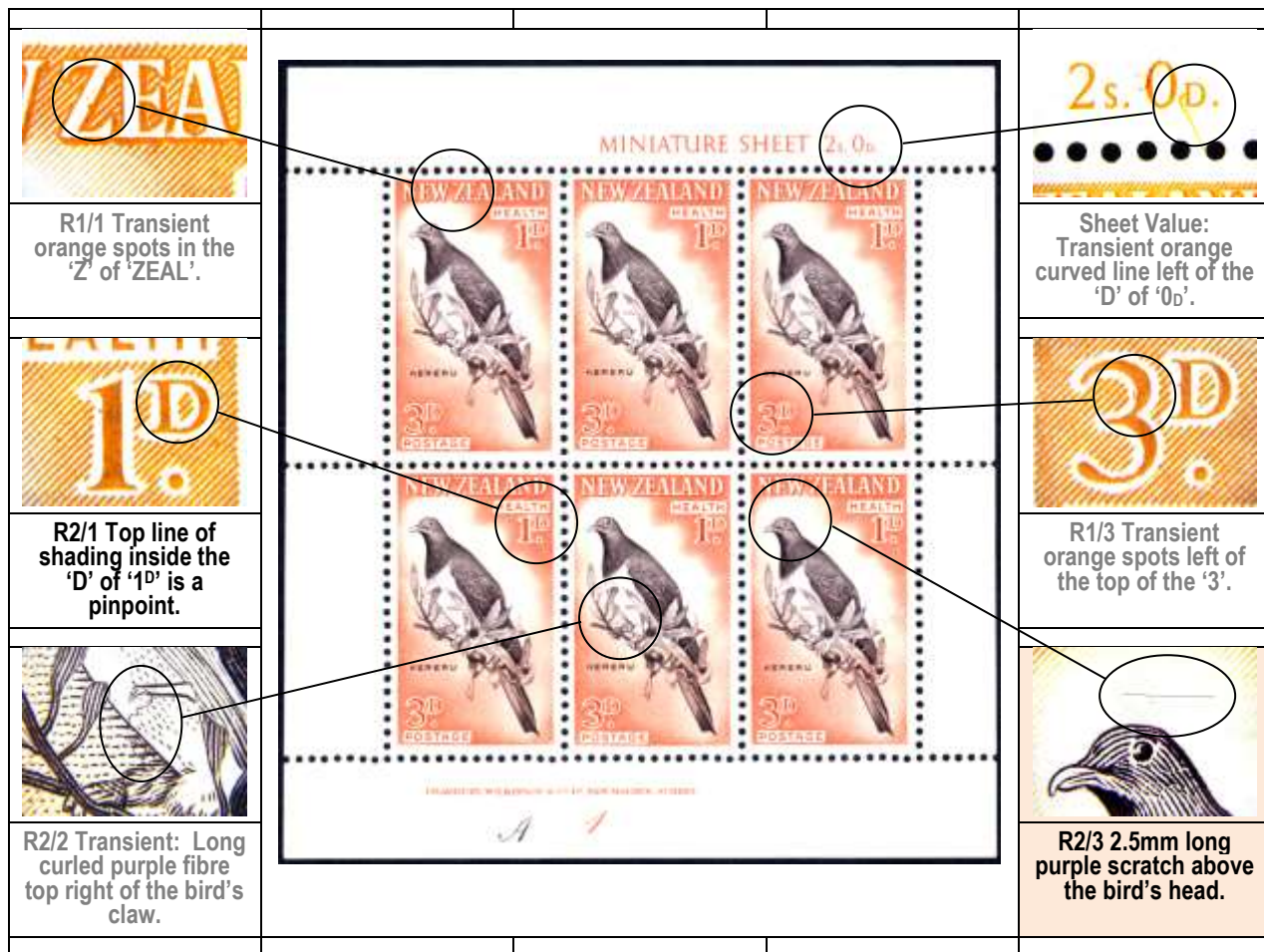
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There is a horizontal and a vertical line both in blue that cross bottom left of 'BRAD'. The short horizontal line is more prominent than the vertical.	Shorter vertical blue line that travels through the 'D' of 'BRAD' and is faint.	There is a smudged blue line 1mm above the 'BUR' of 'BRADBURY'.	There is a short, faint horizontal blue line below the right end of the stamp at row 2/2, below the horizontal perfs and sometime cut off by them.	There are multiple near horizontal blue scratches as a group below the stamp at row 2/3. These are faint, yet constant.

3d+1d Miniature Sheet 1

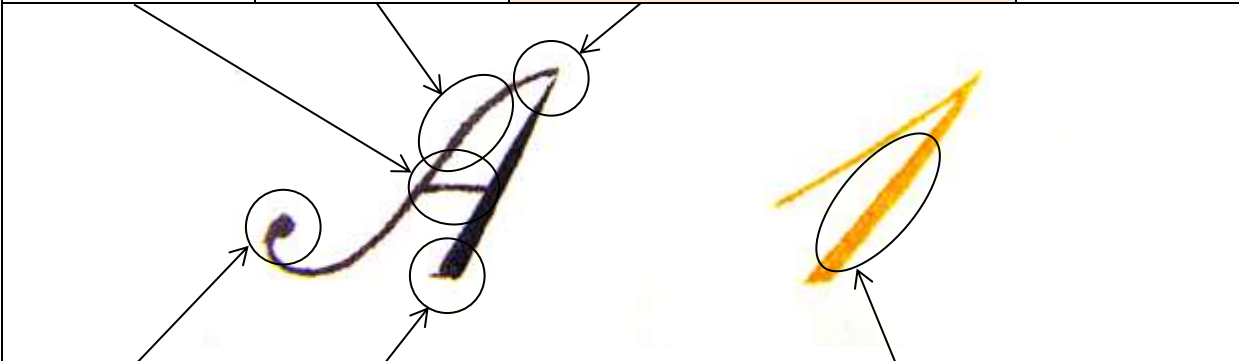
There are few constant varieties to be seen on this stamp. The most significant is the short horizontal purple scratch that appears just above the bird's head on the stamp at row 2/3. It is a pity that this is so weak that it may be difficult to locate. CP suggests looking at the top of the 'A' plate number where there is a gap seen between the left and right sides that meet there. The straight left leg is short and comes to a point just before a potential meeting with the left leg that is thick. This is more visible, but still requires magnification.

CP Description: 'A' has bifurcated top [split into two branches].



○	Right selvedge	Orange and Purple	There are no guide dots seen in the right selvedge of this miniature sheet.	G8	
○	MS	Orange	Transient. There is a long tail from the left side of the 'D' of '0d' in the sheet value that quickly turns towards the 'D' of 'LAND' on the stamp at row 1/3. There are also three orange spots to the left of the '0'.	-	✓
○	R1/1	Orange	Transient orange spots seen in the middle of the 'Z'; of 'ZEAL' at the centre of the white inner diagonal.	A3	✓
○	R1/3	Orange	Transient orange spots left of the inner curve in the top half of the '3' of the value.	K1/2	✓
○	R2/1	Orange	The top line of shading within the 'D' of '1d' is but a mere spot, a pinpoint, where normally there is a prominent spot. This may even be missing on some examples.	C7	✓
○	R2/2	Purple	Transient purple fibre across the left side of the bird's body above the claw on the left. This is a long fibre that is rolled in circles below the body before becoming more prominent as it crosses the bird.	F3-G3	✓
○	R2/3	Purple	There is a horizontal scratch in the lighter background 1mm above the bird's head. It is 2.5mm in length but is very faint.	B2-B3	✓

3d+1d Miniature Sheet 1 Map

The horizontal bar of the 'A' appears to bend upwards at its centre.	The top half of the curved left leg is very thick.	The top of the straight right leg of the 'A' comes to a point quickly and does not quite meet the top of the curved left leg.	
			
The bulb at the end of the left leg is rounded and in the shape of a fist.	The foot of the straight right leg narrows at lower left and comes to a spur.		There is a white spine to the straight right leg of the '1' towards the left side.

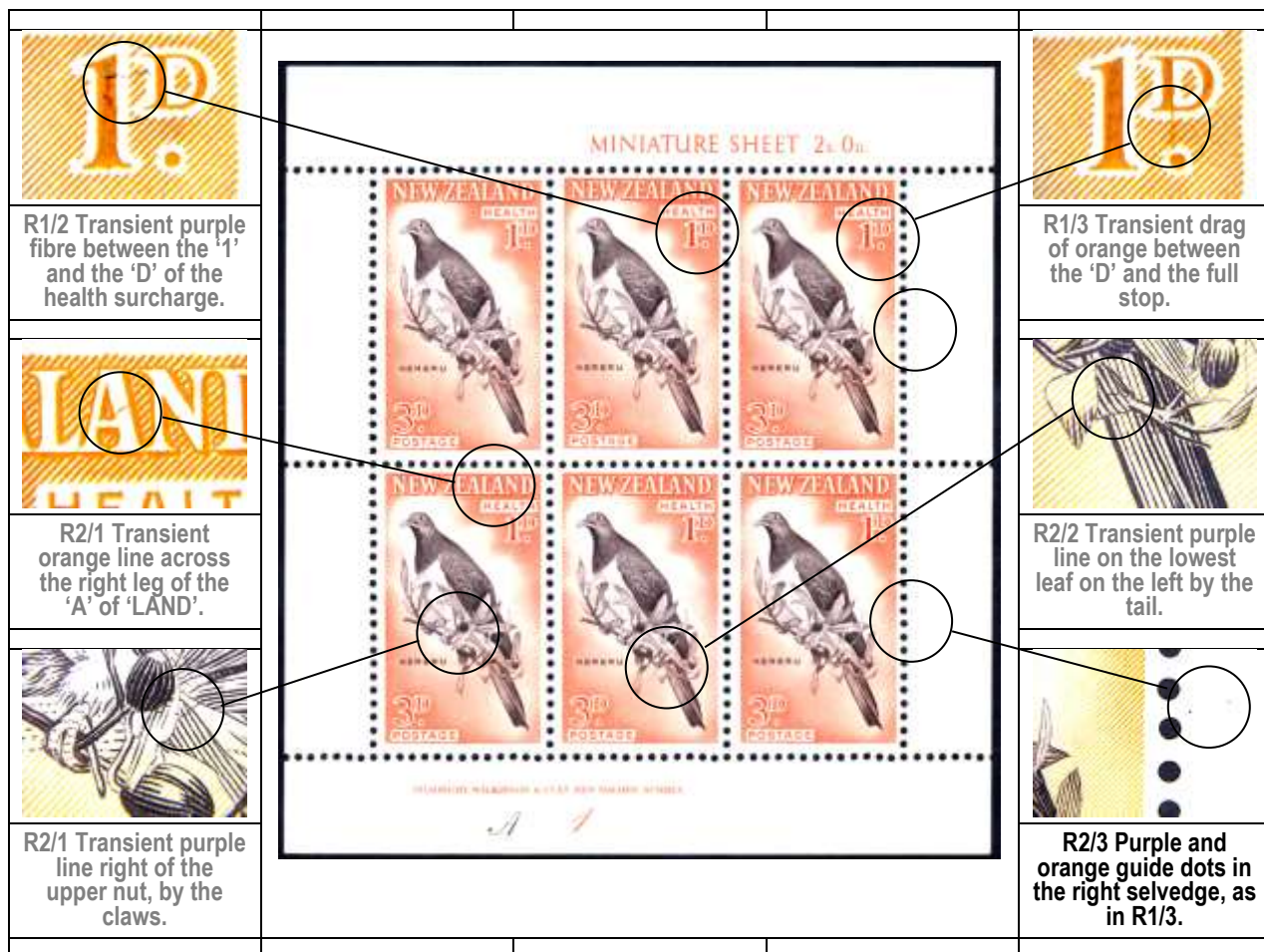
There are no extraneous lines nor scratches appearing in the top selvage.			
			

There are no extraneous lines nor scratches appearing in the lower selvage.	There is no colour spot between the tops of the plate numbers (as seen in the 2d+1d sheets).		
			

3d+1d Miniature Sheet 2

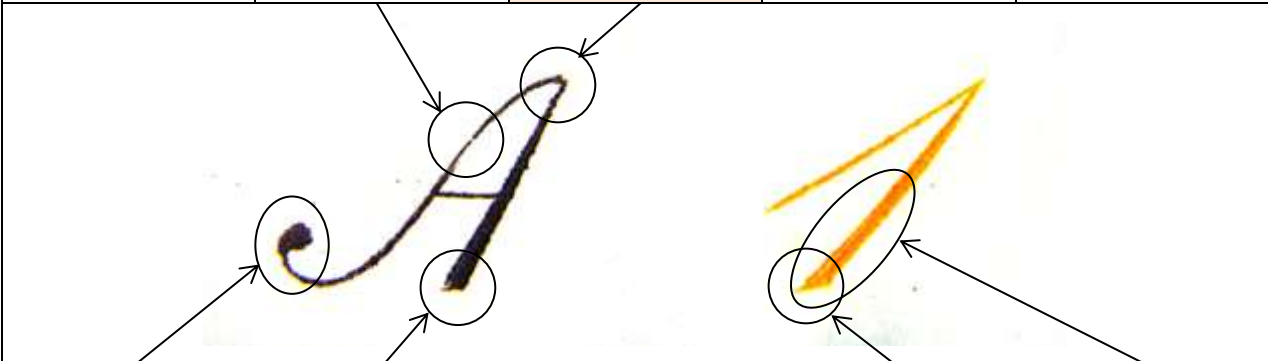
The author has seven copies of this miniature sheet but cannot locate the faint purple line mentioned by CP. There are however, two purple scratches below 'SURREY' further to the right of the sheet but these are faint. To identify this stamp look to the 'A' plate number where the bulb at the end of the curved left leg is the largest seen in this issue, strong and rounded, but held on by a tiny neck. Also the left leg of this plate number curves the most at the top, perhaps matched only by that from sheet 7.

CP Description: Faint horizontal line in purple near 'A', above the blob and curve of the left leg.



○	R1/2	Purple	Transient purple fibre crossing between the top of the '1' and 'D' of the health surcharge.	C6-C7	✓
○	R1/3	Orange and Purple	Orange guide dot appears in the right selvedge opposite the centre of the right edge of the stamp at row 1/3. A purple spot may be present, but it can only be seen under great magnification.	G8	
○	R1/3	Orange	Transient drag of the orange colour between the upright of the 'D' of '1D' and its full stop just below.	C7	✓
○	R2/1	Orange	Transient orange wavy line through the middle of the left leg of the 'A' of 'LAND'. This may be a loose fibre.	A6	✓
○	R2/1	Purple	Transient wavy purple line just right of the upper nut, by the bird's claw on the right, across the body and stem of the leaf.	H4-H5	✓
○	R2/2	Purple	Transient short purple line on the lowest leaf on the left, against the bird's tail, running from the stem across the underside of the shaded part of the leaf.	I J 5 6	✓
○	R2/3	Orange and Purple	Both orange and purple guide dots are visible in the right selvedge. Purple at 2mm right of the edge of the stamp; orange at 3mm.	G8	✓

3d+1d Miniature Sheet 2 Map

	The centre of the upper curve of the left leg is thinned, almost breaking.	The apex of the 'A' is rounded, the ends of both legs visible yet do not merge.		
				
The bulb at the end of the curved left leg is thick, held onto the leg by a narrow neck.	The foot of the straight right leg is narrowed, broken at the bottom left corner.		The foot of the '1' is pointed on the left side.	There is a yellow spine running close to the left edge of the '1'.

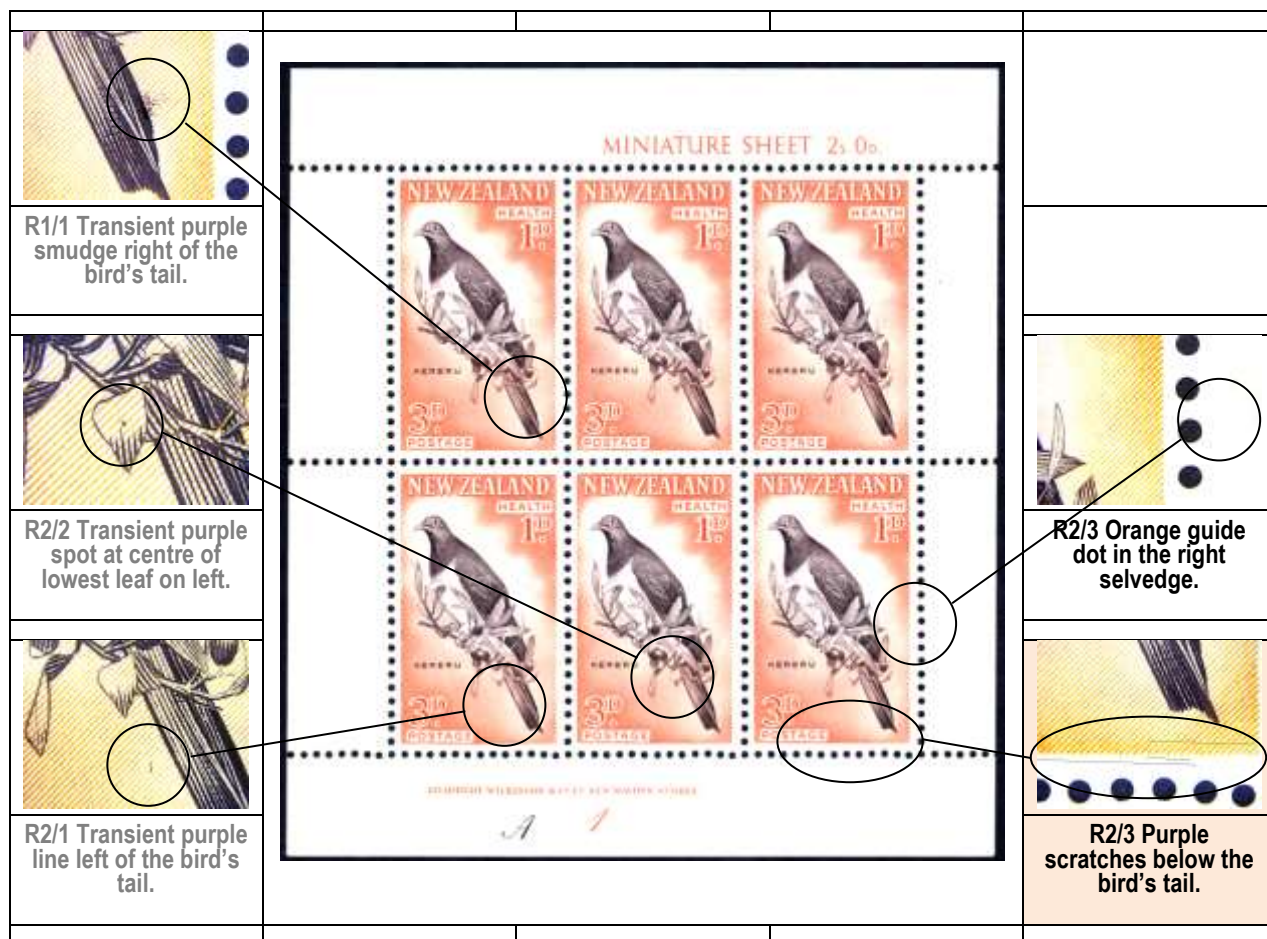
There are no extraneous lines nor scratches appearing in the top selvage.				
				

				
		Fine purple scratches below the 'N, SUR' and 'EY' of the printer address, 2mm and 3mm below the imprint.		

3d+1d Miniature Sheet 3

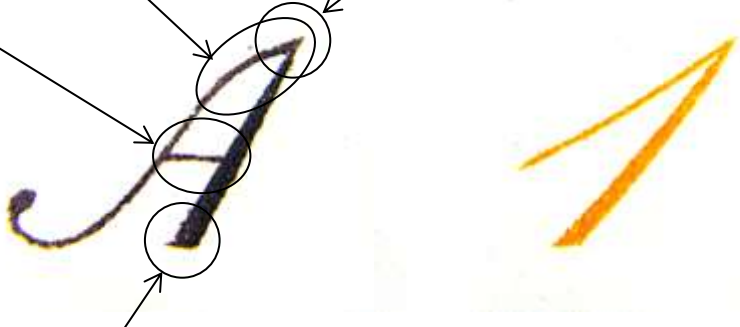
The top of the 'A' plate number is thick, where the curved left leg expands to join the top of the straight right leg for about 0.25mm. The apex also comes to a very sharp point. This form is like no other miniature sheet and can be recognised very easily just by looking to the top of the 'A'. As CP suggests, the stamp at row 2/3 has a prominent purple scratch just below the bird's tail in the orange shading. Below this, there are two other scratches, one short, the other almost the width of the stamp. Given the centring of the orange colour, these lower two lines may lie within or just below the design.

CP Description: Purple horizontal scratches below the tail of stamp 6 [row 2/3].



○	R1/1	Purple	Transient smudge of the purple colour into the background, from the right edge of the bird's tail.	K7	✓
○	R2/1	Purple	Transient short purple line in the background, 1mm left of the left side of the bird's tail.	K5 6	✓
○	R2/2	Purple	Transient purple spot at the centre of the lowest leaf, just left of the bird's tail.	I J5	✓
○	R2/3	Orange	The orange guide dot is prominent in the right selvage. There is just a hint of purple where it is expected a purple guide may be, but this is not consistent across examples seen. There are no guide dots seen for the stamp at row 1/3.	G8	✓
○	R2/3	Purple	A long purple scratch appears in the lower margin starting below the 'S' of 'POSTAGE', becoming faint below the 'GE', before becoming quite visible on reaching the left end of the bird's tail. There are shorter horizontal scratches between this and the bird's tail, on the border or within the design of the stamp.	M6-M7; L6;-L8	✓

3d+1d Miniature Sheet 3 Map

The horizontal bar of the 'A' curves at the centre.	The upper curve of the curved left leg becomes very thick.	The apex of the 'A' is very sharp, and thick, like no other miniature sheet.		
				
	The foot of the straight right leg slants upwards to the left, to a sharp spur.			

There are no extraneous lines nor scratches appearing in the top selvage.				
				

	Faint diagonal purple scratch between the top of the 'A' and foot of the '1'.		Fine purple scratch through the base of the 'A' plate number, becoming lost (too fine) below the 'T' of 'POSTAGE' on the stamp at row 2/3.	Series of horizontal purple scratches at the foot of the stamp at row 2/3.

3d+1d Miniature Sheet 4

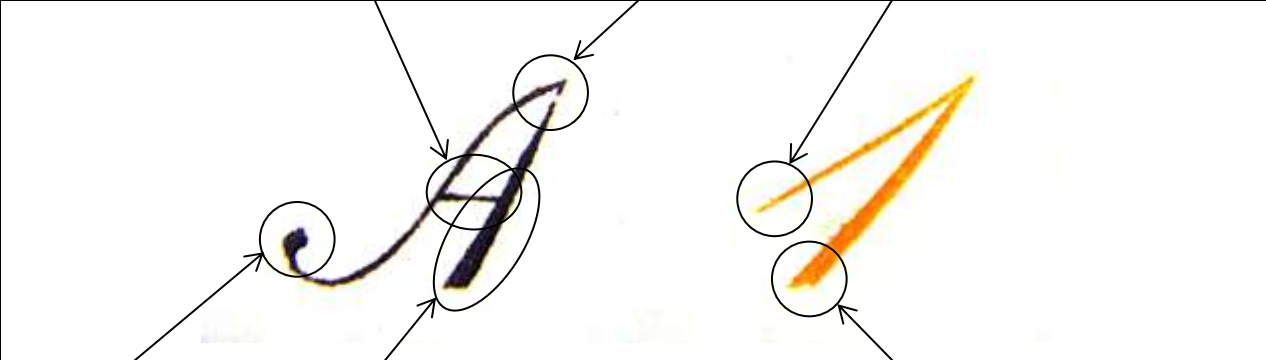
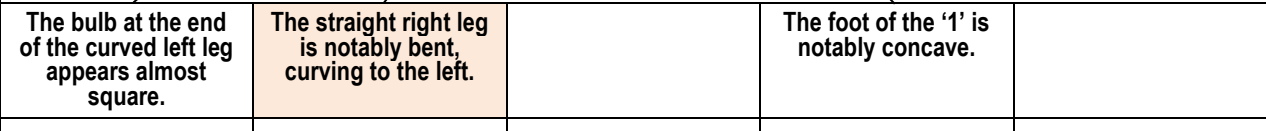
CP points us to look at the 'A' plate number in order to recognise this stamp. The author must reluctantly agree, given that the few other constant varieties are not strong enough to represent this stamp. The collector needs to take care here, as both descriptions used by CP could apply equally to other 'A' plate numbers. In your example, check also that the straight right leg of the 'A' is not straight at all, but has a bias, curving towards the left.

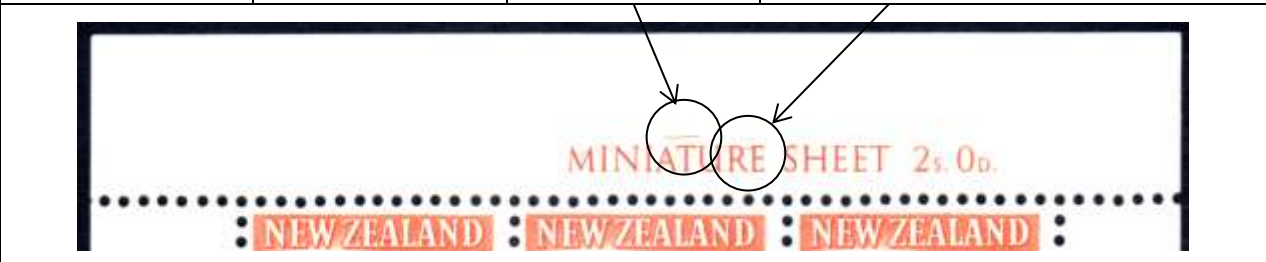
CP Description: The crossbar of the 'A' is slightly humped.
The curved leg is strong at the top, the straight leg becoming weaker.



○	R1/2	Purple	Transient purple fibre attached to the '1' of the health surcharge.	C6	
○	R1/2	Orange	Transient orange smudge 1mm below the right leg of the 'N' of 'NEW' where lines of shading are joined together.	B1	✓
○	R1/3	Purple	Purple guide dot in the right selvage, 2mm from the middle of the right edge of the stamp.	G8	✓
○	R2/2	Purple	Transient purple spot in the orange shaded background just right of the 'E' of 'POSTAGE'.		✓
○	R2/2	Orange	Transient orange spots between the 'H' and 'E' of 'HEALTH'.	B5	✓
○	R2/3	Purple	Purple guide dot in the right selvage, quite visible.	G8	
○	R2/3	Purple	There is a transient purple line 1.5mm in length from the back of the bird's neck, upward into the white background.	B3	✓
○	R2/3	Orange	Transient orange smudge crosses the right leg of the 'A' of 'LAND'.	A6	✓

3d+1d Miniature Sheet 4 Map

	The horizontal bar of the 'A' thins at its centre.	The top of the straight right leg thins well before the apex.	The end of the serif is thin and pointed, losing colour.	
				
The bulb at the end of the curved left leg appears almost square.	The straight right leg is notably bent, curving to the left.		The foot of the '1' is notably concave.	
				

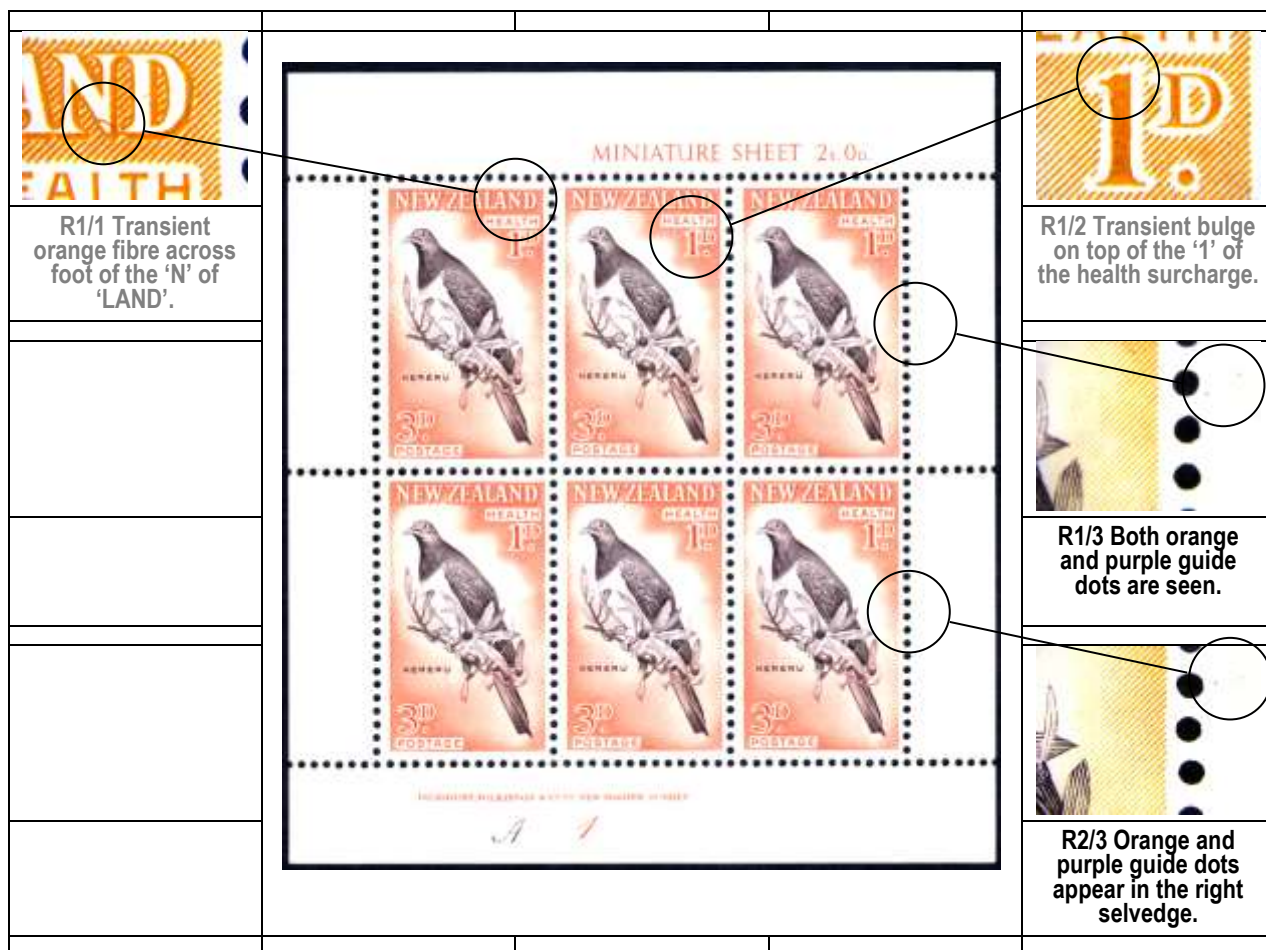
		Horizontal orange line above the 'AT' of 'MINIATURE'.	A short orange line joins the tops of the 'R' and 'E' of 'MINIATURE'.	URE S
				

				
			Faint purple scratch below left side of row 2/3, 7.5mm below 'POSTAGE'.	Likely to be a continuation of the scratch on the left now 6mm below row 2/3.

3d+1d Miniature Sheet 5

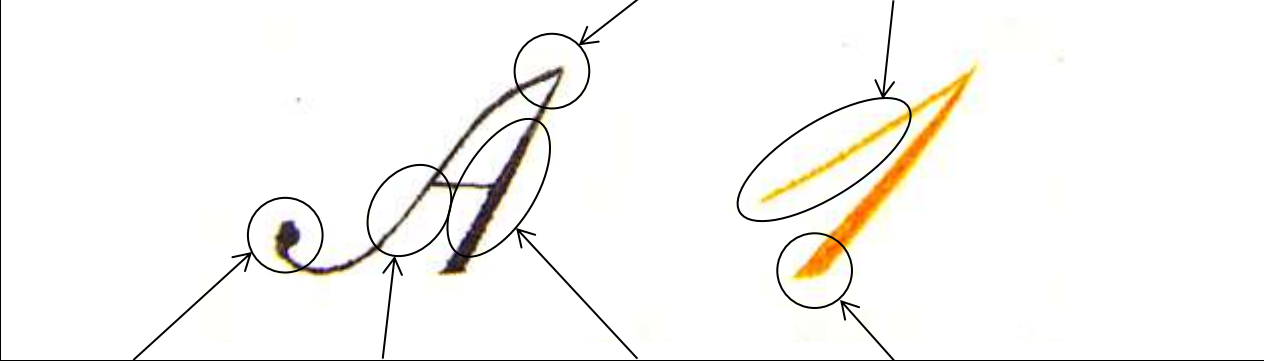
CP would have us look to the lower selvedge to the short horizontal purple scratch that appears below the letters 'BURY' of 'BRADBURY'. This is good, as this scratch is the only one seen in the selvedge of this miniature sheet and is relatively easy to spot if you know where to look and have a good magnifying glass. The collector should also look to the lower arc of the curved left leg of the 'A' plate number where it thins. It is perhaps as thin as that of miniature sheet 10, and thereby limits considerably the number of sheets needed to be examined for presence of the scratch mentioned above.

CP Description: A faint short horizontal purple scratch well to the left of the 'A'.



○	R1/1	Orange	Transient curved orange fibre runs through the base of the right leg of the 'N' of 'LAND'.	A6	✓
○	R1/2	Orange	Transient bulge of orange seen at the top of the '1' of the health surcharge, as a hat or dome on top of the number.	B C6	✓
○	R1/3	Orange and purple	Both orange and purple guide dots are seen in the right selvedge. On some examples, these are faint, others are bold.	G8	✓
○	R2/3	Orange and purple	The orange and purple guide dots in the right selvedge are prominent, some examples have extraneous tiny purple spots in this area, so take care not to be confused.	G8	✓

3d+1d Miniature Sheet 5 Map

		The top of the straight right leg is thinned, coming to a sharp point as it meets the left leg.	The long serif of the '1' has a more pronounced curve than other examples.	
				
The bulb at the end of the left leg is thick as is the neck holding it to the leg.	The lower curve of the left leg is thinned.	The straight right leg of the 'A' is narrower than most other examples.	The foot of the '1' slopes down to a point on the left.	

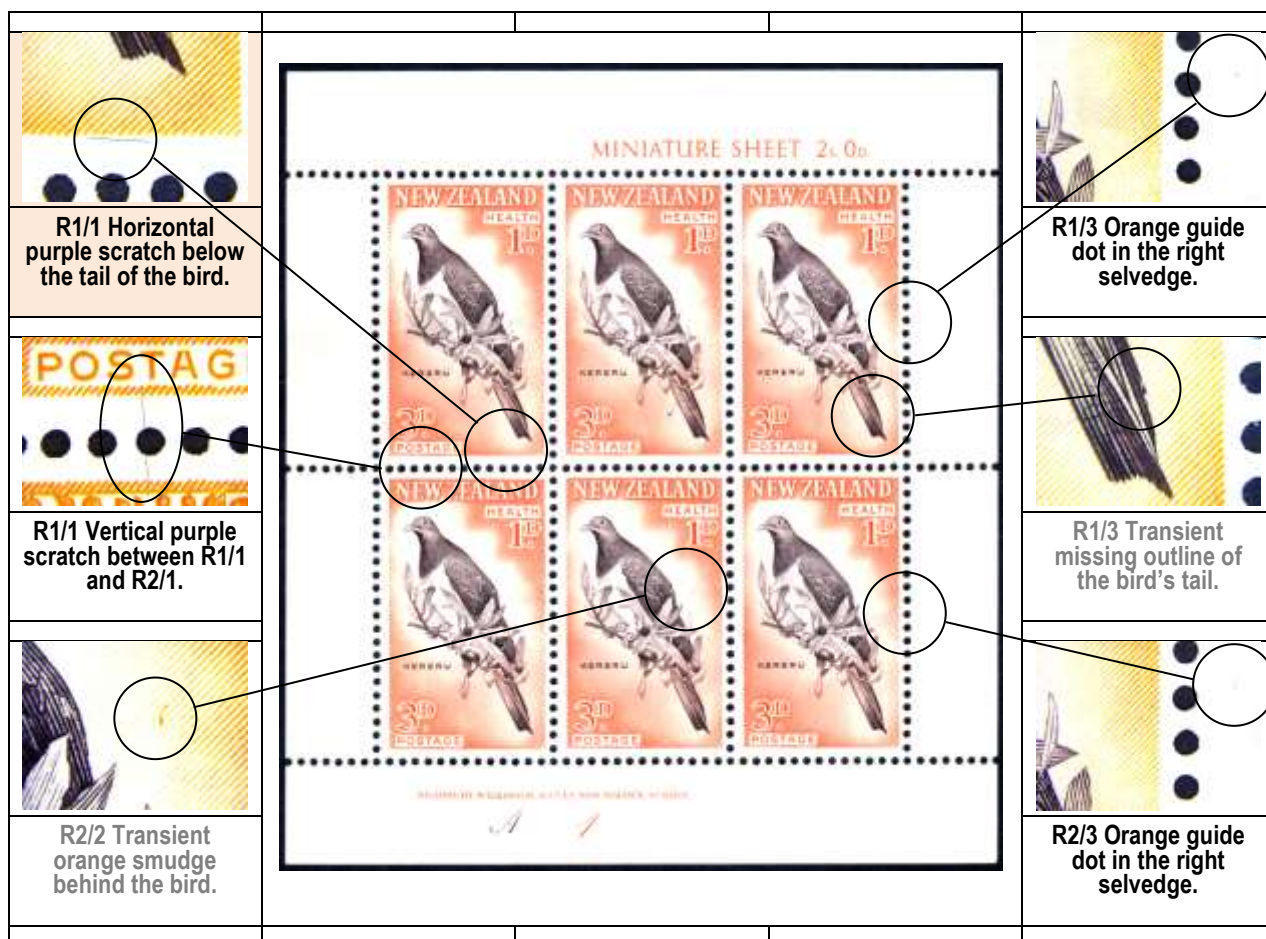
There are no extraneous lines nor scratches appearing in the top selvage.				
				

				
	There is a short 2.5mm long purple scratch in the lower selvage, 4mm below the 'BURY' of 'BRADBURY'.			

3d+1d Miniature Sheet 6

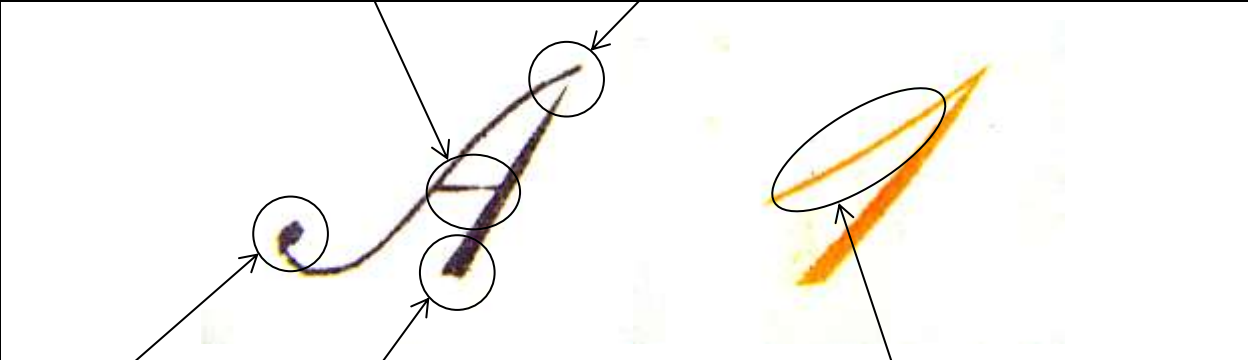
Look to the 'A' plate number where the right leg is very weak at the top. In the examples seen the right leg falls short of the apex of the letter where the left leg joins. Others show a faint line that extends from the right leg. Whichever, this is very noticeable. CP suggests that there is a retouch to the foot of the right leg, but none is seen here. Do not confuse this with miniature sheet 10 that also has a short right leg, this sheet has an oval bulge at the end of the left leg to differentiate it from the round bulb on sheet 10. If confirmation is needed, look to the stamp at row 1/1 where there is a purple scratch in the lower margin below the bird's tail.

CP Description: The 'A's straight leg is very weak at the top with a notable retouch at the foot. The loop of the left leg dips low.



○	R1/1	Purple	Thin vertical purple scratch in the lower margin, between the stamps at row 1/1 and row 2/1. Starts just below the 'ST' of 'POSTAGE' on row 1/1; ending to the left of the 'W' of 'NEW'. This scratch is fine and most is cut off by the horizontal perforations.	M2 –A2	✓
○	R1/1	Purple	Near horizontal 2mm long purple scratch in the lower margin, just below the edge of the stamp, below the bird's tail.	M6	✓
○	R1/3	Orange	Orange guide dot in the right selvage, 3mm from the centre of the right edge of the stamp.	G8	✓
○	R1/3	Purple	Transient. The lower right edge of the bird's tail omits part of the outline causing two indents.	K7	✓
○	R2/2	Orange	Transient orange smudge amongst the diagonal lines of shading behind the bird, pointed to by the leaves right of the bird where the background lines become fainter.	F6	✓
○	R2/3	Orange	Orange guide dot in the right selvage.	G8	✓

3d+1d Miniature Sheet 6 Map

	The horizontal bar of the 'A' is thinned at its centre.	The top of the straight right leg is weak and comes to a point before it joins the end of the left leg.	
			
The bulb at the end of the curved left leg is oval	The foot of the straight right leg is concave and has no serif.		The serif of the '1' is curved.

			There is a faint orange spot just above the first 'E' of 'SHEET'.	
				

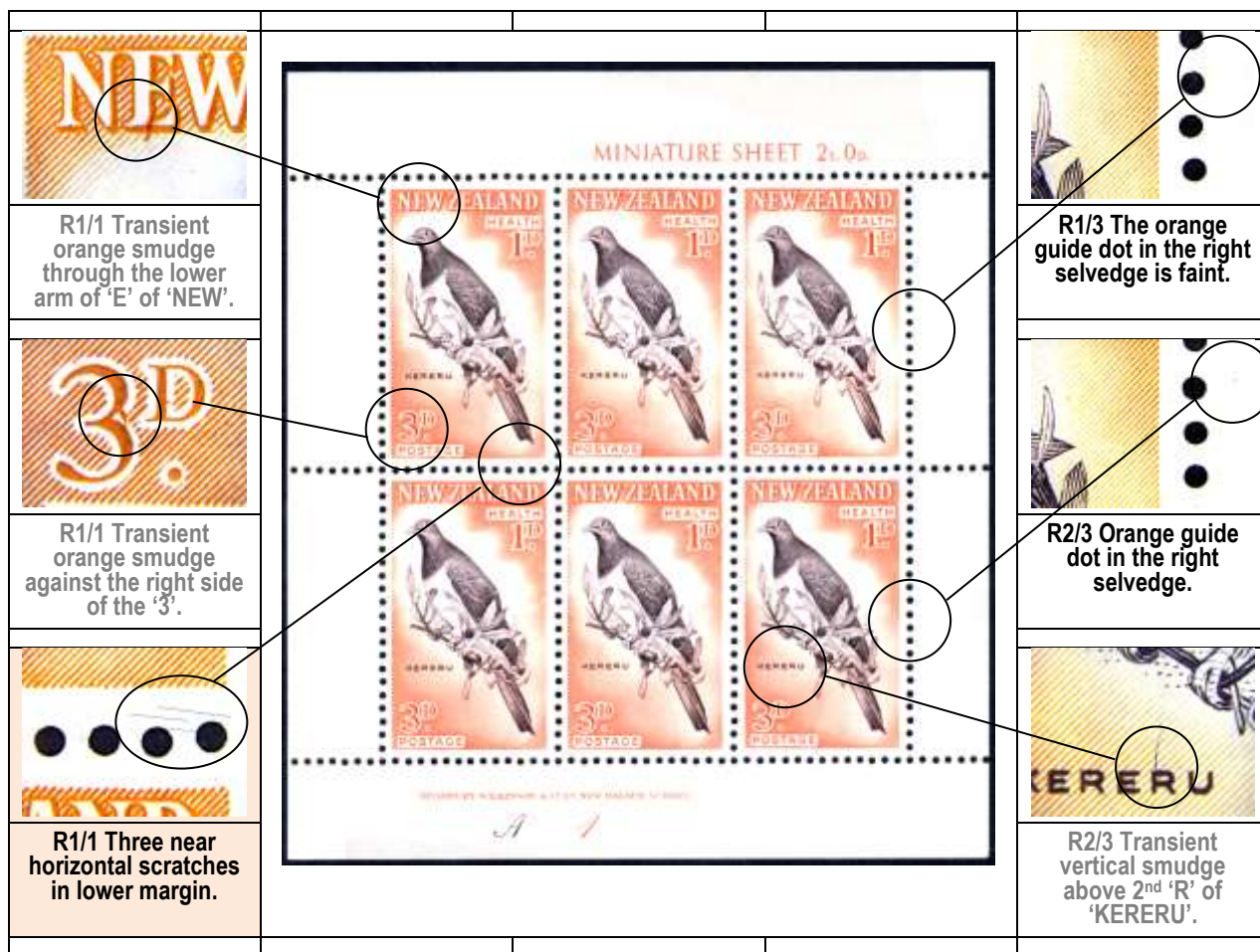
				
There are no extraneous lines nor scratches appearing in the lower selvage.				

3d+1d Miniature Sheet 7

As CP suggests, look to the top of the 'A' plate number, where the left and right legs do not quite meet at the apex of the letter. This leaves a small gap, the letter open. Be careful, there are a number of other sheets where the top of the 'A' appears open.

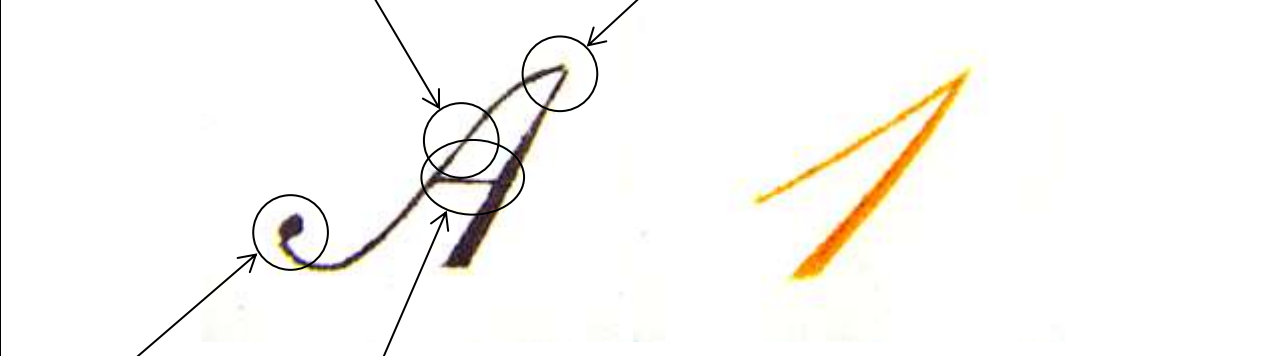
Also, look to the foot of the stamp at row 1/1 where there is a series of three near horizontal scratches appearing in the lower margin below the bottom right side of the stamp.

CP Description: The 'A' has an open top.



○	R1/1	Purple	Three faint purple near horizontal scratches through the lower margin between the stamps at row 1/1 and row 2/1, at the right end beneath the bird's tail, and above the 'ND' of 'LAND'. These run through the horizontal perforations and much of these scratches will be lost.	M6-M7	✓
○	R1/1	Orange	Transient orange smudge through the foot of the 'E' of 'NEW'.	A2	✓
○	R1/1	Orange	Transient orange smudge at the right of the middle of the '3' of the value.	K2	✓
○	R1/3	Orange	Orange guide dot in the right selvedge 3mm from the centre of the right edge of the stamp is very faint.	G8	✓
○	R2/3	Orange	Orange guide dot, similar to that seen in row 1/3, in the right selvedge.	G8	✓
○	R2/3	Purple	Transient 1.5mm purple scratch vertically upwards from the left side of the 2 nd 'R' of 'KERERU'.	13	✓

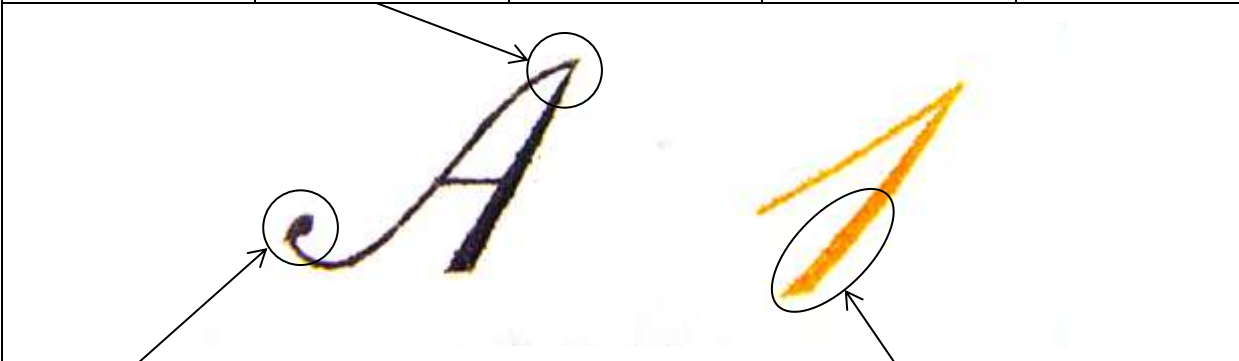
3d+1d Miniature Sheet 7 Map

	The upper curve of the left leg is thinner than most, just above the horizontal bar.	The tops of the left and right legs do not quite meet at the apex, leaving a small gap.		
				
The bulb at the end of the curved left leg is pear shaped.	The horizontal bar of the 'A' is thinned at its right end.			

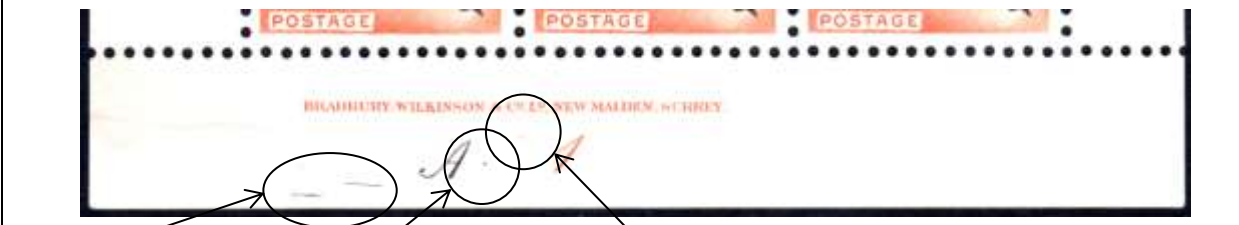
				
There is a purple spot between the 2nd 'I' and the 'A' of 'MINIATURE'. 				

				
There are no extraneous lines nor scratches appearing in the lower selvage.				

3d+1d Miniature Sheet 8 Map

	The top of the straight right leg is thinned, giving the apex a sharp point.			
				
	The bulb at the end of the curved left leg is oval, as a closed fist. The bend in the neck holding it is quite sharp.		The white spine of the leg of the '1' is visible close to the left edge.	

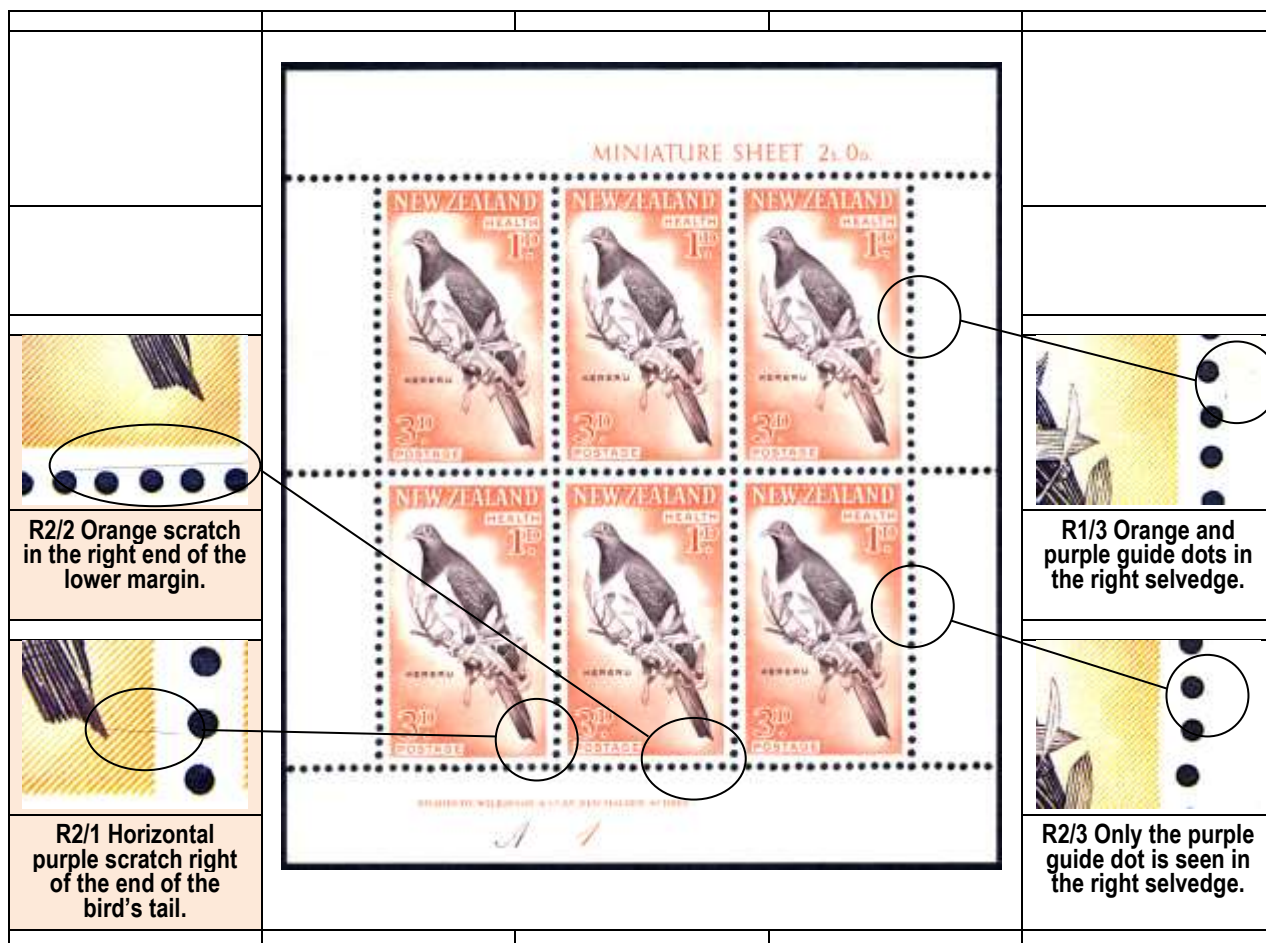
There are no extraneous lines nor scratches appearing in the top selvage.				
				

				
There are two faint near horizontal purple scratches close to the lower edge of the sheet below 'BRADBURY', 14mm below the lower edge of R2/1.	Tiny purple spot just right of the 'A' plate number.	Orange spot seen between the 'A1' plate numbers at top, below 'CO.'. Often seen in the 2d+1d miniature sheets.		

3d+1d Miniature Sheet 9

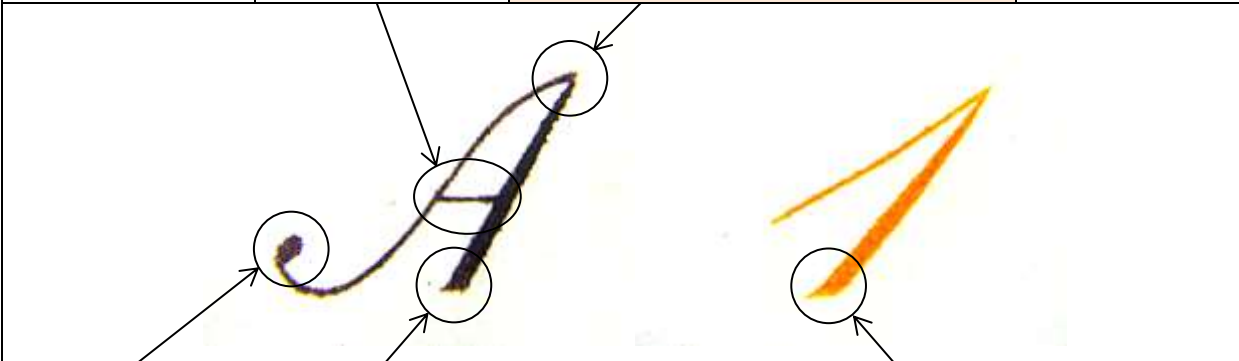
Horizontal scratches abound on this miniature sheet that are helpful for plating it. There are obvious ones to find in the stamps themselves, at row 2/1 right of the tail; and row 2/2 below the right side of the stamp in the lower margin. But perhaps more prominent are the group of scratches that are seen in the bottom right of the lower selvedge, where long horizontal orange scratches are quite visible through most of that corner of the sheet (and continue into the miniature sheet that follows). Strange that CP should suggest a weaker scratch in the top selvedge to represent this stamp.

CP Description: Faint purple scratch well above the 'TURE' of 'MINIATURE'.



○	R1/3	Orange and Purple	Guide dots for both the orange and purple colours are seen in the right selvedge 3mm and 2mm from the centre of the right edge of the stamp. The orange dot is quite faint.	G8	✓
○	R2/1	Purple	A 2.5mm long horizontal purple scratch appears from the right corner of the end of the bird's tail to half way through the margin towards the stamp at row 2/2 but falls into the vertical perfs where the line ends.	L7-L8	✓
○	R2/2	Orange	An orange scratch is seen in the lower margin 0.75mm below the foot of the stamp. It runs for 5mm, left of the bottom right corner of the stamp, faint in places, when not cut through by the lower perfs.	M6-M8	✓
○	R2/3	Purple	Only the purple guide dot is seen in the right selvedge and this is close to the vertical perforations.	G8	✓

3d+1d Miniature Sheet 9 Map

	The horizontal bar of the 'A' thickens at its right end as it meets the right leg.	The apex of the 'A' is disjointed, with the ends of each leg not quite meeting together at the same point. But there is no gap.	
			
The bulb at the end of the curved left leg is truly oval, and leans inwards.	The foot of the straight right leg narrows at its ankle, and is pointed left.		The foot of the '1' is sharp on the left end, and appears as if bent.

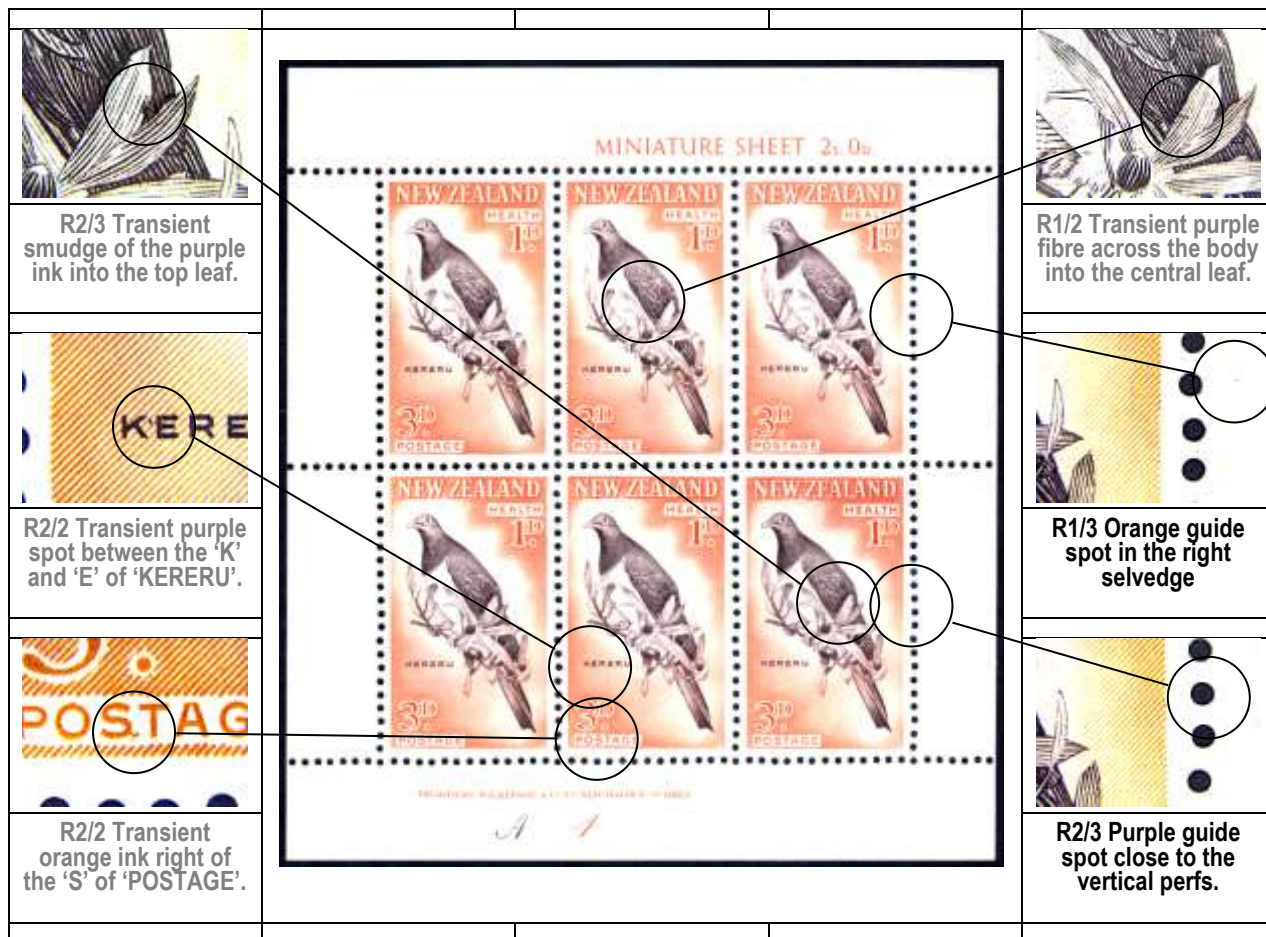
	Short purple scratch 12mm above the 'Z' in the stamp at row 1/1.	Faint purple scratch, 7mm long, 8mm from the 'TURE' of 'MINIATURE'.	
			

			
	Faint orange spot between the top of the 'A' and '1' plate numbers.	Short purple scratch positioned right of 'SURREY,' below the bottom right corner of the stamp at row 2/2.	Group of long horizontal orange scratches run in the bottom right selvedge below and to the right of the stamp at row 2/3. Even though they are a light colour, they are quite pronounced and can be seen well. They continue into the left side of the lower selvedge of miniature sheet 10.

3d+1d Miniature Sheet 10

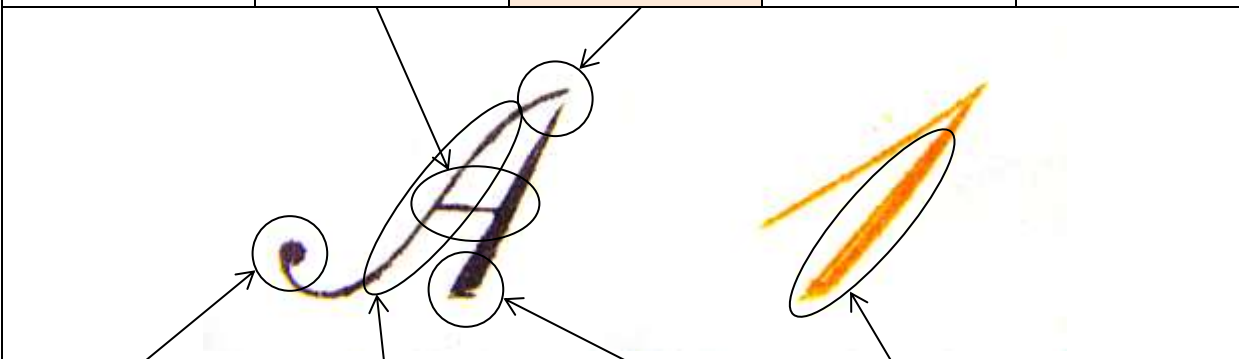
It is only necessary to look at the form of the 'A' plate number to identify this miniature sheet. The top of the straight right leg does not reach the apex and fails to close the gap to the top of the curved left leg. This is similar to that of sheet 6 but to differentiate, this sheet has a large round bulb at the end of the curved left leg, in sheet 6 it is oval. CP suggests that there is a faulty foot to the straight leg and it is seen that it does suffer from two sharp indents one either side of the 'ankle' that almost separates the foot away from the leg.

CP Description: Faint orange scratch above the 'A', that also has a faulty foot on its straight leg.



○	R1/2	Purple	Transient purple fibre horizontally across the bird's body and into the centre of the upper leaf of those at the centre of the bird.	F G5	✓
○	R1/3	Orange	Orange guide dot is present in the right selvage 3mm right of the centre of the right edge of the stamp.	G8	✓
○	R2/2	Orange	Transient small orange spur from the right side of the lower arc of the 'S' of 'POSTAGE'.	L M2	✓
○	R2/2	Purple	Transient purple spot between the 'K' and first 'E' of 'KERERU'.	I2	✓
○	R2/3	Purple	Purple guide dot in the right selvage 2mm from the right edge of the stamp very close to the vertical perfs.	G8	✓
○	R2/3	Purple	Transient smudge of the purple ink into the right side of the top leaf of those at the centre.	F5	✓

3d+1d Miniature Sheet 10 Map

		The top of the straight right left fails to connect with the top of the curved left leg leaving a wide gap right side of the apex of the 'A'.		
	The horizontal bar of the 'A' is thinned at its right end.			
The bulb at the lower end of the curved left leg is large and round.	The curved left leg of the 'A' is thinner at its centre by the horizontal bar.	There are indents into both side of the foot of the right leg, that almost separates the foot from the leg.	The spine of the leg of the '1' is quite pronounced.	

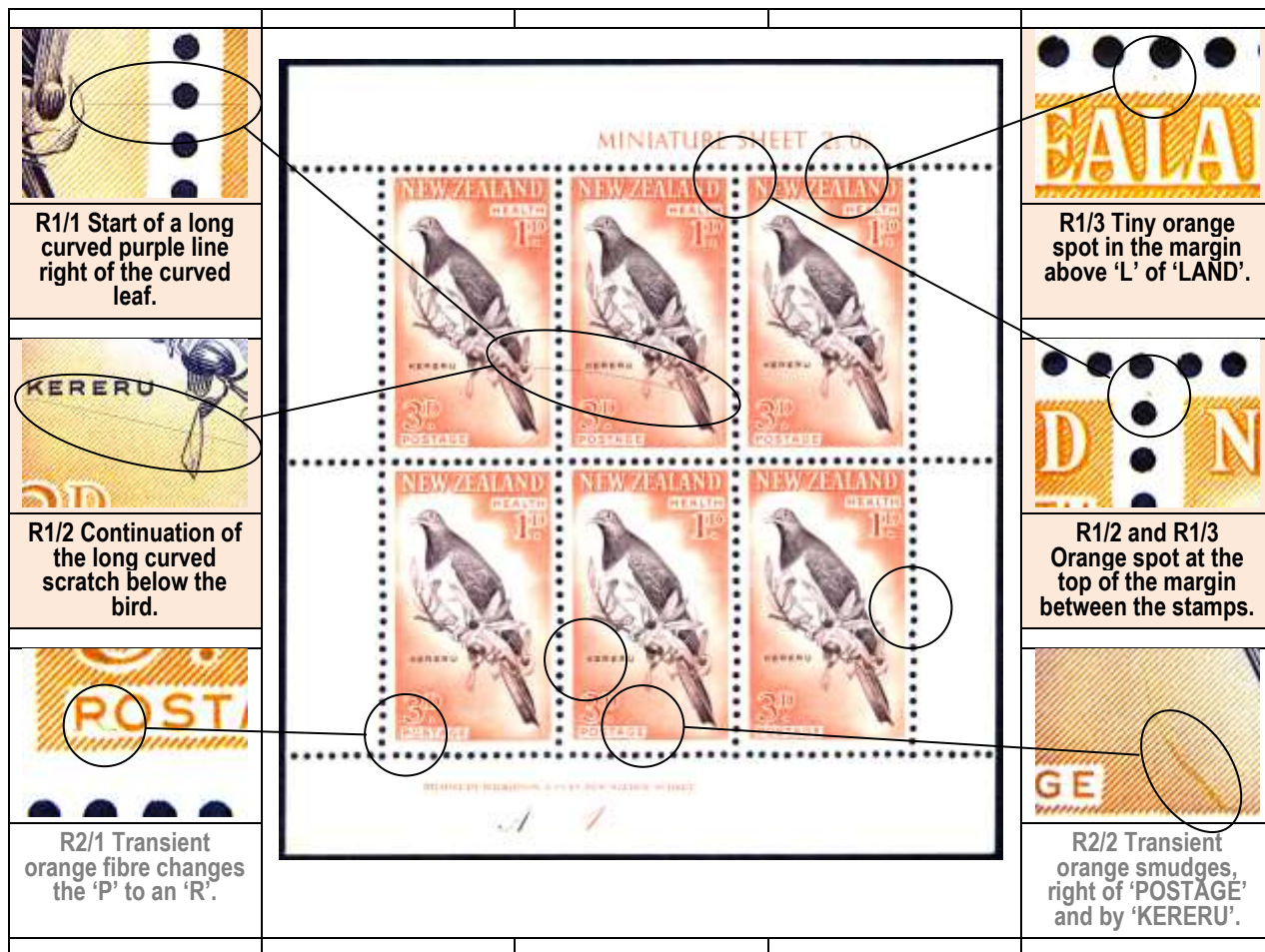
There are no extraneous lines nor scratches appearing in the top selvage.			
			

			
There are two groups of horizontal orange scratches in the lower selvage, this first group is a continuation of the lines seen on the miniature sheet position to the left of this one, sheet 9.		The second group of near horizontal orange scratches appears left of the 'A' plate number, the middle lines of which cuts through the 'A' to where the orange spot normally resides between 'A1'.	

3d+1d Miniature Sheet 11

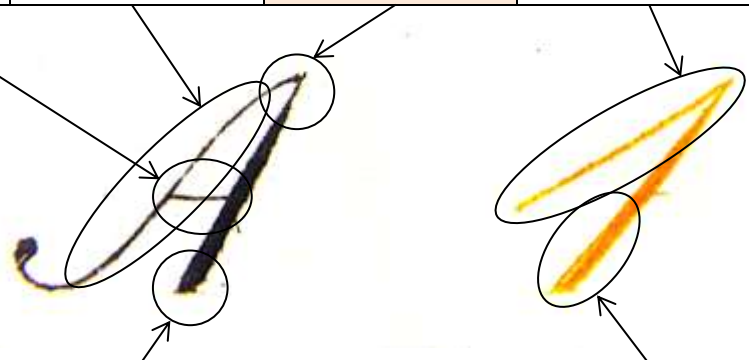
To identify this stamp quickly, look to the foot of the 'A' plate number that is thinned. Confirm using either the diagonal orange scratch bottom left of 'BRAD' in the lower selvedge; or the long purple scratch across the stamps at row 1/1 and row 1/2. The latter requires magnification but is unique to this stamp.

CP Description: 'A' has a weakness at the top of the straight leg, which projects outwards slightly beyond the junction. The foot is also like [sheet 10]. The crossbar sags.



○	R1/1	Purple	Start of a long, fine, purple scratch on the right of the stamp, from the right edge of the cured leaf at lower right, through the right margin, and into the stamp at row 1/2 where it travels just below the 'K' of 'KERERU'.	I7-I8	✓
○	R1/2	Purple	Continuation of the long curved purple scratch from the left margin, below the 'K' of 'KERERU', curving down through the lowest leaf at centre, through the middle of the bird's tail, and is lost in the diagonal orange lines of shading right of the tail.	I0-K7	✓
○	R1/2 to R1/3	Orange	Tiny orange spot at the top of the margin between the stamps at row 1/2 and row 1/3, perhaps a guide dot of some description. Usually cut away by the perforations.	-A8	✓
○	R1/3	Orange	Tiny orange spot in the top margin 0.5mm from the top edge of the stamp directly above the 'L' of 'LAND'.	-A5	✓
○	R2/1	Orange	Transient orange fibre bottom right of the 'P' of 'POSTAGE', very fine, that changes the 'P' to an 'R'.	M1	✓
○	R2/2	Orange	Transient diagonal orange smudge right of 'POSTAGE'.	L5-L6	✓
○	R2/2	Orange	Transient orange smudge on left side of 'K' of 'KERERU'.	I1-I1	
○	R2/3	Purple	Faint purple guide dot in the right selvedge 2mm from the centre of the right edge of the stamp. No guide dots are seen on row 1/3.	G8	

3d+1d Miniature Sheet 11 Map

The horizontal bar of the 'A' curves downwards at centre.	The curved left leg of the 'A' is fine throughout.	The top of the straight right leg is thinned early and just passes the join of the left leg.	The long serif of the '1' is straight.	
				
	The foot of the straight right leg narrows at its ankle.		Pronounced spine at the bottom of the leg on its left side.	

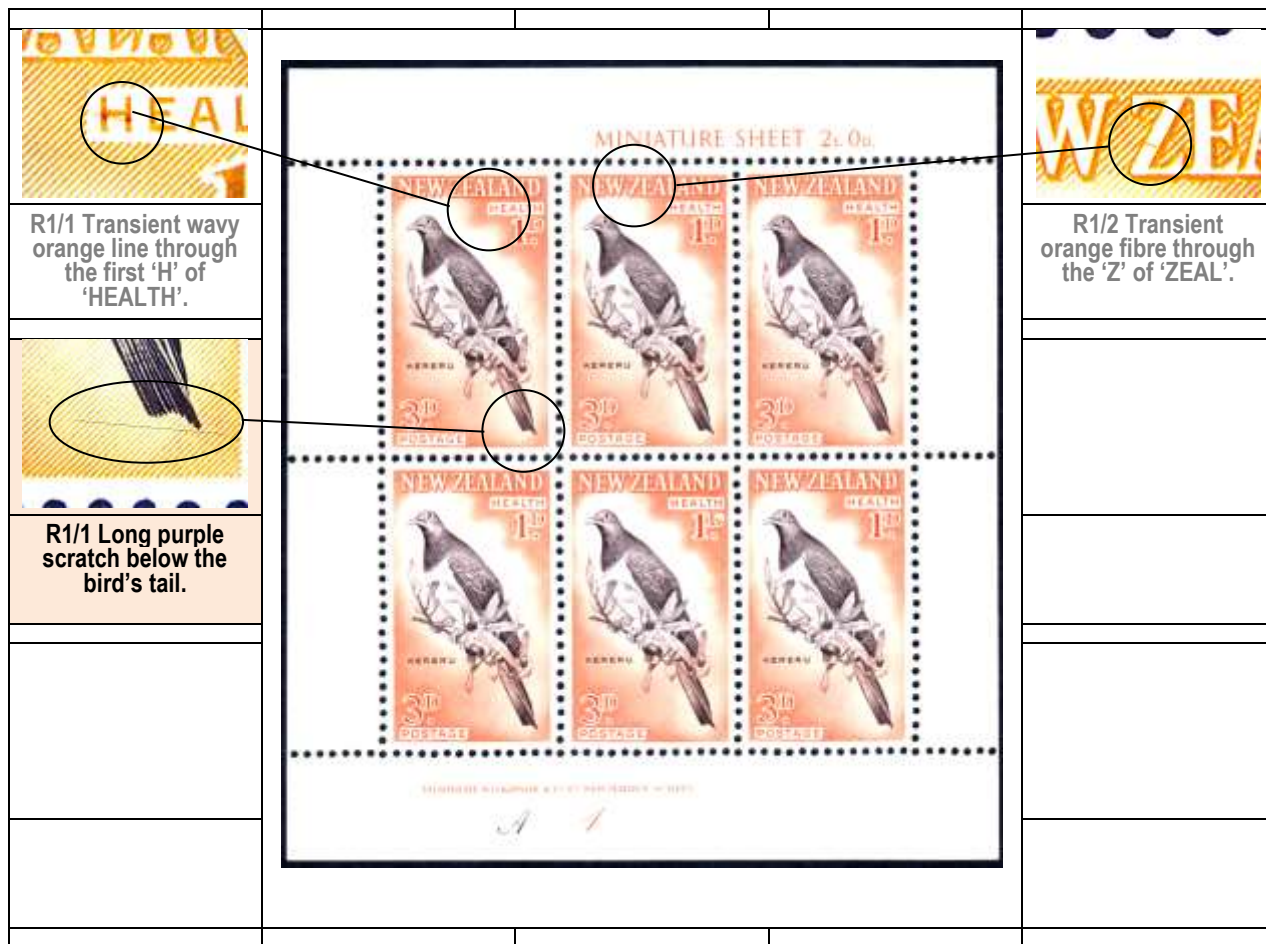
		Tiny orange spot at the top of the margin between R1/2 and R1/3.	Tiny orange spot in the top margin above the 'L' of 'LAND'.	
				

				
The diagonal orange scratch bottom left of the 'B' of 'BRAD' is quite visible.				

3d+1d Miniature Sheet 12

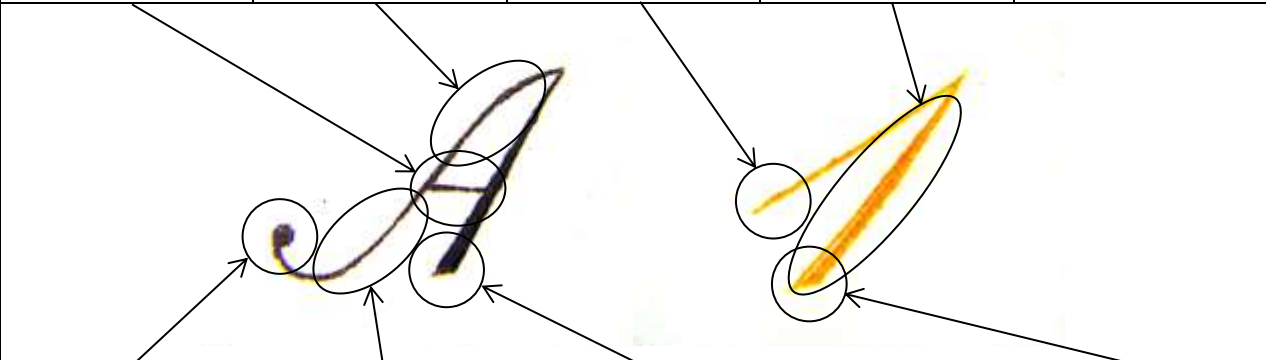
There is only one variety of merit seen on this stamp that comes from the presence of a diagonal purple scratch in the diagonal lines of shading below the bird's tail on the stamp at row 1/1. Fortunately, under magnification, this scratch is quite visible. Take care not to confuse this with a similar variety to the same stamp on miniature sheet 14. To be absolutely certain, look for the presence of other constant varieties in this sheet, such as.... The plate numbers 'A1' are unique, as always, but individual characteristics are not strong enough to uniquely represent this stamp by itself.

CP Description: Distinct purple scratch below tail in stamp 1, sloping down left to right.



○	R1/1	Purple	There is a diagonal purple scratch in the diagonal shading below the tail of the bird, 5.5mm long and is almost eye visible.	L6-L7	✓
○	R1/1	Orange	Transient orange fibre crossing the first 'H' of 'HEALTH' just below its horizontal bar.	B5	✓
○	R1/2	Orange	Transient orange line cutting through the diagonal of the 'Z' of 'ZEAL', just below centre.	A3	✓
○	R1/3, R2/3	Purple and orange	There are no guide dots seen on either stamp from the last column, no coloured dots appearing in the right selvage.	G8	

3d+1d Miniature Sheet 12 Map

The horizontal bar of the 'A' thins at the right end.	The top of the curved left leg becomes thicker near the top.	The point of the long serif of the '1' curves down.	There is a pronounced yellow spine to the leg of the '1' for most of its length.	
				
The bulb at the end of the left leg is good and round.	The lower curve of the left leg is thinned at its centre, notably so,	The foot of the straight right leg slants upwards to the right. It supports a leg that is thinner than most, perhaps equal only to that of sheet 5.		The foot of the 'A' is curved underneath and slants downwards to a point on the left. The spine is obvious.

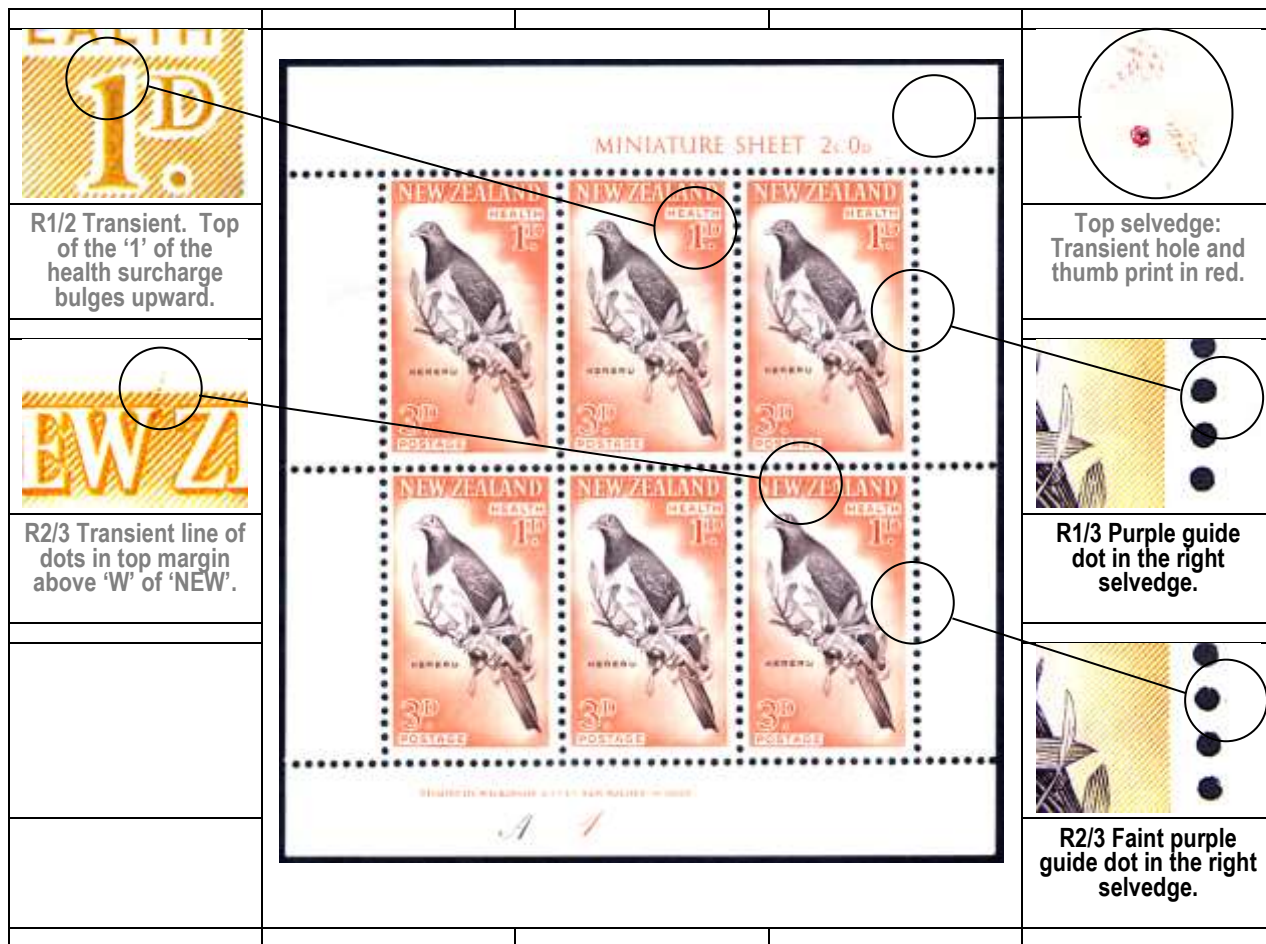
There are no extraneous lines nor scratches appearing in the top selvage.			
			

There are no extraneous lines nor scratches appearing in the lower selvage.			
			

3d+1d Miniature Sheet 13

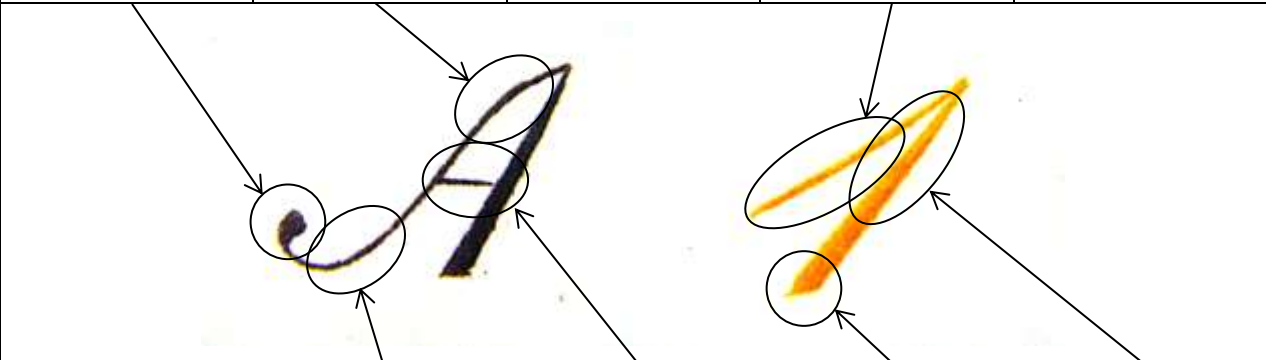
The author cannot locate the purple scratches right of stamp at row 1/3 as mentioned by CP, but there are two bands of orange scratches running horizontal on the right side of the top selvage and through the top perfs right of row 1/3. However these are faint, yet very impressive as they form such thick bands. The crossbar of the 'A' plate number is thinned, but perhaps not as pronounced as CP would suggest. A strong variety, albeit small, is the line purple spot seen just above the lowest horizontal perfs in the bottom left corner of the sheet. This can be recognised quickly.

CP Description: The crossbar of the 'A' tapers to the right, barely making contact with the straight leg. Faint purple lines show to the right of stamp 3 [row 1/3].



○	R1/2	Orange	Transient. This example shows the top of the '1' of the health surcharge bulging along its top edge, so unlike the normal thin serif.	B C6	✓
○	R1/3	Purple	A purple guide dot is seen in the right selvage 2mm from the centre of the right edge of the stamp.	G8	✓
○	R2/3	Orange	Transient orange spur as dots into the top margin, following the line of the right arm of the 'W' of 'NEW'.	-A3	✓
○	R2/3	Purple	Faint purple guide dot appears in the right selvage.	G8	✓
○	Top selvage	Red	There is an intriguing hole in the top right corner of this miniature sheet, top right of the '2s 00', that pierces the paper. This hole is surrounded by a carmine coloured ink and what appears to be a partial finger print. A partial finger print is also seen in the lower margin, left of the imprint, in the same coloured ink. This colour is not used in any of the stamps of this issue.	-	✓

3d+1d Miniature Sheet 13 Map

The bulb at the end of the left leg is thick and has straightened edges.	The top arc of the curved left leg becomes thick as it bends to meet the apex.		The long serif of the '1' is this thickest of this issue.	
				
	As with the top curve, the lower curve of the left leg is thick at its lowest point.	The horizontal bar of the 'A' thins at its right end, to a point, and fails to meet the right leg.	The foot of the '1' loses its point on the left side and slants upwards to the right.	The top portion of the leg of the '1' has a pronounced yellow spine.

		Thick band of at least 6 horizontal orange scratches, regularly spaced, from the right end of the top selvage to 1mm above the '2s 0d' where they become faint and are lost. These two groups continue to the next miniature sheet, #14.	Similar group of horizontal orange scratches lower down, through the top horizontal perfs.
			

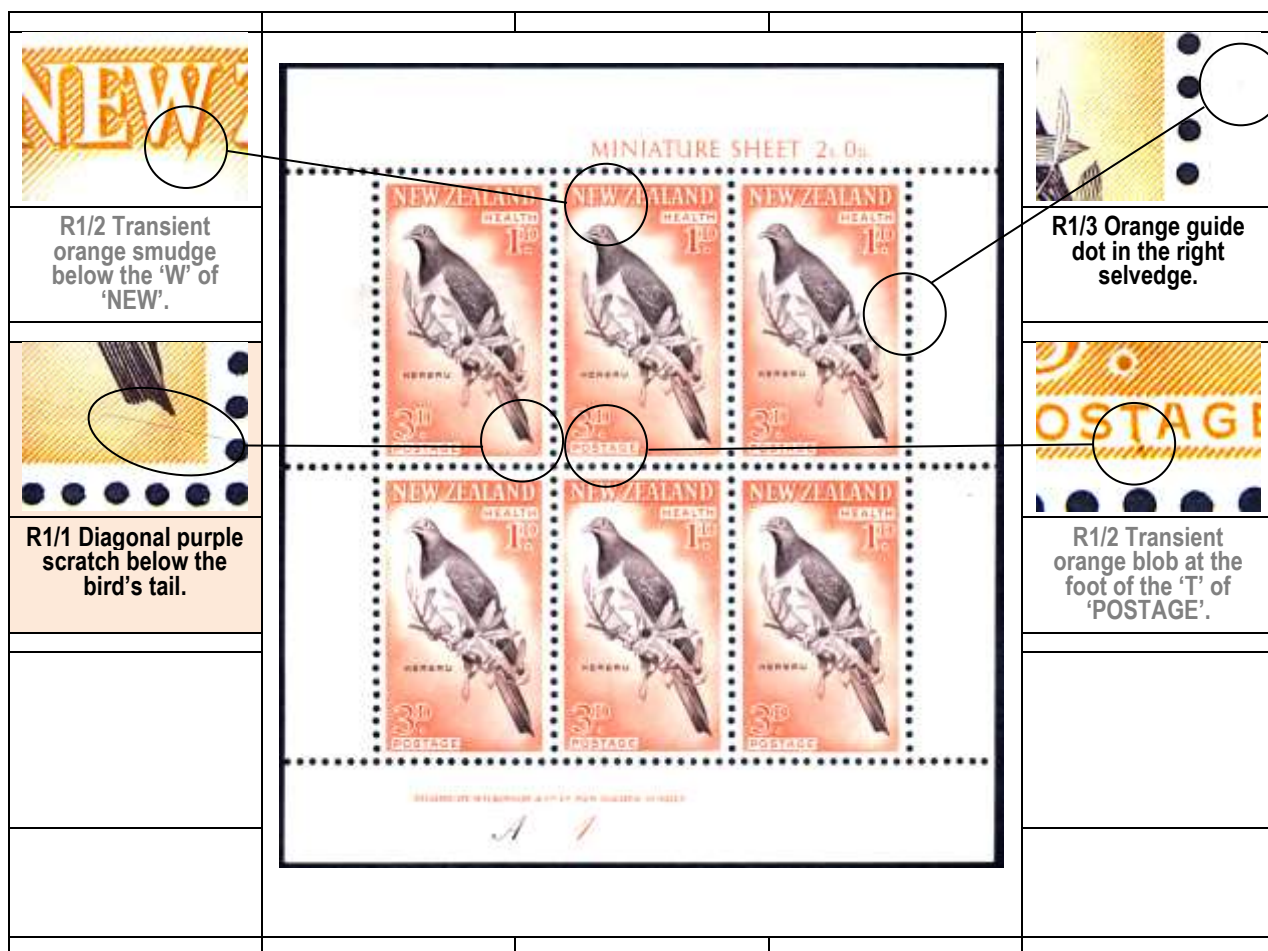
				
Tiny purple spot just above the lowest horizontal perfs, 7 holes from the bottom left corner of R2/1 inclusive.	Tiny purple spot 2.5mm above the top of the 'N' of 'WILKINSON'.			

3d+1d Miniature Sheet 14

Look to the 'A' plate number, where the straight right leg is not straight at all, and curves heavily to the right. This causes the left leg to bend further to the right in order for it to meet at the apex, making it look as if it were an italic. Also, on this plate number, the bulb at the end of the curved left leg is notably upright.

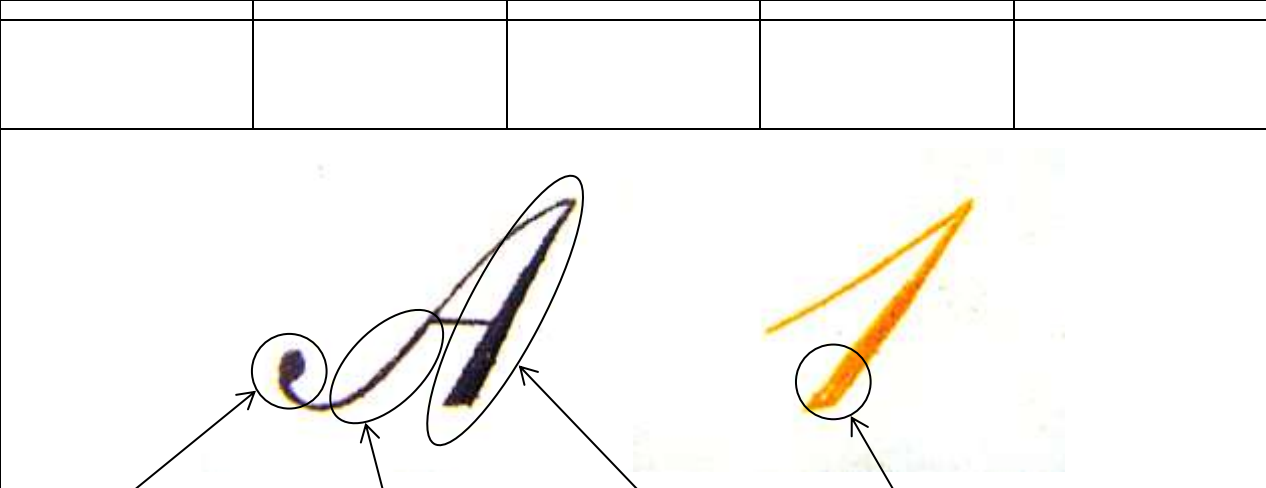
Note also the continuation of the band of horizontal orange scratches in the top selvage inherited here from the miniature sheet to the left; and mirrored a new band of orange scratches at the right end of the top selvage.

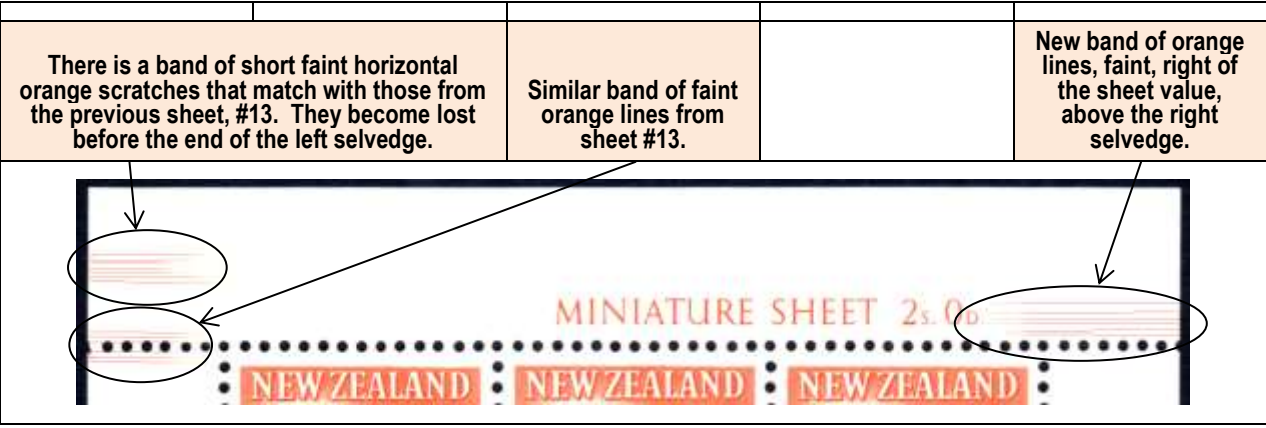
CP Description: The top enclosure of the 'A' is unusually narrow, and the straight leg tends to curve over to the right near the top.



○	R1/1	Purple	There is a very, very, faint, short, purple scratch below the bird's tail, very close to the end of the short feather. The line extends on some examples into the margin on the right end where it is extremely faint and is lost. Take care not to confuse this with a very similar variety on miniature sheet 12, also affecting row 1/1.	L6-L8	✓
○	R1/2	Orange	There is a short smudge of orange down from the right foot of the 'W' of 'NEW'.	A B3	✓
○	R1/2	Orange	Transient smudge of orange downwards from the base of the 'T' of 'POSTAGE'.	M2	✓
○	R1/3	Orange	Orange guide dot appears in the right selvage 3mm right of the centre of the right edge of the stamp. There are no guide dots seen on the stamp at row 2/3.	G8	✓

3d+1d Miniature Sheet 14 Map

				
The bulb at the end of the left leg is held on but a thick stalk; and is more upright than any other.	The lower arc of the curved left leg is thick in comparison to the top.	The straight right leg is thick, and leans to the right towards the top.	There are two yellow spines at the foot of the leg of the '1', leaving a darker lower edge.	

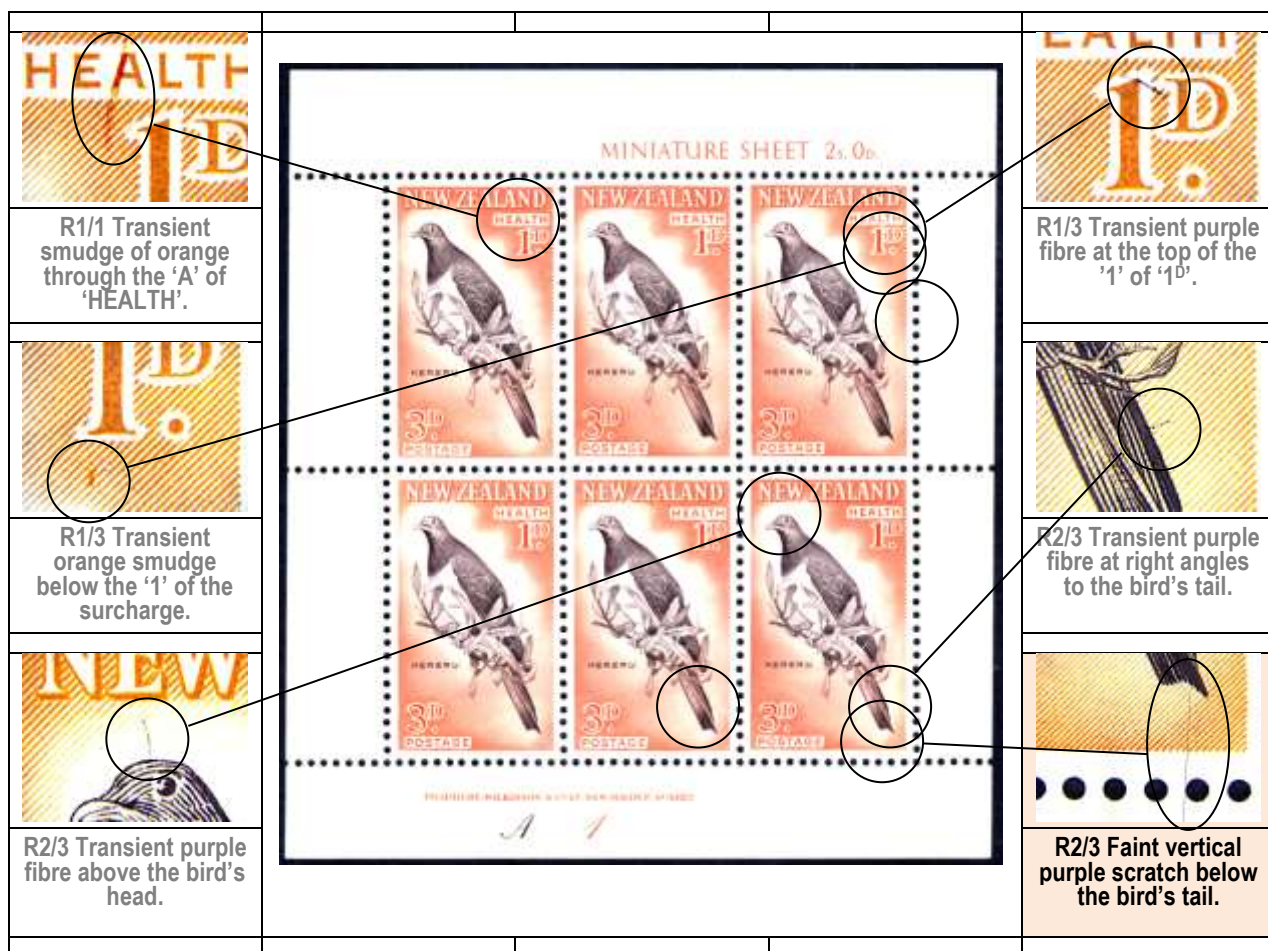
There is a band of short faint horizontal orange scratches that match with those from the previous sheet, #13. They become lost before the end of the left selvage.	Similar band of faint orange lines from sheet #13.		New band of orange lines, faint, right of the sheet value, above the right selvage.
			

			
			Tiny orange spot 1mm right of the full stop behind 'SURREY'.

3d+1d Miniature Sheet 15

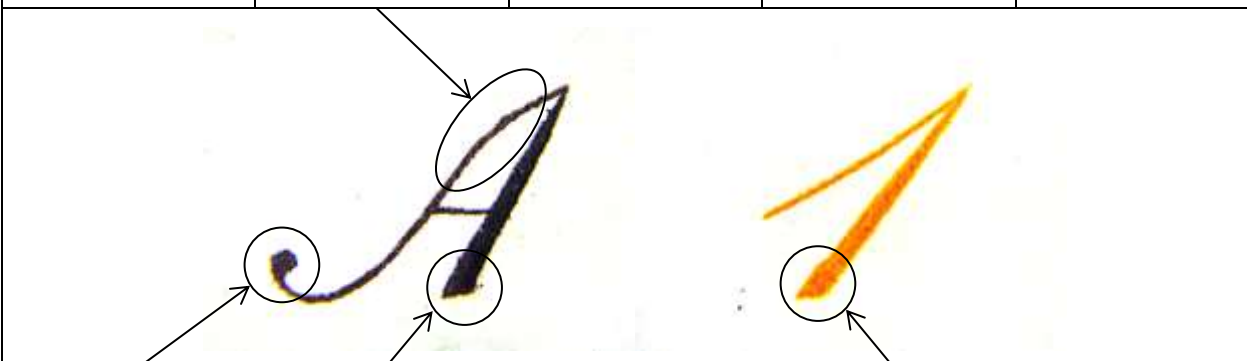
The foot of the right leg of the 'A' plate number is shorter than others and has a notable slant diagonally, upwards to the right end. This is unlike any other plate number and its form can easily represent this stamp without further corroboration. However, as CP suggests, there is a constant purple scratch running below the bird's tail on the stamp at row 2/3, but it is faint and needs good magnification to see it.

CP Description: Very faint purple vertical scratch through the tail in stamp 6 [row 2/3] and down through the selvage.

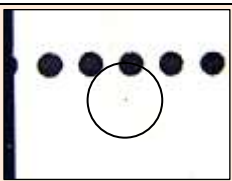


○	R1/1	Orange	Transient orange smudge through the left side of the 'A' of 'HEALTH'.	B6	✓
○	R1/3	Orange	Transient orange smudge below the left end of the foot of the '1' of the health surcharge, crossing orange lines of shading.	D6	✓
○	R1/3	Purple	Purple guide dot in the right selvage level with the middle of the right edge of the stamp, very close to the vertical perforations.	G8	
○	R1/3	Purple	Transient purple fibre attaching across the '1' of the health surcharge.	C6	✓
○	R2/2	Purple	Transient variety where there are missing lines of shading of the bird's tail, opening up the left side, allowing the diagonal lines of shading to show through.	K6	
○	R2/3	Purple	Transient purple line vertical above the bird's head, most likely a fibre, running towards the middle of the base of the 'E' of 'NEW'.	B2	✓
○	R2/3	Purple	Transient purple fibre horizontal from the right edge of the bird's tail, 1.5mm below the lower curved leaf.	J7	✓
○	R2/3	Purple	Faint purple scratch vertically from close by the middle of the lower edge of the bird's tail, 7mm long, finishing at the lower edge of the sheet.	L7-M7	✓

3d+1d Miniature Sheet 15 Map

	The top arc of the curved left leg is very thick			
				
The bulb at the end of the curved left leg is squashed.	The foot of the straight right leg is short and appears to be bent to the right. The base of the foot notably slopes upwards bottom left to top right, unlike any other.	The foot of the '1' plate number appears dark and slightly crooked.		

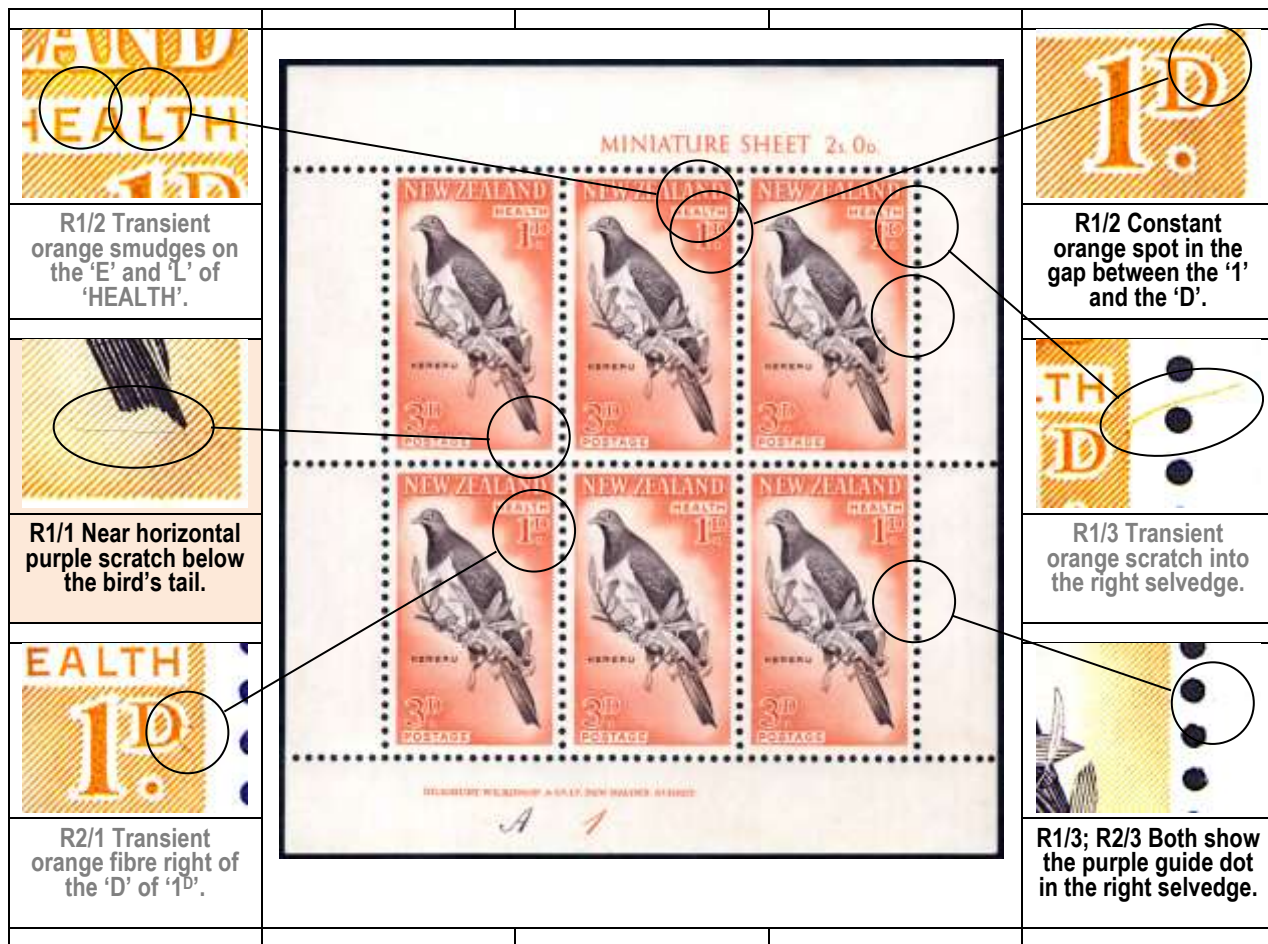
Very fine horizontal orange scratches run through the left edge of the top selvage. These are a continuation of the scratches seen on the right edge of miniature sheet 14, but do not run for any great length.				
				

There is a small purple spot below the 6 th hole of the lower horizontal row of perfs. Quite visible and useful as a quick reference.			Vertical purple scratch in the lower selvage below the 'S' of 'POSTAGE'.	Vertical purple scratch from the lower edge of the bird's tail of the stamp at row 2/3, towards, but not reaching, the lower edge of the sheet.
				

3d+1d Miniature Sheet 16

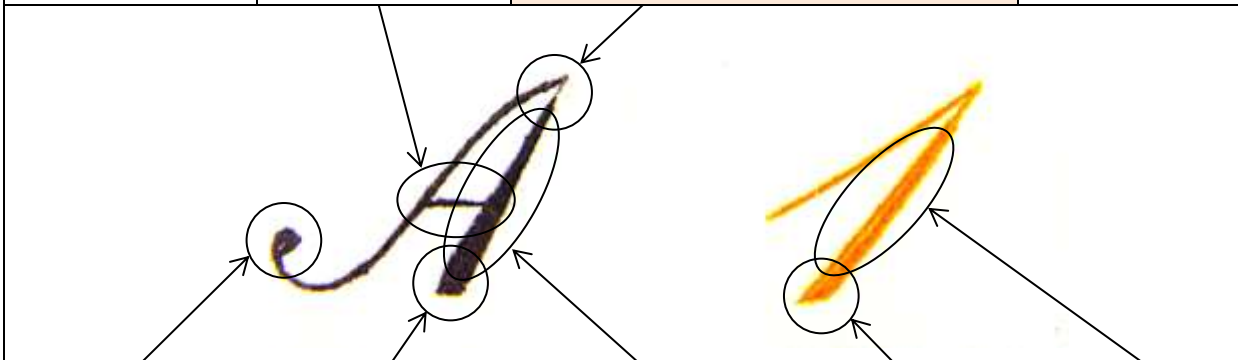
The 'A' plate number is a good place to start when identifying this miniature sheet. The straight right leg of the 'A' is the thickest of all such plate numbers, with its top and bottom narrowing to compensate. The top especially narrows prematurely to a fine point way before it reaches the apex and meets the curved left leg, unlike any other. As CP suggests, the stamp at row 1/1 has a fine purple line near horizontal, below the bird's tail. This is relatively easy to see under magnification and is shorter than similar scratches on the stamp at row 1/1 on sheets 12 and 14.

CP Description: Very faint purple line below the tail of stamp 1 (row 1/1), substantially horizontal. The straight leg of the 'A' is thick.

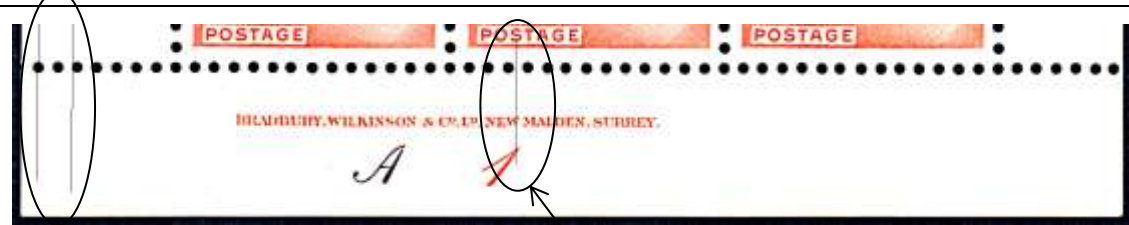


○	R1/1	Purple	Very faint near horizontal scratch 2.5mm long, immediately below the bird's tail.	L6-L7	✓
○	R1/2	Orange	Orange spot as an extension to a line of shading, top right of the 'D' of '1D' of the health surcharge, but does not close the gap to the 'D' itself.	B C7	✓
○	R1/2	Orange	Transient orange smudge dragging the ink towards the top right, from the tops of the 'E' and 'L' of 'HEALTH.' The 'L' being most prominent.	B0	✓
○	R1/3	Purple	Purple guide only in the right selvedge, right of the middle of the right edge of the stamp, close to the vertical perforations.	G8	
○	R1/3	Orange	Transient 4.5mm long orange curved scratch through the top right corner of the 'D' of '1D'.	B8	✓
○	R2/1	Orange	Transient orange coloured fibre in the gap between the 'D' of '1D' and the shading at top right.	C7	✓
○	R2/3	Purple	Faint purple guide dot in the right selvedge close to the vertical perforations.	G8	✓

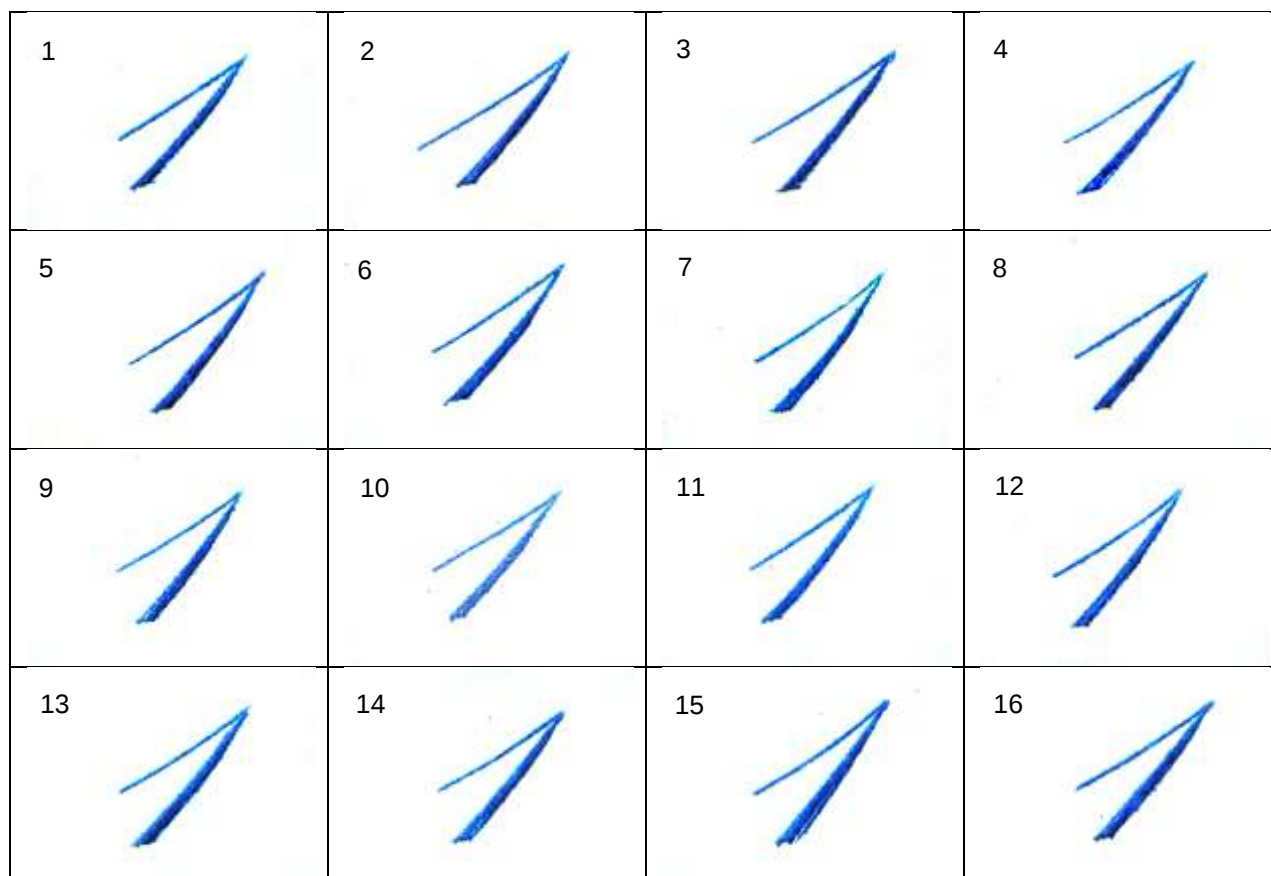
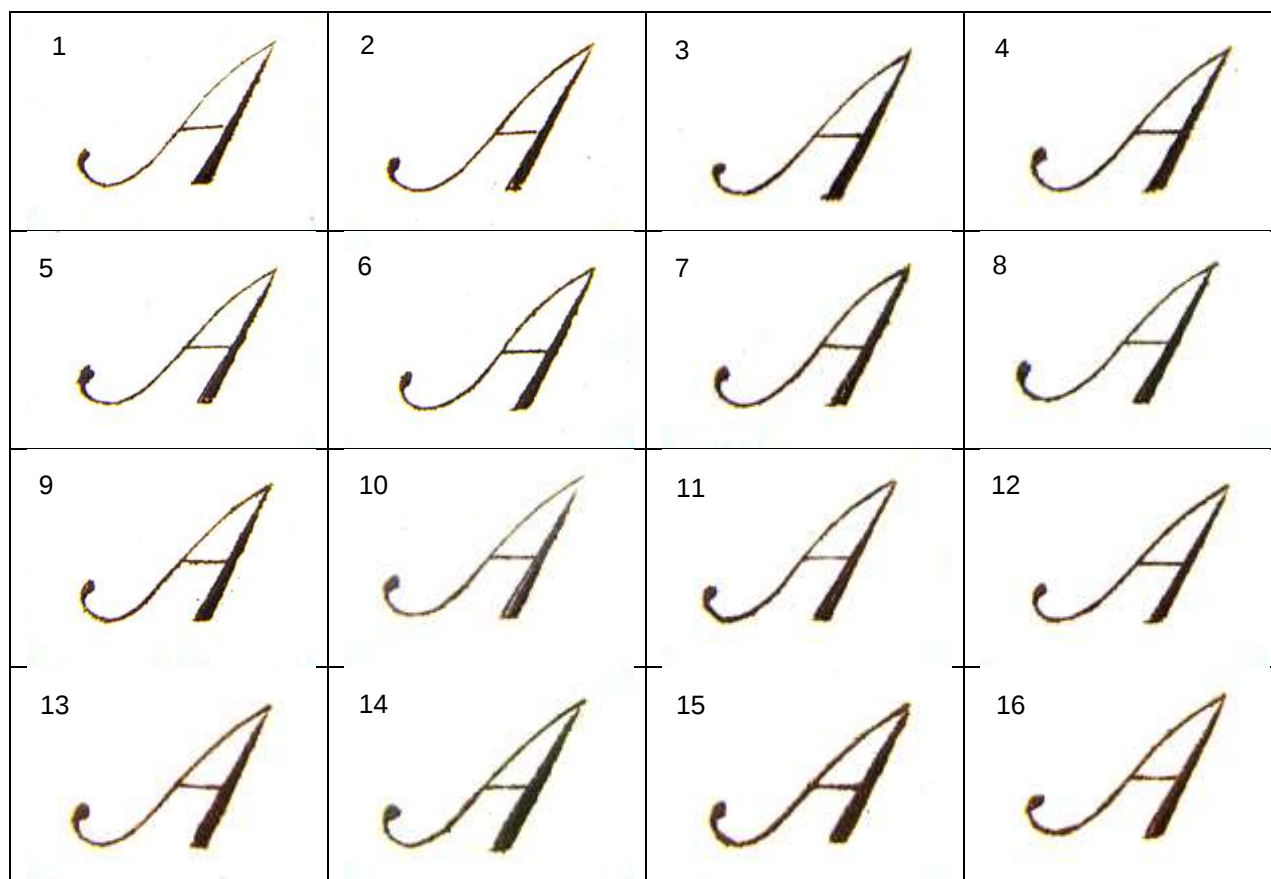
3d+1d Miniature Sheet 16 Map

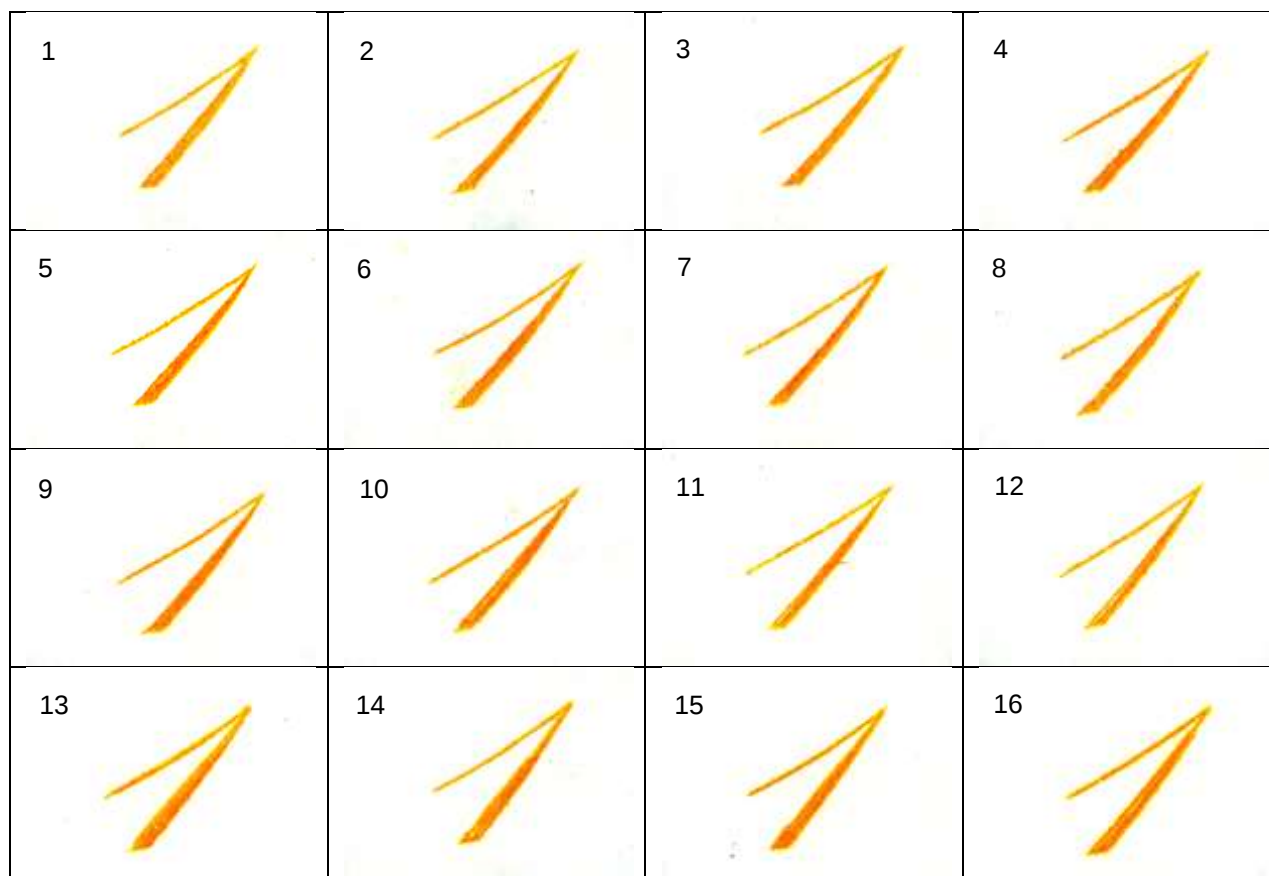
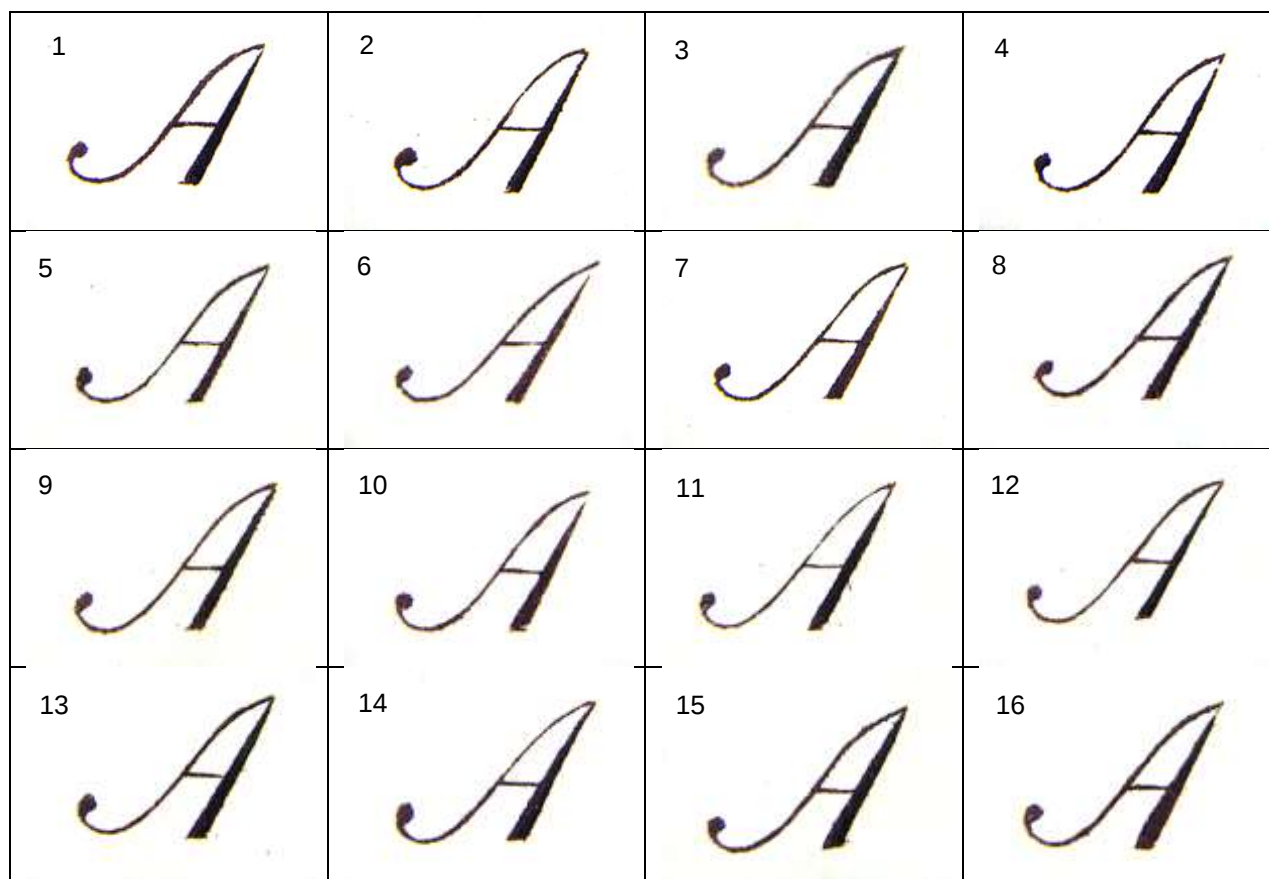
	The horizontal bar of the 'A' thickens at its centre, the ends become narrow.	The top of the straight right leg narrows prematurely before reaching the apex, making it look as though it doesn't meet the top of the left leg as it is so thin.		
				
The bulb at the end of the curved left leg is bulbous but its top edge is flattened.	The foot of the straight right leg narrows.	The straight right leg is exceptionally thick.	The foot of the '1' is flat but has a sharp point at left.	The body of the '1' has a visible yellow spine close to the left edge.

There are no extraneous lines nor scratches appearing in the top selvage.			
			

	Two long vertical purple scratches in the left selvage, close to the left edge of the sheet.	Further vertical purple scratch from the 'S' of 'POSTAGE' on the stamp at row 2/2; through the 'W' of 'NEW' in the imprint; to just below the apex of the '1' plate number.	
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2d+1d Plate Number Comparison



3d+1d Plate Number Comparison

References

R.J.G.Collins and C.W.Watts, 'The Postage Stamps of New Zealand, Volume IV', published by the Royal Philatelic Society of New Zealand, Chapter XXIX, pages 338-340.

The author is indebted to Auckland City Stamps Campbell Paterson, PO Box 99988, Newmarket, Auckland 1149, New Zealand, for allowing reference to the following:

Campbell Paterson's Newsletter, Vol. 12 No. 2, September, 1960, 'Plating The Miniature Sheets'.

Campbell Paterson's Newsletter, Vol. 12 No. 3, Oct., 1960, '1960 Miniature Sheets Plated'.

Campbell Paterson's Newsletter, Vol. 12 No. 5, Dec., 1960, '1960 Miniature Sheet Plating by Jack Keatley.'

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