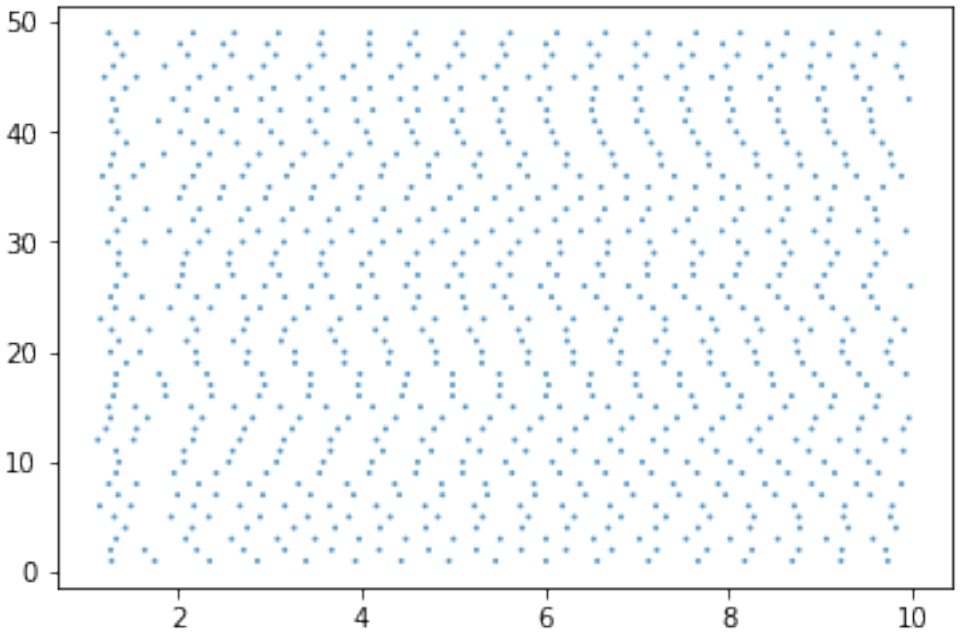
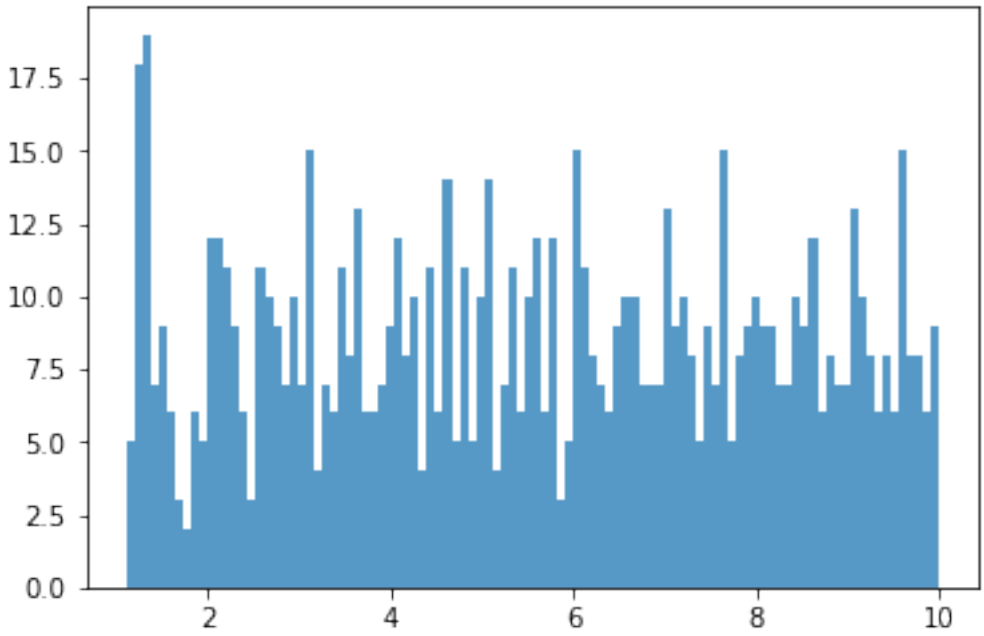
PlotsA,B,C,D for the same time interval and the parameters eta and g taken in the figure.

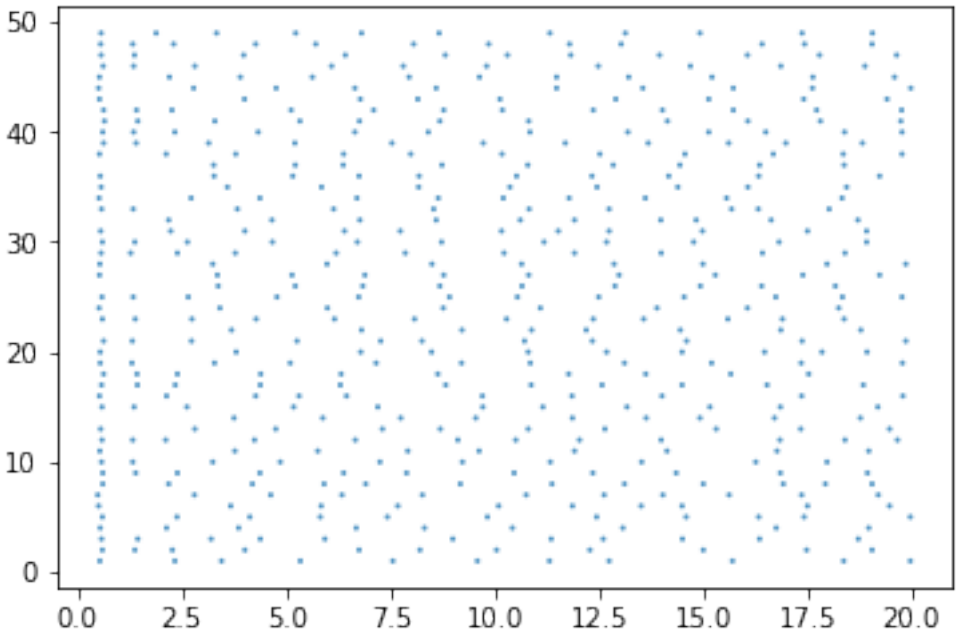
February 14, 2018

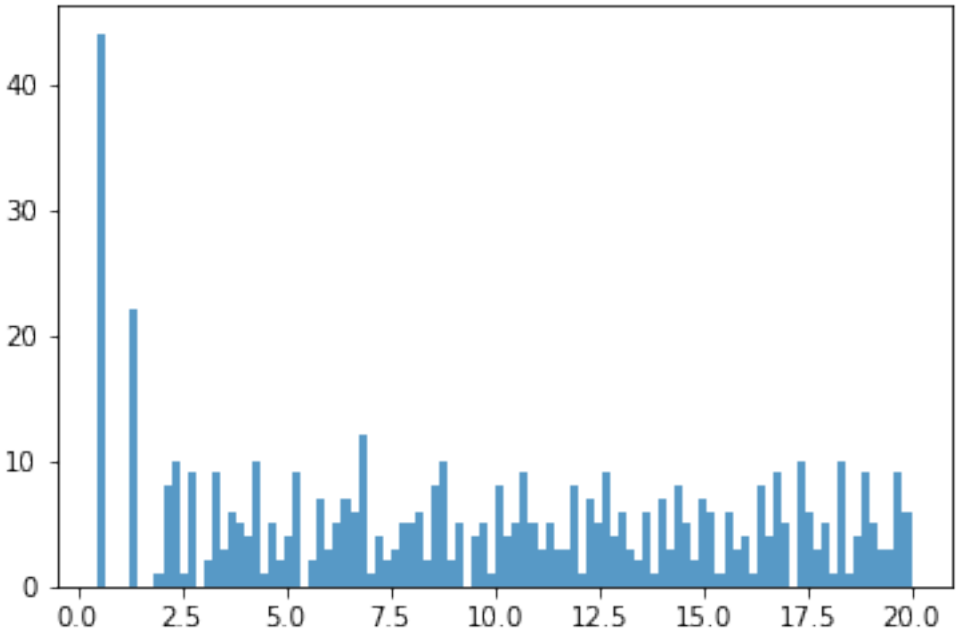
In [4]:
```
import numpy as np
import matplotlib.pyplot as pl

data=np.genfromtxt('valeursA.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 = 4,alpha=0.8, edgecolors='none');
pl.show();

n,bins,patches = pl.hist(0.1*data1[0], 100,normed=0, alpha=0.75)
pl.show();
```





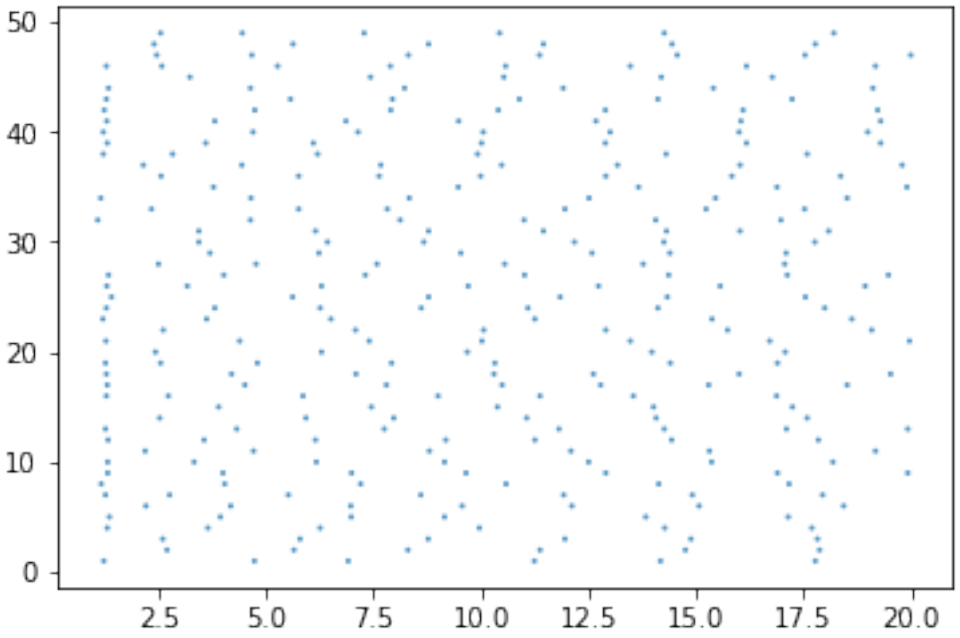
In [9]:
```
import numpy as np
import matplotlib.pyplot as pl

data=np.genfromtxt('valeursB.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 = 4,alpha=0.8, edgecolors='none');
pl.show();

n,bins,patches = pl.hist(0.1*data1[0], 100,normed=0, alpha=0.75)
pl.show();
```

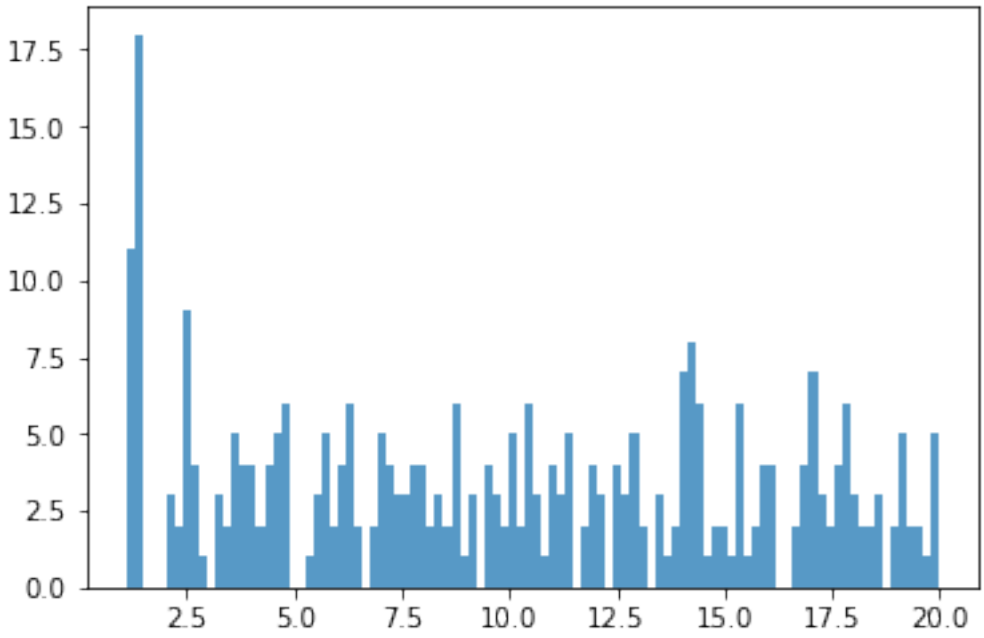




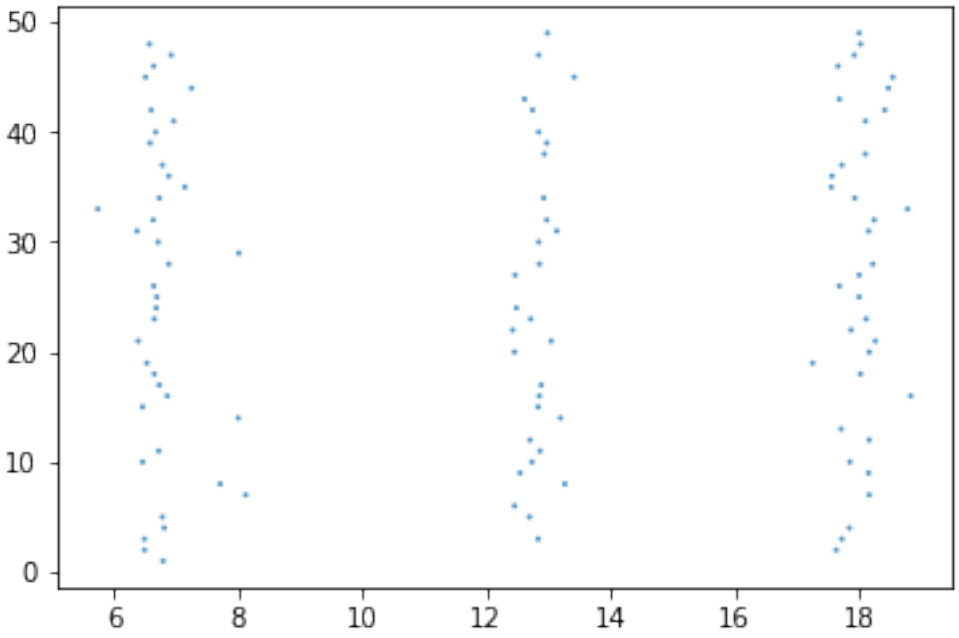
In [10]:
```
import numpy as np
import matplotlib.pyplot as pl
```

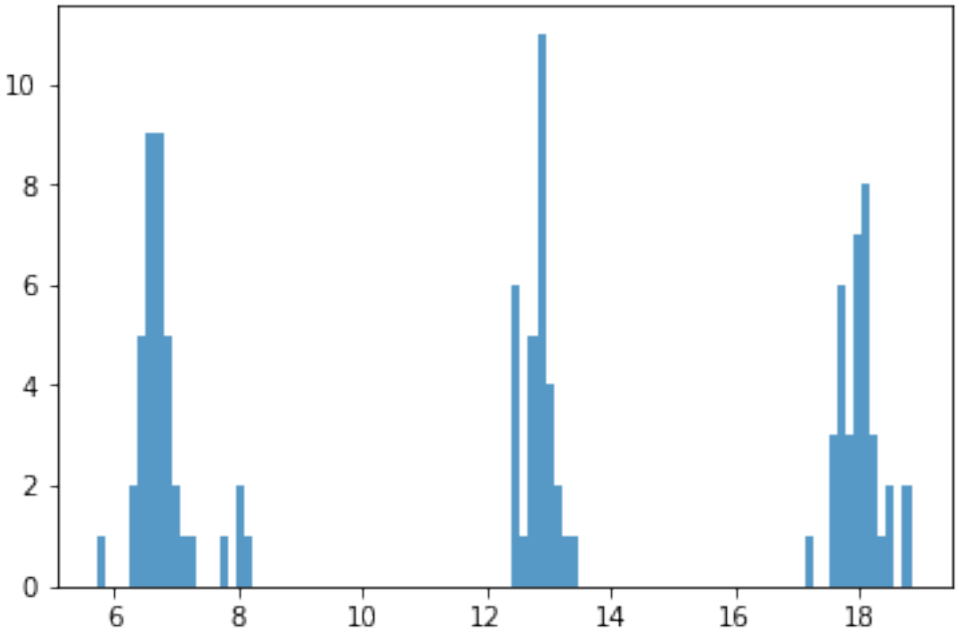
```
data=np.genfromtxt('valeursC.txt')

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

pl.scatter(0.1*data1[0],data1[1],s = 4,alpha=0.8, edgecolors='none');
pl.show();

n,bins,patches = pl.hist(0.1*data1[0], 100,normed=0, alpha=0.75)
pl.show();
```





In [11]:
```
import numpy as np
import matplotlib.pyplot as pl

data=np.genfromtxt('valeursD.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 = 4,alpha=0.8, edgecolors='none');
pl.show();

n,bins,patches = pl.hist(0.1*data1[0], 100,normed=0, alpha=0.75)
pl.show();
```


50
40
30
20
10
0
6
8
10
12
14
16
18


10
8
6
4
2
0
6
8
10
12
14
16
18