

UNIVERSITAT AUTONOMA DE BARCELONA

FACULTAT DE LLETRES

DEPARTAMENT DE PEDAGOGIA I DIDACTICA

L'AVALUACIÓ DE LA BIOLOGIA A SEGONA ETAPA D'E.G.B.



TESI DOCTORAL

Director: Dr. ADALBERTO FERRANDEZ ARENAZ

Doctoranda: ANNA M<sup>a</sup> GELI de CIURANA

Barcelona, 1986

CONTINGUTS DE BIOLOGIA 8è CURS	COMPOSICIÓ QUÍMICA		CITOLOGIA					MICROORGANISMES					FUNCIONS DEL COS HUMÀ					REPRODUCCIÓ					ECOLOGIA					EVOLUCIÓ		N O T A																				
	2	39	8	9	12	15	25	27	36	4	16	17	22	29	31	32	35	5	7	14	23	24	26	30	40	1	13	18	20		28	34	3	6	10	11	19	21	37	33	38									
1 J. A. Lozano	X	X	X		X	X		X	X	X	X	X	X	X					X	X	X	X	X	X							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	25
2 Francesc Bruquera	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	22
3 Jordi Torrent	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	22
4 Jordi Mas	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	21
5 Francesc Muñoz	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	18
6 Joan Sitjàs	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	18
7 Xavier Pere	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	17
8 Xavier Jimenez	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	17
9 Joan Prat	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	17
10 Josep Ma Palacín	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	16
11 Jordi Roca	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	16
12 Ferran Hort	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	16
13 Sebastià Chacon	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	15
14 David Juncà	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	14
15 Israel Rodríguez	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	14
16 Agustí Palahi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	14
17 Manuel Serrat	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	14
18 Josep Ll. Ramos	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	12
19 David Sarrats	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	10
20 Joaquim Viader	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	11
21 Manuel Campistol	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	11
22 Manuel Domènech	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	9
23 Andreu Itó	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	9
24 Santi Monsó	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	8
25 Jaume Rubinort	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	8
26 M.A. Barea	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	6
27 Jordi Calvo	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																								X	X	X	X	X	X	X	X	X	X	6
DIFICULTAT EN %	70	88	59	92	75	77	59	85	11	37	70	74	37	62	74	85	77	66	62	51	17	44	51	74	74	85	88	70	59	77	77	55	37	82	59	88	66	44	100	88										

























