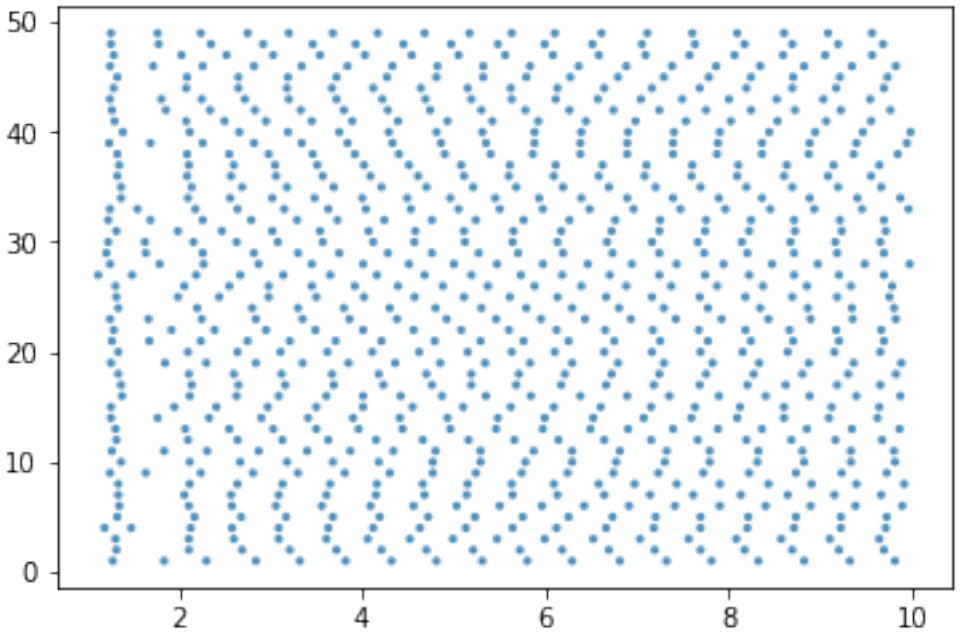
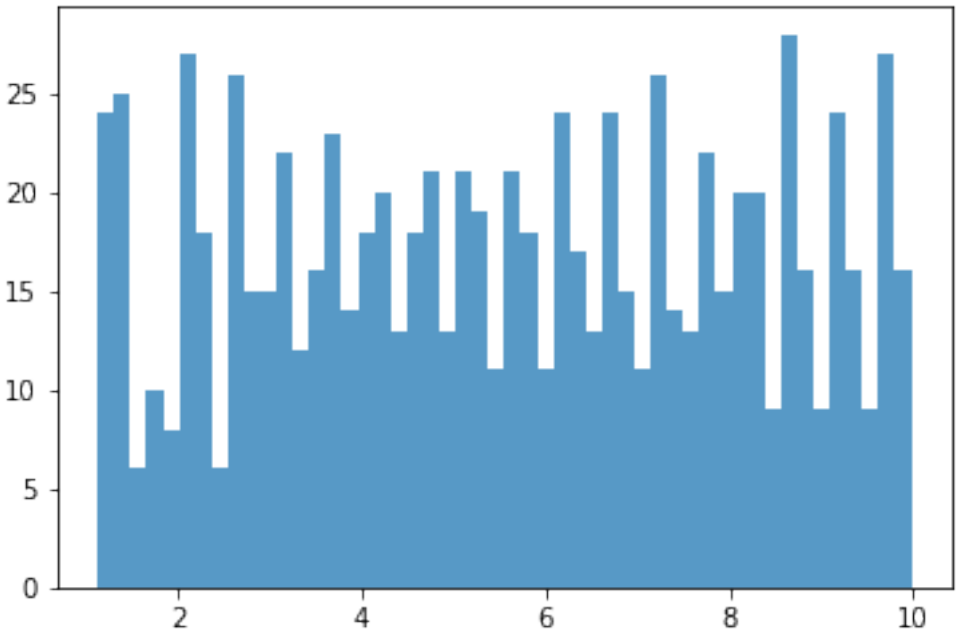
Plots A,B,C;D

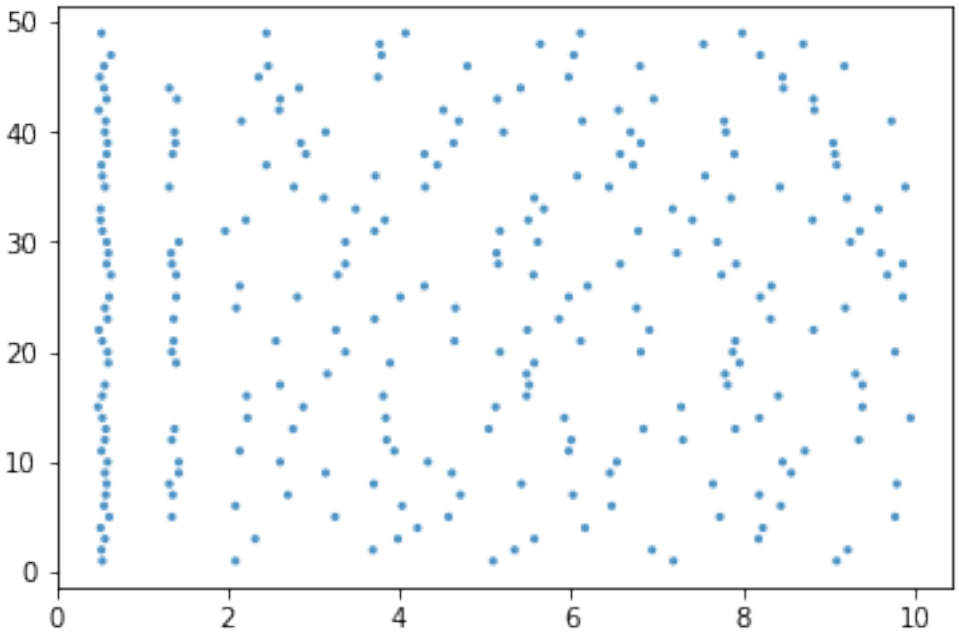
November 5, 2017

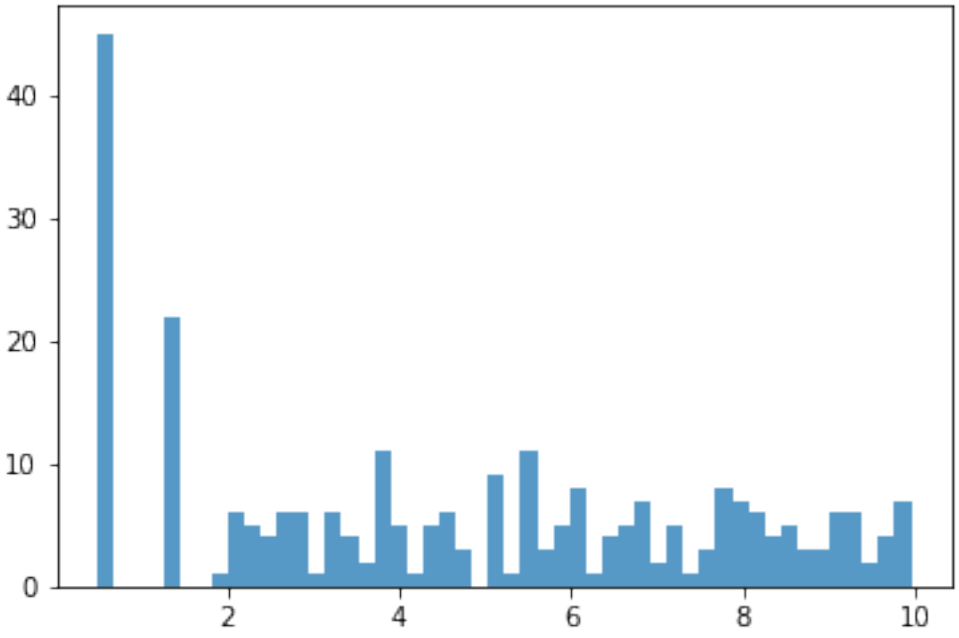
In [22]:
```
import numpy as np
import matplotlib.pyplot as pl

data=np.genfromtxt('valeurs1.txt')

select=np.array([d for d in data if d[1]<50])
data1=select.transpose()

pl.scatter(0.1*data1[0],data1[1],s = 10,alpha=0.8, edgecolors='none');
pl.show();

n,bins,patches = pl.hist(0.1*data1[0], 50,normed=0, alpha=0.75)
pl.show();
```





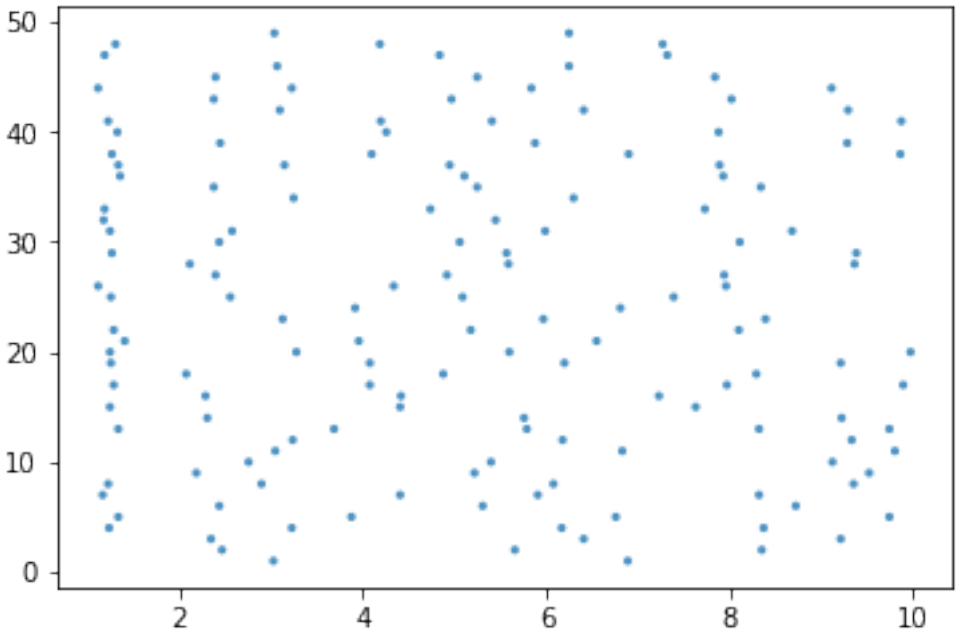
In [23]:
```
import numpy as np
import matplotlib.pyplot as pl

data=np.genfromtxt('valeurs2.txt')

select=np.array([d for d in data if d[1]<50])
data1=select.transpose()

pl.scatter(0.1*data1[0],data1[1],s = 10,alpha=0.8, edgecolors='none');
pl.show();

n,bins,patches = pl.hist(0.1*data1[0], 50,normed=0, alpha=0.75)
pl.show();
```

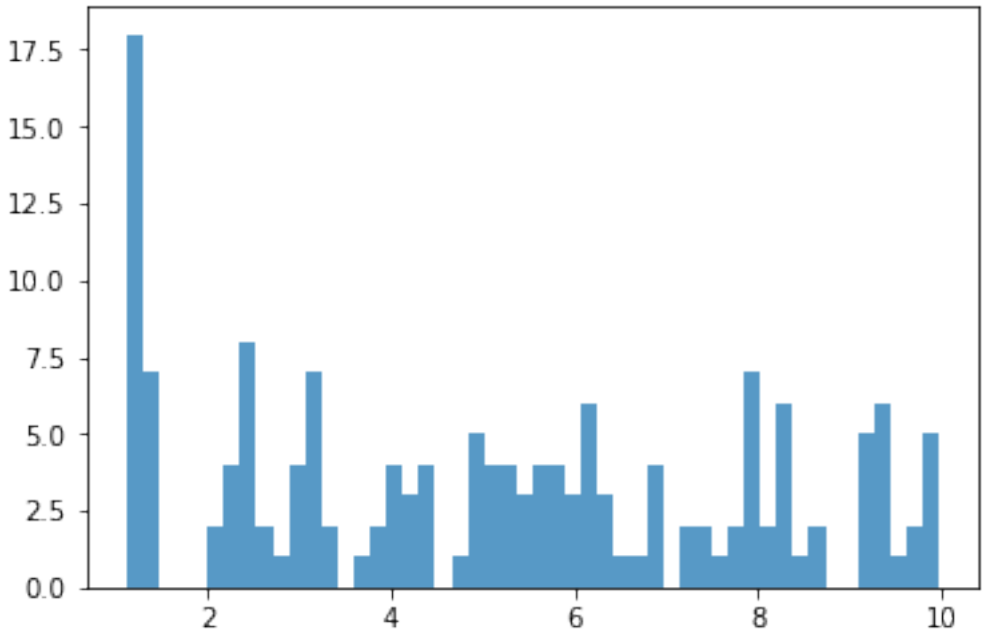




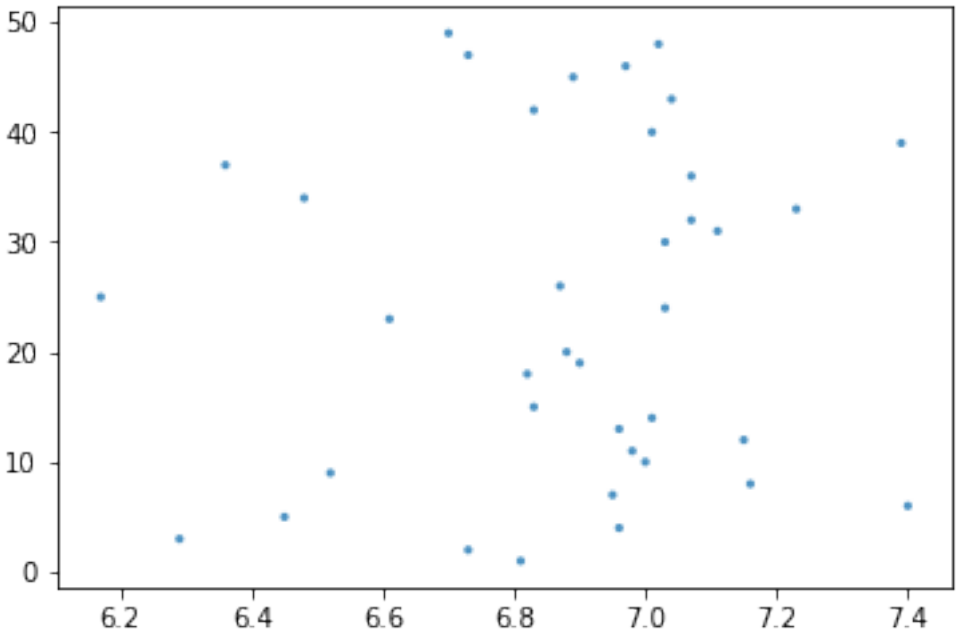

```
In [24]: import numpy as np
         import matplotlib.pyplot as pl
```

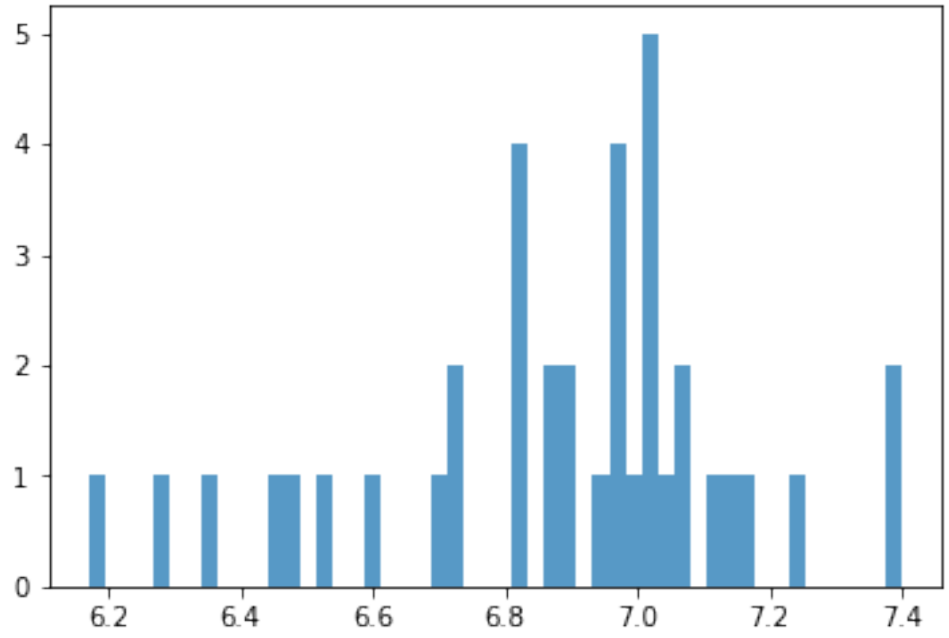
```
data=np.genfromtxt('valeurs3.txt')

select=np.array([d for d in data if d[1]<50])
data1=select.transpose()

pl.scatter(0.1*data1[0],data1[1],s = 10,alpha=0.8, edgecolors='none');
pl.show();

n,bins,patches = pl.hist(0.1*data1[0], 50,normed=0, alpha=0.75)
pl.show();
```





In [27]:
```
import numpy as np
import matplotlib.pyplot as pl

data=np.genfromtxt('valeurs4.txt')

select=np.array([d for d in data if d[1]<50])
data1=select.transpose()

pl.scatter(0.1*data1[0],data1[1],s = 10,alpha=0.8, edgecolors='none');
pl.show();

n,bins,patches = pl.hist(0.1*data1[0], 50,normed=0, alpha=0.75)
pl.show();
```


50
40
30
20
10
0
6.2
6.4
6.6
6.8
7.0
7.2
7.4


5
4
3
2
1
0
6.2
6.4
6.6
6.8
7.0
7.2
7.4