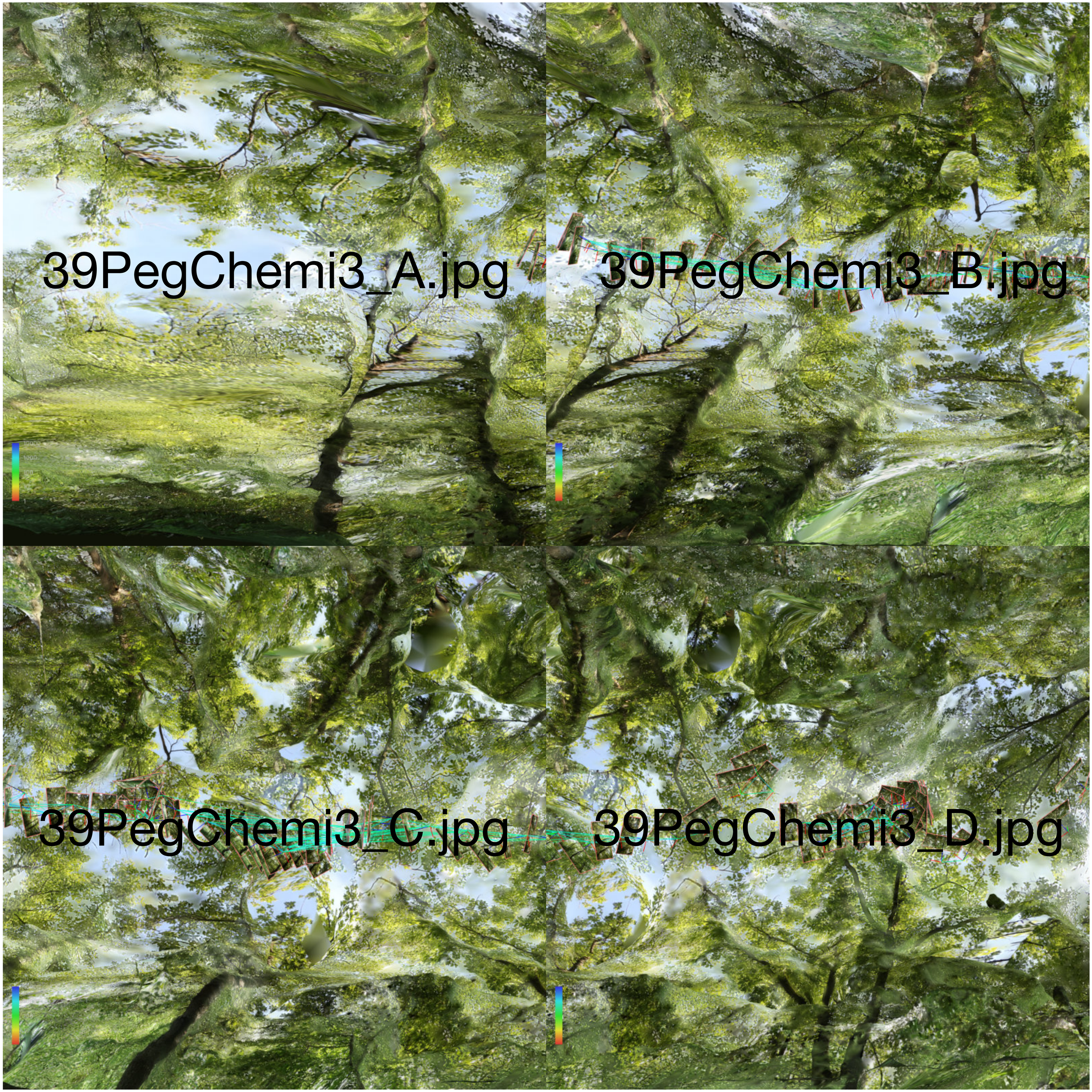
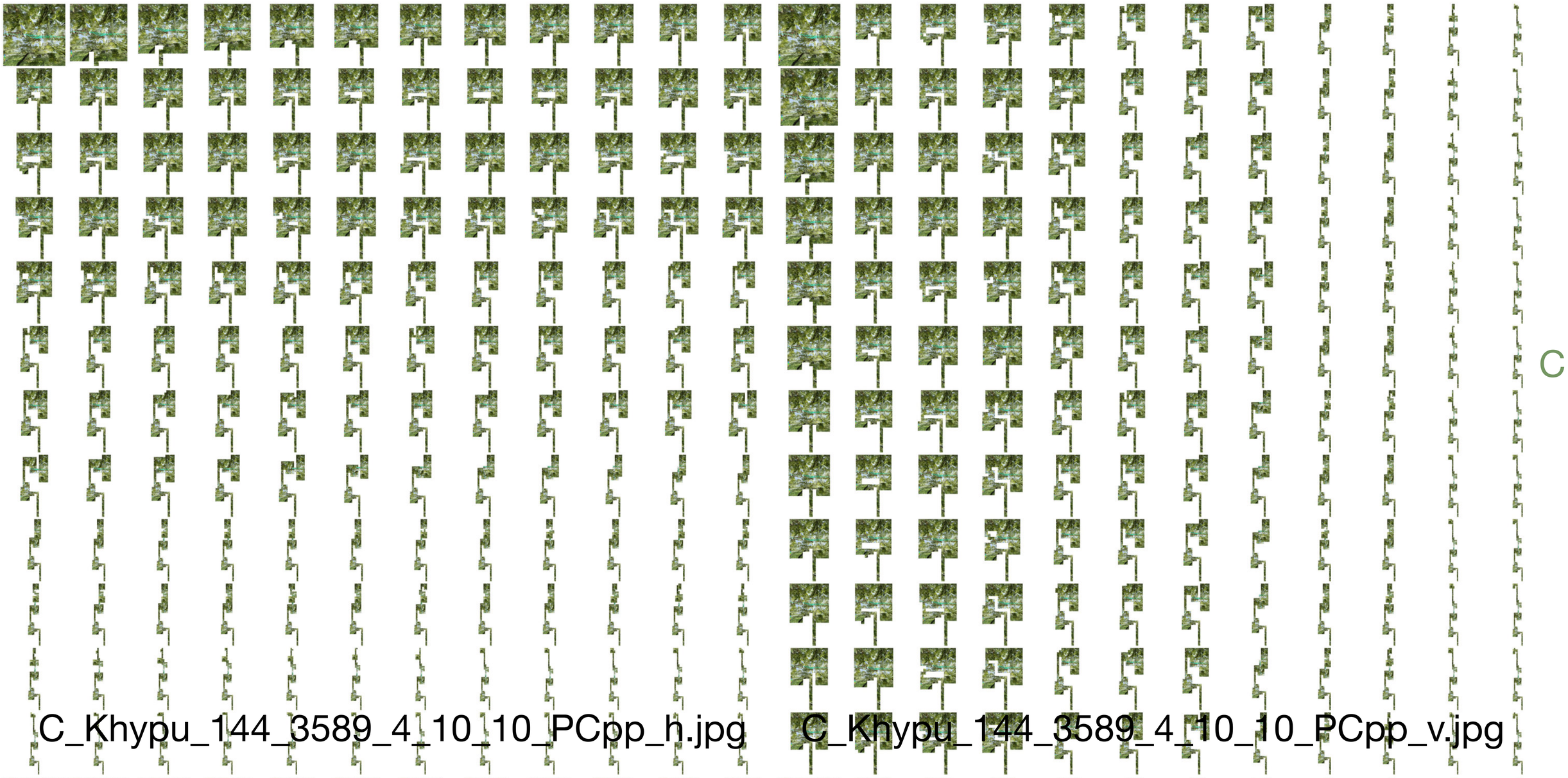
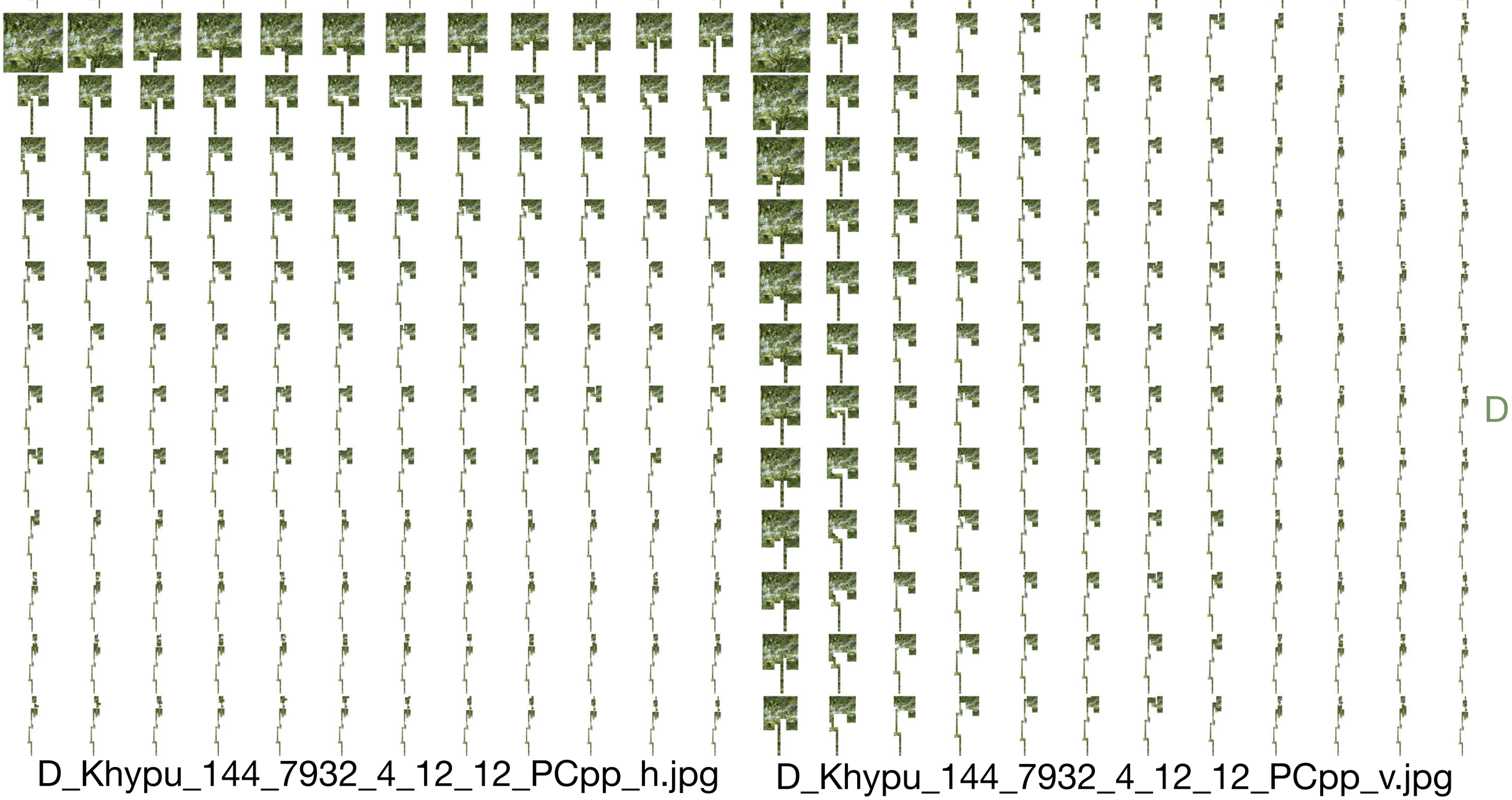
39PegChemi3_fSFcvh_00.jpg
10000
1000
100
10
1


39PegChemi3_A.jpg
39PegChemi3_B.jpg
39PegChemi3_C.jpg
39PegChemi3_D.jpg

A
A_Khypu_144_1415_4_20_26_PCpp_h.jpg
A_Khypu_144_1415_4_20_26_PCpp_v.jpg
B
B_Khypu_144_9265_4_10_10_PCpp_h.jpeg
B_Khypu_144_9265_4_10_10_PCpp_v.jpg

```
Last login: Sun May 18 22:38:58 on ttys002
rene@R2mac 39PegChemi3_A_Pi % Python3.9 Kipu.py 39PegChemi3_A.png

Specify a value to translate :
1415

Specify an amplitude for the value (ex : 2, Each value is translated using twice as many squares.) :
4
Total : 44

Specify a start at the bottom of the rope :
20

Specify a gap between nodes :
26
Taille des carrés : 333
Carrés par lignes : 12
Carrés par colonnes : 12
Nombre de carré : 144
Valeur : 1415
Amplitude : 4
Total value : 44
Amorce : 20
Ecart : 26
Calcul : 142

Do you want to save images as jpeg too ? Chose an option :
You must answer with letter 'y' or 'n'.
y
Directory 'Khypu_144_1415_4_20_26_png' created successfully.
Directory 'Khypu_144_1415_4_20_26_jpeg' created successfully.
100%|▓▓▓
```


C
C_Khypu_144_3589_4_10_10_PCpp_h.jpg
C_Khypu_144_3589_4_10_10_PCpp_v.jpg


D
D_Khypu_144_7932_4_12_12_PCpp_h.jpg
D_Khypu_144_7932_4_12_12_PCpp_v.jpg

```
Last login: Mon May 19 09:07:55 on ttys000
rene@R2mac 39PegChemi3_C_Pi % python3.9 PC_creator.py Khypu_144_3589_4_10_10_jpeg
/usr/local/bin/python3.9: can't open file '/Users/rene/Documents/travail/Péguilhan55/Péguilhan55_2025/Péguilhan55_202505/
PéguilhanLasserrechemin_20250509/39PegChemi3/39PegChemi3_Pi/39PegChemi3_C_Pi/PC_creator.py': [Errno 2] No such file or
directory
rene@R2mac 39PegChemi3_C_Pi % python3.9 PC_creator.py Khypu_144_3589_4_10_10_jpeg
Number of image : 144
2664
2664
----------Chose between the following grid size choice----------
1 : 12 x 12. Total of 144 images with 0 blank images. No blank space to add between images.
2 : 13 x 12. Total of 156 images with 12 blank images. There will be a horizontaly blank space of 222 piexls between images.
3 : 12 x 13. Total of 156 images with 12 blank images. There will be a verticaly blank space of 222 piexls between images.
4 : 13 x 13. Total of 169 images with 25 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
!!! Your must enter a numerical value. (ex : 2) !!!
----------Chose between the following grid size choice----------
1 : 12 x 12. Total of 144 images with 0 blank images. No blank space to add between images.
2 : 13 x 12. Total of 156 images with 12 blank images. There will be a horizontaly blank space of 222 piexls between images.
3 : 12 x 13. Total of 156 images with 12 blank images. There will be a verticaly blank space of 222 piexls between images.
4 : 13 x 13. Total of 169 images with 25 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1
Chosen grid : 12 x 12 (colones x rows)
Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
h
WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y
How much blank in pixels do you want to add ?
50
Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 33268 x 33268
Creating final image
Final image created !
Combining images...
100%|################################################################################| 12/12 [00:56<00:00,  4.71s/
it]
writing legend...                                                    Saving image...
Image save at : Khypu_144_3589_4_10_10_jpeg_PC/Khypu_144_3589_4_10_10_jpeg_PC.png
writing legend...Saving image...
Image save at : Khypu_144_3589_4_10_10_jpeg_PCp/Khypu_144_3589_4_10_10_jpeg_PCp.png
Reducing image...writing legend...
Saving reduced image...
Reduced image save at : Khypu_144_3589_4_10_10_jpeg_PCpp/Khypu_144_3589_4_10_10_jpeg_PCpp
rene@R2mac 39PegChemi3_C_Pi %
```

Khypu_144_3589_4_10_10_h_PC_Résultat de Terminal_C.txt

```
Last login: Mon May 19 09:07:55 on ttys000
rene@R2mac 39PegChemi3_C_Pi % python3.9 PC_creator.py Khypu_144_3589_4_10_10_jpeg
/usr/local/bin/python3.9: can't open file '/Users/rene/Documents/travail/Péguilhan55/Péguilhan55_2025/Péguilhan55_202505/
PéguilhanLasserrechemin_20250509/39PegChemi3/39PegChemi3_Pi/39PegChemi3_C_Pi/PC_creator.py': [Errno 2] No such file or
directory
rene@R2mac 39PegChemi3_C_Pi % python3.9 PC_creator.py Khypu_144_3589_4_10_10_jpeg
Number of image : 144
2664
2664
----------Chose between the following grid size choice----------
1 : 12 x 12. Total of 144 images with 0 blank images. No blank space to add between images.
2 : 13 x 12. Total of 156 images with 12 blank images. There will be a horizontaly blank space of 222 piexls between images.
3 : 12 x 13. Total of 156 images with 12 blank images. There will be a verticaly blank space of 222 piexls between images.
4 : 13 x 13. Total of 169 images with 25 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
!!! Your must enter a numerical value. (ex : 2) !!!
----------Chose between the following grid size choice----------
1 : 12 x 12. Total of 144 images with 0 blank images. No blank space to add between images.
2 : 13 x 12. Total of 156 images with 12 blank images. There will be a horizontaly blank space of 222 piexls between images.
3 : 12 x 13. Total of 156 images with 12 blank images. There will be a verticaly blank space of 222 piexls between images.
4 : 13 x 13. Total of 169 images with 25 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1
Chosen grid : 12 x 12 (colones x rows)
Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
h
WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y
How much blank in pixels do you want to add ?
50

Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 33268 x 33268
Creating final image.    Final image created !       Combining images...
100%|################################################################################| 12/12 [00:56<00:00,  4.71s/it]
writing legend...                                                    Saving image...
Image save at : Khypu_144_3589_4_10_10_jpeg_PC/Khypu_144_3589_4_10_10_jpeg_PC.png
writing legend…. Saving image...
Image save at : Khypu_144_3589_4_10_10_jpeg_PCp/Khypu_144_3589_4_10_10_jpeg_PCp.png
Reducing image...writing legend…
Saving reduced image...
Reduced image save at : Khypu_144_3589_4_10_10_jpeg_PCpp/Khypu_144_3589_4_10_10_jpeg_PCpp
rene@R2mac 39PegChemi3_C_Pi %
```

Khypu_144_3589_4_10_10_v_PC_Résultat de Terminal_C.txt

C

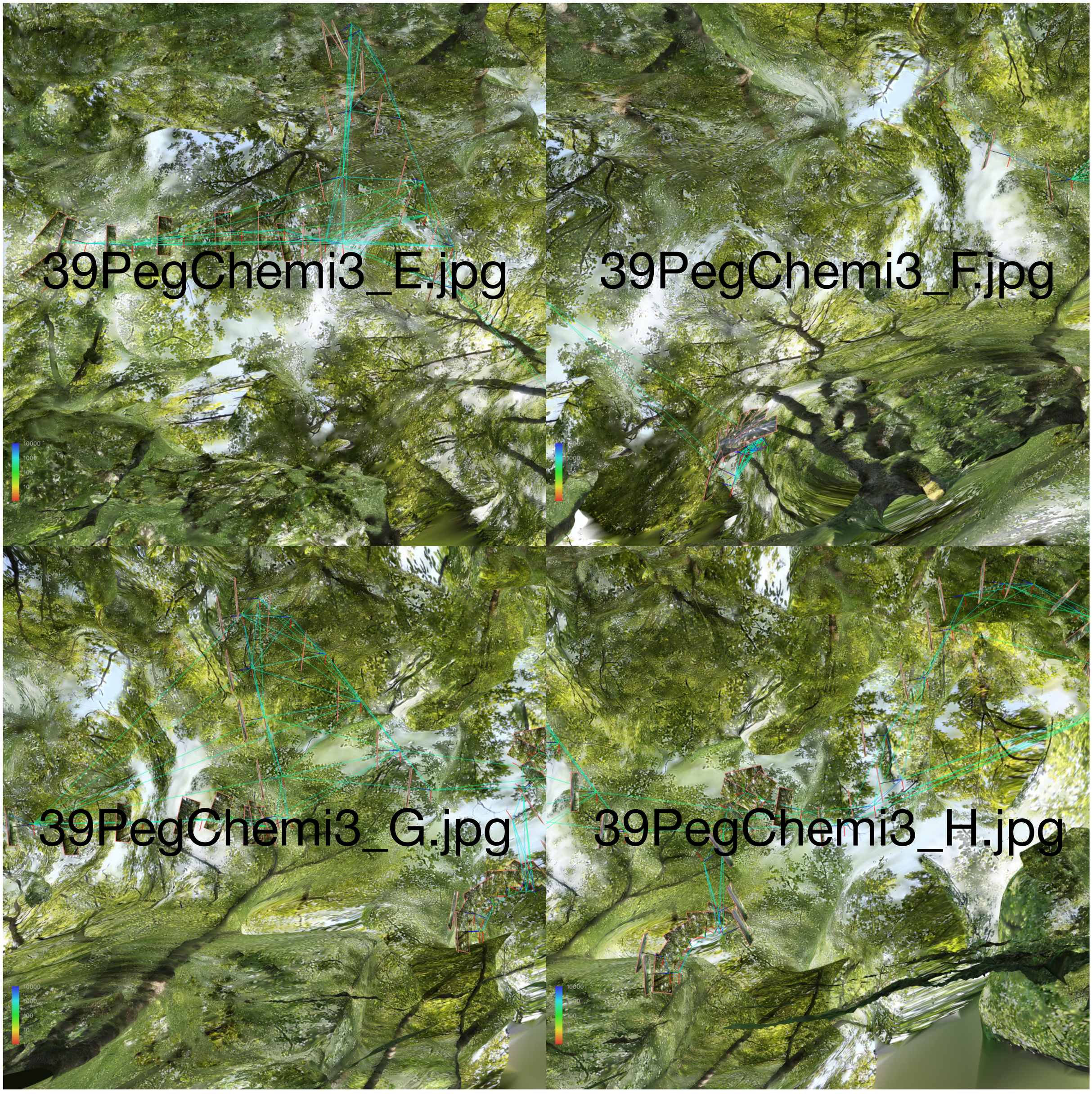
```
Last login: Mon May 19 10:18:50 on ttys002
rene@R2mac 39PegChemi3_D_Pi % python3.9 PC_creator.py Khypu_144_7932_4_12_12_jpeg
Number of image : 144
2997
2997

----------Chose between the following grid size choice----------
1 : 12 x 12. Total of 144 images with 0 blank images. No blank space to add between images.
2 : 13 x 12. Total of 156 images with 12 blank images. There will be a horizontaly blank space of 250 piexls between images.
3 : 12 x 13. Total of 156 images with 12 blank images. There will be a verticaly blank space of 250 piexls between images.
4 : 13 x 13. Total of 169 images with 25 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1

Chosen grid : 12 x 12 (colones x rows)

Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
h

WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y

How much blank in pixels do you want to add ?
50

Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 33448 x 33448
Creating final image
Final image created !
Combining images...
100%|################################################################################| 12/12 [01:20<00:00,  6.74s/
it]
writing legend...
Saving image...
Image save at : Khypu_144_7932_4_12_12_jpeg_PC/Khypu_144_7932_4_12_12_jpeg_PC.png
writing legend...
Saving image...
Image save at : Khypu_144_7932_4_12_12_jpeg_PCp/Khypu_144_7932_4_12_12_jpeg_PCp.png
Reducing image...
writing legend...
Saving reduced image...
Reduced image save at : Khypu_144_7932_4_12_12_jpeg_PCpp/Khypu_144_7932_4_12_12_jpeg_PCpp
rene@R2mac 39PegChemi3_D_Pi %
```

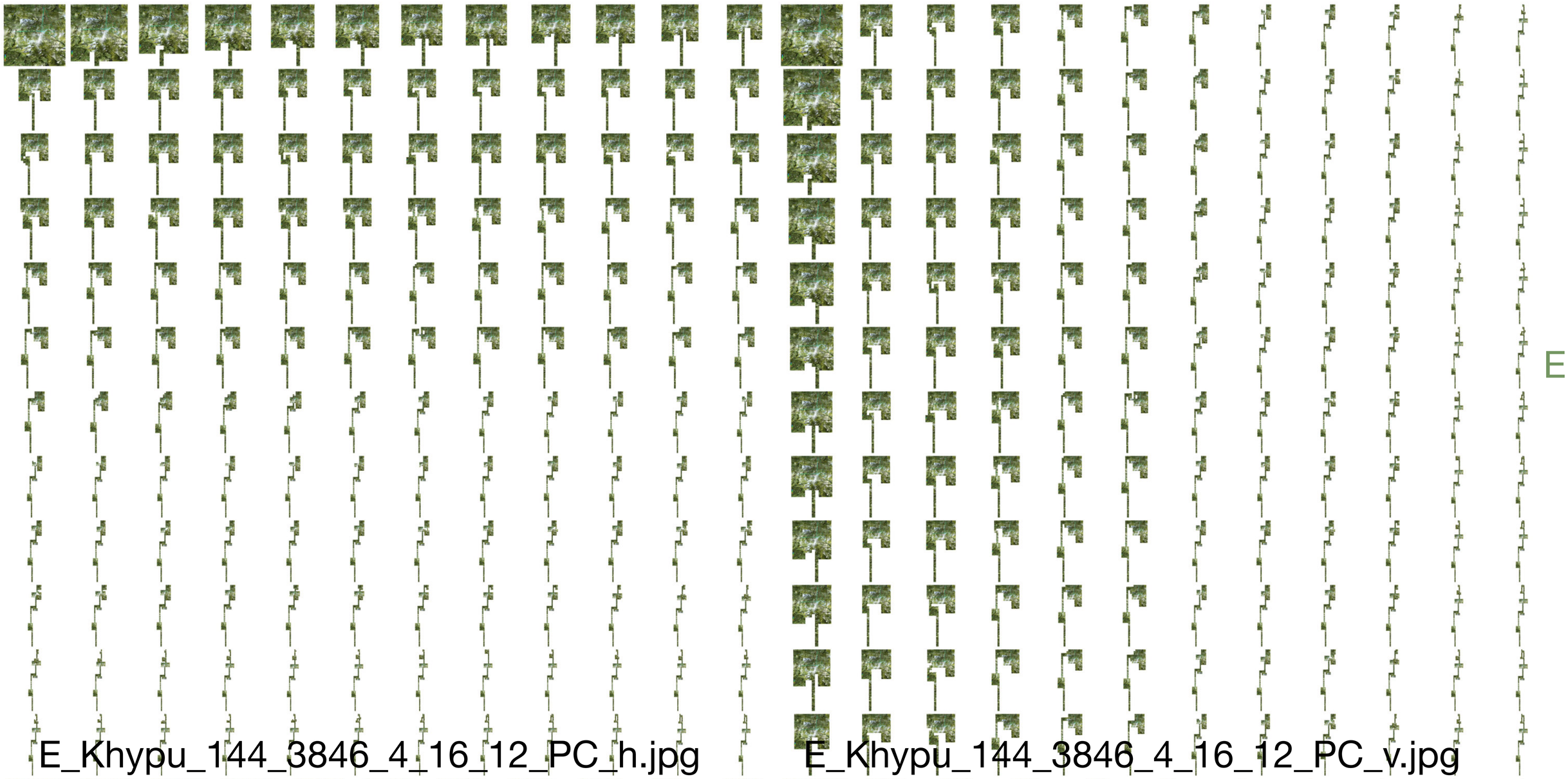
Khypu_144_7932_4_12_12_PC_h_Résultat de Terminal_D.txt

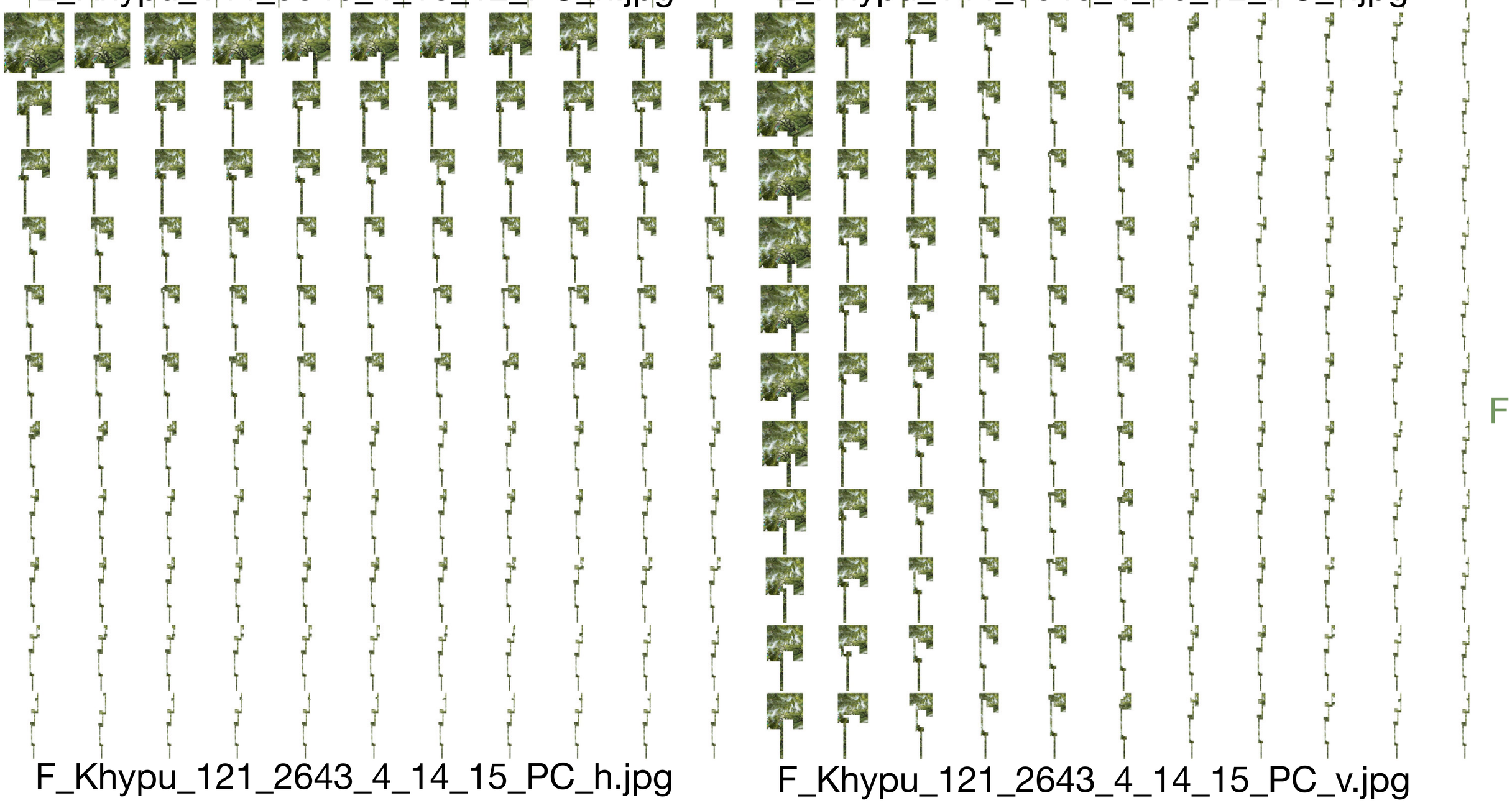
```
Last login: Mon May 19 10:51:26 on ttys000
rene@R2mac 39PegChemi3_D_Pi % python3.9 PC_creator.py Khypu_144_7932_4_12_12_image_p
Number of image : 144
2997
2997

----------Chose between the following grid size choice----------
1 : 12 x 12. Total of 144 images with 0 blank images. No blank space to add between images.
2 : 13 x 12. Total of 156 images with 12 blank images. There will be a horizontaly blank space of 250 piexls between images.
3 : 12 x 13. Total of 156 images with 12 blank images. There will be a verticaly blank space of 250 piexls between images.
4 : 13 x 13. Total of 169 images with 25 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1

Chosen grid : 12 x 12 (colones x rows)

Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
v

WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y

How much blank in pixels do you want to add ?
50

Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 33448 x 33448
Creating final image
Final image created !
Combining images...
100%|################################################################################| 12/12 [01:21<00:00,  6.76s/
it]
writing legend...
Saving image...
Image save at : Khypu_144_7932_4_12_12_image_PC/Khypu_144_7932_4_12_12_image_PC.png
writing legend...
Saving image...
Image save at : Khypu_144_7932_4_12_12_image_PCp/Khypu_144_7932_4_12_12_image_PCp.png
Reducing image...
writing legend...
Saving reduced image...
Reduced image save at : Khypu_144_7932_4_12_12_image_PCpp/Khypu_144_7932_4_12_12_image_PCpp
rene@R2mac 39PegChemi3_D_Pi %
```

Khypu_144_7932_4_12_12_PC_v_Résultat de Terminal_D.txt

D


39PegChemi3_E.jpg
39PegChemi3_F.jpg
39PegChemi3_G.jpg
39PegChemi3_H.jpg


E
E_Khypu_144_3846_4_16_12_PC_h.jpg
E_Khypu_144_3846_4_16_12_PC_v.jpg


F
F_Khypu_121_2643_4_14_15_PC_h.jpg
F_Khypu_121_2643_4_14_15_PC_v.jpg

```
Last login: Mon May 19 11:15:41 on ttys000
rene@R2mac 39PegChemi3_E_Pi % python3.9 PC_creator.py Khypu_144_3846_4_16_12_images
Number of image : 144
3330
3330

----------Chose between the following grid size choice----------
1 : 12 x 12. Total of 144 images with 0 blank images. No blank space to add between images.
2 : 13 x 12. Total of 156 images with 12 blank images. There will be a horizontaly blank space of 278 piexls between images.
3 : 12 x 13. Total of 156 images with 12 blank images. There will be a verticaly blank space of 278 piexls between images.
4 : 13 x 13. Total of 169 images with 25 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1

Chosen grid : 12 x 12 (colones x rows)

Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
h

WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y

How much blank in pixels do you want to add ?
50

Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 33617 x 33617
Creating final image
Final image created !
Combining images...
100%|[redacted]| 12/12 [03:36<00:00, 18.08s/
it]
writing legend...
Saving image...
Image save at : Khypu_144_3846_4_16_12_images_PC/Khypu_144_3846_4_16_12_images_PC.png
writing legend...
Saving image...
Image save at : Khypu_144_3846_4_16_12_images_PCp/Khypu_144_3846_4_16_12_images_PCp.png
Reducing image...
writing legend...
Saving reduced image...
Reduced image save at : Khypu_144_3846_4_16_12_images_PCpp/Khypu_144_3846_4_16_12_images_PCpp
rene@R2mac 39PegChemi3_E_Pi %
```

Khypu_144_3846_4_16_12_PC_h_Résultat de Terminal_E.txt

```
Last login: Mon May 19 11:15:41 on ttys000
rene@R2mac 39PegChemi3_E_Pi % python3.9 PC_creator.py Khypu_144_3846_4_16_12_images
Number of image : 144
3330
3330

----------Chose between the following grid size choice----------
1 : 12 x 12. Total of 144 images with 0 blank images. No blank space to add between images.
2 : 13 x 12. Total of 156 images with 12 blank images. There will be a horizontaly blank space of 278 piexls between images.
3 : 12 x 13. Total of 156 images with 12 blank images. There will be a verticaly blank space of 278 piexls between images.
4 : 13 x 13. Total of 169 images with 25 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1

Chosen grid : 12 x 12 (colones x rows)

Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
v

WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y

How much blank in pixels do you want to add ?
50

Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 33617 x 33617
Creating final image
Final image created !
Combining images...
100%|[redacted]| 12/12 [03:36<00:00, 18.08s/
it]
writing legend...
Saving image...
Image save at : Khypu_144_3846_4_16_12_images_PC/Khypu_144_3846_4_16_12_images_PC.png
writing legend...
Saving image...
Image save at : Khypu_144_3846_4_16_12_images_PCp/Khypu_144_3846_4_16_12_images_PCp.png
Reducing image...
writing legend...
Saving reduced image...
Reduced image save at : Khypu_144_3846_4_16_12_images_PCpp/Khypu_144_3846_4_16_12_images_PCpp
rene@R2mac 39PegChemi3_E_Pi %
```

Khypu_144_3846_4_16_12_PC_v_Résultat de Terminal_E.txt

E

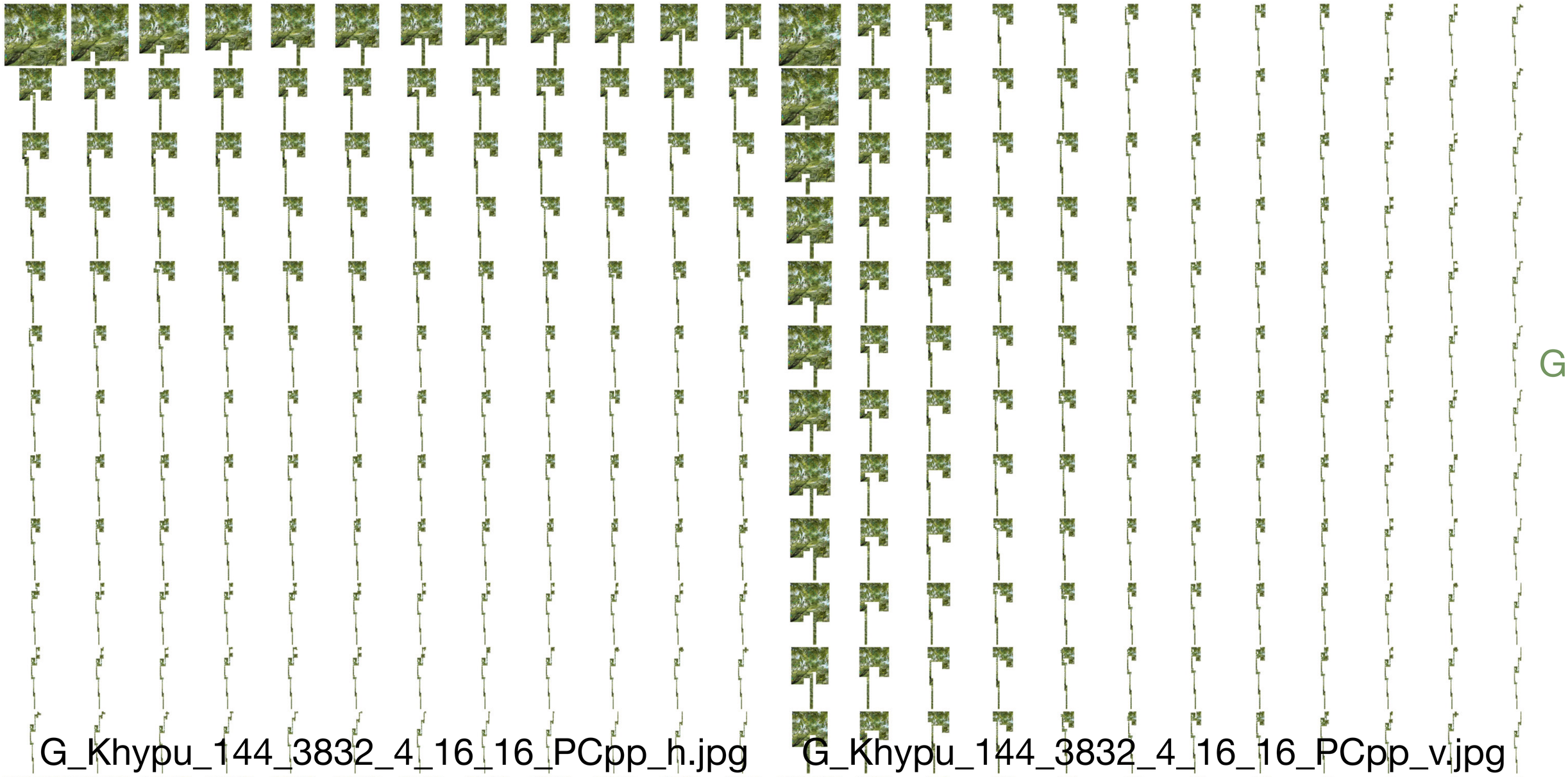
```
Last login: Mon May 19 13:57:25 on ttys000
rene@R2mac 39PegChemi3_F_Pi % python3.9 PC_creator.py Khypu_121_2643_4_14_15_images_p
Number of image : 121
2548
2548

----------Chose between the following grid size choice----------
1 : 11 x 11. Total of 121 images with 0 blank images. No blank space to add between images.
2 : 12 x 11. Total of 132 images with 11 blank images. There will be a horizontaly blank space of 232 piexls between images.
3 : 11 x 12. Total of 132 images with 11 blank images. There will be a verticaly blank space of 232 piexls between images.
4 : 12 x 12. Total of 144 images with 23 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1

Chosen grid : 11 x 11 (colones x rows)

Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
h

WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y

How much blank in pixels do you want to add ?
50

Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 29084 x 29084
Creating final image
Final image created !
Combining images...
100%|[redacted]| 11/11 [01:09<00:00, 6.36s/
it]
writing legend...
Saving image...
Image save at : Khypu_121_2643_4_14_15_images_PC/Khypu_121_2643_4_14_15_images_PC.png
writing legend...
Saving image...
Image save at : Khypu_121_2643_4_14_15_images_PCp/Khypu_121_2643_4_14_15_images_PCp.png
Reducing image...
writing legend...
Saving reduced image...
Reduced image save at : Khypu_121_2643_4_14_15_images_PCpp/Khypu_121_2643_4_14_15_images_PCpp
rene@R2mac 39PegChemi3_F_Pi %
```

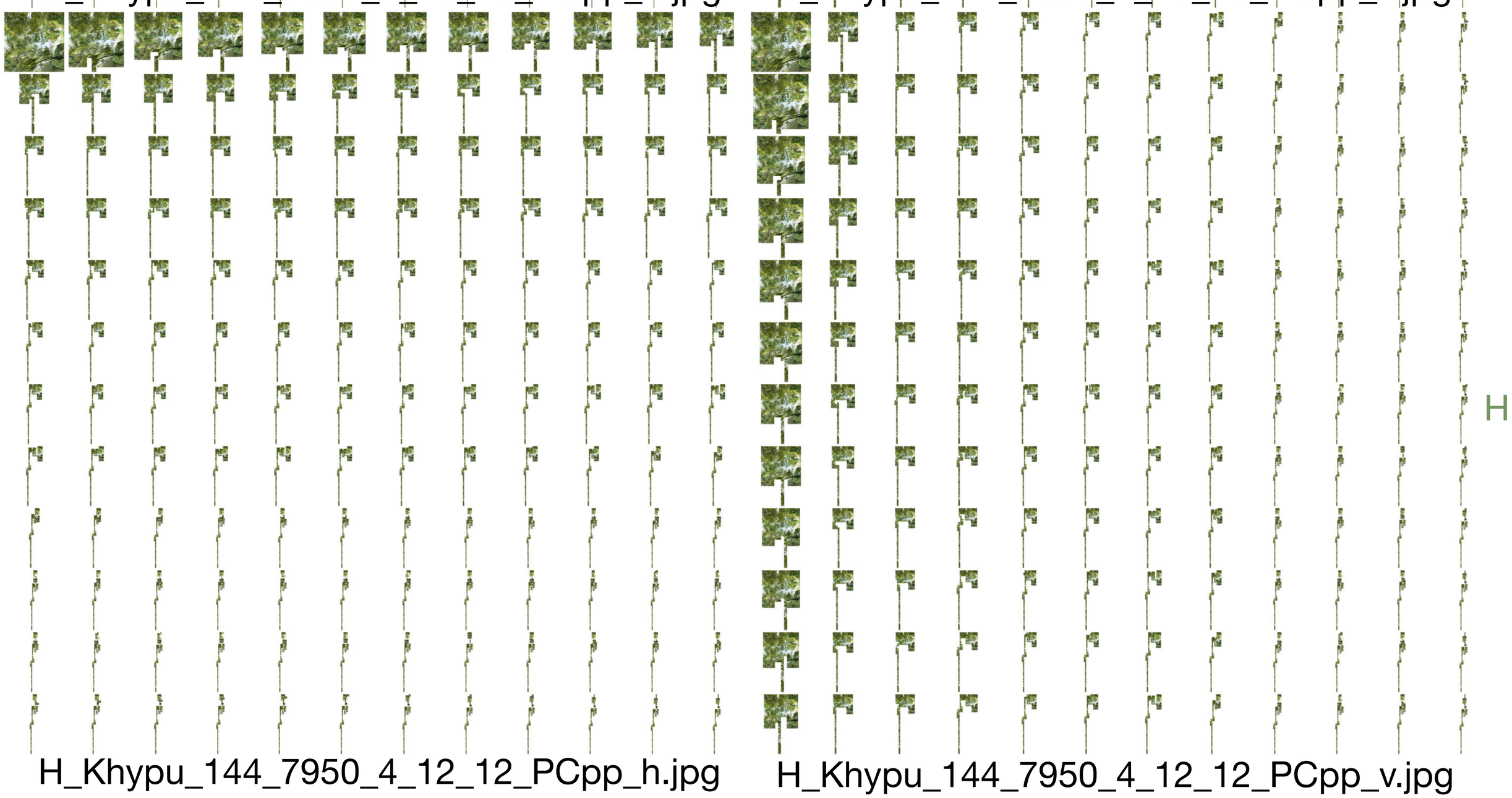
Khypu_121_2643_4_14_15_PC_h_Résultat de Terminal_F.txt

```
Last login: Mon May 19 14:27:39 on ttys002
rene@R2mac 39PegChemi3_F_Pi % python3.9 PC_creator.py Khypu_121_2643_4_14_15_images_p
Number of image : 121
2548
2548

----------Chose between the following grid size choice----------
1 : 11 x 11. Total of 121 images with 0 blank images. No blank space to add between images.
2 : 12 x 11. Total of 132 images with 11 blank images. There will be a horizontaly blank space of 232 piexls between images.
3 : 11 x 12. Total of 132 images with 11 blank images. There will be a verticaly blank space of 232 piexls between images.
4 : 12 x 12. Total of 144 images with 23 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1

Chosen grid : 11 x 11 (colones x rows)

Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
v

WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y

How much blank in pixels do you want to add ?
50

Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 29084 x 29084
Creating final image
Final image created !
Combining images...
100%|[redacted]| 11/11 [01:09<00:00, 6.32s/
it]
writing legend...
Saving image...
Image save at : Khypu_121_2643_4_14_15_images_PC/Khypu_121_2643_4_14_15_images_PC.png
writing legend...
Saving image...
Image save at : Khypu_121_2643_4_14_15_images_PCp/Khypu_121_2643_4_14_15_images_PCp.png
Reducing image...
writing legend...
Saving reduced image...
Reduced image save at : Khypu_121_2643_4_14_15_images_PCpp/Khypu_121_2643_4_14_15_images_PCpp
rene@R2mac 39PegChemi3_F_Pi %
```

Khypu_121_2643_4_14_15_PC_v_Résultat de Terminal_F.txt

F


G
G_Khypu_144_3832_4_16_16_PCpp_h.jpg
G_Khypu_144_3832_4_16_16_PCpp_v.jpg


H
H_Khypu_144_7950_4_12_12_PCpp_h.jpg
H_Khypu_144_7950_4_12_12_PCpp_v.jpg

```
Last login: Mon May 19 14:37:42 on ttys001
rene@R2mac 39PegChemi3_G_Pi % python3.9 PC_creator.py Khypu_144_3832_4_16_16_image_p
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (90485424 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.
warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (94477428 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.
warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (97138764 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.
warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (90263646 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.
warnings.warn(
Number of image : 144
1998
1998
----------Chose between the following grid size choice----------
1 : 12 x 12. Total of 144 images with 0 blank images. No blank space to add between images.
2 : 13 x 12. Total of 156 images with 12 blank images. There will be a horizontaly blank space of 166 piexls between images.
3 : 12 x 13. Total of 156 images with 12 blank images. There will be a verticaly blank space of 166 piexls between images.
4 : 13 x 13. Total of 169 images with 25 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1
Chosen grid : 12 x 12 (colones x rows)
Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
h
WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y
How much blank in pixels do you want to add ?
50
Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 24951 x 24951
Creating final image
Final image created !
Combining images...
100%|____________________________________________________| 12/12 [01:16<00:00,  6.41s/it]
writing legend...                                   Saving image...
Image save at : Khypu_144_3832_4_16_16_image_PC/Khypu_144_3832_4_16_16_image_PC.png
writing legend…                                     Saving image...
Image save at : Khypu_144_3832_4_16_16_image_PCp/Khypu_144_3832_4_16_16_image_PCp.png
Reducing image…       writing legend...
Saving reduced image...
Reduced image save at : Khypu_144_3832_4_16_16_image_PCpp/Khypu_144_3832_4_16_16_image_PCpp
rene@R2mac 39PegChemi3_G_Pi %
```

Khypu_144_3832_4_16_16_PC_h_Résultat de Terminal_G.txt

```
Last login: Mon May 19 15:13:39 on ttys000
rene@R2mac 39PegChemi3_G_Pi % Python3.9 PC_creator.py Khypu_144_3832_4_16_16_image_p
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (90485424 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.
warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (94477428 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.
warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (97138764 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.
warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (90263646 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.
warnings.warn(
Number of image : 144
1998
1998
----------Chose between the following grid size choice----------
1 : 12 x 12. Total of 144 images with 0 blank images. No blank space to add between images.
2 : 13 x 12. Total of 156 images with 12 blank images. There will be a horizontaly blank space of 166 piexls between images.
3 : 12 x 13. Total of 156 images with 12 blank images. There will be a verticaly blank space of 166 piexls between images.
4 : 13 x 13. Total of 169 images with 25 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1
Chosen grid : 12 x 12 (colones x rows)
Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
v
WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y
How much blank in pixels do you want to add ?
50
Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 24951 x 24951
Creating final image
Final image created !
Combining images...
100%|____________________________________________________| 12/12 [01:16<00:00,  6.38s/it]
writing legend...                                   Saving image...
Image save at : Khypu_144_3832_4_16_16_image_PC/Khypu_144_3832_4_16_16_image_PC.png
writing legend….                                    Saving image...
Image save at : Khypu_144_3832_4_16_16_image_PCp/Khypu_144_3832_4_16_16_image_PCp.png
Reducing image...writing legend...
Saving reduced image...
Reduced image save at : Khypu_144_3832_4_16_16_image_PCpp/Khypu_144_3832_4_16_16_image_PCpp
rene@R2mac 39PegChemi3_G_Pi %
```

Khypu_144_3832_4_16_16_PC_v_Résultat de Terminal_G.txt

G

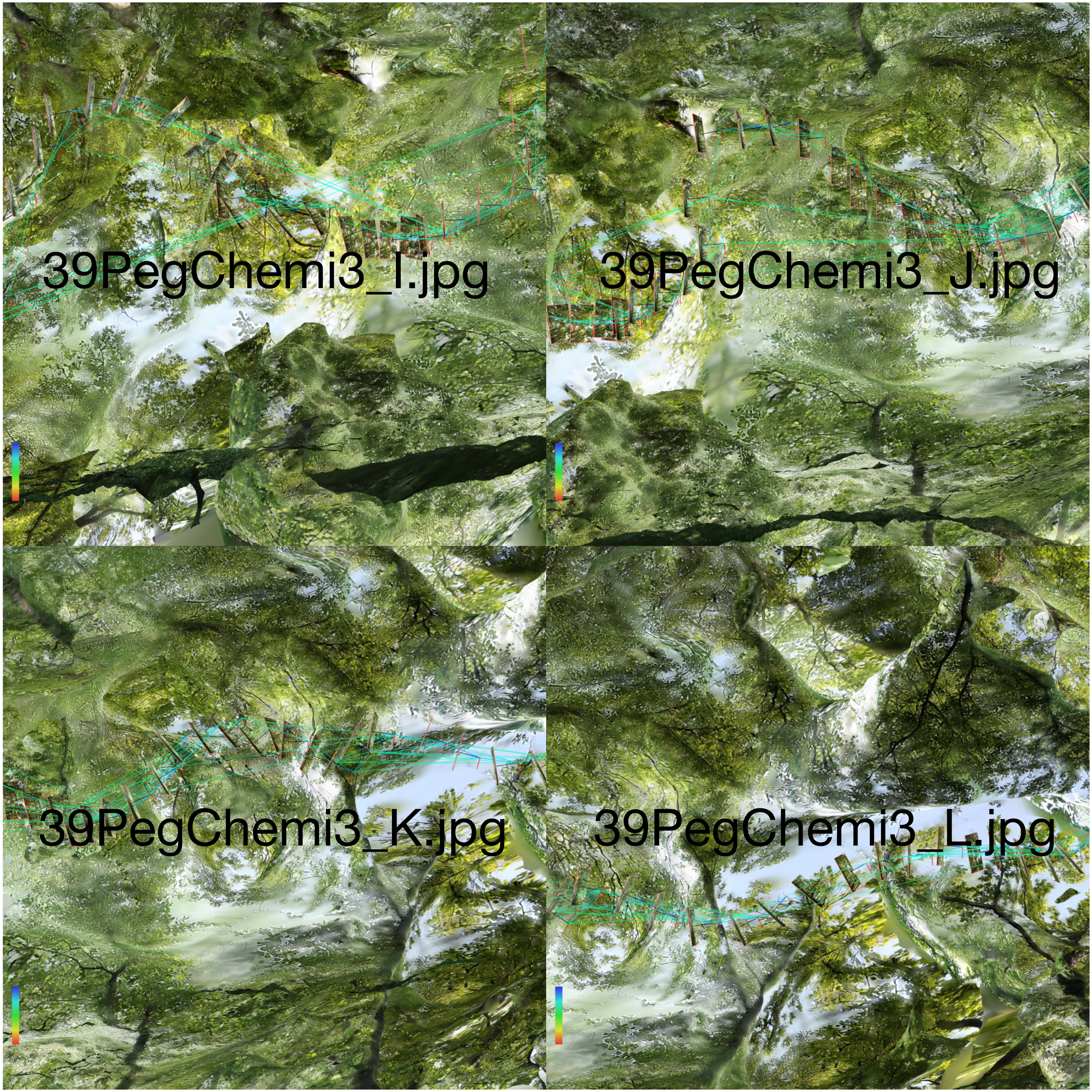
```
Last login: Mon May 19 15:31:09 on ttys003
rene@R2mac 39PegChemi3_H_Pi % python3.9 PC_creator.py Khypu_144_7950_4_12_12_jpeg
Number of image : 144
2664
2664

----------Chose between the following grid size choice----------
1 : 12 x 12. Total of 144 images with 0 blank images. No blank space to add between images.
2 : 13 x 12. Total of 156 images with 12 blank images. There will be a horizontaly blank space of 222 piexls between images.
3 : 12 x 13. Total of 156 images with 12 blank images. There will be a verticaly blank space of 222 piexls between images.
4 : 13 x 13. Total of 169 images with 25 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1

Chosen grid : 12 x 12 (colones x rows)

Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
h

WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y

How much blank in pixels do you want to add ?
50

Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 33268 x 33268
Creating final image
Final image created !
Combining images...
100%|____________________________________________________| 12/12 [01:22<00:00,  6.87s/it]
writing legend...
Saving image...
Image save at : Khypu_144_7950_4_12_12_jpeg_PC/Khypu_144_7950_4_12_12_jpeg_PC.png
writing legend...
Saving image...
Image save at : Khypu_144_7950_4_12_12_jpeg_PCp/Khypu_144_7950_4_12_12_jpeg_PCp.png
Reducing image...
writing legend...
Saving reduced image...
Reduced image save at : Khypu_144_7950_4_12_12_jpeg_PCpp/Khypu_144_7950_4_12_12_jpeg_PCpp
rene@R2mac 39PegChemi3_H_Pi %
```

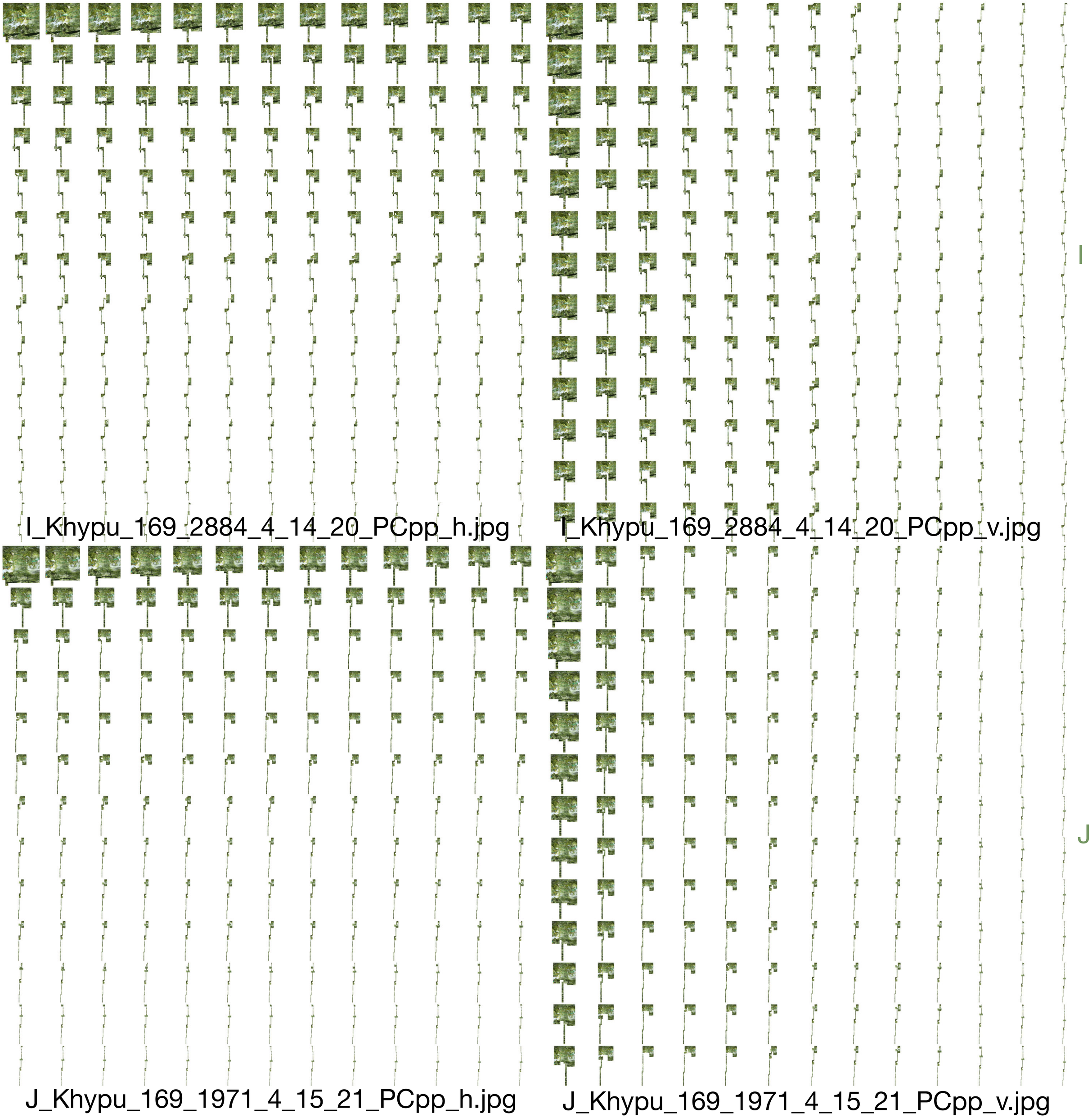
Khypu_144_7950_4_12_12_PC_h_Résultat de Terminal_H.txt

```
Last login: Mon May 19 15:55:23 on ttys001
rene@R2mac 39PegChemi3_H_Pi % Python3.9 PC_creator.py Khypu_144_7950_4_12_12_jpeg
Number of image : 144
2664
2664

----------Chose between the following grid size choice----------
1 : 12 x 12. Total of 144 images with 0 blank images. No blank space to add between images.
2 : 13 x 12. Total of 156 images with 12 blank images. There will be a horizontaly blank space of 222 piexls between images.
3 : 12 x 13. Total of 156 images with 12 blank images. There will be a verticaly blank space of 222 piexls between images.
4 : 13 x 13. Total of 169 images with 25 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1

Chosen grid : 12 x 12 (colones x rows)

Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
v

WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y

How much blank in pixels do you want to add ?
50

Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 33268 x 33268
Creating final image
Final image created !
Combining images...
100%|____________________________________________________| 12/12 [01:22<00:00,  6.83s/it]
writing legend...
Saving image...
Image save at : Khypu_144_7950_4_12_12_jpeg_PC/Khypu_144_7950_4_12_12_jpeg_PC.png
writing legend...
Saving image...
Image save at : Khypu_144_7950_4_12_12_jpeg_PCp/Khypu_144_7950_4_12_12_jpeg_PCp.png
Reducing image...
writing legend...
Saving reduced image...
Reduced image save at : Khypu_144_7950_4_12_12_jpeg_PCpp/Khypu_144_7950_4_12_12_jpeg_PCpp
rene@R2mac 39PegChemi3_H_Pi %
```

Khypu_144_7950_4_12_12_PC_v_Résultat de Terminal_H.txt

H


39PegChemi3_I.jpg
39PegChemi3_J.jpg
39PegChemi3_K.jpg
39PegChemi3_L.jpg


I
J
I_Khypu_169_2884_4_14_20_PCpp_h.jpg
I_Khypu_169_2884_4_14_20_PCpp_v.jpg
J_Khypu_169_1971_4_15_21_PCpp_h.jpg
J_Khypu_169_1971_4_15_21_PCpp_v.jpg

```
Last login: Mon May 19 16:13:13 on ttys001
rene@R2mac 39PegChemi3_I_Pi % python3.9 PC_creator.py Khypu_169_2884_4_14_20_images_p
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (89646480 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack. warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (93346176 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack. warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (102358256 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack. warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (111560064 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack. warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (112888160 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack. warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (106057952 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack. warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (114216256 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack. warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (120951600 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack. warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (104824720 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack. warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (107291184 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack. warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (116872448 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack. warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (126643440 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack. warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (136604160 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack. warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (103591488 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack. warnings.warn(
Number of image : 169
3388
3388
----------Chose between the following grid size choice----------
1 : 13 x 13. Total of 169 images with 0 blank images. No blank space to add between images.
2 : 14 x 13. Total of 182 images with 13 blank images. There will be a horizontaly blank space of 261 piexls between images.
3 : 13 x 14. Total of 182 images with 13 blank images. There will be a verticaly blank space of 261 piexls between images.
4 : 14 x 14. Total of 196 images with 27 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1
Chosen grid : 13 x 13 (colones x rows)
Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
h
WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y
How much blank in pixels do you want to add ?
50
Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 33925 x 33925
Creating final image
Final image created !
Combining images...
100%|____________________________________________________________| 13/13 [01:53<00:00,  8.74s/it]
writing legend...
Saving image...
Image save at : Khypu_169_2884_4_14_20_images_PC/Khypu_169_2884_4_14_20_images_PC.png
writing legend...
Saving image...
Image save at : Khypu_169_2884_4_14_20_images_PCp/Khypu_169_2884_4_14_20_images_PCp.png
Reducing image...
writing legend...
Saving reduced image...
Reduced image save at : Khypu_169_2884_4_14_20_images_PCpp/Khypu_169_2884_4_14_20_images_PCpp
rene@R2mac 39PegChemi3_I_Pi %
```

Khypu_169_2884_4_14_20_PC_h_Résultat de Terminal_I.txt

```
Last login: Mon May 19 17:43:28 on ttys002
rene@R2mac 39PegChemi3_I_Pi % Python3.9 PC_creator.py Khypu_169_2884_4_14_20_images_p
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (89646480 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (93346176 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (102358256 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (111560064 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (112888160 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (106057952 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (114216256 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (120951600 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (104824720 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (107291184 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (116872448 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (126643440 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (136604160 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (103591488 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
Number of image : 169
3388
3388
----------Chose between the following grid size choice----------
1 : 13 x 13. Total of 169 images with 0 blank images. No blank space to add between images.
2 : 14 x 13. Total of 182 images with 13 blank images. There will be a horizontaly blank space of 261 piexls between images.
3 : 13 x 14. Total of 182 images with 13 blank images. There will be a verticaly blank space of 261 piexls between images.
4 : 14 x 14. Total of 196 images with 27 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1
Chosen grid : 13 x 13 (colones x rows)
Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
v
WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y
How much blank in pixels do you want to add ?
50
Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 33925 x 33925
Creating final image
Final image created !
Combining images...
100%|____________________________________________________________| 13/13 [01:50<00:00,  8.54s/it]
writing legend...
Saving image...
Image save at : Khypu_169_2884_4_14_20_images_PC/Khypu_169_2884_4_14_20_images_PC.png
writing legend...
Saving image...
Image save at : Khypu_169_2884_4_14_20_images_PCp/Khypu_169_2884_4_14_20_images_PCp.png
Reducing image...
writing legend...
Saving reduced image...
Reduced image save at : Khypu_169_2884_4_14_20_images_PCpp/Khypu_169_2884_4_14_20_images_PCpp
rene@R2mac 39PegChemi3_I_Pi %
```

Khypu_169_2884_4_14_20_PC_v_Résultat de Terminal_I.txt

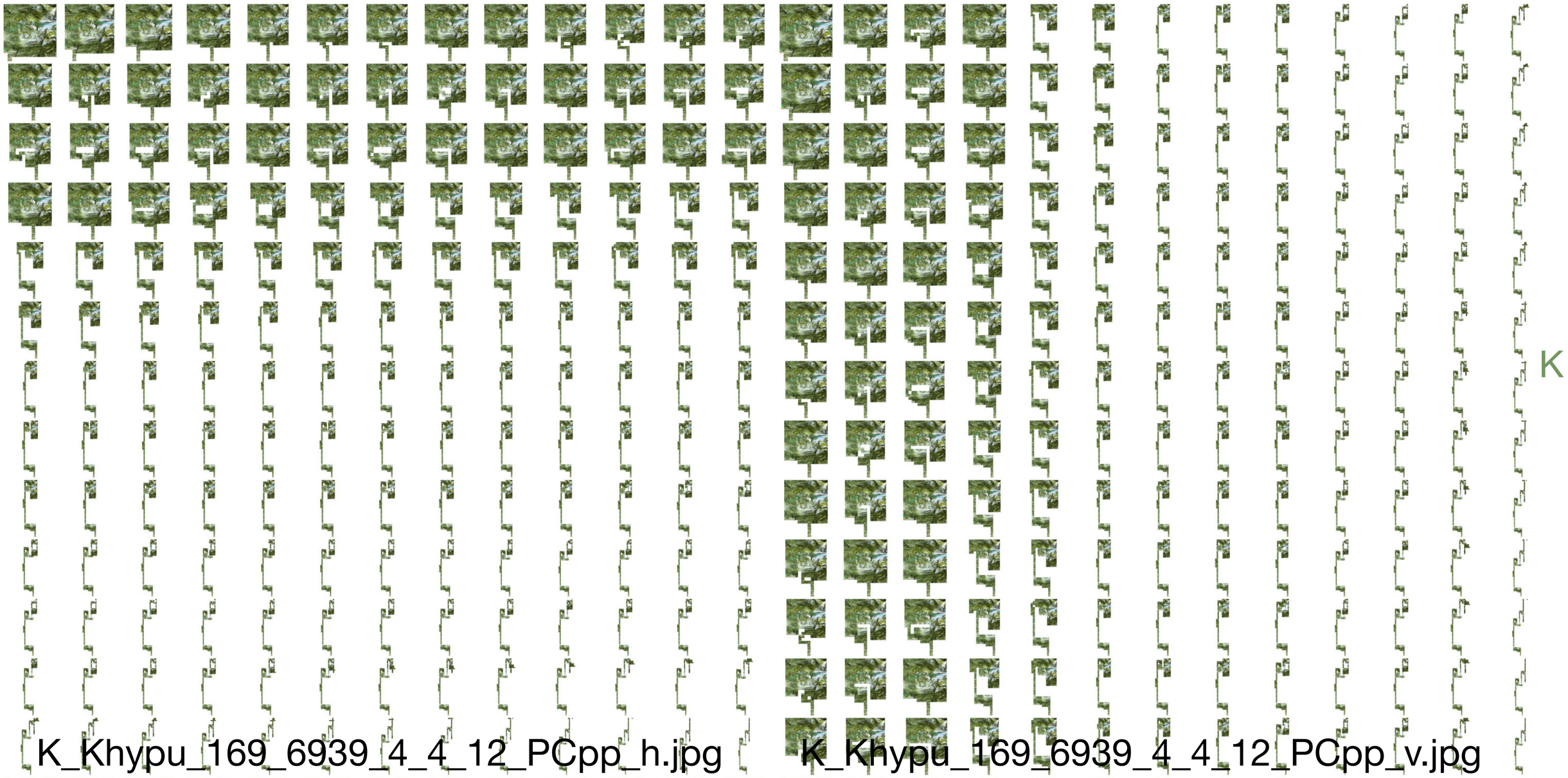
```
Last login: Mon May 19 18:02:10 on ttys002
rene@R2mac 39PegChemi3_J_Pi % python3.9 PC_creator.py Khypu_169_1971_4_15_21_images_p
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (89646480 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (90500256 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (91354032 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (92207808 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (93061584 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (93915360 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (94769136 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (95622912 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (96476688 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
Number of image : 169
2772
2772
----------Chose between the following grid size choice----------
1 : 13 x 13. Total of 169 images with 0 blank images. No blank space to add between images.
2 : 14 x 13. Total of 182 images with 13 blank images. There will be a horizontaly blank space of 213 piexls between images.
3 : 13 x 14. Total of 182 images with 13 blank images. There will be a verticaly blank space of 213 piexls between images.
4 : 14 x 14. Total of 196 images with 27 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1
Chosen grid : 13 x 13 (colones x rows)
Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
h
WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y
How much blank in pixels do you want to add ?
50

Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 33575 x 33575
Creating final image
Final image created !
Combining images...
100%|____________________________________________________________| 13/13 [01:53<00:00,  8.73s/it]
writing legend...
Saving image...
Image save at : Khypu_169_1971_4_15_21_images_PC/Khypu_169_1971_4_15_21_images_PC.png
writing legend...
Saving image...
Image save at : Khypu_169_1971_4_15_21_images_PCp/Khypu_169_1971_4_15_21_images_PCp.png
Reducing image...
writing legend...
Saving reduced image...
Reduced image save at : Khypu_169_1971_4_15_21_images_PCpp/Khypu_169_1971_4_15_21_images_PCpp
rene@R2mac 39PegChemi3_J_Pi %
```

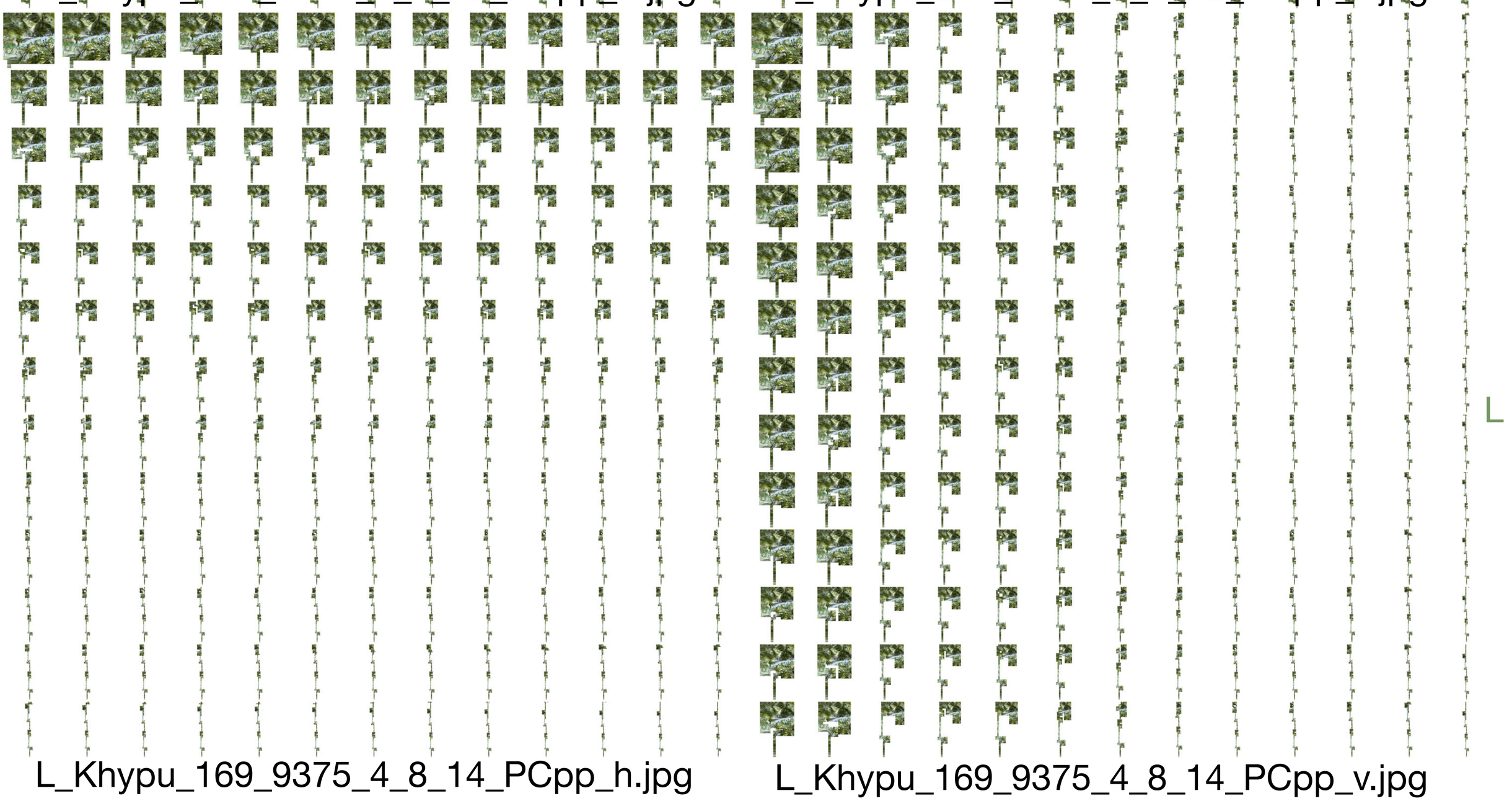
Khypu_169_1971_4_15_21_PC_h_Résultat de Terminal_J.txt

```
Last login: Mon May 19 18:27:45 on ttys001
rene@R2mac 39PegChemi3_J_Pi % Python3.9 PC_creator.py Khypu_169_1971_4_15_21_images_p
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (89646480 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (90500256 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (91354032 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (92207808 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (93061584 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (93915360 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (94769136 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (95622912 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (96476688 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.warnings.warn(
Number of image : 169
2772
2772
----------Chose between the following grid size choice----------
1 : 13 x 13. Total of 169 images with 0 blank images. No blank space to add between images.
2 : 14 x 13. Total of 182 images with 13 blank images. There will be a horizontaly blank space of 213 piexls between images.
3 : 13 x 14. Total of 182 images with 13 blank images. There will be a verticaly blank space of 213 piexls between images.
4 : 14 x 14. Total of 196 images with 27 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1
Chosen grid : 13 x 13 (colones x rows)
Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
v
WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y
How much blank in pixels do you want to add ?
50

Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 33575 x 33575
Creating final image
Final image created !
Combining images...
100%|____________________________________________________________| 13/13 [01:53<00:00,  8.75s/it]
writing legend...
Saving image...
Image save at : Khypu_169_1971_4_15_21_images_PC/Khypu_169_1971_4_15_21_images_PC.png
writing legend...
Saving image...
Image save at : Khypu_169_1971_4_15_21_images_PCp/Khypu_169_1971_4_15_21_images_PCp.png
Reducing image...
writing legend...
Saving reduced image...
Reduced image save at : Khypu_169_1971_4_15_21_images_PCpp/Khypu_169_1971_4_15_21_images_PCpp
rene@R2mac 39PegChemi3_J_Pi %
```

Khypu_169_1971_4_15_21_PC_v_Résultat de Terminal_J.txt

J


K
K_Khypu_169_6939_4_4_12_PCpp_h.jpg
K_Khypu_169_6939_4_4_12_PCpp_v.jpg


L
L_Khypu_169_9375_4_8_14_PCpp_h.jpg
L_Khypu_169_9375_4_8_14_PCpp_v.jpg

```
Last login: Mon May 19 19:18:57 on ttys002
rene@R2mac 39PegChemi3_K_Pi % python3.9 PC_creator.py Khypu_169_6939_4_4_12_jpeg
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (89551616 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.
warnings.warn(
Number of image : 169
2772
2772

----------Chose between the following grid size choice----------
1 : 13 x 13. Total of 169 images with 0 blank images. No blank space to add between images.
2 : 14 x 13. Total of 182 images with 13 blank images. There will be a horizontaly blank space of 213 piexls between images.
3 : 13 x 14. Total of 182 images with 13 blank images. There will be a verticaly blank space of 213 piexls between images.
4 : 14 x 14. Total of 196 images with 27 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1

Chosen grid : 13 x 13 (colones x rows)

Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
h

WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y

How much blank in pixels do you want to add ?
50

Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 33575 x 33575
Creating final image
Final image created !
Combining images...
100%|██████████████████████████████████████████| 13/13 [01:19<00:00,  6.10s/it]
writing legend...
Saving image...
Image save at : Khypu_169_6939_4_4_12_jpeg_PC/Khypu_169_6939_4_4_12_jpeg_PC.png
writing legend...
Saving image...
Image save at : Khypu_169_6939_4_4_12_jpeg_PCp/Khypu_169_6939_4_4_12_jpeg_PCp.png
Reducing image...
writing legend...
Saving reduced image...
Reduced image save at : Khypu_169_6939_4_4_12_jpeg_PCpp/Khypu_169_6939_4_4_12_jpeg_PCpp
rene@R2mac 39PegChemi3_K_Pi %
```

Khypu_169_6939_4_4_12_PC_h_Résultat de Terminal_K.txt

```
Last login: Mon May 19 20:17:25 on ttys001
rene@R2mac 39PegChemi3_K_Pi % Python3.9 PC_creator.py Khypu_169_6939_4_4_12_jpeg
/usr/local/lib/python3.9/site-packages/PIL/Image.py:3011: DecompressionBombWarning: Image size (89551616 pixels) exceeds limit of 89478485 pixels, could be decompression bomb DOS attack.
warnings.warn(
Number of image : 169
2772
2772

----------Chose between the following grid size choice----------
1 : 13 x 13. Total of 169 images with 0 blank images. No blank space to add between images.
2 : 14 x 13. Total of 182 images with 13 blank images. There will be a horizontaly blank space of 213 piexls between images.
3 : 13 x 14. Total of 182 images with 13 blank images. There will be a verticaly blank space of 213 piexls between images.
4 : 14 x 14. Total of 196 images with 27 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1

Chosen grid : 13 x 13 (colones x rows)

Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
v

WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y

How much blank in pixels do you want to add ?
50

Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 33575 x 33575
Creating final image
Final image created !
Combining images...
100%|██████████████████████████████████████████| 13/13 [01:17<00:00,  5.98s/it]
writing legend...
Saving image...
Image save at : Khypu_169_6939_4_4_12_jpeg_PC/Khypu_169_6939_4_4_12_jpeg_PC.png
writing legend...
Saving image...
Image save at : Khypu_169_6939_4_4_12_jpeg_PCp/Khypu_169_6939_4_4_12_jpeg_PCp.png
Reducing image...
writing legend...
Saving reduced image...
Reduced image save at : Khypu_169_6939_4_4_12_jpeg_PCpp/Khypu_169_6939_4_4_12_jpeg_PCpp
rene@R2mac 39PegChemi3_K_Pi %
```

Khypu_169_6939_4_4_12_PC_v_Résultat de Terminal_K.txt

K

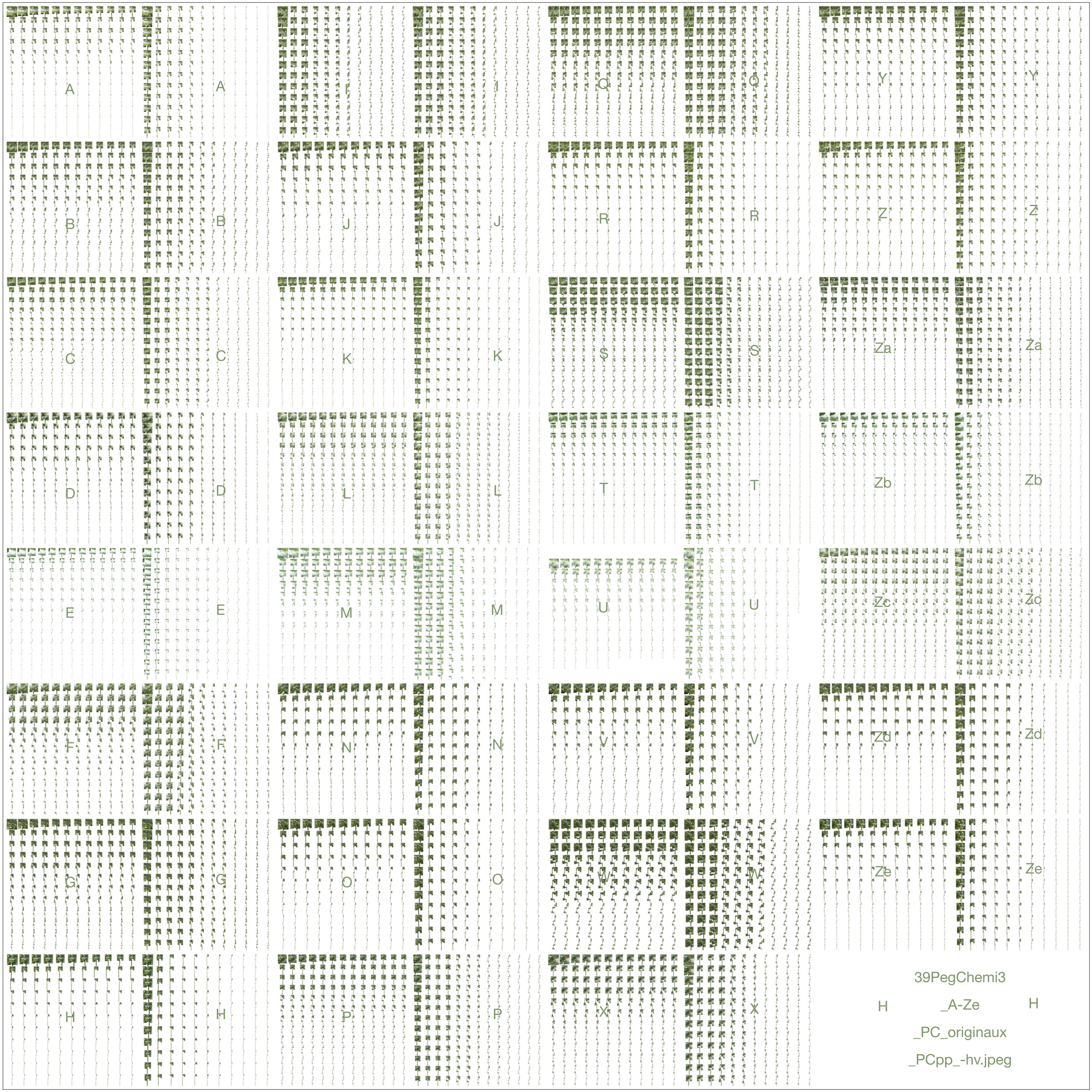
```
Last login: Mon May 19 21:28:20 on ttys001
rene@R2mac 39PegChemi3_L_Pi % python3.9 PC_creator.py Khypu_169_9375_4_8_14_images_p
Number of image : 169
2156
2156

----------Chose between the following grid size choice----------
1 : 13 x 13. Total of 169 images with 0 blank images. No blank space to add between images.
2 : 14 x 13. Total of 182 images with 13 blank images. There will be a horizontaly blank space of 166 piexls between images.
3 : 13 x 14. Total of 182 images with 13 blank images. There will be a verticaly blank space of 166 piexls between images.
4 : 14 x 14. Total of 196 images with 27 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1

Chosen grid : 13 x 13 (colones x rows)

Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
h

WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y

How much blank in pixels do you want to add ?
50

Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 29260 x 29260
Creating final image
Final image created !
Combining images...
100%|██████████████████████████████████████████| 13/13 [01:21<00:00,  6.24s/it]
writing legend...
Saving image...
Image save at : Khypu_169_9375_4_8_14_images_PC/Khypu_169_9375_4_8_14_images_PC.png
writing legend...
Saving image...
Image save at : Khypu_169_9375_4_8_14_images_PCp/Khypu_169_9375_4_8_14_images_PCp.png
Reducing image...
writing legend...
Saving reduced image...
Reduced image save at : Khypu_169_9375_4_8_14_images_PCpp/Khypu_169_9375_4_8_14_images_PCpp
rene@R2mac 39PegChemi3_L_Pi %
```

Khypu_169_9375_4_8_14_PC_h_Résultat de Terminal_L.txt

```
Last login: Mon May 19 21:50:59 on ttys002
rene@R2mac 39PegChemi3_L_Pi % Python3.9 PC_creator.py Khypu_169_9375_4_8_14_images_p
Number of image : 169
2156
2156

----------Chose between the following grid size choice----------
1 : 13 x 13. Total of 169 images with 0 blank images. No blank space to add between images.
2 : 14 x 13. Total of 182 images with 13 blank images. There will be a horizontaly blank space of 166 piexls between images.
3 : 13 x 14. Total of 182 images with 13 blank images. There will be a verticaly blank space of 166 piexls between images.
4 : 14 x 14. Total of 196 images with 27 blank images. No blank space to add between images.
Enter the choice number you want for your grid size :
1

Chosen grid : 13 x 13 (colones x rows)

Do you want the image disposition to be horizontal or vertical ? Answer with 'h' for Horizontal or 'v' for Vertical :
v

WARNING : if you add a legend, there will be blank space between images and blank border of at least 50 pixels.
Do you want to add a legend to the images ? Answer with 'y' for Yes or 'n' for No :
y

How much blank in pixels do you want to add ?
50

Do you want to save a reduced version of the image ? Answer with 'y' for Yes or 'n' for No :
y
Combined image dimension : 29260 x 29260
Creating final image
Final image created !
Combining images...
100%|██████████████████████████████████████████| 13/13 [01:20<00:00,  6.23s/it]
writing legend...
Saving image...
Image save at : Khypu_169_9375_4_8_14_images_PC/Khypu_169_9375_4_8_14_images_PC.png
writing legend...
Saving image...
Image save at : Khypu_169_9375_4_8_14_images_PCp/Khypu_169_9375_4_8_14_images_PCp.png
Reducing image...
writing legend...
Saving reduced image...
Reduced image save at : Khypu_169_9375_4_8_14_images_PCpp/Khypu_169_9375_4_8_14_images_PCpp
rene@R2mac 39PegChemi3_L_Pi %
```

Khypu_169_9375_4_8_14_PC_v_Résultat de Terminal_L.txt

L


A
A
I
I
Q
Q
Y
Y
B
B
J
J
R
R
Z
Z
C
C
K
K
S
S
Za
Za
D
D
L
L
T
T
Zb
Zb
E
E
M
M
U
U
Zc
Zc
F
F
N
N
V
V
Zd
Zd
G
G
O
O
W
W
Ze
Ze
H
H
P
P
X
X
39PegChemi3
_A-Ze
_PC_originaux
PCpp-hv.jpeg
h
v
h
v
h
v
h
v