

The Italian Rural Systems Atlas

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Basilicata



manual work, as the use of machinery is still limited (fig. 22) and the seasonal "tomato race" of the "wheat countryside". Horticulture and the artichoke is still a national leader (31.2% of total horticultural production) and introduced to industrial cultivations.



Cultivated with sugar beet (15421 ha, province of Foggia), but production has declined considerably (see fig. 24).

In 1953, when it was first cultivated, the area it occupied in the region was 23.7% of the national total. Per hectare, the yield was lower than the national average (1.5 t per hectare). Currently this area is 25 & 26).

Growing popularity, thanks largely to its adaptability to dry conditions, is an irrigated sunflower field in the province of Matera, as in Puglia to introduce this new crop, wheat fields, rural buildings

instituted the new province of Basilicata, which has, in all, ten communes: Nardò, Lecce, Oria, Martina Franca, Trinitapoli, Laterza, Ceglie Messapica, Lavello, Lizzanello, Minervino Murge, and Tursi. Three of these were formerly in the province of Taranto. The remaining seven were in the province of Bari.

Geography

(«Storia d'Italia»), Torino, UTET, 1972. «Basilicata e Calabria», Bari, Adda, 1991. «Capitano tra Sette e Ottocento, in Basilicata e Calabria», (Coll. «Storia d'Italia»), Einaudi, 1989.

«Basilicata e Calabria tra sviluppo e crisi, in un'epoca di crisi mondiale», Bari, Einaudi, 1983, pp. 535-560.

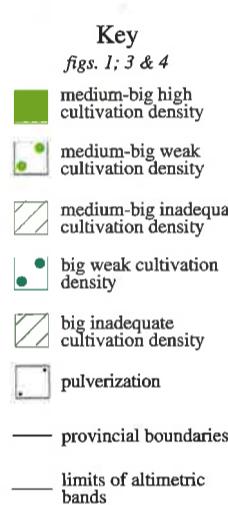
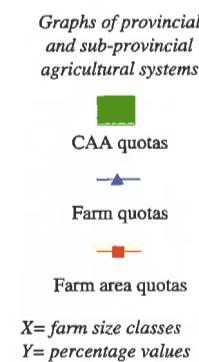


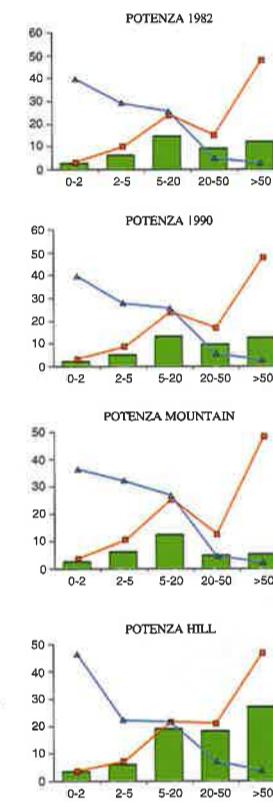
Fig. 1 Basilicata agricultural systems in 1970



Regional agricultural systems

M.G. GRILLOTTI DI GIACOMO

Right down to its basic elements, agriculture in Basilicata is distinct from the rest of the Mezzogiorno. Structural features combine to form agricultural systems based on the prevalence of medium-large farms. These farms are more (Potenza) or less (Matera) under pressure from microfarms. The pulverised microfarms highlight the strength of the larger farms on more fertile



percentage of cultivated area on the coastal plains (high density) falls drastically on the steepest slopes (medium density) and further, to decidedly lower levels in the mountain band (inadequate density) (see fig. 4).

Nevertheless, the presence of huge farms in the area provides some relief to agriculture that is marginal and under threat and faces the challenge of the new roles of providing services and promoting natural and historical regional heritage.

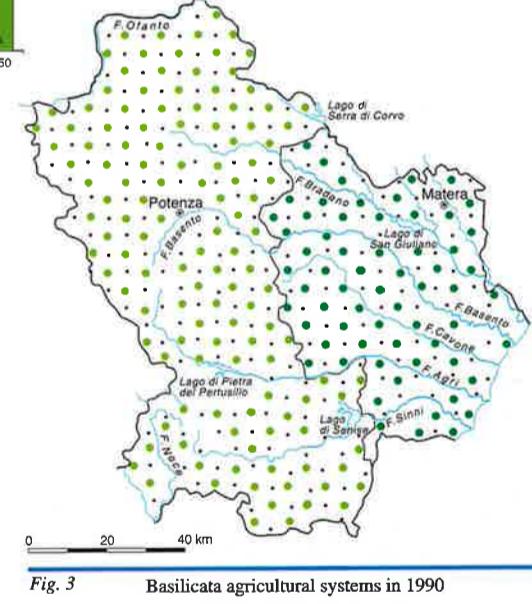
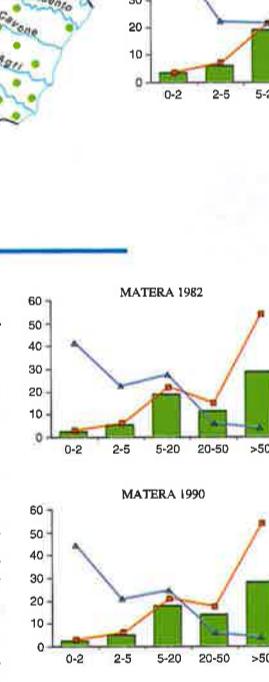


Fig. 3 Basilicata agricultural systems in 1990

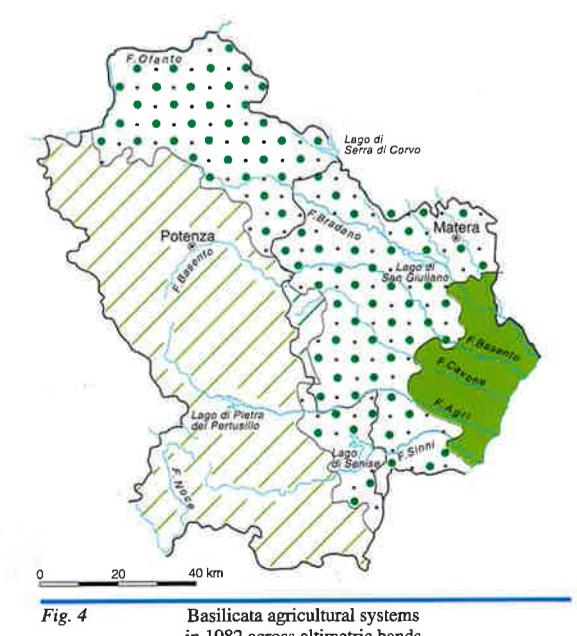
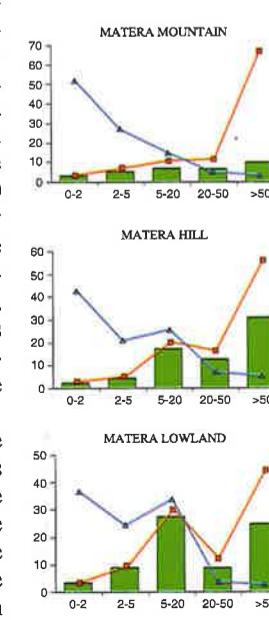


Fig. 4 Basilicata agricultural systems in 1982 across altimetric bands

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of the C.N.R., sheet no. 17,
Rome, 1960)



After the spread of the Magian Grecia and the resulting effects of elements at Meroe and Heraclea and the reorganization of the Greeks with the local populations (Lucanians and Apulians), followed by the hydraulic works and settlement of the Ionic coast, the following centuries held little store for the growth of Basilicata. In the Norman period, inland areas nestling beneath castles, particularly the sub-regional centre of Uglione, gained influence. Metapontum, and then Venosa, Horace's birthplace, was the most famous centre of Roman Lucania. Territorial isolation continued under the

trib scenes) off the beaten track. The large amount of available



The figure consists of two maps of the Apennine region. The left map is a legend titled 'Two typical traditional agricultural systems in the Apennine mountains and adjacent mountainous areas' (Figs. 5 & 6). It shows five categories: 'Seed crops (dry)' (yellow), 'Seed crops (dry) and wood/crops (dry)' (orange), 'Vineyard' (red), 'Olive grove' (pink), and 'Pasture and unenclosed crops' (green). The right map is a geological map titled 'Italian land utilisation map of the hills of Melfera (source of the C.N.R., sheet no. 17, Rome, 1960)'. It shows the same five land-use types as the legend, overlaid on a background of geological symbols representing different rock types and structures. A scale bar indicates distances up to 5 km.

Fig. 7



Seed crops (dry)	Yellow
wood (dry)	Orange
Linseed	Red
Olive grove	Green
Pasture and untilled but partially and occasionally seed	Greyish-green
crofts	Grey

(photo R.G. Maury)
the Sini near Semise
monoculture who claim on



Vegetable crops on the
Imperial Metaponto plain
(photo R.G. Maury)

Limestone mountain
Agricultural sub-areas
(elaboration D. Palumbo)



(photo R.G. Murray)

of the Vulture
of the volcanic formation
Vulture Hill area on the slopes
Fig. 11
Dam - basin
valley bottoms
Metapelite plain and in
the targeted area on the
hill region
Vulture volcanic
tongue
[yellow] [orange]
[blue] [green]
[red] [purple]
[pink] [brown]

(photo R.G. Mauzy)
of the Vulture
as vulture hunting



complex merit mentioning. The picture is completed by the limited flatland of the Piana di Metaponto and the valleys of marshland, frequently flooding and malarial plains that have almost always, that cannot be used intensively, due to the presence of malaria.

(photo R.G. Maury)
of the Vulture
or the Vulture-tourmaline



The picture is completed by the Metaponto and the valleys of the intensively, due to the presence and malarial plains that have

less stable with the massive deforestation of the 1800s. There is a prevalence of open field seed crops, giving way to wooded pasture land on higher land. This higher ground is connected to the lowlands by a dense network of tratturi for the seasonal migration of herds of sheep. Specialised cultivation takes place on a limited area. The vines on the eastern slopes of the Vulture volcanic



When Italy was unified, the gravity of the situation in rural Mezzogiorno emerged. Firstly in the parliamentary enquiry into the living conditions of peasants (Jacini, Zanardelli, Giolitti), and the speeches of Rossi Doria and elsewhere in the unforgettable pages of *Cristo si è fermato ad Eboli* by Carlo Levi. The ensuing debate, in Italy and abroad, led in 1952 to the first Matera law (no. 619) and to the transfer of roughly the 15000 people (mainly farmhands), living, some still today, in the Sassi cave dwellings dug into the rock at the edge of the Matera trough. Between the 1950s and the 1980s there were major transformations of agricultural countryside, mostly the result of interventions by the Cassa per il Mezzogiorno, including reclamation, agrarian reform (see fig. 7) and improved water supply. A series of dams was built by the Ente Irrigazione (San Giuliano, Pertusillo, Gannano, Rendina, Saetta, Montecotugno, etc.) (see figs. 8 & 10), that proceeded to construct an irrigation network that serves the entire Metaponto, and large areas in the Agri, Basento, Bradano and Ofanto valleys (see fig. 10). Other typical features of agricultural countryside can be seen in areas where damage to the water table is extensive and in the mountain band, where hydraulic projects and reforestation are taking place. Rural areas are constantly subject to population flows. Calculations show that today, 650000 Lucanians live outside the region, that is higher than the current resident population. The constant deterioration of the inland belt causes a decline in the sectorial and territorial operations of traditional agricultural spaces in the least favourable environments. Agricultural countryside shows signs of the neglect in part-time agriculture, often practised by elderly farmers.



Sub-areas, produce and specialised cultivation.

A. RIGGIO

The breakdown of regional agricultural space must take account of various geographical factors such as: environmental limitations; the influence of varying pedological and altitudinal conditions; population flows; the recent evolution of agricultural countryside caused by the territorial distribution of state interventions; structural and economic features and the variation in territorial functioning in individual contexts (see figs. 1, 2, 3, 4 & 10). The irrigated area of the Piana del Metaponto and the areas in valley bottoms combine to form the first agricultural region. A collection of lowland areas with favourable natural conditions and the positive effects of state intervention, both sectorial

Fig. 12
Seed crops on clay soil and deforested land of the Avanfossa Bradanica
(photo R.G. Maury)

(reclamation, agrarian reform, capital lending, irrigation systems, regional experimental centres) and territorial (roads, services, greater economic growth). The land is used prevalently for fruit and vegetable growing (tomatoes, strawberries and citrus fruit) (see fig. 9). Livestock farming takes place in the Valle dell'Agri. These agricultural systems are dominated by high density medium-large farms. The highest levels of production are on the Piana di Metaponto, that is fighting the incursion of tourism and urbanisation.

The volcanic hill land of the Vulture. This is one of the most fertile areas in Basilicata and devotes activity to production of the DOC wine Aglianico. There is considerable bottling activity in the towns of Rionero in Vulture, Barile, Venosa and Acerenza (see fig. 11). The olive, which is the other largely cultivated species, and is frequently grown in association with vines is helped by the Consorzio Oleicolo del Vulture. This is a densely inhabited and built-up zone with other countryside resources, cultural and environmental heritage, mineral and thermal water. In this northern



Fig. 13
Brienza and low mountain agricultural landscape
(photo R.G. Maury)

sector of the region rapid change is taking place due to the construction of the Sata-Fiat factory, that employs 7000 and other industries.

The inland hill area of the Avanfossa Bradanica. This is an agricultural area, where, after massive deforestation, activity concentrates almost entirely on traditional wheat growing, revitalised by CAP funds (see fig. 12). The area excludes the totally infertile run off troughs (see fig. 14). A few medium size farms follow other activities such as cattle farming for slaughter and pork farming. In the territory of Ferrandina, olives are cultivated and produced for table consumption. The limestone mountain and the high inland hills. The altitude and the isolation due to the rugged morphology and the eternal shortage of roads, greatly limit agricultural potential and territorial functioning of this sub-region. The area is formed by the Lucan Apennine and the stark Mount Pollino (the sub-area includes the Valle del Noce and the Golfo di Policastro with its mountain overlooking the sea at Maratea). The productive systems concentrate on cereal cultivation and livestock farming. A good part of rural space risks depopulation. Other important countryside features include precious forest resources and collectively owned

Fig. 14
Example of erosion caused by water run-off at S. Maria d'Anglona, Matera
(photo R.G. Maury)



Fig. 15
Potenza: scattered dwellings and new university campus under construction (to the fore at the left) in the agricultural outskirts of Macchia Romana
(photo R.G. Maury)



ent longest on the question is, dom. Since the end of the last to include in surveys has been where there is an annual census ter year the criteria are retuned nically productive farm and no st one employee, at least 800 one green house with a cover- 8 & 9). The result of placing farm as opposed to that of the thousands of businesses from the tive spaces, but also from hete- spite their limited means and are nevertheless an active pre- se the territory. This is why the l systems in Wales and England for UAS (see figs. 10 a, b & c: data do not permit distinction



arms and that under cultivation. particularly those in recent on regarding farm productivity those reaching the minimum , despite the significant interest areas, elaborated census data large farm in national agricultural smaller scale agricultural world use of its lesser importance.

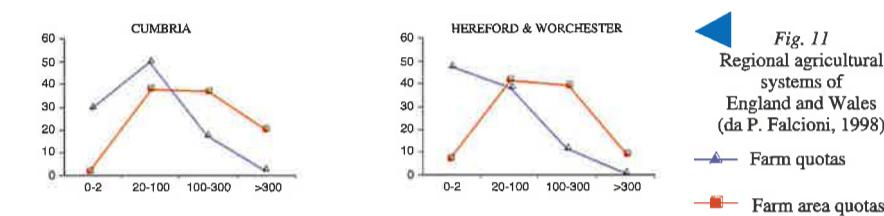


Fig. 11
Regional agricultural systems of England and Wales
(da P. Falcioni, 1998)
—▲— Farm quotas
—■— Farm area quotas

German agricultural surveys deserve specific attention. The data gathered on the dimensions of farms should be read in terms of underlying social and historical factors and not paying attention to the criteria on which the survey is based. The regional authorities differ depending on their belonging to longstanding Länder in the original German Federal Republic or to the new Länder from the recently annexed German Democratic Republic. The former reflect a farm structure typical of the West and of its property markets, while the lat-



Fig. 12 a, b
Regional agricultural systems of England and Wales
(da P. Falcioni, 1998)
—▲— Farm quotas
—■— Farm area quotas

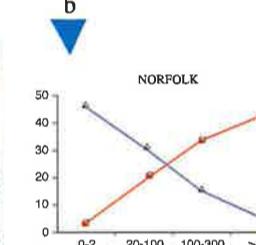
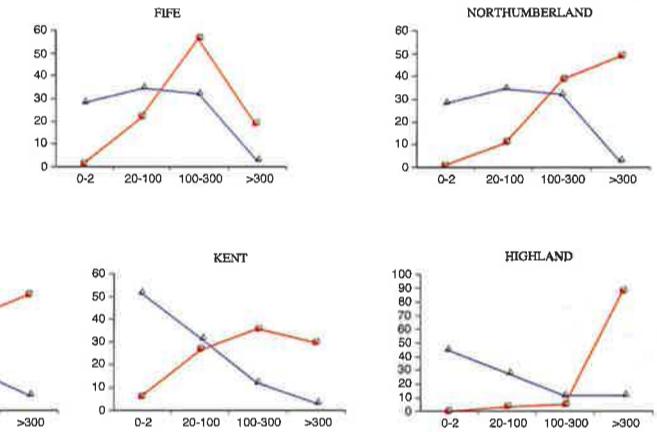


Fig. 13
Narrow strips of agricultural land with rows of vines threatened by erosion and the expansion of tourism in Cappadocia
(photo R. Maury)

In every EU member state, the collection of data in terms of scale of output appears to predominate over that of territorial dimension. This is despite the orientation of structural policy, which over the last two decades, has called for the definition and selection of rural areas to receive incentives and investment.

European agricultural systems

Specific individual interests and concerns have moved each member state to adopt its own criteria for agricultural surveys.



Even though the variety of criteria adopted means that the structural characteristics must be interpreted with a degree of elasticity, the data give us an image of the varying socio-economic notions of "land resources", along with the importance of the primary sector in every EU member state. Despite the incoherencies, elaboration of the data on structural elements illustrate

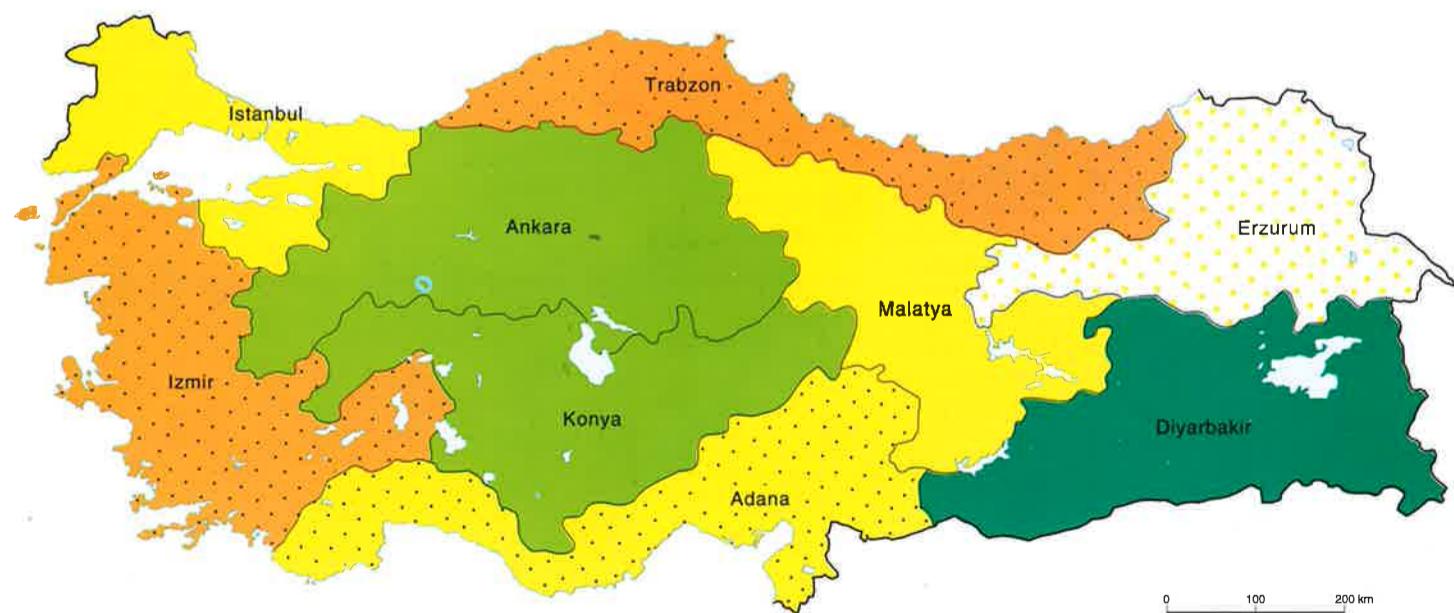


Fig. 14
Agricultural systems of Turkey (source D. Palumbo, A. Riggio, 1998)
—●— medium-small high cultivation density
—■— medium high cultivation density
—◆— medium weak cultivation density
—▲— medium-big high cultivation density
—■— big high cultivation density
—○— pulverization

ter reflect the collective management of agricultural space. The surveys of some Mediterranean states show an equally paradoxical focus on the most productive farms, even where the most widespread model of agricultural business is based on small and microfarms. Greece and Turkey too (see fig. 13) exclude permanent pasture land and woods from the surveys carried out by national statistical offices. The similarities end here however, and the farm area surveyed in the two countries is calculated by different means. Greece has established a minimum size for farms to be included in the survey (*stremma* of 0.1 hectares), while in Turkey every productive unit is included regardless of surface area.

certain individual elements of the agriculture in different states. Compared to that in other states in the European Union, agriculture in the United Kingdom is an emblematic case of primary sector growth that has traditionally respected the dictates of economic production. By the 1970s this growth was already so advanced as to require transition to the post productive phase. Starting in 1973, in the year when the UK joined the EU, critical analysis of the traditional model was undertaken and by the beginning of the 1990s gave rise to the Mac Sharry proposal for incentives for set-aside that was accepted by Community policy. From that moment on, British agriculture has distinguished

