

Wildlife Biology

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Appendix 1

Data on colony size used to calculate the proximity-to-colony index

Figure A1. Distribution of the colonies used in the calculation of the proximity-to-colony index. Stars represent colony position and star size indicate colony class size. Numbers correspond to colony ID values reported in Table A2. For each plot, the index was calculated taking into account the distance and the size of the five nearest colonies. For this reason, some of the colonies lay outside the border of our study area.

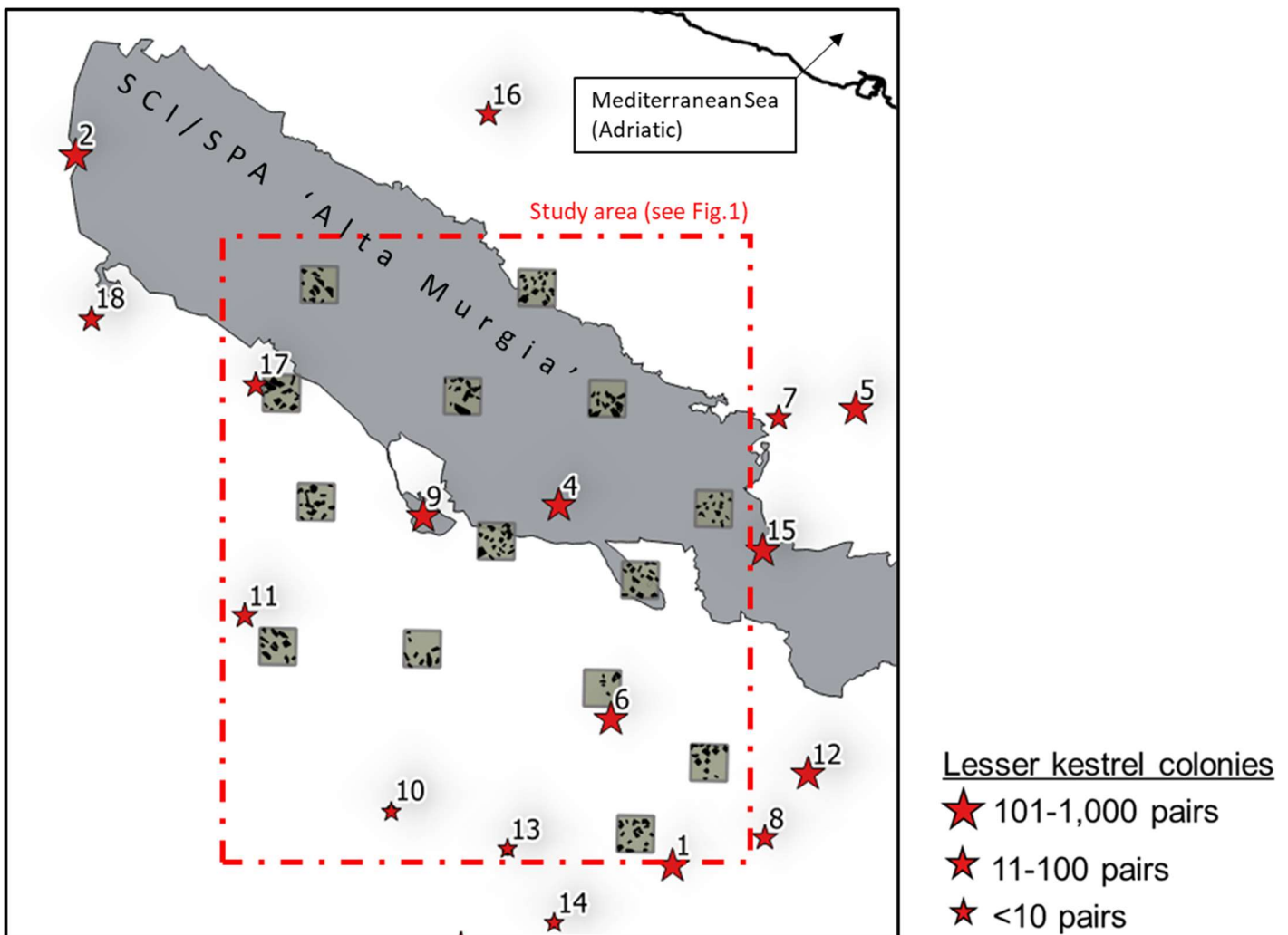


Table A2. Data on colony size (number of pairs) of the lesser kestrel colonies neighbouring the plots of our study area and used to calculate the proximity-to-colony index. Colony ID values correspond to those used in Fig. A1.

ID	Colony name (city)	Latitude	Longitude	Number of pairs	Reference year	Source
1	Montescaglioso	40.557	16.664	140	2014	G. Giglio, G. Palumbo, M. Visceglie, M. Bux, V. Cripezzi (data published in Morganti et al. 2017)
2	Minervino	41.086	16.077	366.5	mean 2015-2016	La Gioia et al. 2018
3	Andria	41.227	16.297	12	2013	G. Giglio, G. Palumbo, M. Visceglie, M. Bux, V. Cripezzi (data published in Morganti et al. 2017)
4	Altamura	40.825	16.553	766.5	mean 2015-2016	La Gioia et al. 2018
5	Acquaviva delle fonti	40.897	16.845	179	mean 2015-2016	La Gioia et al. 2018
6	Matera	40.666	16.604	925	2014	G. Giglio, G. Palumbo, M. Visceglie, M. Bux, V. Cripezzi (data published in Morganti et al. 2017)
7	Cassano delle murge	40.891	16.769	185.5	mean 2015-2016	La Gioia et al. 2018
8	Ginosa	40.577	16.756	111	mean 2015-2016	La Gioia et al. 2018
9	Gravina	40.817	16.419	1128.5	mean 2015-2016	La Gioia et al. 2018
10	Grottole	40.598	16.388	1	2014	G. Giglio, G. Palumbo, M. Visceglie, M. Bux, V. Cripezzi (data published in Morganti et al. 2017)
11	Irsina	40.743	16.244	12	2014	G. Giglio, G. Palumbo, M. Visceglie, M. Bux, V. Cripezzi (data published in Morganti et al. 2017)
12	Laterza	40.625	16.798	106	mean 2015-2016	La Gioia et al. 2018
13	Miglionico	40.569	16.502	2	2014	G. Giglio, G. Palumbo, M. Visceglie, M. Bux, V. Cripezzi (data published in Morganti et al. 2017)
14	Pomarico	40.514	16.548	7	2014	G. Giglio, G. Palumbo, M. Visceglie, M. Bux, V. Cripezzi (data published in Morganti et al. 2017)
15	Santeramo	40.792	16.753	567.5	mean 2015-2016	La Gioia et al. 2018
16	Ruvo di Puglia	41.116	16.483	10	2014	G. Giglio, G. Palumbo, M. Visceglie, M. Bux, V. Cripezzi (data published in Morganti et al. 2017)
17	Poggiorsini	40.916	16.254	10	2014	G. Giglio, G. Palumbo, M. Visceglie, M. Bux, V. Cripezzi (data published in Morganti et al. 2017)
18	Spinazzola	40.965	16.093	10	2014	G. Giglio, G. Palumbo, M. Visceglie, M. Bux, V. Cripezzi (data published in Morganti et al. 2017)