

Registro Internacional de la Gacela Dorcas Saharaui
(*Gazella dorcas neglecta*)
Saharawi Dorcas Gazelles (Gazella dorcas neglecta)
International Studbook

(Datos actualizados a 31 Diciembre 2019)
(Updated records and data at December 31, 2019)



Mixed exhibition *Gazella dorcas neglecta* and *Nanger dama mhorra* males; Finca Experimental "la Hoya"/EEZA/CSIC, Almería (Spain) © T. Abáigar/CSIC

Compiled by

Teresa Abáigar
Internacional Studbook Keeper
EEP- Coordinator

Almería (España/Spain), Abril/April 2020



a) Nombre común: Gacela Dorcas Saharaui
Common name: Saharawi Dorcas Gazella

b) Nombre científico/Scientific name: *Gazella dorcas neglecta* (Lavauden, 1926)

c) Registro Internacional desde/Internacional Studbook since: 1990
Programa Europeo de Cría en Cautividad desde/EEP since: 2002.

d)Anteriores publicaciones del Studbook/Previous publications of Studbook:

* T. Abáigar (1993). *Gazella dorcas neglecta* Studbook. Cuadernos Monográficos 22. Instituto de Estudios Almerienses, Diputación Provincial de Almería, Almería (España). ISBN 84 8108 018-7

* T. Abáigar (2002). Conservación y manejo de una especie en cautividad. *Gazella dorcas neglecta* Registro Internacional/Management and conservation of an endangered species in captivity. *Gazella dorcas neglecta* Internacional Studbook. Biblioteca de Ciencias 8, Consejo Superior de Investigaciones Científicas, Madrid (España). ISBN 84 00 08101 3.

* T. Abáigar (2005). Registro Internacional de la Gacela Dorcas Saharaui (*Gazella dorcas neglecta*)/Saharawi Dorcas Gazelles (*Gazella dorcas neglecta*) *International Studbook*. Report.

* T. Abáigar (2008). Registro Internacional de la Gacela Dorcas Saharaui (*Gazella dorcas neglecta*)/Saharawi Dorcas Gazelles (*Gazella dorcas neglecta*) *International Studbook*. Report.

* T. Abáigar (2012). Registro Internacional de la Gacela Dorcas Saharaui (*Gazella dorcas neglecta*)/Saharawi Dorcas Gazelles (*Gazella dorcas neglecta*) *International Studbook*. Report.

* T. Abáigar (2015). Registro Internacional de la Gacela Dorcas Saharaui (*Gazella dorcas neglecta*)/Saharawi Dorcas Gazelles (*Gazella dorcas neglecta*) *International Studbook*. Report.

* T. Abáigar (2016). Registro Internacional de la Gacela Dorcas Saharaui (*Gazella dorcas neglecta*)/Saharawi Dorcas Gazelles (*Gazella dorcas neglecta*) *International Studbook*. Report.

* T. Abáigar (2017). Registro Internacional de la Gacela Dorcas Saharaui (*Gazella dorcas neglecta*)/*Saharawi Dorcas Gazelles (Gazella dorcas neglecta)* *International Studbook*. Report.

* T. Abáigar (2018). Registro Internacional de la Gacela Dorcas Saharaui (*Gazella dorcas neglecta*)/*Saharawi Dorcas Gazelles (Gazella dorcas neglecta)* *International Studbook*. Report.

Otras publicaciones y estudios relevantes: guías de manejo y evaluación genética y demográfica del programa de conservación “exitu” (1971-2015)/*Other publications: Husbandry guidelines and genetic and demographic evaluation of the “exsitu” conservation programme (1971-2015)*

* Lucía López y Teresa Abáigar . (2013). Guía de mantenimiento, gestión y cría en cautividad de la gacela dorcas saharaui (*Gazella dorcas neglecta*)/ *Husbandry Guidelines for captive breeding and management of Saharawi dorcas gazelle (Gazella dorcas neglecta)*” . Cuaderno de Ciencias/CSIC, 41, 345 p. Madrid

* Miguel Mendes Veiga. (2016). “*Population Viability Analysis of endangered Saharawi Dorcas Gazelle (Gazella dorcas neglecta)*”. Thesis master. Universidad de Lisboa. Portugal.

e) Instituciones participantes en el Programa de Cría en Cautividad a 31 de Diciembre de 2019.

Participating Institutions Captive Reproduction Programme at December 31, 2019.

Institución Participante/Participant institution	Dirección/Address	Responsable/Responsible	Desde/since
Parque de Rescate de la Fauna Sahariana/Estación Experimental de Zonas Áridas (PRFS/EEZA)	Estación Experimental de Zonas Áridas (CSIC) C/ General Segura 1 04001-Almería España (<i>Spain</i>) Tlf +34 950 281045 (ext 400) Fax +34 950 277100 abaigar@eeza.csic.es	Teresa Abáigar	1970
Zoo-Aquarium/Madrid	Casa de Campo 28011-Madrid España (<i>Spain</i>) Tlf + 34 91 5123779 Fax : + 34 91 7118163 mdelclaux@grpr.com	Maria Delclaux	1983
Parque Zoológico de Barcelona	Parc de la Ciutadella s/n 08003- Barcelona España (<i>Spain</i>) Tlf : + 34 93 2256780 Fax : + 34 93 2213853 censenat@bsmsa.es	Conrad Ensenyat	1986
Parque Zoológico Botánico de Jerez de la Frontera	C/ Taxdirt s/n 11404- Jerez de la Frontera Cádiz España (<i>Spain</i>) Tlf : + 34 956 184207 Fax : + 34 956 311586 tecnicos.zoo@aytojerez.es	Mariano Cuadrado	1993
Centro de Recuperación de Fauna Salvaje	Nueva de Llanes Asturias España (<i>Spain</i>) Tlf/fax : + 34 985 410377 gacela@cuevasdelmar.com	Juan Duyos	1994
OASYS-Parque Temático de Desierto de Tabernas	Crta. Nacional 340 04200-Tabernas Almería, España (<i>Spain</i>) Tlf : + 34 950 365236 Fax : + 34 950 362884 Rva-zoologica@hotelesplaya.com	José Rodríguez M ^a	2001
Marwell Zoological Park	Colden Common Winchester Hampshire SO21 1JH Reino Unido (<i>UK</i>) Tlf + 44 1962 777407 Fax : + 44 1962 777511	Debbie Pearson	2002

	debbiep@marwell.org.uk		
Reserve Spécial de Faune de Guembeul*	Direction de Parcs Nationaux Dakar-Hann Senegal thiasar2001@yahoo.fr	Thialao Sarr	2007
Stuttgart Zoo	Wilhelma der zoologisch-botaniscge Garten Postfach 501227 70342 Stuttgart Alemania (<i>Germany</i>) Tlf 49 (0)711 5402 133 Fax 49 (0) 711 5402 222 Ulrike.rademacher@wilhelma.de	Ulrike Rademacher	2008
Chessington World of Adventures	Chessington World of Adventures Leatherhead road, Chessington Surrey KT9 2NE UK + 44 137 2731628 + 44 758 8381336 samwhitbread@chessington.co.uk	Sam Whitbread	2011
Zamosc Zoo	Zamosc Zoo Szczepbrzeska 12, 22-400 Zamosc Poland + 48 846393479 zoozam3@wp.pl	Anna Nowicka-Sidor	2012
Amiens Zoo	Amiens Zoo Esplanade de la Hotoie 80000 Amiens France l.garrigues@amiens-metropole.com	Laure Garrigues	2016

*Este centro mantiene una población en cautividad originada dentro del proyecto de reintroducción de la gacela dorcas en Senegal/*This centre host a captive population derivate from the Project of reintroduction of dorcas gazelle in Senegal.*

f) Población a 31 de Diciembre de 2019 por institución participante.
Population at December 31, 2019 by participant institution.

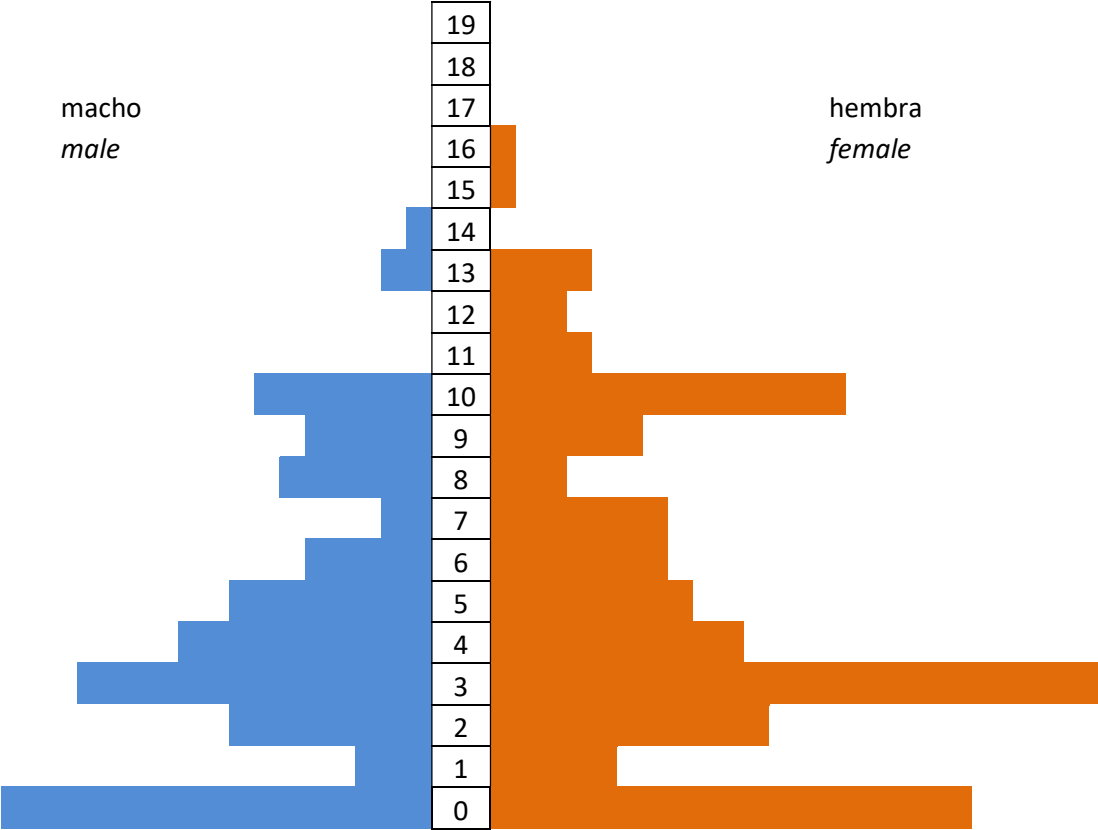
Institución/ <i>Center</i>	Machos/ <i>Males</i>	Hembras/ <i>Females</i>	Total/ <i>Total</i>
PRFS/EEZA	53	74	127
Zoo-Aquarium/Madrid	5	6	11
Parque Zoológico de Barcelona	11	12	23
Parque Zoológico-Botánico de Jerez de la Frontera	4	8	12
Centro de Recuperación de Fauna Salvaje	2	0	2
OASYS-Parque Temático del Desierto de Tabernas	3	0	3
Marwell Zoological Park	1	1	2
Reserve Spécial de Faune de Guembeul	9	17	26
Wilhelma-Stuttgart Zoo	0	6	6
Chessington WoA	2	0	2
Zamosc Zoo	1	4	5
Amiens Zoo	6	0	6
TOTAL	97	128	225

g) Paramétros genéticos y demográficos/ Genetic and demographic parameters (PMx at 31/12/219)

Summary genetic parameters	Current
Founders	24
Living individuals	225
Living descendants	225
Percent pedigree known	100%
Percent ancestry certain	100%
Gene diversity	0,9087
Gene value	0,9067
Founder genome equivalents	5,48
Founder genemoes surviving	9,61
Mean inbreeding	0,0749
Mean Kinship	0,0913
Current Ne	72,49
Ne/N	0,3222

Summary demographic parameters	Current
Size	98.127.9= 225
Life expectancy from birth	5,5 years
30 days mortality (N=1380)	0,23
25% live to	7,3 years
10% live to	11,4 years
1% live to	17.8 years
$\lambda = 1,045$	
$r = 0,044$	
$R_0 = 1,213$	
$T = 4,4$ years	

Pirámide de población. Vivos a 31/12/2019/*Pyramid of population. Live gazelles 31/12/2019.*



Global/Regional World Association of Zoos
Association and Aquariums / WAZA
Studbook Name *Gazella dorcas neglecta*
Vivos a 31/12/2019/Alive at 31/12/2019

Studbook ID	Sex Type	Birth Date	Padre/Sire	Madre/Dam	Current Location
1124	female	10/04/2004	771	809	ALMERIA
1130	male	12/07/2004	873	1024	TABERNAS
1158	female	29/03/2005	1023	1003	STUTT GART
1167	male	27/04/2005	855	983	ALMERIA
1176	male	04/07/2005	1023	1074	ALMERIA
1207	female	24/07/2006	1127	1126	ALMERIA
1213	female	01/08/2006	1127	922	ALMERIA
1219	female	14/09/2006	1127	918	ALMERIA
1245	female	07/11/2007	1022	1202	ALMERIA
1250	female	27/11/2007	999	922	ALMERIA
1275	female	06/01/2007	921	1063	BARCELONA
1276	female	24/12/2007	1218	1103	MADRID Z
1289	male	17/05/2008	1022	1202	ALMERIA
1302	female	18/06/2008	1167	1074	ALMERIA
1303	male	25/06/2008	1167	992	ALMERIA
1309	male	05/08/2008	1134	1219	TABERNAS
1311	female	16/08/2008	1167	1230	ALMERIA
1338	male	16/11/2008	1210	1122	CHESINGTN
1347	male	04/11/2008	1156	1216	TABERNAS
1351	female	16/03/2009	1231	1244	ALMERIA
1361	male	19/04/2009	1148	1083	ALMERIA
1368	male	26/05/2009	1253	1286	ALMERIA
1371	female	17/08/2009	969	1250	ALMERIA
1387	female	13/10/2009	1148	1124	ALMERIA
1389	female	25/10/2009	977	1051	ALMERIA
1391	female	12/11/2009	977	983	ALMERIA
1394	male	24/11/2009	1148	1083	ALMERIA
1397	female	09/12/2009	1149	1311	ALMERIA
1398	female	04/01/2010	1148	1247	ALMERIA
1401	female	10/05/2009	1218	1239	MADRID Z
1407	female	20/03/2009	1072	1275	BARCELONA
1411	female	24/09/2009	1072	1047	BARCELONA
1414	male	07/04/2009	1234	1117	MADRID Z
1416	male	21/10/2009	1234	1114	MADRID Z
1426	male	15/09/2009	1210	1122	CHESINGTN
1428	female	24/11/2009	1088	1324	GUEMBEUL
1429	female	01/02/2010	1148	1287	ALMERIA
1430	female	03/02/2010	1153	1246	ALMERIA
1432	male	08/02/2010	1231	1288	ALMERIA
1433	female	17/02/2010	1148	1312	ALMERIA
1434	female	01/03/2010	966	1250	ALMERIA
1446	female	21/04/2010	1148	1124	ALMERIA
1449	male	30/04/2010	977	1051	ALMERIA
1455	male	28/08/2010	1127	1203	GUEMBEUL

1464	male	15/10/2010	1234	1114	AMIENS
1469	female	05/06/2010	1249	1230	STUTTGART
1476	female	05/06/2010	1187	1327	BARCELONA
1477	female	21/09/2010	1187	1275	BARCELONA
1478	male	27/10/2010	1187	1330	BARCELONA
1481	male	04/12/2010	1187	1063	BARCELONA
1487	male	29/11/2010	1317	1321	GUEMBEUL
1489	female	17/02/2011	1317	1428	GUEMBEUL
1505	female	07/09/2011	1212	1428	GUEMBEUL
1510	female	21/01/2011	1187	1327	BARCELONA
1514	male	08/06/2011	1187	1407	AMIENS
1516	female	17/07/2011	1187	1040	BARCELONA
1524	female	30/03/2011	1249	1419	STUTTGART
1533	female	04/01/2012	1068	1180	GUEMBEUL
1538	female	11/09/2012	1092	1429	ALMERIA
1544	female	15/10/2012	1091	1288	ALMERIA
1546	female	03/11/2012	1091	1351	ALMERIA
1548	female	16/11/2012	1133	1389	ALMERIA
1556	male	18/12/2012	1133	1391	ALMERIA
1558	female	19/12/2012	1091	1244	ALMERIA
1559	female	03/01/2013	1133	1051	ALMERIA
1571	male	07/08/2012	1068	1456	GUEMBEUL
1574	female	21/11/2012	1068	1203	GUEMBEUL
1580	male	24/11/2012	1382	1183	NUEVA LL
1581	male	09/12/2012	1382	1226	MADRID Z
1585	male	20/03/2012	1138	1472	ZAMOSCZSM
1589	male	16/08/2012	1204	1198	BARCELONA
1596	female	20/05/2013	1133	1389	ALMERIA
1602	male	18/06/2013	1133	1391	ALMERIA
1608	female	07/05/2013	1382	1278	JEREZ
1610	male	19/06/2013	1382	1183	AMIENS
1614	female	05/08/2013	1449	1373	ALMERIA
1615	male	09/08/2013	1449	1250	ALMERIA
1618	male	21/08/2013	1449	1213	ALMERIA
1620	male	04/07/2013	1173	1297	ALMERIA
1639	male	05/01/2014	1173	1219	ALMERIA
1644	female	21/09/2013	1526	1401	MADRID Z
1651	male	26/02/2014	1449	1213	ALMERIA
1656	female	19/03/2014	1361	1311	ALMERIA
1657	female	29/03/2014	1449	1371	ALMERIA
1658	male	06/04/2014	1449	1373	ALMERIA
1662	female	02/03/2014	1173	1246	ALMERIA
1663	male	16/07/2014	1361	1302	ALMERIA
1674	male	28/08/2014	1449	1250	ALMERIA
1680	female	23/09/2014	1361	1311	JEREZ
1683	male	14/11/2014	1173	1084	ALMERIA
1684	female	24/11/2014	1361	1397	ALMERIA
1686	female	30/11/2014	1464	1407	BARCELONA
1688	male	22/07/2014	1514	1064	JEREZ
1690	male	03/08/2014	1514	1278	AMIENS
1691	female	10/05/2014	1414	1469	STUTTGART
1692	male	11/05/2014	1414	1419	MARWELL

1694	female	17/06/2014	1414	1158	STUTTGART
1697	male	10/02/2015	1206	1387	ALMERIA
1702	female	17/03/2015	1361	1302	JEREZ
1706	male	05/05/2015	1206	1307	ALMERIA
1710	male	21/05/2015	1361	1311	ALMERIA
1711	female	27/05/2015	1361	1397	ALMERIA
1715	male	05/07/2015	1651	1371	JEREZ
1716	female	29/07/2015	1651	1250	ALMERIA
1722	male	17/12/2015	1663	1656	ALMERIA
1723	female	31/01/2015	1514	1576	JEREZ
1725	female	14/02/2015	1514	1183	JEREZ
1726	male	21/02/2015	1514	1278	JEREZ
1728	male	01/03/2015	1642	1401	MADRID Z
1729	male	09/03/2015	1642	1276	BARCELONA
1732	female	27/09/2015	1642	1401	MADRID Z
1737	male	11/11/2015	1580	1349	NUEVA LL
1740	female	14/03/2016	1639	1389	ALMERIA
1741	male	14/03/2016	1639	1596	ALMERIA
1742	female	18/03/2016	1620	1544	ALMERIA
1743	male	19/03/2016	1639	1391	ALMERIA
1745	female	19/03/2016	1556	1387	ALMERIA
1746	female	22/03/2016	1639	1548	ALMERIA
1747	male	29/03/2016	1602	1398	ALMERIA
1748	female	29/03/2016	1602	1538	ALMERIA
1749	female	04/04/2016	1602	1429	ALMERIA
1753	male	14/04/2016	1602	1434	ALMERIA
1754	female	22/04/2016	1620	1351	ALMERIA
1755	male	22/04/2016	1602	1433	ALMERIA
1756	male	03/05/2016	1602	1374	ALMERIA
1757	female	11/05/2016	1556	1248	ALMERIA
1766	female	26/05/2016	1639	1559	ALMERIA
1768	female	05/06/2016	1449	1662	ALMERIA
1769	female	06/06/2016	1556	1287	ALMERIA
1771	male	27/06/2016	1449	1054	ALMERIA
1774	female	04/09/2016	1602	1446	ALMERIA
1775	female	21/09/2016	1639	1391	ALMERIA
1776	female	30/09/2016	1602	1538	ALMERIA
1777	female	07/10/2016	1556	1387	ALMERIA
1779	male	10/11/2016	1602	1433	ALMERIA
1780	female	11/11/2016	1639	1548	ALMERIA
1782	female	15/11/2016	1602	1398	ALMERIA
1783	female	23/11/2016	1602	1374	ALMERIA
1784	male	01/12/2016	1602	1429	ALMERIA
1785	female	06/12/2016	1556	1248	ALMERIA
1786	male	06/12/2016	1620	1558	ALMERIA
1787	female	13/01/2017	1639	1596	ALMERIA
1790	female	07/10/2016	1692	1336	MARWELL
1794	female	19/01/2017	1720	1383	ALMERIA
1795	female	28/01/2017	1720	1430	ALMERIA
1796	male	30/01/2017	1620	1546	ALMERIA
1797	male	31/01/2017	1620	1544	ALMERIA
1798	female	09/02/2017	1449	1219	ALMERIA

1799	male	09/02/2017	1539	1684	ALMERIA
1800	female	10/02/2017	1449	1662	ALMERIA
1801	female	13/02/2017	1539	1311	ALMERIA
1802	male	20/02/2017	1539	1680	ALMERIA
1803	female	20/02/2017	1539	1656	ALMERIA
1804	male	22/02/2017	1539	1711	ALMERIA
1805	female	01/03/2017	1539	1397	ALMERIA
1806	female	12/05/2016	1585	1522	ZAMOSCZSM
1808	male	22/05/2017	1539	1302	ALMERIA
1812	male	08/03/2017	1589	1510	BARCELONA
1813	female	08/03/2017	1589	1407	BARCELONA
1814	male	11/03/2017	1589	1479	BARCELONA
1815	male	12/03/2017	1589	1516	BARCELONA
1819	male	18/04/2017	1589	1411	BARCELONA
1820	female	22/04/2017	1589	1474	BARCELONA
1822	female	18/08/2017	1539	1311	ALMERIA
1823	female	20/07/2017	1450	1456	GUEMBEUL
1824	female	29/07/2017	1455	1533	GUEMBEUL
1827	female	12/08/2017	1455	1428	GUEMBEUL
1828	female	17/08/2017	1455	1136	GUEMBEUL
1829	male	18/08/2017	1450	1321	GUEMBEUL
1832	female	24/08/2017	1455	1505	GUEMBEUL
1835	female	01/11/2017	1773	1759	GUEMBEUL
1841	male	15/11/2017	1589	1476	BARCELONA
1842	female	09/12/2017	1589	1510	BARCELONA
1843	female	11/12/2017	1589	1411	BARCELONA
1845	male	20/12/2017	1589	1407	BARCELONA
1855	male	23/02/2018	1450	1626	GUEMBEUL
1857	female	17/08/2018	1627	1321	GUEMBEUL
1860	male	29/08/2018	1629	1505	GUEMBEUL
1863	male	14/02/2018	1464	1725	AMIENS
1864	female	14/02/2018	1464	1647	JEREZ
1865	male	20/02/2018	1464	1608	AMIENS
1870	male	20/02/2018	1589	1480	BARCELONA
1871	female	10/06/2018	1414	1469	STUTTGART
1872	female	07/04/2018	1585	1806	ZAMOSCZSM
1873	female	18/10/2018	1676	1806	ZAMOSCZSM
1874	male	08/05/2019	1710	1614	ALMERIA
1875	female	13/05/2019	1706	1774	ALMERIA
1876	female	15/05/2019	1706	1776	ALMERIA
1877	male	17/05/2019	1706	1775	ALMERIA
1879	female	21/05/2019	1618	1803	ALMERIA
1880	female	21/05/2019	1706	1548	ALMERIA
1881	female	23/05/2019	1706	1780	ALMERIA
1882	male	23/05/2019	1176	1769	ALMERIA
1883	male	27/05/2019	1710	1657	ALMERIA
1884	male	30/05/2019	1710	1716	ALMERIA
1885	male	18/02/2019	1825	1832	GUEMBEUL
1886	male	21/02/2019	1825	1827	GUEMBEUL
1887	female	24/02/2019	1825	1828	GUEMBEUL
1889	female	02/06/2019	1624	1489	GUEMBEUL
1890	female	10/07/2019	1706	1766	ALMERIA

1891	male	02/08/2019	1176	1785	ALMERIA
1892	female	10/09/2019	1176	1745	ALMERIA
1893	female	13/09/2019	1618	1387	ALMERIA
1894	male	09/10/2019	1618	1397	ALMERIA
1896	male	06/12/2019	1706	1775	ALMERIA
1897	female	07/12/2019	1710	1213	ALMERIA
1898	male	09/12/2019	1710	1657	ALMERIA
1899	female	09/12/2019	1706	1548	ALMERIA
1900	male	09/12/2019	1706	1766	ALMERIA
1901	female	14/12/2019	1706	1774	ALMERIA
1902	male	16/12/2019	1706	1780	ALMERIA
1903	male	28/06/2019	1624	1574	GUEMBEUL
1904	male	06/07/2019	1624	1428	GUEMBEUL
1905	female	26/07/2019	1624	1505	GUEMBEUL
1906	female	25/10/2019	1571	1828	GUEMBEUL
1907	male	25/10/2019	1571	1827	GUEMBEUL
1908	female	03/11/2019	1571	1832	GUEMBEUL
1909	male	21/12/2019	1618	1803	ALMERIA
1910	female	27/03/2019	1464	1608	JEREZ
1911	female	09/05/2019	1464	1725	JEREZ
1912	male	10/06/2019	1464	1723	JEREZ
1913	female	23/09/2019	1581	1401	MADRID Z
1914	female	17/10/2019	1581	1644	MADRID Z
1916	male	09/11/2019	1581	1732	MADRID Z
1917	female	25/04/2019	1676	1806	ZAMOSCZSM