## Polymath 685 Set by Cincinnus

ACROSS
1 Pioneer ecologist who wrote Silent Spring $(6,6)$
7 Bony structure of the foot between the heel and toes (4)
11 Instrument used in ancient times for scraping oil or sweat off the skin (7)
12 A plant of the genus Ranunculus with bright yellow flowers (9)
13 A mosslike growth on rose bushes produced by a gall wasp (8)
14 Large aquatic plant-eating mammal, also called sea cow (7)
16 One of the longest rivers in South America, rising in south-east Venezuela (7)
17 The brightest star in the constellation Piscis Austrinus (9) 18 Novel by Muriel Spark that won the 1965 James Tait Black Memorial Prize (3,10,4)
22 A sweet sparkling wine from northern Italy (9)
251964 heist movie starring Melina Mercouri and Maximilian Schell (7)
27 Ring-shaped (7)
28 Philosopher lampooned in Aristophanes' play The Clouds (8)
30 Breed of small long-haired dog originating in Tibet $(5,4)$
31 Aromatic plant of the parsley family; also called baldmoney (7)
32 A bunker or other hollow on a golf course (4)
33 US state whose official motto is Montani Semper Liberi $(4,8)$ DOWN
1 The third major Pleistocene glaciation in Alpine Europe (4)
2 A White Friar (9)
3 Cretan-born Spanish painter $(1541-1614)(2,5)$
4 A transparent flammable plastic made from camphor and nitrocellulose (9)
5 Leader of two Antarctio expeditions, in 1901-04 and in 1910-13 (6,6,5)
6 That point at which any condition is most favourable (7)
8 A soft unsalted Italian cheese resembling cottage cheese (7)
9 A diminished susceptibility to physical stimuli (12)
10 French prime minister 1936-37, 1938, 1946-47 (4,4)
15 An early John Steinbeck novel set in Monterey, California $(8,4)$
19 Capital of the French department of Cantal (8)
20 Island at the mouth of the St Lawrence River in Quebec (9)
21 King of Argos who led the Greek army in the Trojan war (9)
23 A symbolic circular figure representing the universe in various religions (7)
24 An apothecaries' weight of 20 grains (7)
26 A thin coating of gold, silver or other metal (7)
29 One of the two bones in the human forearm (4)


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The first correct entry drawn on Wednesday December 5 wins a Cross Edge pen. Entries, using the form below, should be addressed to Polymath No 685, Weekend FT, One Southwark Bridge, London SE1 9HL. The solution and winner's name will be published on Saturday December 8.

| Jotter pad | Solution Polymath 683 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Name.
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