# Heliconia Demography Project

## Total Number of Plants: 8588

## Plants per Plot

```
# A tibble: 13 x 3
# Groups:   habitat [3]
   habitat plot   N_plants
   <chr>   <chr>     <int>
 1 forest  CF-1       1577
 2 forest  CF-3       1327
 3 forest  CF-2       1221
 4 forest  CF-6        426
 5 forest  CF-5        306
 6 forest  CF-4        205
 7 one     FF-3        402
 8 one     FF-4        401
 9 one     FF-1        335
10 one     FF-2        305
11 ten     FF-7        970
12 ten     FF-6        822
13 ten     FF-5        291
```

## Plants per Habitat Type

```
# A tibble: 3 x 2
  habitat N_plants
  <chr>      <int>
1 forest      5062
2 one         1443
3 ten         2083
```

## Seedlings per plot

```
# A tibble: 13 x 2
   plot       n
   <chr> <int>
 1 CF-1    689
 2 CF-2    624
 3 CF-3    561
 4 FF-6    401
 5 FF-7    259
 6 FF-3    187
 7 FF-4    143
```

```
 8 CF-6     131
 9 FF-2     111
10 CF-5      99
11 FF-5      99
12 FF-1      90
13 CF-4      68
```

## Plants without Tags

```
# A tibble: 13 x 3
# Groups:   habitat [3]
   habitat plot   N_plants
   <chr>   <chr>     <int>
 1 forest  CF-1        178
 2 forest  CF-2         91
 3 forest  CF-3        125
 4 forest  CF-4         23
 5 forest  CF-5         41
 6 forest  CF-6         48
 7 one     FF-1         35
 8 one     FF-2         44
 9 one     FF-3         32
10 one     FF-4         29
11 ten     FF-5         38
12 ten     FF-6         94
13 ten     FF-7        158
```

## Histogram of ha_recruit_yr$year



ha_recruit_yr$year
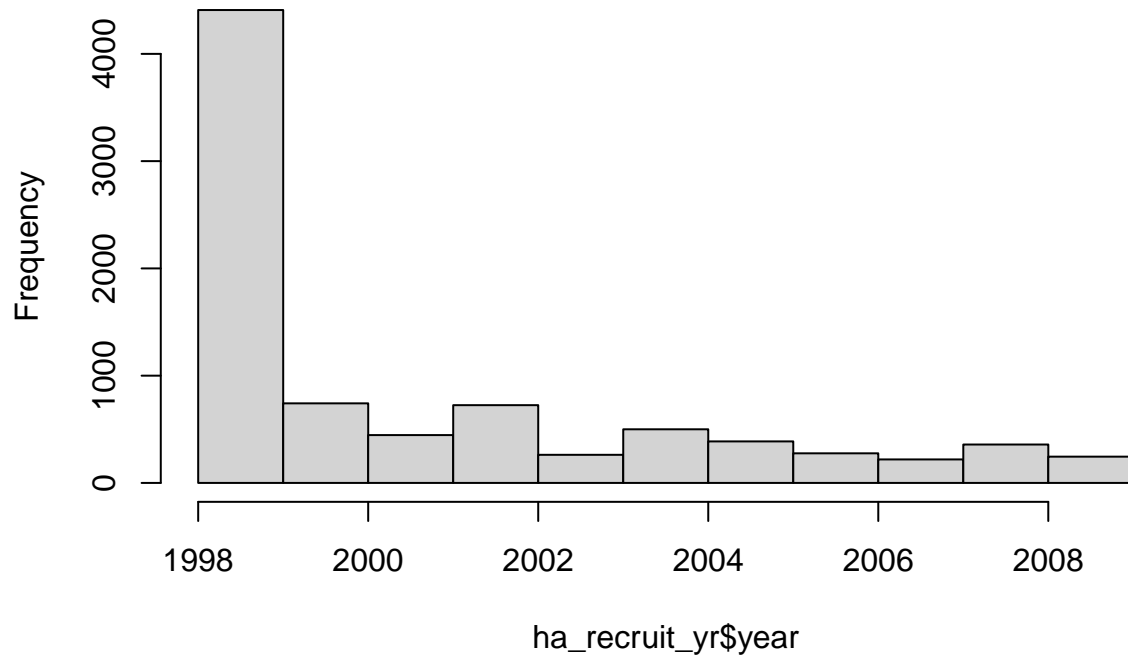
```
# A tibble: 12 x 4
    year     n  freq cumulative_freq
   <dbl> <int> <dbl>           <dbl>
 1  1998  3334 38.9             38.9
 2  1999  1075 12.5             51.5
 3  2000   742  8.66            60.1
 4  2001   446  5.20            65.3
 5  2002   725  8.46            73.8
 6  2003   262  3.06            76.8
 7  2004   500  5.83            82.7
 8  2005   387  4.52            87.2
 9  2006   276  3.22            90.4
10  2007   219  2.56            93.0
11  2008   358  4.18            97.1
12  2009   245  2.86            100
```