**Plot 1: Temperature anomaly (1950-1980)**

Data: CRU\_data.txt

Hint: temperature anomaly is the temperature minus the mean temperature for the reference period (1951-1980)

**Plot 2: Journal Citation Reports**

Data: JCR\_data.csv

Hints: 1. use subsetting

2. build legend manually

3. use rgb()for color (add transparency)

**Plot 3: Air passengers across months**

Data: use data(AirPassengers) to load the data

**Plot 4: Relation between eye and hair colour**

Data: use data(HairEyeColour) to load the data

Hint: use indexing to filter out the subset of data you need

**Plot 5: Air passengers across years**

Data: use data(AirPassengers) to load the data

Hint: Calculate the cumulative summation throughout years for the bottom plot

**Plot 6: Beaver temperature across day periods**

Data: beavers.txt

Hints: 1. Filter out NAs

2. Use subsetting

3. Build legend manually

**Plot 7: Satellite usage**

Data: UCS\_Satellite… (two files)

Hints: 1. check for NAs

2. Associate the two files to get the colours

3. Treat dates as dates!

**Plot 8: Beaver activity by species**

Data: beavers.txt

Hints: 1. Filter out NAs

2. Use subsetting

3. Construct an object with information on histograms using hist(), then use barplot for plotting

**Plot 9: Mammals species richness**

Data: IUCN\_globalTerrMammalDiv.txt

Hints: 1. Annual precipitation is the sum of monthly precipitations

2. Annual average mean temperature is the average of monthly mean temperature (tavg)

3. Use boxplot with the formula method

**Plot 10: Distribution of earthquakes**

Data: quakes.txt

Hint: Use range() for creating a gradient for the legend

**Plot 11: Monthly mean temperatures**

Data: CRU\_data.txt

Hints: 1. check for NAs

2. Average temperature is the averal of each month for the period available (1853-2017)

**Plot 12: Earthquake magnitude**

Data: quakes.txt

Hints: 1. Use subsetting

2. Create legend manually