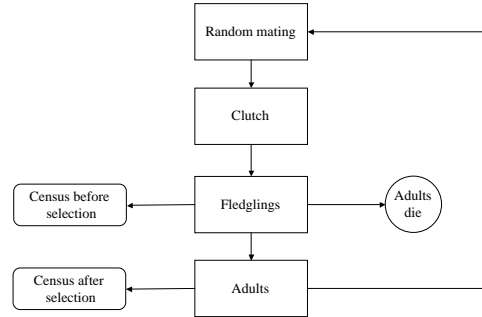


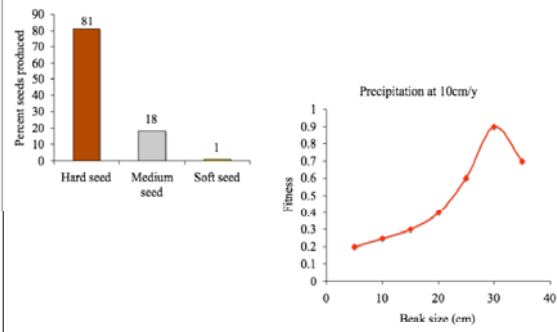
# EvolutionLab

Week 2

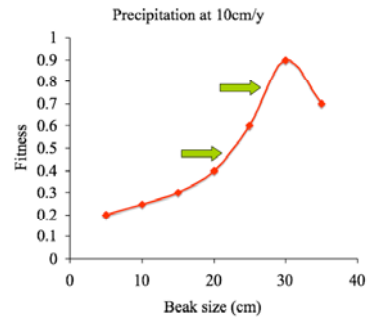
## EvolutionLab model



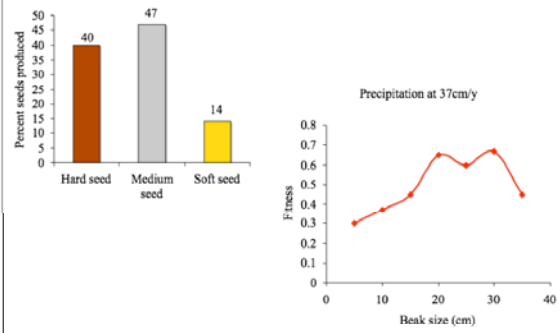
## Fitness landscape



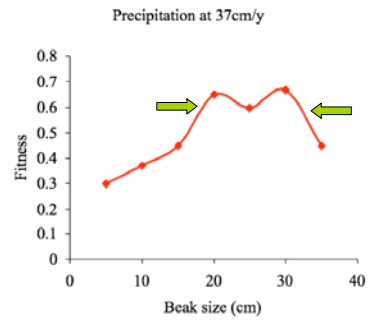
## Fitness landscape

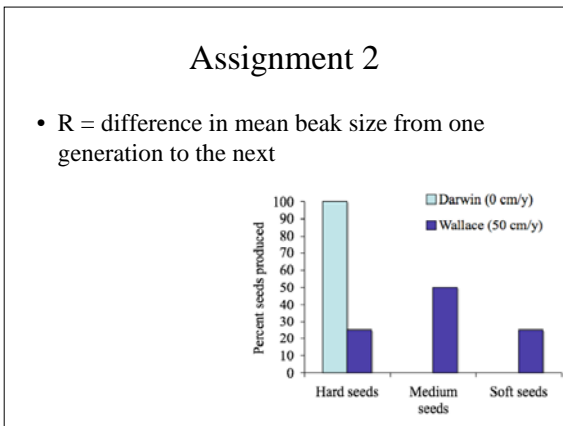
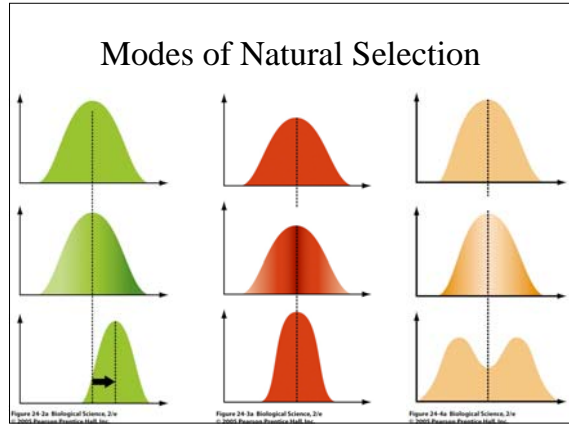
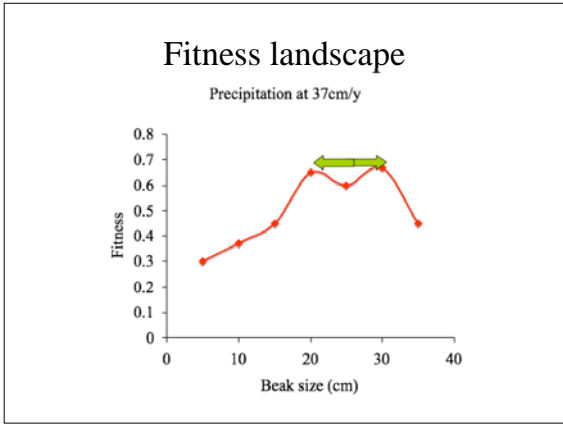


## Fitness landscape



## Fitness landscape



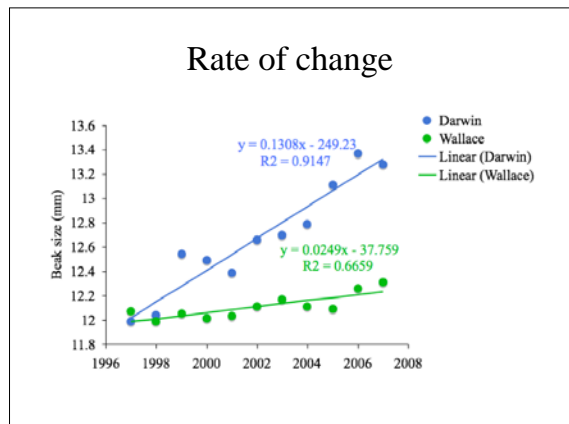


### Field notes

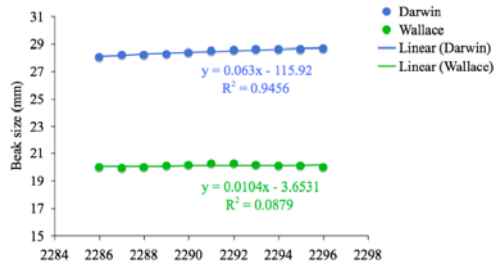
	Darwin (0 cm/y)	Wallace (50 cm/y)
First 10 mean	12.67 mm	12.20 mm
Last 10 mean	28.41 mm	20.09 mm
Rate of change	First 10: 0.13 mm/y Last 10: 0.25 mm/y	First 10: 0.025 mm/y Last 10: 0.010 mm/y

### Experimental Results

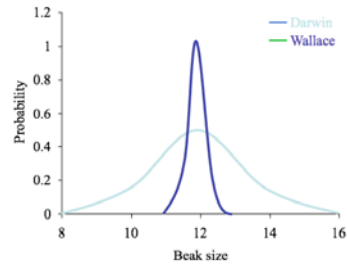
Year	Dar Beak	Dar Pop	Wal Beak	Wal Pop
1997	11.99	200	12.07	200
1998	12.04	288	11.99	280
1999	12.54	184	12.05	480
2000	12.49	207	12.01	546
2001	12.39	216	12.03	456
2002	12.66	206	12.11	485
2003	12.7	155	12.17	530
2004	12.79	133	12.11	480
2005	13.11	142	12.09	542
2006	13.37	133	12.26	574
2007	13.28	117	12.31	507
2286	28.04	798	19.97	719
2287	28.17	906	19.94	683
2288	28.21	822	19.98	737
2289	28.27	786	20.09	630
2290	28.34	901	20.18	800
2291	28.46	849	20.26	670
2292	28.55	867	20.26	684
2293	28.62	855	20.16	716
2294	28.58	772	20.1	715
2295	28.61	868	20.02	712
2296	28.67	879	19.97	763



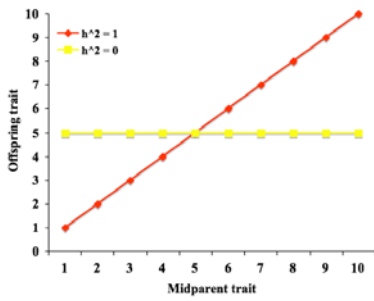
### Rate of change



### Assignment 5



### Assignment 7



### Assignment 3

- Clutch size
- Genetic drift
- Assortative mating