

Pensieve header: Mapping the location of pictures.

```
In[*]:= SetDirectory["C:\\drorbn\\AcademicPensieve\\Album"]
```

```
Out[*]:= C:\drorbn\AcademicPensieve\Album
```

```
In[*]:= dirs = Complement[
  Select[FileNames["*"], FileType[#] === Directory &], {"Dreams", "nb", "thumbs"}]
```

```
Out[*]:= {2020.01-02 Groningen, 2020.01.05 Groningen to Leeuwarden Ride,
  2020.01.11 Groningen to Schiermonnikoog Ride, 2020.01.18-21 Amsterdam and Stopovers,
  2020.01.25 Groningen to Emmeloord Ride, 2020.01.26 Emmeloord to Amsterdam Ride,
  2020.02.01 Groningen to Leer Ride, 2020.02.08 Groningen to Dolmen D18 Return Ride,
  2020.02.20-23 New York City, 2020.02.27-29 Los Angeles,
  2020.03.07 Narrabeen Walk, 2020.03.15 Royal National Park Ride, 2020.03 Sydney,
  2020.05.02 UTSG to UTSC Return Ride, 2020.05.09 G. Ross Lord Reservoir Ride,
  2020.05.16 CN MacMillan Yard Ride, 2020.05.24 Around Pearson Ride,
  2020.05.30 Ride Around Lakes Chemong And Buckhorn}
```

```
In[*]:= Short[images = StringReplace["\\" -> "/" ]/@FileNames["*.jpg" | "*.png", dirs], 5]
```

```
Out[*]//Short=
```

```
{2020.01-02 Groningen/20200104_121903.jpg, 2020.01-02 Groningen/20200104_122111.jpg,
  2020.01-02 Groningen/20200104_140646_HDR.jpg, 2020.01-02 Groningen/20200104_152046.jpg,
  <<355>>, 2020.05.30_Ride_Around_Lakes_Chemong_And_Buckhorn/20200530_122209_HDR.jpg,
  2020.05.30_Ride_Around_Lakes_Chemong_And_Buckhorn/20200530_124859_HDR.jpg,
  2020.05.30_Ride_Around_Lakes_Chemong_And_Buckhorn/20200530_125118.jpg,
  2020.05.30_Ride_Around_Lakes_Chemong_And_Buckhorn/ApproximatePath.png}
```

```
In[*]:= pos = Import[images[[200]], "GeoPosition"]
```

```
Out[*]:= GeoPosition[{-33.721, 151.295, 10.939}]
```

```
In[*]:= 100 × 39
```

```
Out[*]:= 1968300
```

```
In[*]:= Module[{M = 2000, m = 0.05, K = 12},
```

```
  Table[GeoGraphics[pos, GeoRange -> 1000 M  $\begin{pmatrix} m \\ - \\ M \end{pmatrix}^{k/(K-1)}$ ], {k, 0, K - 1}]
]
```

Out[]:=

