# The Ptolemaic Sea Empire

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#### Introduction: Empire or "Overseas Possessions"?

In 1982, archaeologists of the State Hermitage Museum excavated a sanctuary at the site of Nymphaion on the eastern shore of the Crimea. The sanctuary had been in use from ca. 325 BCE until its sudden abandonment around 250 BCE.¹ An inscription found *in situ* associates the site with Aphrodite and Apollo, and with a powerful local dynasty, the Spartokids.² Built upon a rocky promontory overlooking the Kimmerian Bosporos near the port of Pantikapaion (the seat of the Spartokids), the sanctuary clearly was linked to the sea. Most remarkable among the remains were two polychrome plastered walls covered with graffiti depicting more than 80 ships—both war galleys and cargo vessels under sail—of varying size and quality, as well as images of animals and people. The most likely interpretation of the ship images is that they were connected to votive offerings made to Aphrodite (or Apollo) in return for safe voyages.³ Most noticeable among the graffiti is a detailed, ca. 1.15 m. wide drawing of a warship, dated by the excavators to ca. 275–250, and inscribed on its prow with the name "Isis" (IΣIΣ).⁴ The ship is commonly

<sup>1</sup> All dates hereafter will be Before Common Era. I am grateful to Christelle Fischer-Bovet's for her generous and critical comments.

<sup>2</sup> SEG XXXVIII 752; XXXIX 701; the inscription mentions Pairisades II, King of the Bosporos (r. 284/3-245), and his brother. Kimmerian Bosporos is the ancient Greek name for the Channel now known as the Strait of Kerch, and by extension the entire Crimea/Sea of Azov region; see Wallace 2012 with basic bibliography.

<sup>3</sup> Both Apollo and Aphrodite were *sōtēres*, savior gods, who protected sailors and ships (Graf 1979; Carbon 2013; Eckert 2016). In the Hellenistic period, the Ptolemaic court promoted throughout the eastern Mediterranean the equation of Isis to Aphrodite, especially in her capacity as the protector of seafarers, and in turn equated *both* deities to the deified Arsinoe II and several subsequent Ptolemaic queens (Gasparro 2007; Plantzos 2011; Bonnet and Bricault 2016, 166–174).

<sup>4</sup> Basch 1985; Grač 1987; cf. SEG XXXIV 756. That the letters IΣIΣ are part of the ship and that "Isis" is the ship's name is convincingly shown by Murray 2002, 252–253. The claim in SEG XLV 997 ad (5) that "the Isis is the Ptolemaic flag-ship which officially visited Bosporos in 254 B.C." is sheer fantasy and is to be discarded; cf. Murray 2001, who demonstrates that the ship is a common trireme rather than one of Ptolemy II's "super galleys", endorsing the

identified as a Ptolemaic vessel, testifying to the wide reach of Ptolemaic naval power.  $^{5}\,$ 

The Ptolemies were one of the three Macedonian dynasties that emerged victorious from the succession wars after the death of Alexander the Great in 323. Their empire existed until the death of the last, and best known, monarch, Kleopatra VII, in 30 BCE. Being an expansionist power, the Ptolemies competed relentlessly with the Seleukids, the powerful Macedonian dynasty that dominated a vast land empire in the interior of Asia. Rival claims to universal hegemony led to a series of violent clashes between the two superpowers, the so-called Syrian Wars, that upset the entire eastern Mediterranean for more than a century. The Ptolemies and Seleukids continuously interacted with each other and a history of the Ptolemaic Empire cannot be written without taking this fundamental entanglement into account.

The Ptolemies are commonly known as the kings and queens of Egypt. In popular culture, the Ptolemies are presented as the pharaohs of an idealized Egypt, a tremendously ancient and unchanging civilization. The image is charged with Orientalistic stereotype, particularly when it comes to imagining Kleopatra, the seductive and deceitful "Queen of the Nile". Such views have to a significant degree pervaded scholarship. To uphold the attractive notion of the Ptolemaic kingdom as a "traditional" pharaonic state, modern scholarship has largely ignored the non-Egyptian, imperial aspects of the Ptolemaic polity, while at the same time underestimating ethnic, cultural and political diversity

excavator's first impression (Grač 1987, 90–95; *pace* Basch 1985; Vinogradov 1999); Murray 2002 does however endorse Vinogradov's postulation that the Isis brought an "Egyptian" embassy to the Kingdom of the Bosporos, with the specific intend of introducing there the cult of Isis and other Egyptian deities (*contra* this view, see the cautious remarks by Marquaille 2008, 51 n. 52). The Crimea was again within the Ptolemaic sphere of influence when Antony and Kleopatra proclaimed a "New Era", and coins celebrating this event crossed the Black Sea (Schrapel 1996, 209–223; spread of coins as a method and indication of empire: Bagnall 1976, 176–212).

<sup>5</sup> The identification of the ship as Ptolemaic is based not only on its name, but also on its overall structure and form (Höckmann 1999, 307–308), as well as the type of ram attached to its bow (Murray 2001, 253–254). The Ptolemaic connection is rejected by Morrison 1996, 209.

<sup>6</sup> The world of the Ptolemies has attracted much scholarly attention, among other things because of the relative abundance of sources in the form of papyri. The past decades saw the publication of several ground-breaking monograph-length studies, including Manning 2003; Stephens 2003; Véïsse 2004; Mueller 2006; Moyer 2011a; Török 2011; and Fischer-Bovet 2014.

<sup>7</sup> For the image of Kleopatra in modern European painting, see Hughes-Hallett 1990; the Orientalistic image of the queen in Western cinema is discussed e.g. by Fössmeier 2001; Llewellyn-Jones 2002; and Wenzel 2005.

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within Egypt itself, 8 treating Egypt as if it were a kind of modern nation state. It is hard not to become allergic to the worn-out cliché that Ptolemaic kingship was "double-faced", i.e. that the Ptolemies were both "traditional" pharaohs and Greek basileis (kings) for the sake of respectively their Egyptian and their Greek "subjects". The pharaonic side of the Ptolemaic Janus head in fact was not so traditional at all. It rather was the product of a dynamic process of selecting and manipulating pre-existing cultural models—partly imposed topdown and partly a mediation between the interests of the dynasty and those of multifarious local elites. There may be some truth in the Janus head model in Egypt, where indeed we simultaneously find Egyptian and Greek (and "mixed") styles, for instance in royal portraiture. 10 But the image is entirely incorrect outside of Egypt, where we do not find this pharaonic representation.<sup>11</sup> And the alleged "Greek" monarchical representation was in fact an innovative pan-Hellenism aimed not only at Greeks (themselves an ethnically and culturally diverse category) but also at Nabateans, Judeans, Idumeans, Phoenicians, Syrians, Cypriots, Pamphylians, Lykians, Karians, Macedonians, Thracians, Libyans, Nubians, and others. There is, to be sure, no reason to assume that the "Greek" propaganda could not be directed at Egyptians as well. The Greek "face" in other words, was not so much Greek as it was imperial. 12

<sup>8</sup> So e.g. Mooren 1975, 4: "unlike the Seleukids, the Ptolemies had to reckon with (not counting the Cypriots) only one native people, the Egyptians." The Ptolemaic Empire in fact was hardly less "multicultural" than the Seleukid Empire, as we will see.

<sup>9</sup> But see Manning 2009, 3, rightly stating that the Ptolemaic polity in the interior of Egypt was "neither an Egyptian, nor a Greek state" but a new creation combining "elements of pharaonic, Persian, Macedonian, and Greek practice, with new modes of production and taxation".

Brophy 2015, who emphasizes however that these portraits are found in distinct contexts. There may exist yet another instance of the Ptolemaic emperor roleplaying as indigenous king: a series of small silver coins from Judea depicting the head of Ptolemy I on the obverse, and on the reverse an image of an eagle—symbol of the "imperial" deity Zeus but in this context perhaps *also* symbolizing Yahweh—with paleo-Hebraic inscription *yhd* (Yehud = Judea); a second coin type, carrying the same inscription, has on its reverse the head of Queen Berenike I; for both coin types see Lykke 2010, 80–81 with figs. 12 and 14, and further bibliography. The now more widely accepted idea that the religious reverse images on Hellenistic royal coinages were deliberately ambiguous to render them multi-interpretable, was first explored by Erickson 2011.

<sup>11</sup> See Winter 2011 for the absence of Egyptian or Egyptianizing artefacts in the Ptolemaic settlements of the Aegean; and Palagia 2013 for the Greek style of royal portraiture spread all over Greece from central production centers such as Kos.

Or "cosmopolitan"; for references, see below, n. 38. The highest levels of the Ptolemaic court and army were dominated by ethnic Macedonians and Greek-speaking individuals from the Aegean, Alexandria and Cyrenaica; non-Greeks (Egyptians, Judeans) reached the top as "favorites", that is, outsiders favored by the king to challenge the power of

The imperial aspects of the Ptolemaic polity, however, have been consistently played down by the use of such terms as "foreign policy" or "overseas possessions". 13 For instance H. Braunert in an influential article published in 1964 transplanted the then current interpretations of modern European colonialism to the Ancient World by theorizing that Ptolemaic imperialism was motivated by the wish to secure raw materials for the "motherland". 14 A conscious policy of "defensive imperialism" has also been attributed to the Ptolemies.<sup>15</sup> As Sheila Ager dryly noted, "for a state that was interested primarily in security rather than aggrandisement, the Ptolemaic regime was extraordinarily active outside its own borders."16 We may add that for a polity whose territorial ambitions allegedly were limited, the Ptolemaic dynasty propagated a remarkably universalistic ideology.<sup>17</sup> A notable critic of perceived views is Céline Marquaille, who wrote that "the interests of the Ptolemies outside Egypt are often observed and analysed as separate from their activities in Egypt [...]. The administrations of Syria or Cyprus are seldom considered as part of a Ptolemaic state, and are instead often included in the study of Ptolemaic foreign policy".18

A related approach has been to view Egypt itself as a colonized country. But the image of native Egyptians suppressed by malicious Greeks seems to have been inspired rather directly by the modern colonial experience, too.  $^{20}$ 

established elites (Strootman 2017b). The early Ptolemies likely saw themselves not as Greeks but as Macedonians. On the court as a center for the production of "imperial culture", see Strootman 2014d and 2017a.

<sup>13</sup> E.g. Peremans and Van 't Dack 1956; Bagnall 1976; Beyer-Rotthoff 1993.

Braunert 1964, 91–94; a similar argument is made by Beyer-Rotthoff 1993, 206–207.

Most influential in this respect have been Rostovtzeff 1941, 334, and Will 1979, 153–208; still Vandorpe 2014, 169–171.

<sup>16</sup> Ager 2003, 38.

I refer the reader to my earlier publications on the universalistic pretensions of the Ptolemaic and Seleukid empires: Strootman 2007, 353–357 and *passim*; 2010a; 2014a; 2014b; 2017a, 115–146. Also see now Petrovic 2014; Burstein 2016.

<sup>18</sup> Marquaille 2008, 39.

<sup>19</sup> E.g. Will 1984, 41-42.

See e.g. Will 1986. Against this view notably Bagnall 1997, criticizing the conceptualization of Egypt as a colonized country; Bagnall's view is defended by Manning 2009, who cautions not to "[analyze] Ptolemaic state formation through the lens of the nineteenth-century nation state's colonial experience or twentieth-century postcolonial reactions to colonization" (p. 36). See more recently the excellent treatment of Greco-Egyptian relations by Fischer-Bovet 2016, showing that Ptolemaic elite culture in Egypt was not exclusive but "cumulative": in addition to local identities, elite members gained prestige through their association with the monarchy and the court, as expressed by their participation in specific dynastic festivals and rituals.

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Thus, the model of the bounded European nation state has profoundly informed modern interpretations of Ptolemaic history.<sup>21</sup>

In this chapter, I approach the Ptolemaic polity as an organization of the imperial type—not as a country *with* an empire. The view of premodern empire in recent literature has become less and less state-like; instead, fluidity and plurality are believed to be characteristic of empire.<sup>22</sup> The empire paradigm has the benefit that it encompasses a wide variety of forms of control, negotiation, exploitation, and cooperation.

I furthermore argue that Ptolemaic imperialism was seaborne: its main routes of communication were maritime, and its imperial policy aimed first of all at securing sea routes through the control of harbors. This does not imply that the Ptolemies did not control territory in Egypt, Asia Minor and Syria; but as with most premodern imperial leaders, their main concern was with the control of people and resources rather than with territory per se.

My focus will be on the heyday of the empire in the third century, under its first four rulers, Ptolemy I Soter (323–282), Ptolemy II Philadelphos (282–246), Ptolemy III Euergetes (246–222), and Ptolemy IV Philopator (222–204). In the reign of Ptolemy v Epiphanes (204–180), Ptolemaic naval dominance collapsed when Seleukid armies overwhelmed the coastal cities of Asia Minor and the Levant between 202 and 195 BCE. The Ptolemies survived this crisis partly because of a timely Roman intervention in the Aegean, but their empire was now limited to Cyrenaica, Egypt and Cyprus. A generation later, the Seleukids attacked also the remaining territories in Egypt and Cyprus, and again Roman intervention saved the Ptolemaic dynasty. However, when the Seleukid Empire itself started to fall apart after ca. 150, the Ptolemies immediately attempted to reclaim their place as a great power (though now in a world increasingly dominated by two new imperial powers: the Romans and the Parthians).

#### The Origins of Ptolemaic Manpower

The Ptolemaic polity in the third century was not a territorially defined state because the dynasty, and not territory, was central to its functioning and ideology. The dynasty sat on top of aspects of Egyptian society, and many other societies as well. If we define the Ptolemaic polity not as a territorial state but as an organization aiming at creating routine access to resources, then Egypt

There was exploitation, to be sure, but the exploited and exploiting were not neatly divided into two ethnic groups.

<sup>22</sup> See the Introduction to this volume.

certainly was not the only province of importance. Egypt's high agricultural production of course was proverbial, and fundamental to Ptolemaic rule was also the distribution of Egyptian farmland among the followers of the dynasty in order to secure their loyalty.<sup>23</sup> But the Nile Valley was not a source of metals, nor of gold and silver, nor timber for ship building. All that had to be obtained elsewhere: in Nubia, the Red Sea region, Libya, and the Levant—not for the benefit of Egypt, but for the benefit of the dynasty and its entourage. For while it is undeniable that Egypt lacks metals, wood, and other raw materials, and it is very likely that the Ptolemies therefore obtained these elsewhere, there exists to my knowledge no evidence for the common assumption that the Ptolemies systematically brought such goods in large quantities into Egypt proper. As a source of military manpower, Egypt was important (and probably well before the Battle of Raphia in 217). But other regions were important too. While troops were also raised in Libya and the southern Levant, in the third century the Ptolemies' principal source for personnel of all sorts was the Aegean.

Under the Ptolemies, Egypt became a locus for pan-Mediterranean migration. Volume x of the *Prosopographia Ptolemaica*, concerned with foreign ethnonyms in Egypt, reveals a bewildering array of ethnicities and places of origin that defies modern ideas about ancient state boundaries (and modern ideas about ethnicity as well). <sup>24</sup> Most strongly represented among the attested migrant peoples are individuals self-identifying as Macedonian (Μακεδών/ Μακέτα) or "of Macedonian descent" (Μακεδών τῆς ἐπιγονῆς); as Thracian (Θρᾶιξ and Θρᾶιξ τῆς ἐπιγονῆς); Greek (Ἑλλην, Hellēn); <sup>25</sup> Cretan, <sup>26</sup> Cyrenian; <sup>27</sup> Arab and Judean. <sup>28</sup> The precise meaning of these ethnics is not always clear; Hellēn for instance is used primarily as a fiscal category in administrative texts and does not necessarily refer to actual migrants from the Aegean. <sup>29</sup> We are on firmer ground, however, with those residents in Egypt who identified themselves by their cities of origin: the majority of these associated themselves with

The Macedonians and Greeks who were given allotments of land in Egypt often did not work these lands themselves, and the actual farmers remained predominantly Egyptians (Bingen 2007, 104–121; on land tenure in Ptolemaic Egypt in general consult Manning 2003).

La'da 2002; on the place of minorities in Egyptian societies, see Thompson 2011.

Also as Demotic *Wynn.w/Ḥȝw-nbw.t*, and the interesting variant "Hellenomemphite" (La'da 2002, 48–70); on Greek settlers in Egypt, see Bingen 2007, 94–103.

<sup>26</sup> Κρής; Κρήςςα; Κρητικός and Κρής τῆς ἐπιγονῆς.

<sup>27</sup> Κυρηναΐος, Κυρηναία; and Dem. Grnys.

<sup>28</sup> La'da 2002, ad loc.

<sup>29</sup> Clarysse 1985; cf. Clarysse and Thompson 2006 (I am grateful to Christelle Fischer-Bovet for these references).

cities in the Aegean region, particularly (and perhaps surprisingly) mainland Greece. The city that is mentioned most often in the papyri, is Athens, followed by Miletos and Kos. Octies in the Levant, Sicily, Italy, and the Black Sea region are also well represented. Among the migrant populations of Egypt we furthermore find representatives of most of the peoples of Asia Minor and the Balkans, as well as peoples from African countries south of Egypt, to wit Nubia, Kush, Blemmye, and Ethiopia.

The relative abundance of evidence from Egypt—most of all papyri—should not lead to the conclusion that Egypt was the sole target of migratory movements. Apart from Alexandria, the country may not even have been the principal recipient of migrants in the third century. There was only one major city foundation in Egypt proper, Ptolemais in the Thebaid, which had a more or less Greek identity (in contrast to nearby Thebes). By contrast, numerous settlements were established by the Ptolemies and their agents in southern Asia Minor, on Cyprus, and on the Red Sea coast;<sup>32</sup> and military garrisons were installed in existing cities particularly in Asia Minor and on the Aegean islands.

Similarly, the Ptolemaic army was not a national, but a multi-ethnic, imperial one.<sup>33</sup> The majority of the infantry of the line, the phalanx, in the campaigning armies that were sent to Palestine to fight the Seleukids, seems to have been recruited among "native" Egyptians and Greco-Macedonian settlers in Egypt, perhaps with the addition of Aegean "mercenaries". But often units were identified by other ethnic denominators, in particular cavalry hipparchies. In the third century, soldiers stationed in Egypt could be identified as Macedonians, Greeks, Thessalians, Arabs, Judeans, Thracians, Cretans, Galatians, Libyans and Mysians.<sup>34</sup> However, ethnic units were never ethnically "pure", as they were

<sup>30</sup> La'da 2002 *ad loc.*; cf. Table 7.1 in Stefanou 2013.

<sup>31</sup> La'da 2002, 11, 297, and 307-311.

<sup>32</sup> Mueller 2006; cf. Cohen 1995 and 2006.

For the Battle of Raphia—a massive confrontation between Ptolemaic and Seleukid armies, fought in southern Palestine in 217—Polybios (5.80.3-13) lists as part of the Ptolemaic field army 25,000 Macedonians, more than 20,000 Egyptians, 3,000 Libyans, 6,000 Thracians and Galatians, 3.000 Cretans and 10,000 mercenary troops freshly recruited in the Aegean, plus more than 3,000 regulars serving in various royal guard units. On the Ptolemaic army, see recently Scheuble-Reiter 2012; Fischer-Bovet 2014; Véïsse and Wackenier 2014.

Fischer-Bovet 2014, 191–195 with tables 5.3 and 5.4 on p. 178–183. A special category were the *Makedones* and *Persai*: although perhaps originally real ethnic indicators—the latter are often attested as *Persēs tēs epigonēs* ("of Persian descent")—these terms in the second century came to designate entirely non-ethnic privileged tax classes connected to military service (Fischer-Bovet 2014, 178–191).

open to members of other groups.<sup>35</sup> But neither can it be assumed that these ethnics denoted no more than a specific type of armament or tactics: service in the military was a major incentive for migration movements across the entire eastern Mediterranean, and such units were likely composed for a large part of (descendants of) migrants.<sup>36</sup> But the ethnics attested on the papyri concern only troops stationed in Egypt; far less is known about the ethnic compositions of Ptolemaic garrisons and governor's armies in the Levant and Asia Minor.

The royal court and the higher levels of the naval and military administration were filled mainly from cities and tribes in the Aegean region.<sup>37</sup> These people often identified as "Greek". In the Hellenistic period, Greekness became in certain contexts a non-ethnic, supra-local identity that could also to some extent be adopted by non-Greek elite persons beyond the Aegean, e.g. Judeans or, in the Seleukid Empire, Babylonians.<sup>38</sup> Greek identity in the Hellenistic world thus often denoted an association with empire and court. This imperial "Hellenism", in its various local forms, connected culturally and linguistically diverse elites horizontally while at the same time distancing them vertically from their local rivals and inferiors. The royal court at Alexandria, through the patronage of art and literature, was instrumental in the creation of this cosmopolitan culture that was neither Greek nor Egyptian but "Ptolemaic".<sup>39</sup>

## A Seaborne Network Empire

The Ptolemaic empire was basically a dynamic and varied patchwork of friends, allied cities, friendly kings, fortified strongholds held by garrisons, and more. Sometimes larger regions were more or less brought under direct military control, for instance Cyprus, Palestine, Lykia and Karia. But even in the

Clarysse and Fischer-Bovet 2012, 27–28; cf. Stefanou 2013, 131. Comparison with the Seleukid practice of ethnic regiments suggests that what most of all created *esprit de corps* was a shared commitment to a specific deity and cult associated with the specific ethnic identity (Houle 2015).

<sup>36</sup> Stefanou 2013.

O'Neil 2006; Strootman 2007, 124–129. Although the Ptolemies co-opted Egyptian elites to access local resources, native Egyptians only rarely entered the higher echelons of the court and the army (Rowlandson 2008; Moyer 2011b; Strootman 2017b).

<sup>38</sup> Strootman 2007, 21–22, 214–216, 354–356, and 2010b; cf. *id.* 2014d, 9–11, 163–164; accepted by Bang 2012, and followed by Haubold 2016. Also see Fischer-Bovet 2016, emphasizing not the "Greekness" of translocal elite culture, but participation in rituals connected to the monarchy (cf. above, n. 20).

<sup>39</sup> On the creation and emanation of imperial culture at the Ptolemaic court, see now Strootman 2017a.

core province of Egypt, such control was always for a large part indirect, based on self-government left to indigenous elites in return for revenue and support. The empire was created more through the agency of individuals than by means of formalized institutions. Cohesion to some extent was achieved by the empire-wide promotion of dynastic cult and by the consistent use of dynastic and religious symbols on imperial coinages.

Katja Mueller in her important study of Ptolemaic settlements described the empire as "a conglomerate of regions".<sup>42</sup> Hierarchized groupings of settlements of varying sizes interacted to form more or less coherent regions.<sup>43</sup> These multiple Ptolemaic spheres of influence were tied together through a closely guarded web of sea routes. It could be maintained that the Ptolemies needed a strong fleet to guard the many cities under their protection. But this would make the Ptolemies look more peaceful than they actually were. Considering their preference for bringing harbor cities into their orbit, it likely was the other way around. The creation and consolidation of a high-density maritime infrastructure was vital for the expansionist Ptolemaic imperial project.<sup>44</sup> Control of harbors was required for acquiring the naval strength needed to claim imperial supremacy in the eastern Mediterranean. Getzel Cohen rightly noted that,

If we can say [...] that the Seleucids built many of their colonies to reinforce their major roadways, then we can point out that the Ptolemies founded or refounded a large number of harbor towns to serve the needs of their fleet and to secure coastal communications.<sup>45</sup>

Based on a detailed inventory cited by Athenaios, it is generally accepted that the main war fleet of Ptolemy II was considerable, comprising about 250 standard oared attack ships (penteres, triremes and smaller ships) and about 100 heavier vessels, including a number of those legendary Hellenistic "super galleys" ("twenties" and "thirties" for instance). 46 Athenaios furthermore claims

<sup>40</sup> Clarysse 1999; Huß 1999; Gorre 2009; Pfeiffer 2010; Weber 2012.

<sup>41</sup> Strootman 2007; 2014d.

<sup>42</sup> Mueller 2006, 83.

<sup>43</sup> Ibid. 41-55.

The term "high-density maritime infrastructure" was borrowed from Arnaud 2014, 161–162.

<sup>45</sup> Cohen 1983, 63.

<sup>46</sup> Ath. 5.303d (5.36.11-21); cf. Murray 2012, 188-191. With reference to a personal communication of John Grainger, Murray (p. 188 n. 51) adds that Athenaios' 17 penteres ("fives", perhaps better known by their Latin name as *quinquiremes*; I included them in the total of ca. 250 "standard" galleys) should be higher because this type of ship had

that at least another 4,000 ships were scattered over naval bases throughout the eastern Mediterranean. The latter figure seems rather high but may include transport ships or merchant vessels (but even then, the number is rather high). There also was without doubt a war fleet in the Red Sea but nothing is known about its strength. All this means that in the third century, maintaining a fleet of warships was one of the main expenses of the imperial household, and that the Ptolemaic polity was in fact far more militarized than is commonly assumed.<sup>47</sup>

The idea, put forward most influentially by Lionel Casson,<sup>48</sup> that in the Ancient Mediterranean seafaring was not possible during the Winter season (mid-November to early March), and considerably reduced in the Fall and Spring, is no longer tenable. The seas of the Mediterranean, though certainly dangerous, offered relatively good opportunities for communication and exchange the year round.<sup>49</sup> As Pascal Arnaud pointed out, ancient seafaring was not just coastal, or "tramping"; ships regularly crossed the open sea.<sup>50</sup> Most of all, sea travel was a *fast* way to travel. The Ptolemies' preoccupation with maritime networks is apparent from their encouragement of the study of world geography at the Mouseion of Alexandria, and the exploration of sea routes in the Indian Ocean.<sup>51</sup>

There were roughly three ways in which the Ptolemies tried to bring sea routes under their control: (1) by negotiating alliances with coastal cities; (2) by taking coastal cities by force; and (3) through the establishment of settlements in coastal regions and the construction of new harbors. The *philoi* (royal "friends", courtiers) in charge of these foundations seem to have acted

become the standard "workhorse" of the major fleets of that time, perhaps approximately 300. The term "super galley" was coined by Casson 1969. On Ptolemaic naval strength in the third century, see also Erskine 2013, 83 with further bibliography in nn. 4–6. For the Egyptian contribution to the Ptolemaic fleet see Van 't Dack and Hauben 1978.

On the costs of the fleet, see below. As Christelle Fischer-Bovet ponted out to me, it is in fact difficult—if not impossible—to distinguish between land and naval forces as separate organizational units in any of the Helenistic empires.

<sup>48</sup> E.g. Casson 1971.

<sup>49</sup> Morton 2001; Arnaud 2005; Beresford 2013.

<sup>50</sup> Arnaud 2011.

Habicht 2013. In the first half of the third century, the Ptolemaic admiral Timosthenes of Rhodes circumnavigated the Mediterranean and put his findings in a work of ten books entitled *On Harbors*; see Prontera 2013, 208, also showing how the geographic and cartographic studies of "court scholars" such as Eratosthenes closely reflected Ptolemaic geopolitical interests (but see now also Rathmann 2016, showing that for ancient geographers the Mediterranean was not a specific field of interest; instead, they aimed at describing the world in its entirety).

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as private entrepreneurs empowered by the dynasty rather than as officials carrying out orders, and there probably were significant benefits for them in organizing colonization. $^{52}$ 

In her study of Ptolemaic expansion in the time of Ptolemy III, Brigitte Beyer-Rotthoff identifies around forty autonomous Mediterranean ports that served as bases for the Ptolemaic fleet. Most of these were located in the Levant and the Aegean. There were for instance Ptolemaic garrisons for longer or shorter periods of time at strategic locations such as Gaza, Sidon, Tyre, Thera, Halikarnassos, Xanthos, and Methana. In addition to these, the Ptolemies and their agents created new settlements along the southern coast of Asia Minor to consolidate their control of the sea route between Cyprus and Rhodes. Literary sources have recorded 28 settlements with the Ptolemaic dynastic names Arsinoe, Berenike, Philadelphia, and Ptolemais. All in all, the Ptolemies in the third century controlled a total of ca. 75 harbors throughout the eastern Mediterranean, about 30 of which were garrisoned. This widespread distribution of naval stations covered an enormous area, stretching from Berenike in present-day Libya to Maroneia near the Hellespont and another Berenike near the mouth of the Red Sea.

The central hub in this imperial network was the port city Alexandria, with its two large harbors, a commercial and a military one. The Ancient qualification of this city as Alexandria-by-Egypt (not *in* Egypt) is apt.<sup>56</sup> The principal dynastic and religious center of Ptolemaic Egypt was Memphis.<sup>57</sup> Ancient writers report that under favorable weather conditions it could be a mere 4.5 days

See e.g. below, n. 97. Another, notorious, form of imperial entrepreneurship, tax farming, was widespread, too: cf. e.g. *P.Cair. Zen.* I 59037 (Karia, 258/7 BCE); *P.Hib.* I 66 (Egypt, 228 BCE); *P.Tebt.* I 40 (Egypt, 117 BCE); and the illuminating account given by Josephus of the mafia practices of a tax farmer in Idumea (*AJ* 12.167–185, cf. Zayadine 2005; Pfeiffer 2010; the episode is very difficult to date, see e.g. Schwartz 1998). On private entrepreneurs as agents of empire, see also Van den Eijnde and Antunes in this volume.

<sup>53</sup> Beyer-Rotthoff 1993, 214–222; for a short overview see Peremans and Van 't Dack 1956, 14–16, and comprehensibly Bagnall 1976.

<sup>54</sup> Winter 2011.

Listed in Table 6.3 in Murray 2012, 195–196, based on data provided by Bagnall 1976 and Grainger 2010; the list omits inland communities and harbors created or dominated in East Africa. There is now new evidence for a Ptolemaic garrison at Xanthos (Baker and Thériault 2013; cf. Cavaliers and Des Courtils 2013).

<sup>56</sup> Gr. ἀλεξάνδρεια ἡ πρὸς ἀιγύπτῳ; Lat. Alexandreia ad Aegyptum. The designation "Alexandria in Egypt" encountered less frequently in Greek and Latin texts of the Roman period (instances gathered and discussed in Bell 1946) may be associated with the fact that Alexandria became the administrative center of the Roman province of Egypt (for Rome by that time had taken over Alexandria's status as capital of the world).

<sup>57</sup> Thompson 1988.

sailing from Alexandria to Ephesos, and less than 4 days to Rhodes; even with unfavorable winds, the journey from Alexandria to Cyprus along the Levantine coast could be made within 7 days.<sup>58</sup> These travel times probably were recorded because they were records of sorts; but the probable *average* speed, as estimated by Casson on the basis of these and other sources, still suggest that in terms of travel time Asia Minor was closer to Alexandria than Upper Egypt (ca. 7 days to Cyprus; 7–10 days to Rhodes).<sup>59</sup> To rephrase that slightly more rhetorically: from Alexandria, Thebes in Greece could easier be reached than Thebes in Egypt.<sup>60</sup>

Alexandria has been deemed a purely "Greek" city in the past. This image emerges notably from P. M. Fraser's monumental three-volume *Ptolemaic Alexandria*.<sup>61</sup> But at least since the turn of the millennium, it has also become a commonplace to present Alexandria as an "Egyptian" city,<sup>62</sup> or at least as a city that is culturally located "between Greece and Egypt".<sup>63</sup> Such views do no justice to the cultural and ethnic complexities of imperial Alexandria. The Ptolemies themselves consciously shaped the city through monuments, institutions and public rituals as the symbolic center of the earth—a cosmopolis where

Ach. Tat., 5.15.1, 17.1; Diod. 3.33. Luc., Nav. 7. Rhodes was the Ptolemies' gateway to Asia Minor and the Aegean. Rather than following the coast, ships sailing between Alexandria and Rhodes took a direct route straight across the open sea—a voyage of 7 to 10 days on average and one of the "golden sea routes of the Mediterranean" (Casson 1971, 287; cf. Gabrielsen 2013, 69–70; for the travel time, see above). As Gabrielsen reminds us, emblematic of the nearness of Rhodes to Alexandria "is perhaps the fact that the small island right before the entrance to Alexandria's artificial harbour carried the name of Antirrhodos" (Gabrielsen 2013, 69; the name is attested in Strabo 17.1.9). The Ptolemies also controlled a number of harbors on Crete (Bagnall 1976, 117–123).

Casson 1951, 145; the average speed of seagoing vessels in Antiquity, as calculated by Casson, was 75–100 nautical miles per day (ca. 140–185 km).

The distance between Alexandria and Egyptian Thebes (= Waset, now Luxor) is around 530 miles (ca. 850 km) following the Nile, that is, a foot journey of approximately 30 days (Google Maps gives a total of ca. 175 walking hours for this route). The journey could also be made by river boat; a quick round of traveler's blogs on the Internet learned me that sailing the Nile *downstream* on a felucca from Thebes to Memphis (still some 140 miles away from Alexandria) would take approximately two weeks during inundation season when the water level is highest but longer in the dryer seasons.

<sup>61</sup> Fraser 1972.

<sup>62</sup> E.g. Pfrommer 1999 locates Alexandria "im Schatten der Pyramiden" ("in the Shadow of the Pyramids") and shows on its cover an image, not of Alexandria, but of the Pyramids of Giza, ca. 125 miles away (the content of the book is more nuanced). Bowman's characterization of Alexandria as "Queen of the Mediterranean" probably would have pleased the Ptolemies (1996, 203).

<sup>63</sup> Harris and Ruffini 2004.

the world converged.<sup>64</sup> Centuries later, Dio Chrysostom (32.36) still echoed Ptolemaic propaganda when he wrote that Alexandria "is situated, as it were, at the uniting center of the whole earth, of even its most far away nations, as if the whole city is an *agora*, bringing together all men into one place, displaying them to one another and, as far as possible, making them one people."

#### From the Red Sea to the Black Sea: the Empire in Its Heyday

In a much-debated passage, the Greek historian Polybios (second century BCE) outlined the Ptolemaic Empire at its greatest extent under Ptolemy III:

[The Ptolemies], far from taking little interest in foreign affairs, had generally given them precedence over those of Egypt itself. For being masters of Koile Syria and Cyprus, they were a constant threat to the kings of Syria (*sc.* the Seleukids), both by land and sea; and they were also in a commanding position regarding the princes of Asia [Minor], as well as the islands, through their possession of the most splendid cities, strongholds, and harbors all along the seacoast from Pamphylia to the Hellespont and the district round Lysimacheia. Moreover they were favorably placed for an attack upon Thrace and Macedonia from their possession of Ainos, Maroneia, and more distant cities still.<sup>65</sup>

This passage is sometimes quoted in support of a formal disconnection of "Egypt" from its "overseas possessions". But Polybios' claim that the dynasty neglected the latter after the death of Ptolemy III in 222 is a false one. <sup>66</sup> Polybios, whose Mediterranean bias also gave rise to his distorted image of the Seleukids as "kings of Syria", <sup>67</sup> notoriously omits not only Cyrenaica (the coast of present-day Libya) but moreover fails to mention Ptolemaic activities in the Red Sea and towards the Horn of Africa. On the other hand, Polybios' statement that the Ptolemies dominated the coasts from Pamphylia to the Hellespont is corroborated by epigraphic evidence attesting Ptolemaic military presence in Pamphylia, Pisidia, Lykia, and Karia. <sup>68</sup> The best way to see this passage then, is

<sup>64</sup> Buraselis 1993, 259; Strootman 2007, 213–214; 2011b.

Polyb. 5.34.2–9 (Loeb translation with minor adjustments). On this passage, see e.g. Peremans and Van 't Dack 1956; Marquaille 2008, 40–41; Erskine 2013.

<sup>66</sup> Erskine 2013.

<sup>67</sup> Strootman 2019a.

<sup>68</sup> Bagnall 1976, 80–116. The evidence for Ptolemaic rule in Pamphylia was recently reevaluated by Meadows and Thonemann 2013, 223. On the basis of two inscriptions,

as a description of Ptolemaic imperialism in specifically the Aegean, the region that Polybios was interested in most of all.

With his incomplete list of subject lands, Polybios selectively reflects Ptolemaic self-presentation. In the seventeenth *Idyll* of the court poet Theokritos—an encomium to Ptolemy II, in which the king is described as a heroic warrior who creates universal peace and prosperity through his victories with divine support—the Mediterranean empire is described:

He has taken a share of Phoenicia, Arabia,
Of Syria, Libya and the dark Ethiopians;
he has the command of the whole of Pamphylia,
of Kilikia, Lykia, and Karia's troops;
he even has charge of the isles of the Cyclades,
thanks to his navy's control of the sea.
The entire ocean and all the land with its rushing rivers
all bow to King Ptolemy's supreme rule.
Great armies of horsemen are clustered around him,
great hosts of foot-soldiers in burnished bronze arms.<sup>69</sup>

The Aegean was vitally important to the imperial endeavors of successive Ptolemaic rulers. This was the region were during the third century the Ptolemies likely threw most of their military and financial resources at. But they were not the only ones: the Seleukids and Antigonids were active in this region as well. We will return to the contested Aegean and overlapping imperial networks in the next section, after a brief overview of the extent of the Ptolemaic thalassocracy (Figure, 5.1).

Let us begin with the westernmost part of the empire: Cyrenaica, a cluster of cities on the coast of present-day Libya.<sup>70</sup> The area was controlled for some time by a vassal king, Magas, a rather unruly chap who came under Seleukid

one from Xanthos and one from Alexandria (TAM II 263 = OGIS 91 and I.Alex.Ptol. 27 = OGIS 99), Bagnall 1976, 110, plausibly argues that after the conquests of Antiochos III in western Asia Minor in 197, Lykian communities retained links with the court at Alexandria; cf. Lanciers 2017, who is doubtful that these documents proof the existence of diplomatic ties.

Theokritos, *Idyll* 17.95–104 (transl. Hunter); on this poem, see Hunter 2003; Heerink 2010; Strootman 2017a, 123–125. A now lost victory inscription from Adulis on the Red Sea lists lands under the suzerainty of Ptolemy III: Egypt, Libya, Syria, Phoenicia, Cyprus, Lykia, Karia, the Cyclades, Kilikia, Pamphylia, Ionia, the Hellespont, and Thrace (*OGIS* 54; cf. Fauvelle-Aymard 2009).

<sup>70</sup> Bagnall 1976, 25-37.

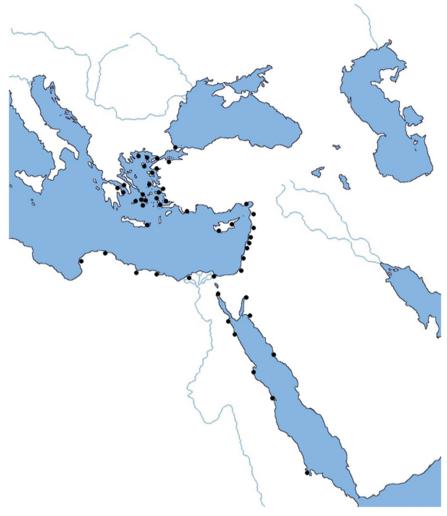


FIGURE 5.1 The Ptolemaic World

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influence and turned against his half-brother Ptolemy  $^{11.71}$  But the area was soon pacified and a Lybiarch, or military governor of Libya, is attested for the year  $^{20}3.^{72}$  In the Western Desert, the Ptolemies brought under their control

<sup>71</sup> Hölbl 2001, 38–40. On the dynastic intricacies of this conflict see van Oppen 2015a; McAuley 2016.

Marquaille 2008, 44. This is corroborated by epigraphic evidence from Libya for the presence of a *stratēgos*, Philon, between 185 and 180 (*SEG* IX 55).

five major oases (Siwa, Bahariya, Farafra, Dakhleh and Kharga) and thereby controlled the Saharan trade networks running through them.<sup>73</sup> With the acquisition of Cyrenaica and the Western Desert the early Ptolemies expanded the area of Macedonian domination beyond the original conquests of Alexander the Great.

The same can be said about the region to the south of Egypt. It was most of all Stanley Burstein who insisted that the Middle Nile Region in modern Sudan (Ancient Nubia and Meroë) should be treated as part of the "globalizing" Hellenistic World. The region held much of strategic and economic interest for the Ptolemies. Items to be traded or captured there included gold, ivory, elephants, and slaves. Ptolemy I may have campaigned south of the First Cataract (Aswan) when he was still satrap of Egypt. Under his son, Ptolemy II, a more concerted effort was made to expand into the region of Lower Nubia. The region was lost again during the so-called Great Revolt in the Thebaid (206/5-186), but in the reigns of Ptolemy VI and VIII (180–145 and 154–116), Lower Nubia was again firmly in Ptolemaic hands; Kleopatra VII (51–30) still claimed suzerainty over Nubia and the entire Red Sea.

The northern Red Sea coasts were incorporated by diplomatic and military means,<sup>80</sup> and by the establishment of harbors.<sup>81</sup> The best known and perhaps most important settlement was Berenike.<sup>82</sup> Farther to the south,

<sup>73</sup> Gill 2016.

P44 Burstein 1993; 2008. For the region's history, see Török 1997; for artistic developments resulting from interactions with the Ptolemaic, and later Roman north Török 2011. Fundamental for the sources on Ptolemaic relations with the south is still Préaux 1952.

<sup>75</sup> Burstein 2014 and 2015; Manning 2011, 310, is more cautious. On the Ptolemies' southern frontier Locher 1999.

<sup>76</sup> Hölbl 2001, 55–58; cf. Manning 2011, 310–311, pointing out that Ptolemy II's major campaign of ca. 175/4 "established a 'small world' network that re-linked what we might call the Egypto-Nubian "interaction sphere" via new Ptolemaic nodes" (p. 310; for the date Török 1997, 395 n. 284).

<sup>77</sup> Hölbl 2001, 153–159; on this and other indigenous revolts against the Ptolemies, see Véïsse 2004.

<sup>78</sup> Mueller 2006, 162.

As may be surmised from the list of languages allegedly spoken by the queen at ceremonial occasions (Plut., *Ant.* 27.3–4; for the ideological implications, see Strootman 2010a).

<sup>80</sup> Including actions against Nabataean "pirates" who likewise sought to control Red Sea trade routes (Durand 2012).

<sup>81</sup> Sidebotham 2012, 1042. Cohen 2006, 305–343, identifies 17 Ptolemaic settlements in the Red Sea basin.

<sup>82</sup> Sidebotham 2011.

contacts were established with the kingdoms of southwest Arabia and the Horn of Africa, regions notable for the production of expensive aromatics.<sup>83</sup> Captains working under Ptolemaic flag explored sea routes to India and Ceylon, and loose diplomatic contacts were established with local princes on the west coast of the Indian subcontinent.84 Several written sources claim there was a Ptolemaic settlement on the island Socotra (Dioskorides) in the Indian Ocean, 85 and the at least Ptolemy II Philadelphos maintained diplomatic contacts with Maurya India. 86 To be sure, the Indian Ocean trade system of the Hellenistic period—now often seen as an early form of globalization was not created by the Ptolemies; it predated them and was run by local merchants. 87 But agents of the Ptolemies did try to tap into this rapidly expanding system of interaction, and tried to monopolize the spice trade to Egypt and the Mediterranean.<sup>88</sup> In doing so, they encouraged the further development of connectivity in this region. This likely incited clashes with the Seleukids, whose political and commercial interests extended through the Persian Gulf to southern Arabia as well.89

One of the aims of Ptolemaic seaborne activities to the Horn of Africa was obtaining war elephants to fight the Seleukids in Syria and Palestine.<sup>90</sup> This was facilitated by the foundation of stations, sometimes fortified, on the coast of present-day Sudan and Eritrea by imperial officials or freelance entrepreneurs.<sup>91</sup> Colonizing activities have been recorded by Strabo for the reigns of Ptolemy II, III, and IV.<sup>92</sup> The elephant hunting expeditions for obvious reasons

<sup>83</sup> Kitchen 2001; on the so-called spice routes in Antiquity, see Keay 2006.

<sup>84</sup> Sidebotham 2012, 1042–1043; Habicht 2013.

<sup>85</sup> Cohen 2006, 325-326.

<sup>86</sup> Rock Edicts of Aśoka 13.27; Solinus 52.3 records the name (Dionysios) of Philadelphos' representative in India.

<sup>87</sup> Seland 2016.

<sup>88</sup> P.Tebt. I 35 267. On the overland route to Egypt and the Mediterranean, see Catanzeriti 2008.

<sup>89</sup> Salles 2005.

<sup>90</sup> Scullard 1974, 126–133; Burstein 2008. This, by the way, is an interesting example of the processes of proto-globalization associated with the Hellenistic period, for the Seleukids on their part brought elephants from India to the Mediterranean to fight the Ptolemies.

<sup>91</sup> Strabo 16.4.5. For the settlements and their connection to the elephant hunt, see Mueller 2006, 151–157. Few of these settlements has been excavated or even precisely located (Sidebotham 2012, 1042; for a comprehensive discussion of the written sources consult Cohen 2006, 305–343). The expeditions likely involved the participation of local elephant hunters (Manning 2011, 310–311).

<sup>92</sup> Strabo 16.4.7–15, corroborated by contemporaneous papyri and inscriptions; see the useful overview in Mueller 2006, 154–155 (Table 4.1).

have attracted much scholarly interest. But as Mueller reminds us, the ca. twenty larger and smaller settlements (including small sanctuaries) cannot have been merely by-products of elephant hunting. They were instruments of imperial expansion. Colonization of the southern coasts meant also the establishment or appropriation of a network of inland roads connecting these coastal ports with the Nile. Though often understood as commercial roads, the costs involved in maintaining and protecting the desert routes must have been very high. Though of the desert routes must have

Moving north to the Levant, the first Ptolemaic stronghold we encounter is the fortified border town of Gaza in southern Palestine. The many ports along the coast of Palestine, Phoenicia and Kilikia, wrested from the Antigonids and later the Seleukids, were important bases for the fleet, as well as centers for the construction of ships. Fe The importance of these coastal regions—which the Ptolemies and Seleukids frequently fought over—is revealed by the presence of military governors with substantial armed forces at their disposal. The Levantine region was divided into several military districts. Constantly threatened by the Seleukids, Ptolemaic hegemony in the southern Levant extended for strategic reasons to the inland as well, to Idumea, Judea and Transjordan.

The center of this part of the empire surely was Cyprus. The island had been a crossroads of sea routes since time immemorial,<sup>99</sup> and it was of huge

<sup>93</sup> Mueller 2006, 151. The complex motivations, and development through time, of the Ptolemaic colonization of the south is still poorly understood and warrants more research (and, I would suggest, the notions of private entrepreneurship and local participation could be helpful to look at the sources afresh).

<sup>94</sup> Gates-Foster 2006.

<sup>95</sup> Henning 2003.

<sup>96</sup> For the incorporation of the Phoenician cities into the Ptolemaic imperial system, see now Aliquot and Bonnet 2015. Grainger 1991 gives an overview of the cities and their historical evolution in Hellenistic times. The sources are discussed in Bagnall 1976, 11–24. The bibliography on Ptolemaic rule in Palestine, Judea and the Transjordan region is vast; see recently e.g. Gera 1997; Grabbe 2011; Pfeiffer 2011; Gorre and Honigman 2013.

<sup>97</sup> For the Ptolemaic organization of Syria and Phoenicia, see Bagnall 1976, 11–24. A governor (*stratēgos*) of Kilikia, Thraseas, is attested in a decree of Arsinoe-in-Kilikia honoring his father, the *stratēgos* Aëtos of Aspendos, who had founded the settlement between 278 and 253 (*SEG* XXXIX 1426; Habicht and Jones 1989); cf. Bagnall 1976, 114–116. The same Thraseas became governor of Syria and Phoenicia sometime after 217 (*SEG* XXXIX 1596b), later to be succeeded by his own son, Ptolemaios. On this dynasty of *philoi*, see Gera 1997, 28–34.

<sup>98</sup> Bringmann 2005, 76–77.

<sup>99</sup> See Michaelides, Kassianidou, Merillees 2009, tracing the exchanges between Cyprus and Egypt from the Third Millennium BCE to Late Antiquity.

geostrategic significance for the empire since the Ptolemaic conquest in 313. 100 This is apparent from the high rank of the Ptolemaic courtiers who were active on the island after 217, when the first strategos of Cyprus, Pelops son of Pelops, appears in our sources.<sup>101</sup> Before that time, the Ptolemies exerted authority indirectly through local client rulers, 102 some of whom may have been bound to the imperial house by kinship ties. 103 On Cyprus, no less than in Egypt, the Ptolemies conducted an active "religious policy", introducing dynastic cults and promoting the association of local deities with imperial ones, especially the threefold syncretism of Aphrodite, Isis and Ptolemaic queens. 104 Ptolemy II regularly visited the island together with his entourage of philoi, and later rulers are also known to have stayed there. Cyprus was a base for the fleet, and Marquaille may be right in boldly stating that he island was "a royal domain [...] on a scale similar to Egypt."<sup>105</sup>

#### The Contested Aegean

It has in the past been assumed that the Hellenistic world saw a consciously maintained "balance of power" between three "kingdoms" that in modern scholarship are often made to resemble European states. The creation of this

The island was lost to the Antigonids in 306 but reincorporated into the Ptolemaic Empire 100 in 295/4. On the Ptolemaic administration and military Bagnall 1976, 38–79.

<sup>101</sup> Bagnall 1976, 252-253. Kallikles, son of Kallikles of Alexandria, was ἀρχισωματοφύλαξ ("archbodyguard", i.e. a person close to the king) and Secretary of the Household Cavalry; he is honored with a statue by the politai of Kourion (SEG LVIII 1744, ll. 1-3; 163-154 BCE) but may have acted on behalf of that polis at court in Alexandria. Certainly present on the island was Theodoros, commander in chief of the Ptolemaic forces on Cyprus, who was "archpriest of the island" (ἀ[ρχι]ερέως τῶν κατὰ τὴν νῆσον; i.e. overseer of the royal cults) and bore the title of Kinsman of the King (συνγενοῦς το[ῦ β]ασιλέως) (OGIS 155, ll. 2-5; 140-131 BCE); one of his predecessors as governor, Seleukos son of Bithys, also was a Relative of the King and like Theodoros "general and admiral" as well as "archpriest of the island" (I.Kourion 45, ll. 1-3; 142-131 BCE; I owe these references to Benjamin Wieland). For a complete overview of governors of Cyprus from 217 to 40, see Bagnall 1976, 252-262.

On the persistence of city kingship on Cyprus in the third century, see Fourrier 2015. 102

This at least was the case with the royal house of Soli; see van Oppen 2015b. 103

Papantoniou 2009; cf. id. 2012 (n.v.), and Fulińska 2012. Also see Dumke and Pfeijffer 104 2014, discussing how the religious center of Ptolemaic Cyprus, the sanctuary of Aphrodite at Palaiopaphos, served as contact zone between members of the imperial court and representatives of local elites; cf Barbantani 2005 on the assimilation of Arsinoe II and Aphrodite on Cyprus. On the assimilation of Aphrodite, Isis, and the Queen see above, n. 3.

Marquaille 2008, 45. 105

type of state is usually ascribed to Ptolemy I Soter. The founder of the Ptolemaic Dynasty, it was said, had been a separatist since the death of Alexander in 323 and had made Egypt into a bounded, well-defensible kingdom based on ancient pharaonic traditions. The eminent British historian William Tarn famously said of Ptolemy I that "alone of the kings of his time he was no warrior". This view is no longer acceptable. The historian Appian, a first-century CE native of Alexandria, called Ptolemy "the most formidable of the [Macedonian] rulers" after Alexander, praising his "preparedness for war [...] and the magnificence of his undertakings". This included campaigns in Syria and an extensive naval campaign in the Aegean. To Ptolemy often personally commanded his fleet during naval engagements.

An unwarlike Ptolemy would in any case be quite exceptional among the first Hellenistic kings. He would not have survived long. The Hellenistic Age was a particularly tumultuous and violent period, at least as far as the Mediterranean is concerned. The preceding Achaemenid period (ca. 550–330) had been relatively peaceful because political hegemony in this period was claimed by a single "hyperpower", the Persian Empire of the Achaemenid Dynasty, whose political and military supremacy was never seriously challenged until the invasion of Alexander the Great. The Hellenistic world by contrast was characterized by continuous, tremendously violent conflicts between several competing superpowers. Using Realist international-relations theory, Arthur Eckstein has analyzed the "Hellenistic world of war" as a multipolar interstate anarchy. But there was a hierarchy. After the seemingly unbridled warfare among Alexander's Successors, the core conflict of the Hellenistic world consistently was the antagonism between the Ptolemies and the Seleukids. Between 274 and 168, the two imperial powers confronted each other

<sup>106</sup> For bibliography, see extensively Meeus 2014, 263 n. 2; cf. Marquaille 2008, 45, with references to modern views of Ptolemy I as peaceful in n. 27.

<sup>107</sup> Tarn 1913, 216.

<sup>108</sup> Most recently Hauben 2014; Meeus 2014; Strootman 2014b.

<sup>109</sup> App., Praef. 10.

<sup>110</sup> Hauben 2014.

For instance, at a combined expedition in Syria, Ptolemy commanded the fleet while the army was commanded by a general, Nikanor (Diod. 18.43; App., Syr. 52; cf. Hauben 1975); Ptolemy furthermore was present at naval expeditions in 309 (Diod. 20.27) and 308 (Diod. 20.37.1-2; Suda s.v. "Demetrios") and in the naval battle off Salamis against Demetrios I (Diod. 20.49.1-2, 50.5–6, 51.6, 52.3; Plut., Demetr. 15.2; 16.1; Polyaen. 4.7.7).

<sup>112</sup> Eckstein 2006, 79-117.

<sup>113</sup> Strootman 2007, 26–30, using Charles Tilly's model of competitive state formation (Tilly 1990).

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directly in six major wars.<sup>114</sup> These are collectively known as the Syrian Wars because they were supposed to have resulted from rival claims to the southern Levant, known in this period as Koile Syria ("Hollow Syria"). In fact, much more was at stake than merely the possession of that specific region. As Chester Starr already pointed out,

If there were six Syrian wars between the Ptolemies and Seleucids the causes were in part personal pride and desire for glory, but also the advantages to be gained from controlling the Mediterranean ports to which the luxuries of India and Arabia largely flowed.<sup>115</sup>

Historians today would probably no longer assume so lightheartedly a deeper lying economic cause for these wars, but Starr's observation that the Ptolemies and Seleukids fought over Mediterranean ports is basically correct. Various smaller and bigger wars in the eastern Mediterranean moreover were interwoven with the Seleukid-Ptolemaic antagonism, involving many other polities, most of all the Antigonid kingdom in Macedonia and the Attalid kingdom in western Asia Minor. Eventually, also Rome was drawn into the fray. 116

An important arena where Ptolemaic interests clashed with those of the Seleukids and their principal allies, the Antigonids, was the Aegean. The Aegean was in fact a more contested area than Koile Syria. Koile Syria was a frontier. In the Aegean by contrast, imperial spheres of influence were not clearly delineated. At issue here was the goodwill and support of the city states, the *poleis*. Among various reasons why these cities where so important to the empires two to my mind stand out. First, the *poleis* and their hinterlands were significant sources of manpower for both empires. <sup>117</sup> Second, the *poleis*, being markets where surpluses were collected, constituted important sources of capital. <sup>118</sup> The already high costs of large-scale warfare increased exponentially in the third century due to the development of ever bigger battle ships and the growing importance of fortifications and siege warfare (which in turn was the result

See Grainger 2010 for a comprehensive narrative of prolonged Seleukid-Ptolemaic warfare until the end of the second century; good overviews of Ptolemaic-Seleukid warfare are also provided by Hölbl 2001, *passim*, and Fischer-Bovet 2014, 52–105.

<sup>115</sup> Starr 1989, 53.

<sup>116</sup> For the Roman involvement, see Eckstein 2008.

See Stefanou 2013; it is noteworthy that the largest percentage of Ptolemaic cleruchs (military settlers) after the Macedonians came from mainland Greece, an area not directly controlled by the Ptolemies. As late as 190 a Ptolemaic official, Aristonikos, traveled to Greece to recruit new troops (Polyb. 22.17).

<sup>118</sup> Strootman 2019b.

of the increased importance of cities for empires).<sup>119</sup> Fischer-Bovet calculated that the annual costs of the Mediterranean fleet under Ptolemy II could easily have exceeded 4,000 silver talents, depending of the length of the campaigning season.<sup>120</sup> The fleet however was financed not only from the dynasty's own coffers, as ships were sometimes paid for by wealthy *philoi*.<sup>121</sup> In addition, ships could be provided by allied cities.<sup>122</sup> Some Aegean middle powers possessed considerable navies, for instance Byzantion and most of all Rhodes, an ally of the early Ptolemies.<sup>123</sup> The rapid monetization of the Egyptian economy, introduced centrally by the dynasty,<sup>124</sup> is indicative of the Ptolemies' need to obtain through taxation cash for their high military expenditures outside of Egypt.<sup>125</sup>

Ptolemaic warfare in the Aegean went back to the Diadoch Wars, when a Ptolemaic fleet sailed north in response to the Antigonid appropriation of control of the newly founded League of the Islanders (314), which threatened to give them naval supremacy. This brief, and unsuccessful, campaign was soon followed up by a combined land and sea offensive in western Asia Minor and Greece, led by Ptolemy I personally (309–306). Ptolemy spent most of his career as satrap and king fighting the Antigonids. His successor, Ptolemy II, fought both the Antigonids and the Seleukids. Direct warfare with the Seleukids began in 274, or perhaps already in 280. Until 195 the Ptolemies and

On the costly naval "arms-race" between the Hellenistic kings, see Murray 2012; cf. Beyer-Rotthoff 1993, 248–249, pointing out that the Ptolemaic war fleet was active mainly in the Aegean.

Fischer-Bovet 2014, 72; she also adds a maximum of ca. 5,600–6,700 talents using a different method of calculation, and a minimum of ca. 2,500–3,700 silver talents in case in "peacetime" only one-third of the fleet's personnel was paid for nine months only (but refrains from speculating about a Red Sea fleet). Murray 2012, 190, points out the significant additional costs of maintaining shipyards, foundries for the production of rams, workshops and arsenals for the construction and storage of catapults, and ship sheds to store the vessels in during winter season.

<sup>121</sup> Hauben 1990.

<sup>122</sup> Hauben 1990, 129 and 132; Fischer-Bovet 2014, 71.

<sup>123</sup> Kah 2016; Gabrielsen 1997; Wiemer 2002.

<sup>124</sup> von Reden 2010.

<sup>125</sup> On the development of taxation in Ptolemaic Egypt, see Gorre and Honigman 2013.

<sup>126</sup> Diod. 20.27. Ptolemaic intervention in the later Chremonidean War likely was provoked by Antigonid naval expansion (O'Neil 2008).

On this campaign, see most recently Hauben 2014. Ptolemaic garrisons held Sikyon and Corinth from 308 to 303 (Bagnall 1976, 135). No later Ptolemaic kings commanded personally in the Aegean theater; several princes of royal blood however were active as commanders in Asia Minor during the Second and Third Syrian Wars (Coşkun 2015). A good example of the type of individual that built the Ptolemaic thalassocracy in the Aegean is Kallikrates of Samos; on his extraordinary career, see Hauben 1970; 2013.

Seleukids fought each other in the Aegean, both directly and by proxy. They also fought each other in Palestine and Syria. After 195, they fought each other in Syria, Palestine and Egypt. In these wars, the Ptolemies relied on their fleet for transportation and support of their troops. With one notable exception—Ptolemy III's campaign in Babylonia (245)—Ptolemaic armies never ventured far from the coast. 128

In recent historical research, empires are often seen as essentially negotiated enterprises involving various interest groups. 129 In the Hellenistic Mediterranean, notably priestly and civic elites were co-opted by the rival empires. Coercive means were used against cities only as a last resort. In the context of the Seleukid Empire, John Ma has elaborately shown how poleis in Asia Minor often had a relatively strong bargaining position vis-à-vis the empire, 130 while this author has pointed out the fundamental entanglements between civic and imperial elites (civic and imperial leaders often belonged to the same social groups, or even families).<sup>131</sup> In civic inscriptions, a bond between a basileus (the king as a person) and a demos (the citizens of a polis) were cast as symmachia (military alliance) but also as philia, a ritualized friendship bond for mutual assistance.<sup>132</sup> Because of the internal political disunity that characterized many poleis, imperial rulers often were eager to give in to the wishes of friendly regimes, and thus prevent them from changing sides. A case in point is the already mentioned Island League (or Nesiotic League). This federation of Cycladic poleis was originally founded under the auspices of the Antigonid Dynasty; but around 287 the Cycladic poleis strengthened their autonomy by negotiating a change of allegiance from the Antigonids to the Ptolemies. 133 All this also means that agents representing rival empires could be simultaneously present in the same city. The thing with network empires, is that the modern notion of state borders is not applicable to them: their networks crossed and their spheres of influence overlapped.

The control of islands was vital for the exercise of sea power in the Aegean. <sup>134</sup> The strategically located isle of Kos was a major Ptolemaic naval base in the

On this war comprehensively Hölbl 2001, 48–51.

<sup>129</sup> See the "Introduction" to this volume.

<sup>130</sup> Ma 2000. But rulers co-opted local elites and negotiated with them in exchange for revenue even in relatively firmly controlled regions such as Egypt (Manning 2003, 226) or Seleukid Babylonia (Strootman 2013).

<sup>131</sup> Strootman 2011a.

<sup>132</sup> Strootman 2019b, with previous literature.

<sup>133</sup> Constantakopoulou 2012.

<sup>134</sup> Constantakopoulou 2007.

third century. <sup>135</sup> Ptolemy II negotiated his way into becoming the protector of the Island League, as we just saw. <sup>136</sup> The League was dissolved under Antigonid pressure at the end of the Chremonidean War (ca. 267–261), <sup>137</sup> or early in the Second Syrian War (ca. 260–253). <sup>138</sup> After 250, the Cyclades came under the hegemony of Rhodes. <sup>139</sup> Ptolemaic sea power did not dwindle with the dissolution of the League. <sup>140</sup> The Ptolemies held on to their naval bases on Thera, the southernmost of the Cycladic Islands, <sup>141</sup> and on Keos, near the tip of Attika. <sup>142</sup> They also retained a major naval base at Methana, renamed Arsinoe, on the Peloponnesian coast of the Saronic Gulf. <sup>143</sup>

Although the Ptolemies no longer intervened militarily in mainland Greece after 250, they continued to intervene there indirectly and remained very much present in the *poleis* through benefactions, dynastic cults, and sponsorship of religious festivals. Leven their participation *in absentia* in the great Pan-Hellenic festivals in southern Greece (the Olympic, Isthmian, and Nemean games) can directly be associated with their imperial interests in the Peloponnese. And if empire is indeed about visibility, then the Ptolemies were surely winners—even in mainland Greece, and even after 250. Bronze and marble portraits of successive Ptolemaic kings and queens could be seen far and wide in the Aegean, but particularly in harbor towns and Pan-Hellenic and regional sanctuaries. Level

<sup>135</sup> Bagnall 1976, 103–105; Sherwin-White 1978, 90–108.

Relations between the League and the Ptolemaic court are explored in Bagnall 1976, 136–141. Meadows 2013 argues that the Island League was founded by Ptolemy II, and was purely an instrument of power of the Ptolemies; Buraselis 2013, 174–177, too, doubts whether the League should be termed a genuine federation of *poleis*; contrast however the more nuanced view of Constantakopoulou 2012.

<sup>137</sup> Meadows 2013, 37-38.

<sup>138</sup> Merker 1970, 159-160 with n. 99.

<sup>139</sup> Reger 1994.

<sup>140</sup> So Erskine 2013, who is skeptical of the Polybian narrative of Ptolemaic decline after 250.

Bagnall 1976, 123–134. Thera may have remained in Ptolemaic hands until the reign of Ptolemy VI (180–145); see Reger 1994, 33; Palagia 2013, 146–147.

<sup>142</sup> Bagnall 1976, 141-145.

<sup>143</sup> Bagnall 1976, 135-136.

<sup>144</sup> This is often called "soft power"; I do not think however that forcing these forms of imperial politics into a distinct category is useful.

<sup>145</sup> Kralli 2013.

Overviews: Palagia 2013; Hintzen-Bohlen 1992. Pan-Hellenic and regional sanctuaries: Bagnall 1976, 151–156 (Delos); Hoepfner 1971 (Olympia); Kosmetatou 2002 (Delphi); Cavalier and Des Courtils 2013 (Xanthos); Stanzl 2003 (Limyra). The Ptolemies of course were not the only dynasty interested in these sacred places; as to be expected, the Seleukids and Antigonids infiltrated these places as well.

Ptolemaic hegemony in the Aegean was extensive. For the late third century (the reign of Ptolemy III) Polybios mentions a Ptolemaic military presence as far north as Thrace. Polybios' information is corroborated for this period by an epigraphically attested Ptolemaic *stratēgos* (military governor) in Thrace between 240 and 221. On the opposite shore of the Sea of Marmara, Ptolemy II was in alliance with the Bithynian kings Nikomedes I and Ziaëlas, enemies of the Seleukids, who controlled the Bosporus. In the northern Black Sea littoral, an inscription shows that Ptolemy II was allied with king Pairisades II. Pairisades may have been a vassal of sorts, as is suggested by a black basalt statue of the Ptolemaic queen Arsinoe II excavated at Pantikapaion, near the Aphrodite sanctuary were the Isis sgrafitto was found. This brings us back to the Crimea, and the ship called Isis.

#### Conclusion

We started this chapter with an image of a Ptolemaic warship, named after a goddess who was commonly associated with Ptolemaic queens. The presence of the ship so far to the north should not come as a surprise. The Hellenistic period was a time of increased connectivity. The Ptolemaic Empire took advantage of that and at the same time enhanced it, as imperial powers often do. Empires create connectivity and stimulate migration, both voluntarily and involuntarily (soldiers, sailors, colonists, slaves). If the ship indeed is Ptolemaic, its presence in a Crimean sanctuary dedicated to the sea deity, Aphrodite, and near a statue of Arsinoe II, can be seen as a symbolic demarcation of the northern edge of Ptolemaic maritime hegemony.

I have argued that the Ptolemaic Empire in its heyday under Ptolemy I to IV was seaborne: its main avenues of communication and control were maritime. Ptolemaic power was based on a strong fleet and an extensive high-density maritime infrastructure. Sheila Ager rightly stressed that the idea of a Ptolemaic grand strategy of defensive imperialism is largely based on hindsight: that Ptolemy I's campaigns in mainland Greece and Ptolemy III's campaigns in

<sup>147</sup> Polyb. 5.34.8; cf. Liv. 31.16.3-4.

<sup>148</sup> Bengtson 1952, 178 and 183 n. 1; the sources for the Ptolemaic presence in the North Aegean are discussed by Bagnall 1976, 159–168.

<sup>149</sup> FGrH 434 fr. 14; Sylloge I3 456.

<sup>150</sup> H. I. Bell in *Symbolae Osloenses* 5 (1927) 1-2.

<sup>151</sup> The statue is mentioned by Murray 2002, 549, citing Vinogradov and Zolotarev 1999, 365  $(n\nu)$ .

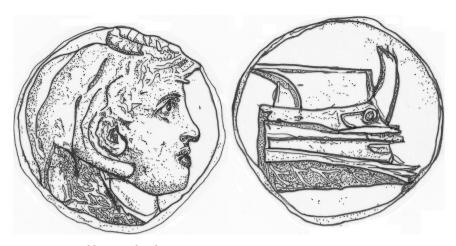


FIGURE. 5.2 Gold Stater of Ptolemy I, ca. 313–306
DRAWING LEONOOR STROOTMAN

Syria and Babylonia were unsuccessful does not mean that these kings had limited ambitions.  $^{152}$  In fact, the opposite is true. And although it is also true that the Ptolemies never controlled the entire Aegean in actuality, they were certainly all over the place. The problem was that the Seleukids and Antigonids were there too.

The Ptolemaic Empire was different from the city-based thalassocracies of Athens and Carthage in that it expressed its sea power in its representation and propaganda—in panegyric (Theokritos' 17th *Idyll*; Kallimachos' *Hymn to Delos*), by the promotion of the cult of Aphrodite-Isis across the Mediterranean, or in the form of the well-known image of Alexandria as 'Queen of the Sea'. There is moreover the so-called "naval supremacy coinage" of Ptolemy 1, but this type of coinage is rather early and quite rare (Figure. 5.2).<sup>153</sup>

Elsewhere I have argued that if Ptolemy I thought of himself as an Egyptian pharaoh, he would have stayed in Memphis. This is where he resided when he was still no more than satrap of Egypt. By making the Mediterranean port Alexandria his principal residence, and by bringing there the embalmed body of the world conqueror, Alexander, Ptolemy publicly upgraded his ambition from provincial ruler to world leader pretend. As a province, Egypt of course was hugely important, and the Ptolemies did visit Memphis

<sup>152</sup> Ager 2003, 49.

<sup>153</sup> Bodzek 2014.

<sup>154</sup> Strootman 2014b.

for specific festive occasions; but in the third century other regions were important, too. $^{155}$ 

This is also what Ptolemaic propaganda tells us. Universalistic claims are pervasive in Ptolemaic representation, for instance in the Adulis Inscription of Ptolemy III, <sup>156</sup> or Theokritos' encomium for Ptolemy II, as we saw above. Around 270, the court poet Kallimachos boasted that Ptolemy II ruled an empire stretching from sunrise to sunset, <sup>157</sup> and more than two centuries later Kleopatra VII still claimed suzerainty over an empire extending from the Hellespont to India. <sup>158</sup>

### Acknowledgment

While finishing this chapter, I heard the sad news that Herman Wallinga, former Chair of Ancient History at Utrecht University and an outstanding scholar of maritime history, passed away on January 1, 2018, at the age of 92. In a short obituary on Facebook, my colleague Jaap-Jan Flinterman correctly characterized Professor Wallinga as "een groot geleerde en een ontzettend aardige man" ("a great scholar and an extremely amiable man"). I dedicate this article to his memory.

## **Bibliography**

Ager, S. L. 2003. "An Uneasy Balance: From the Death of Seleukos to the Battle of Raphia." In *A Companion to the Hellenistic World*, edited by A. Erskine, 35–50. Oxford and Malden: Blackwell.

Aliquot, J., and Bonnet, C., eds. 2015. *La Phénicie Hellénistique. Actes du Colloque International de Toulouse, 18–20 février 2013 (Topoi Supplément 13*). Lyon: Société des Amis de la Bibliothèque Salomon-Reinach.

Arnaud, P. 2005. Les Routes de la Navigation Antique: Itinéraires en Méditerranée. Paris: Errance.

<sup>155</sup> The Ptolemies took good care of Egypt, but one does not get the impression that in the third century Egypt was their priority when it came to (re)investing resources; the unknown, but likely high, combined costs of civic benefactions, gift giving to local *philoi*, garrisoning, fleet maintenance, and waging war suggests that more Ptolemaic money streamed into the war-torn Aegean than into Egypt.

<sup>156</sup> Above, n. 68.

<sup>157</sup> Kallimachos, *Hymn* 4.169–170.

<sup>158</sup> Dio Cass. 49.40.2-41.3.

Arnaud, P. 2011. "Ancient Sailing-Routes and Trade Patterns: The Impact of Human Factors." In *Maritime Archaeology and Ancient Trade in the Mediterranean*, edited by D. Robinson and A. Wilson, 61–80. Oxford: Oxford Centre for Maritime Archaeology.

- Arnaud, P. 2014 "Maritime Infrastructure: Between Public and Private Initiative." In *Infrastruktur und Herrschaftsorganisation im Imperium Romanum. Herrschaftsstrukturen und Herrschaftspraxis III: Akten der Tagung in Zürich 19.-20.10.2012*, edited by A. Kolb, 161–179. Berlin: De Gruyter.
- Bagnall, R. S. 1976. The Administration of the Ptolemaic Possessions Outside Egypt. Leiden: Brill.
- Bagnall, R. S. 1997. "Decolonizing Ptolemaic Egypt." In *Hellenistic Constructs: Essays in Culture, History, and Historiography*, edited by P. Cartledge, P. Garnsey and E. Gruen, 225–241. Berkeley and Los Angeles: University of California Press.
- Baker, P., and G. Thériault. 2013. 'Dedicace de Mercenaires Lagides Pour Kybernis sur l'Acropole Lycienne de Xanthos.' In *Euploia. La Lycie et La carie antiques. Dynamiques des territoires, échanges et identités. Actes du colloque de Bordeaux, 5, 6 et 7 novembre 2009*, edited by P. Brun, L. Cavalier, K. Konuk, and F. Prost, 293–302. Bordeaux: Ausonius Éditions.
- Bang, P. F. 2012. "Between Aśoka and Antiochos: An Essay in World History on Universal Kingship and Cosmopolitan Culture in the Hellenistic Ecumene." In *Universal Empire: A Comparative Approach to Imperial Culture and Representation in Eurasian History*, edited by P. F. Bang and D. Kołodziejczyk, 60–75. Cambridge: Cambridge University Press.
- Barbantani, S. 2005 "Goddess of Love and Mistress of the Sea. Notes on a Hellenistic Hymn to Arsinoe-Aphrodite (*P. Lit. Goodsp.* 2, I-IV)." *Ancient Society* 35: 135–165.
- Basch, L. 1985. "The ISIS of Ptolemy II Philadelphus." Mariner's Mirror 71: 129-151.
- Bell, H. I., 1946. "Alexandria ad Aegyptum." JRS 36.1-2: 130-132.
- Bengtson, H. 1952. *Die Strategie in der hellenistischen Zeit. Ein Beitrag zum antiken Sta*atsrecht III. München: C. H. Beck.
- Beresford, J. 2013. *The Ancient Sailing Season (Mnemosyne Supplements 351*). Leiden and Boston: Brill.
- Beyer-Rotthoff, B. 1993. *Untersuchungen zur Außenpolitik Ptolemaios' III*. Bonn: Rudolf Habelt.
- Bingen, J. 2007. *Hellenistic Egypt: Monarchy, Society, Economy, Culture. Edited with an Introduction by Roger S. Bagnall.* Berkeley and Los Angeles: University of California Press.
- Bodzek, J. 2014. "Naval supremacy propaganda on the coins of Ptolemy I." In *Aegyptus est Imago Caeli. Studies presented to Krzysztof M. Ciałowicz on His 60th Birthday*, edited by M. A. Jucha, J. Dębowska-Ludwin, and P. Kołodziejczyk, 281–289. Kraków: Institute of Archaeology, Jagiellonian University in Kraków.

- Bonnet, C., and L. Bricault. 2016. *Quand les Dieux Voyagent: Cultes et Mythes en Mouvement Dans l'Espace Méditerranéen Antique. Histoire des religions*. Genève: Labor et Fides.
- Bowman, A. K. 1996. *Egypt after the Pharaohs, 332 BC–AD 64*. 2nd edn; Berkeley, Los Angeles, London: University of California Press.
- Braunert, H. 1964. "Hegemoniale Bestrebungen der hellenistischen Großmächte in Politik und Wirtschaft." *Historia* 13: 80–104.
- Bringmann, K. 2005. *Geschichte der Juden im Altertum. Vom babylonischen Exil bis zur arabischen Eroberung.* Stuttgart: Klett-Cotta.
- Brophy, E. 2015. "Lords of Two Lands, Statues of Many Types: Style and Distribution of Royal Statues in Ptolemaic and Roman Times". In *Continuity and Destruction in the Greek East: The Transformation of Monumental Space From the Hellenistic Period to Late Antiquity (BAR International Series 2765)*, edited by S. Chandrasekaran and A. Kouremenos, 59–70. Oxford: British Archaeological Reports.
- Buraselis, K. 1993. "Ambivalent Roles of Centre and Periphery: Remarks on the Relation of the Cities of Greece with the Ptolemies Until the end of Philometor's Age." In *Centre and Periphery in the Hellenistic World*, edited by P. Bilde *et al.*, 251–270. Aarhus: Aarhus University Press.
- Buraselis, K. 2013. "Confederacies, Royal Policies and Sanctuaries in the Hellenistic Aegean: The case of Nesiotai, Lesbioi, and Kerataieis." In *Greek Federal States and Their Sanctuaries: Identity and Integration. Proceedings of an International Conference of the Cluster of Excellence "Religion and Politics" Held in Münster, 17.06.-19.06.2010*, edited by P. Funke and M. Haake, 173–184. Stuttgart: Franz Steiner Verlag.
- Burstein, S. M. 1993. "The Hellenistic Fringe: The Case of Meroe." In *Hellenistic History and Culture*, edited by P. M. Green, 38–53. Berkeley and Los Angeles: University of California Press.
- Burstein, S. M. 2008. "Elephants for Ptolemy II: Ptolemaic Policy in Nubia in the Third Century BC." In *Ptolemy II Philadelphus and His World (Mnemosyne Supplement* 300), edited by P. McKechnie and P. Guillaume, 135–147. Leiden and Boston: Brill.
- Burstein, S. M. 2014. "The Satrap Stela and the Struggle for Lower Nubia." In *The Fourth Cataract and Beyond. Proceedings of the 12th Conference for Nubian Studies*, edited by J. R. Anderson and D. A. Welsby, 573–576. Leuven: Peeters.
- Burstein, S. M. 2015. "Alexander's Unintended Legacy: Borders." In *Greece, Macedon and Persia: Studies in Social, Political and Military History in Honour of Waldemar Heckel*, edited T. Howe, E. E. Garvin, and G. Wrightson, 118–126. Oxford and Philadelphia: Oxbow Books.
- Burstein, S. M. 2016. "Ptolemy III and the Dream of Reuniting Alexander's Empire." *AHB* 31: 77–86.
- Carbon, J.-M. 2013. "Dolphin-pillars." Epigraphica Anatolica 46: 27-34.
- Casson, L. 1951. "Speed Under Sail of Ancient Ships." *Transactions of the American Philological Association* 82: 136–148.

Casson, L. 1969. "The Super Galleys of the Hellenistic Age." *Mariner's Mirror* 55: 185–193.

- Casson, L. 1971. *Ships and Seamanship in the Ancient World* (Princeton, NJ: Princeton University Press, 1971).
- Catanzeriti, A. 2008. "The Incense Road." In *Faces of Ancient Arabia: The Giraud and Carolyn Foster Collection of South Arabian Art*, edited by R. Schulz and G. V. Foster, 30–33. Baltimore, MD: Walters Art Museum & The Man and Lion Press.
- Cavalier, L., and J. Des Courtils. 2013. "Empreinte Lagide au Letôon de Xanthos?" In *Euploia. La Lycie et La Carie Antiques. Dynamiques des Territoires, Échanges et Identités.*Actes du Colloque de Bordeaux, 5, 6 et 7 Novembre 2009, edited by P. Brun, L. Cavalier, K. Konuk and F. Prost, 143–152. Bordeaux: Ausonius.
- Clarysse, W. 1985. "Greeks and Egyptians in the Ptolemaic Army and Administration." *Aegyptus* 65: 57–66.
- Clarysse, W. 1999. "Ptolémées et Temples." In D. Valbelle and J. Leclant eds., *Le Décret de Memphis. Colloque de la Fondation Singer-Polignac à l'Occasion de la Célébration du Bicentenaire de la Découverte de la Pierre de Rosette*, Paris. 41–66.
- Clarysse, W., and D. J. Thompson. 2006. *Counting the People in Hellenistic Egypt*, Cambridge.
- Clarysse, W., and C. Fischer-Bovet. 2012. "A Military Reform Before the Battle of Raphia?." *Archiv für Papyrusforschung* 58: 26–35.
- Cohen, G. M. 1983. "Colonization and Population Transfer in the Hellenistic World." In E. van 't Dack ed., *Egypt and the Hellenistic World. Proceedings of the International colloquium, Leuven* 24–26 May 1982, Leuven: Peeters: 63–74.
- Cohen, G. M. 1995. *The Hellenistic Settlements in Europe, the Islands, and Asia Minor (Hellenistic Culture and Society 17*), Berkeley, Los Angeles, London: University of California Press.
- Cohen, G. M. 2006. The Hellenistic Settlements in Syria, the Red Sea Basin, and North Africa. (Hellenistic Culture and Society 46). Berkeley and Los Angeles: University of California Press.
- Constantakopoulou, C. 2012. "Identity and Resistance: The Islanders' League, the Aegean islands and the Hellenistic Kings." *MHR* 27.1: 51–72.
- Coşkun, A. 2015. "Ptolemaioi as Commanders in 3rd-Century Asia Minor and Some Glimpses on Ephesos and Mylasa During the Second and Third Syrian Wars." In *Vir Doctus Anatolicus. Studies in Memory of Sencer Şahin*, edited by B. Takmer, E. Akdoğu Arca, and N. Gökalp, 257–279. Istanbul: Kabalcı Yayınevi.
- Dumke, G., and Pfeiffer, S. 2014. "The Political Occupation of Sacred Space: The Ptolemaic Royal Household on Cyprus", *Mythos* 8: 77–90.
- Durand, C. 2012. "Crossing the Red Sea: The Nabataeans in the Egyptian Eastern Desert." In Navigated Spaces, Connected Places: Proceedings of Red Sea Project V Held at the University of Exeter, 16–19 September 2010 (British Foundation for the Study of

- *Arabia Monographs 12*), edited by D. A. Agius, J. P. Cooper, A. Trakadas, and C. Zazzaro, 85–90. Oxford: Archaeopress.
- Eckert, M. 2106. Die Aphrodite der Seefahrer und ihre Heiligtümer am Mittelmeer: Archäologische Untersuchungen zu interkulturellen Kontaktzonen am Mittelmeer in der späten Bronzezeit und frühen Eisenzeit. Berlin and Münster: LIT Verlag.
- Eckstein, A. M. 2006. *Mediterranean Anarchy, Interstate War, and the Rise of Rome.* (*Hellenistic Culture and Society 48*). Berkeley and Los Angeles: University of California Press.
- Eckstein, A. M. 2008. Rome Enters the Greek East. From Anarchy to Hierarchy in the Hellenistic Mediterranean, 230–170 BC. Malden, Oxford, Victoria: Blackwell.
- Erickson, K. 2011. "Apollo-Nabû: The Babylonian Policy of Antiochus I." In *Seleucid Dissolution: The Sinking of the Anchor (Philippika 50)*, edited by K. Erickson and G. Ramsey, 51–66. Wiesbaden: Harrassowitz Verlag.
- Erskine, A. 2013. "Polybius and Ptolemaic Sea Power." In *The Ptolemies, the Sea and the Nile: Studies in Waterborne Power*, edited by K. Buraselis, M. Stefanou, and D. J. Thompson, 82–96. Cambridge: Cambridge University Press.
- Fauvelle-Aymard, F.-X. 2009. "Les Inscriptions d'Adoulis (Érythrée). Fragments d'un Royaume d'Influence Hellénistique et Gréco-Romain sur la Côte Aricaine de la Mer Rouge." *BIFAO* 109: 135–160.
- Fischer-Bovet, C. 2014. *Army and Society in Ptolemaic Egypt*, Cambridge: Cambridge University Press.
- Fischer-Bovet, C. 2016. "Towards a Translocal Elite Culture in the Ptolemaic Empire." In Cosmopolitanism and Empire: Universal Rulers, Local Elites, and Cultural Integration in the Ancient Near East and Mediterranean, edited by M. Lavan, R. E. Payne, and J. Weisweiler, 103–128. Oxford: Oxford University Press.
- Fössmeier, C. 2001. "Ich bin Ägypten'. Selbstinszenierung und Fremdstilisierung der Kleopatra im Film." *AW* 32: 285–288.
- Fourrier, S. 2015. "Chypre, des Royaumes à la Province Lagide: la Documentation Phénicienne." In *La Phénicie Hellénistique: Actes du Colloque International de Toulouse (18–20 février 2013) (Topoi Supplément 13*), edited by J. Aliquot and C. Bonnet, 31–53. Lyon: Société des Amis de la Bibliothèque Salomon-Reinach.
- Fraser, P. M. 1972. Ptolemaic Alexandria. Oxford: Oxford University Press.
- Fulińska, A. 2012. "Arsinoe Hoplismene: Poseidippos 36, Arsinoe Philadelphos and the Cypriot Cult of Aphrodite." *SAAC* 16: 141–156.
- Gabrielsen, V. 1997. *The Naval Aristocracy of Hellenistic Rhodes (Studies in Hellenistic Civilization 6*). Aarhus: Aarhus University Pres.
- Gabrielsen, V. 2013. "Rhodes and the Ptolemaic Kingdom: The Commercial Infrastructure." In *The Ptolemies, the Sea and the Nile: Studies in Waterborne Power*, edited by K. Buraselis, M. Stefanou, D. J. Thompson, 66–81. Cambridge: Cambridge University Press.

Gasparro, G. S. 2007. "The Hellenistic Face of Isis: Cosmic and Savior Goddess." *In Nile Into Tiber: Egypt in the Roman World. Proceedings of the IIIrd International Conference of Isis Studies (Religions of the Greco-Roman World 92)*, edited by L. Bricault, P. G. P. Meyboom, and M. J. Versluys, 40–72. Leiden and Boston: Brill.

- Gates-Foster, J. 2006. "Hidden Passage: Graeco-Roman Roads in Egypt's Eastern Desert." In *Space and Spatial Analysis in Archaeology*, edited by E. Robertson *et al.*, 315–322. Calgary: University of Calgary Press.
- Gera, D. 1997. *Judaea and Mediterranean Politics, 219 to 161 B.C.E.* (Brill's Series in Jewish Studies 8). Leiden and Boston: Brill.
- Gill, J. C. R. 2016. Dakhleh Oasis and the Western Desert of Egypt Under the Ptolemies (Dakhleh Oasis Project Monograph 17). Oxford: Oxbow.
- Gorre, G. 2009. Les Relations du Clergé Égyptien et des Lagides d'après des Sources Privées (Studia Hellenistica 45). Leuven: Peeters.
- Gorre, G., and S. Honigman. 2013. "Kings, Taxes and High Priests: Comparing the Ptolemaic and Seleukid Policies." In *Egitto dai Faraoni agli Arabi*, edited by S. Bussi, 105–19. Pisa and Rome: Fabrizio Serra Editore.
- Grabbe, L. L. 2011. "Hyparchs, *Oikonomoi* and Mafiosi: The Governance of Judah in the Hellenistic Period." In *Judah Between East and West: The Transition From Persian to Greek Rule (ca. 400–200 BCE). A Conference Held at Tel Aviv University, 17–19 April 2007 (Library of Second Temple Studies 75)*, edited by L. L. Grabbe and O. Lipschits, 70–90. London and New York: T&T Clark.
- Grač, N. L. 1987. "Ein neu entdecktes Fresko aus hellenistischer Zeit in Nymphaion bei Kertsch." *Skythika* 98: 87–95.
- Graf, F. 1979. "Apollo Delphinios." MH 36: 2-22.
- Grainger, J. D. 1991. Hellenistic Phoenicia. Oxford: Oxford University Press.
- Grainger, J. D. 2010. *The Syrian Wars (Mnemosyne Supplement 320)*. Leiden and Boston: Brill.
- Habicht, C., and C. P. Jones. 1989. "A Hellenistic Inscription From Arsinoe in Cilicia." *Phoenix* 43: 317–346.
- Habicht, C. 2013. "Eudoxus of Cyzicus and Ptolemaic Exploration of the Sea Route to India." In *The Ptolemies, the Sea and the Nile: Studies in Waterborne Power*, edited by K. Buraselis, M. Stefanou, and D. J. Thompson, 197–206. Cambridge: Cambridge University Press.
- Hauben, H. 1970. *Callicrates of Samos: A Contribution to the Study of Ptolemaic Admiralty*. Leuven: Peeters.
- Hauben, H. 1975. Het Vlootbevelhebberschap in de Vroege Diadochen tijd (323–301 v. C.): Een Prosopographisch en Institutioneel Onderzoek. Brussels: Koninklijke Academie voor Wetenschappen, Letteren en Schone Kunsten.
- Hauben, H. 1990. "Triérarques et Triérarchie dans le Marine des Ptolémées." *Ancient Society* 21: 119–139.

- Hauben, H. 2013. "Callicrates of Samos and Patroclus of Macedon, Champions of Ptolemaic Thalassocracy." In *The Ptolemies, the Sea and the Nile: Studies in Waterborne Power*, edited by K. Buraselis, M. Stefanou, and D. J. Thompson, 39–65. Cambridge: Cambridge University Press.
- Hauben, H. 2014. "Ptolemy's Grand Tour." In *The Age of the Successors and the Creation of the Hellenistic Kingdoms* (323–276 B.C.) (Studia Hellenistica 53), edited by H. Hauben and A. Meeus, 235–262. Leuven: Peeters.
- Harris, H. V., and Ruffini, G., eds. 2004. *Ancient Alexandria Between Egypt and Greece*. Leiden and Boston: Brill.
- Haubold, J. 2016. "Hellenism, Cosmopolitanism, and the Role of Babylonian Elites in the Seleucid Empire." In *Cosmopolitanism and Empire: Universal Rulers, Local Elites, and Cultural Integration in the Ancient Near East and Mediterranean*, edited by H. M. Lavan, R. E. Payne, and J. Weisweiler, 89–102. Oxford: Oxford University Press.
- Heerink, M. 2010. "Merging Paradigms: Translating Pharaonic Ideology in Theocritus' *Idyll* 17." In *Interkulturalität in der Alten Welt. Vorderasien, Hellas, Ägypten und die vielfältigen Ebenen des Kontakts*, edited by B. Gufler, M. Lang, I. Madreiter, and R. Rollinger, 383–408. Wiesbaden: Harrassowitz Verlag.
- Hennig, D. 2003. "Sicherheitskräfte zur Überwachung der Wüstengrenzen und Karawanenwege im ptolemäischen Ägypten." *Chiron* 33: 145–174.
- Hintzen-Bohlen, B. 1992. Herrscherrepräsentation im Hellenismus. Köln: Böhlau.
- Höckmann, O. 1999. "Naval and Other Graffiti From Nymphaion." ACSS 5.4: 303-355.
- Hoepfner, W. 1971. Zwei Ptolemaierbauten. Das Ptolemaierweihgeschenk in Olympia und ein Bauvorhaben in Alexandria. Berlin: Mann.
- Houle, D. J. 2015. "Ethnic Constructions in the Seleucid Military." MA Thesis: Waterloo University.
- Hölbl, G. 2001. A History of the Ptolemaic Empire. Translated from the German by T. Saavedra. London and New York: Routledge.
- Hughes-Hallett, L. 1990. *Cleopatra: Histories, Dreams, and Distortions*. New York: Harper Collins.
- Huß, W. 1999. "Le Basileus et les Prêtres Égyptiens." In *Le Décret de Memphis. Colloque* à l'occasion de la célébration du bicentenaire de la découverte de la Pierre de Rosette, edited by H. D. Valbelle and J. Leclant, 117–126. Paris: Académie des Inscriptions et Belles Lettres.
- Hunter, R. L. 2003. *Encomium of Ptolemy Philadelphus*. Berkeley, Los Angeles, London: University of California Press.
- Kah, D. 2016. "Rhodos als Seemacht." In *Seemacht, Seeherrschaft und die Antike* (*Historia Einzelschriften 244*), edited by E. Baltrusch, H. Koppel, and C. Wendt, 253–278. Stuttgart: Franz Steiner Verlag.
- Keay, J. 2006. *The Spice Route: A History*. Berkeley and Los Angeles: University of California Press.

Kitchen, K. 2001. "Economics in Ancient Arabia: From Alexander to the Augustans." In *Hellenistic Economies*, edited by Z. H. Archibald, J. Davies, V. Gabrielsen, and G. J. Oliver, 157–174. London and New York: Routledge.

- Kosmetatou, E. 2002. "Remarks on a Delphic Ptolemaic Dynastic Group Monument." *Tyche* 17: 103–111.
- Kotsidu, H. 2000. TIMH KAI ΔΟΞΑ. Ehrungen für hellenistische Herrscher im griechischen Mutterland und Kleinasien unter besonderer Berücksichtigung der archäologischen Denkmäler, Frankfurt: Akademie Verlag.
- Kralli, I. 2013. "The Panhellenic Games in the Political Agenda of Hellenistic Leaders." In War-Peace and Panhellenic Games: In memory of Pierre Carlier/Πόλεμος-ειρήνη και πανελλήνιοι αγώνες, edited by N. Birgalias, K. Buraselis, P. Cartledge, A. Gartziou-Tatti, and M. Dimopoulou, 149–168. Athens: Institut du Livre & A. Kardamitsa.
- La'da, C. A. 2002. Foreign Ethnics in Hellenistic Egypt (Prosopographia Ptolemaica 10). Leuven: Peeters.
- Lanciers, E. 2017. "The alleged relations between Ptolemaic Egypt and Lycia after 197 BC and the founding date of the Lycian League." *Zeitschrift für Papyrologie und Epigraphie* 204: 116–127.
- Llewellyn-Jones, L. 2002. "Celluloid Cleopatras or Did the Greeks Ever Get to Egypt." In *The Hellenistic World: New Perspectives*, edited by D. Ogden, 275–304. Swansea: The Classical Press of Wales.
- Lykke, A. 2010. "Proto-jüdische Münzprägung in Palästina. Zu den Namen und Identitäten der münzprägenden Autoritäten." *Schild von Steier* 23: 74–86.
- Ma, J. 2000. *Antiochos III and the Cities of Western Asia Minor*. Oxford and New York: Oxford University Press.
- Manning, J. G. 2003. *Land and Power in Ptolemaic Egypt. The Structure of Land Tenure,* 332–30 BCE. Cambridge: Cambridge University Press.
- Manning, J. G. 2009. *The Last Pharaohs: Egypt Under the Ptolemies, 305–30 BC*. Princeton, NJ: Princeton University Press.
- Manning, J. G. 2011. "Networks, Hierarchies, and Markets in the Ptolemaic Economy." In *The Economies of Hellenistic Societies, Third to First Centuries BC*, edited by Z. Archibald, J. K. Davies, and V. Gabrielsen, 296–323. Oxford: Oxford University Press.
- Marquaille, C. 2008. "The Foreign Policy of Ptolemy II." In *Ptolemy II Philadelphus and his World (Mnemosyne Supplement 300*), edited by P. McKechnie and P. Guillaume, 39–64. Leiden and Boston: Brill.
- Meadows, A. 2013. "The Ptolemaic League of Islanders." In *The Ptolemies, the Sea and the Nile: Studies in Waterborne Power*, edited by K. Buraselis, M. Stefanou, and D. J. Thompson, 19–38. Cambridge: Cambridge University Press.
- Meadows, A., and P. Thonemann. 2013. "The Ptolemaic Administration of Pamphylia." *ZPE* 186: 223–226.

- Meeus, A. 2014. "The Territorial Ambitions of Ptolemy I." In *The Age of the Successors and the Creation of the Hellenistic Kingdoms* (323–276 B.C.) (Studia Hellenistica 53), edited by H. Hauben and A. Meeus, 307–322. Leuven: Peeters.
- Merker, I. M. 1970. "The Ptolemaic Officials and the League of the Islanders." *Historia* 19: 141–160.
- Michaelides, D., Kassianidou, V., Merillees, R., eds. 2009. *Egypt and Cyprus in Antiquity*, Oxford and London: Oxbow Books.
- Mooren, L. 1975. *The Aulic Titulature in Ptolemaic Egypt. Introduction and Prosopog-raphy*, Brussels: Koninklijke Academie voor Wetenschappen, Letteren en Schone Kunsten.
- Mooren, L. 1981. "Ptolemaic families." In *Proceedings of the Sixteenth International Congress of Papyrology, New York, 24–31 July 1980*, R. S. Bagnall, G. M. Browne, A. E. Hanson, L. Koenen, 289–301. Chico, CA: Scholars Press.
- Locher, J. 1999. Topographie und Geschichte der Region am ersten Nilkatarakt in griechisch-römischer Zeit (Archiv für Papyrusforschung 5). Stuttgart: Franz Steiner Verlag.
- McAuley, A. 2016. "Princess & Tigress: Apama of Kyrene." In Seleukid Royal Women: Creation, Representation and Distortion of Hellenistic Queenship in the Seleukid Empire. (Historia Einzelschriften 240), edited by A. Coškun and A. McAuley, 175–190. Stuttgart: Franz Steiner Verlag.
- Morrison, J. S. 1996. Greek and Roman Oared Warships. Oxford: Oxbow.
- Morton, J., 2001. *The Role of the Physical Environment in Ancient Greek Seafaring*, Leiden and Boston: Brill.
- Moyer, I. 2011a. *Egypt and the Limits of Hellenism*. Cambridge: Cambridge University Press.
- Moyer, I. 2011b. "Court, Chora and Culture in Late Ptolemaic Egypt." AJPh 132: 15-44.
- Mueller, K. 2006. Settlements of the Ptolemies: City Foundations and New Settlement in the Hellenistic World (Studia Hellenistica 43). Leuven: Peeters.
- Müller, C. 2012. "Panticapée, Polis et Capitale: la Place des Cités dans le Royaume du Bosphore, de Spartakos I à Mithridate VI." In *Communautés Locales et Pouvoir Central Dans l'Orient Hellénistique et Romain (Études Anciennes 47)*, edited by C. Feyel, J. Fournier, L. Graslin-Thomé, and F. Kirbihler, 130–160. Nancy: ADRA.
- Murray, W. M. 2001. "A Trireme Named Isis: The Sgraffito From Nymphaion." *International Journal of Nautical Archaeology* 30.2: 250–256.
- Murray, W. M. 2002. "Observations on the "Isis Scrafitto" at Nymphaion." In *Proceedings* of the 7th International Symposium on Ship Construction in Antiquity, Pylos 1999, edited by H. Tzalas, 539–561. Athens: Hellenic Institute for the Preservation of Nautical Tradition.
- Murray, W. M. 2012. *The Age of the Titans: The Rise and Fall of the Great Hellenistic Navies*. Oxford and New York: Oxford University Press.

O'Neil, J. L. 2006. "Places of Origin of the Officials of Ptolemaic Egypt." *Historia* 55.1: 16–25.

- O'Neil, J. L. 2008. "A Re-Examination of the Chremonidean War," In *Ptolemy II Philadelphus and His World (Mnemosyne Supplement 300*), edited by P. McKechnie and P. Guillaume, 65–89. Leiden and Boston: Brill.
- Palagia, O. 2013. "Aspects of the Diffusion of Ptolemaic Portraiture Overseas." In *The Ptolemies, the Sea and the Nile: Studies in Waterborne Power*, edited by K. Buraselis, M. Stefanou, and D. J. Thompson, 143–159. Cambridge: Cambridge University Press.
- Papantoniou, G. 2009. "Revisiting' Soloi-Cholades: Ptolemaic power, Religion and Ideology." In Actes du Colloque « Chypre à l'époque hellénistique et impériale » Recherches récentes et nouvelles découvertes. Université Paris Ouest-Nanterre et Institut National d'Histoire de l'Art, Nanterre-Paris 25–26 septembre 2009 (Centre d'Études Chypriotes Cahier 39), edited by A.-M. Guimier-Sorbets and D. Michaelidès, 271–287. Paris: De Boccard.
- Papantoniou, G. 2012. Religion and Social Transformations in Cyprus: From the Cypriot Basileis to the Hellenistic Strategos (Mnemosyne Supplements 347). Leiden and Boston: Brill.
- Peremans, W., and E. van 't Dack. 1956. *Over de Buitenlandse Bezitting van de Lagiden*. Brussels: Koninklijke Academie voor Wetenschappen, Letteren en Schone Kunsten.
- Petrovic, I. 2014. "Posidippus and Achaemenid Royal Propaganda." In *Hellenistic Studies at a Crossroads: Exploring Texts, Contexts and Metatexts*, edited by R. Hunter, A. Rengakos, E. E. Sistakou, 273–300. Berlin: De Gruyter.
- Pfeiffer, S. 2010. "Der eponyme Offizier Tubias. Ein lokaler Vertreter der ptolemäischen Herrschaft in Transjordanien." *Archiv für Papyrusforschung* 56: 242–257.
- Pfeiffer, S. 2011. "Die Familie des Tubias: Eine (trans-)lokale Elite in Transjordanien." In Lokale Eliten und hellenistische Könige. Zwischen Kooperation und Konfrontation (Oikumene 8), edited by B. Dreyer and P. F. Mittag, 191–215. Stuttgart: Verlag Antike.
- Pfrommer, M. 1999. *Alexandria. Im Schatten der Pyramiden.* Mainz am Rhein: Philipp von Zabern.
- Plantzos, D. 2011. "The Iconography of Assimilation: Isis and Royal Imagery on Ptolemaic Seal Impressions". In *More than Men, Less than Gods: Studies on Royal Cult and Imperial Worship. Proceedings of the International Conference organized by the Belgian School at Athens, 1–2 November 2007 (Studia Hellenistica 51*), edited by P. Iossif, A. S. Chankowski, and C. C. Lorber, 389–416. Leuven: Peeters.
- Préaux, C. 1952. "Sur les Communications de l'Éthiopie avec l'Égypte Hellénistique." Chronique d'Égypte 27: 257–281.
- Prontera, F. 2013. "Timosthenes and Eratosthenes: Sea Routes and Hellenistic Geography." In *The Ptolemies, the Sea and the Nile: Studies in Waterborne Power*, edited by K. Buraselis, M. Stefanou, and D. J. Thompson, 207–217. Cambridge: Cambridge University Press.

- Rathmann, M. 2016. "Das Meer bei den antiken Geographen." In *Seemacht, Seeherrschaft und die Antike (Historia Einzelschriften 244*), edited by E. Baltrusch, H. Koppel and C. Wendt, 47–77. Stuttgart: Franz Steiner Verlag.
- Reger, G. 1994. "The Political History of the Kyklades, 260–200 B.C." Historia 43.1: 32–69.
- Rostovtzeff, M. 1941. *The Social and Economic History of the Hellenistic World*. Volume 1. Oxford: Oxford University Press.
- Rowlandson, J. 2008. "The Character of Ptolemaic Aristocracy: Problems of definition and evidence." In *Jewish Perspectives on Hellenistic Rulers*, edited by T. Rajak, S. Pearce, J. Aitken, and J. Dines, 29–49. Berkeley and Los Angeles: University of California Press.
- Salles, J.-F. 2005. "La Péninsule Arabique dans l'Organisation des Échanges du Royaume Séleucide." In *Le Roi et l'Économie. Autonomies Locales et Structures Royales dans l'Économie de l'Empire Séleucide*, edited by V. Chankowski and F. Duyrat, 545–570. Paris: Maison de l'orient méditerranéen.
- Scheuble-Reiter, S. 2012. *Die Katökenreiter im ptolemäischen Ägypten*. München: C. H. Beck.
- Schrapel, T. 1996. Das Reich der Kleopatra. Quellenkritische Untersuchungen zu den "Landschenkungen" Mark Antons (Trierer Historische Forschungen 34). Trier: Verlag THF.
- Schwartz, D. R. 1998. "Josephus' Tobiads: Back to the 2nd Century?" In Jews in a Graeco-Roman World, edited by M. Goodman, 47–61. Oxford: Oxford University Press.
- Scullard, H. H. 1974. *The Elephant in the Greek and Roman World*. Ithaca, NY: Cornell University Press.
- Seland, E. H. 2016. "The Periplus of the Erythraean Sea: A Network Approach." *Asian Review of World Histories* 4.2: 191–205.
- Sherwin-White, S. M. 1978. *Ancient Cos: An Historical Study from the Dorian Settlement to the Imperial Period*. Göttingen: Vandenhoeck & Ruprecht.
- Sidebotham, S. E. 2011. *Berenike and the Ancient Maritime Spice Route*. Berkeley and Los Angeles: University of California Press.
- Sidebotham, S. E. 2012. "The Red Sea and Indian Ocean in the Age of the Great Empires." In *A Companion to the Archaeology of the Ancient Near East*, edited by D. T. Potts, 1041–1059. Malden and Oxford: Wiley-Blackwell.
- Stanzl, G. 2003. "Das Ptolemaion von Limyra. Vom Entstehen eines antiken Bauwerks." *Ancient World* 1: 3–14.
- Starr, C. G. 1989. *The Influence of Sea Power on Ancient History*. Oxford and New York: Oxford University Press.
- Stefanou, M. 2013. "Waterborne Recruits: The Military Settlers of Ptolemaic Egypt." In *The Ptolemies, the Sea and the Nile: Studies in Waterborne Power*, edited by K. Buraselis, M. Stefanou, and D. J. Thompson, 108–131. Cambridge: Cambridge University Press.

Stephens, S. A. 2003. *Seeing Double: Intercultural Poetics in Ptolemaic Alexandria*. Berkeley and Los Angeles: University of California Press.

- Strootman, R. 2007. *The Hellenistic Royal Courts: Court Culture, Ceremonial and Ideology in Greece, Egypt and the Near East, 336–30 BCE.* PhD Dissertation: University of Utrecht.
- Strootman, R. 2010a. "Queen of Kings: Cleopatra VII and the Donations of Alexandria." In *Kingdoms and Principalities in the Roman Near East (Occidens et Oriens 19*), edited by M. Facella and T. Kaizer, 139–158. Stuttgart: Franz Steiner Verlag.
- Strootman, R. 2010b. "Literature and the Kings." In *A Companion to Hellenistic Literature*, edited by J. Clauss and M. Cuijpers, 30–45. Malden, MA, and Oxford: Wiley-Blackwell.
- Strootman, R. 2011a. "Kings and Cities in the Hellenistic Age." In *Political Culture in the Greek City After the Classical Age (Groningen-Royal Holloway Studies on the Greek City After the Classical Age 2*), edited by R. Alston, O. van Nijf and C. Williamson, 141–153. Leuven: Peeters.
- Strootman, R. 2011b. "Alexandrië: een Wereldstad." In *Alexandrië (Lampas 44.4)*, edited by C. de Jonge, R. Strootman, and R. M. van den Berg, 292–310. Hilversum: Verloren, 2011.
- Strootman, R. 2013. "Babylonian, Macedonian, King of the World: The Antiochos Cylinder from Borsippa and Seleukid Imperial Integration." In *Shifting Social Imaginaries in the Hellenistic Period: Narrations, Practices, and Images (Mnemosyne Supplements* 363), edited by E. Stavrianopoulou, 67–97. Leiden and Boston: Brill.
- Strootman, R. 2014a. "Hellenistic Imperialism and the Idea of World Unity." In *The City in the Classical and Post-Classical World: Changing Contexts of Power and Identity*, edited by C. Rapp and H. Drake, 38–61. Cambridge: Cambridge University Press.
- Strootman, R. 2014b. "'Men to Whose Rapacity Neither Sea Nor Mountain Sets a Limit': The Aims of the Diadochs." In *The Age of the Successors and the Creation of the Hellenistic Kingdoms* (323–276 B.C.) (*Studia Hellenistica 53*), edited by H. Hauben and A. Meeus, 307–322. Leuven: Peeters.
- Strootman, R. 2014c. "The Dawning of a Golden Age: Images of Peace and Abundance in Alexandrian Court Poetry in the Context of Ptolemaic Imperial Ideology." In *Hellenistic Poetry in Context. Tenth International Workshop on Hellenistic Poetry, Groningen 25th-27th August 2010 (Hellenistica Groningana 10)*, edited by M. A. Harder, R. F. Regtuit, and G. C. Wakker, 325–341. Leuven: Peeters.
- Strootman, R. 2014d. *Courts and Elites in the Hellenistic Empires: The Near East After the Achaemenids, 330–30 BCE (Studies in Ancient Persia 1).* Edinburgh: Edinburgh University Press.
- Strootman, R. 2017a. The Birdcage of the Muses: Patronage of the Arts and Sciences at the Ptolemaic Imperial Court, 305–222 BCE (Interdisciplinary Studies in Ancient Culture and Religion 17). Leuven: Peeters.

- Strootman, R. 2017b. "Eunuchs, Renegades and Concubines: The 'Paradox of Power' and the Promotion of Favorites in the Hellenistic Empires." In *The Hellenistic Court: Monarchic Power and Elite Society From Alexander to Cleopatra*, edited by A. Erskine, L. Llewellyn-Jones, S. Wallace, 121–42. Swansea: The Classical Press of Wales.
- Strootman, R. 2019a. "Antiochos IV and Rome: The Festival at Daphne (Syria), the Treaty of Apameia and the Revival of Seleukid Expansionism in the West." In *Rome and the Seleukid East: Select Papers From Seleukid Study Day V, Université Libre de Bruxelles, 21–23 Aug. 2015*, edited by A. Coşkun and D. Engels, 173–215. Brussels: Éditions Latomus.
- Strootman, R. 2019b. "'To be Magnanimous and Grateful': The Entanglement of Cities and Empires in the Hellenistic Aegean." In *Benefactors and the Polis: Origins and Development of the Public Gift in the Greek Cities. From the Homeric World to Late Antiquity*, edited by M. Domingo-Gygax and A. Zuiderhoek, 164–215. Cambridge: Cambridge University Press.
- Tarn, W. W. 1913. Antigonus Gonatas. London: The Clarendon Press.
- Thompson, D. J. 1988. *Memphis under the Ptolemies*. Princeton, NJ: Princeton University Press.
- Thompson, D. J. 2011. "Ethnic Minorities in Hellenistic Egypt." In *Political Culture in the Greek City After the Classical Age (Groningen-Royal Holloway Studies in the Greek City After the Classical Age* 2), edited by R. Alston, O. M. van Nijf, and C. Williamson, 101–118. Leuven: Peeters.
- Tilly, C. 1990. Coercion, Capital, and European States, AD 900–1990. Cambridge, MA, Oxford, New York: Blackwell.
- Török, L. 1997. *The Kingdom of Kush. Handbook of the Napatan-Meroitic Civilization*. Leiden and Boston: Brill.
- Török, L. 2011. *Hellenizing Art in Ancient Nubia, 300 B.C.-AD 250 and its Egyptian Models: A Study in 'Acculturation'*. Leiden and Boston: Brill.
- Vandorpe, K. 2014. "The Ptolemaic Period." In *A Companion to Ancient Egypt*, edited by A. B. Lloyd, 159–179. Malden and Oxford: Wiley-Blackwell.
- van Oppen, B. F. 2015a. "Magas, Apame, and Berenice II." In: *Berenice II Euergetis: Essays in Early Hellenistic Queenship*. New York: Palgrave MacMillan, 2015.
- van Oppen, B. F. 2015b. "The Marriage of Eirene and Eunostus of Soli: An Episode in the Age of the Successors." *Athenaeum* 103.2: 458–476.
- van 't Dack, E., and H. Hauben. 1978. "L'apport égyptien à l'armée navale lagide." In *Das ptolemäischen Ägypten. Akten des internationalen Symposions, Berlin, 27.-29. September 1976*, edited by H. Maehler and V. M. Strocka, 59–93. Mainz am Rhein: Philipp von Zabern.
- Véïsse, A.-E. 2004. Les 'Révoltes Égyptiennes': Recherches sur les Troubles Intérieurs en Égypte du Règne de Ptolémée III à la Conquête Romaine (Studia Hellenistica 41). Leuven: Peeters.

Véïsse, A.-E., and S. Wackenier eds. 2014. L'Armée en Égypte aux Époques Perse, Ptolémaïque et Romaine (Hautes études du monde gréco-romain 51). Genève: Librairie DROZ.

- Vinogradov, Y. G. 1999. "Der Staatsbesuch der 'Isis' im Bosporos." ACSS 5.3-4: 271-302.
- Vinogradov, Y. G., and Zolotarev, M. I. 1999. "Worship of Sacred Egyptian Triad in Chersonesus (Crimea)." ACSS 5.4: 357–381.
- von Reden, S., 2010. "Kulturbegegnung und wirtschaftliche Transformation in den ersten Generationen ptolemäischer Herrschaft." In *Alexandreia und das ptolemäische Ägypten Kulturbegegnungen in hellenistischer Zeit*, edited by G. Weber, 30–54. Berlin: Verlag Antike.
- Wallace, S. 2012. "Spartokids." In *The Encyclopedia of Ancient History*, edited by R. S. Bagnall *et al.*, 41–42. Malden, MA, Oxford, New York: Wiley-Blackwell.
- Weber, G. 2012. "Mächtige Könige und mächtige Priester? Kommunikation und Legitimation im ptolemäischen Ägypten." In *Zwischen Antike und Moderne. Festschrift für Jürgen Malitz zum 65. Geburtstag*, edited by A. Hartmann and G. Weber, 97–118. Speyer: Kartoffeldruck-Verlag.
- Wenzel, D. 2005. Kleopatra im Film. Eine Königin Ägyptens als Sinnbild für orientalische Kultur (Filmstudien 33). Remscheid: Gardez! Verlag.
- Wiemer, H.-U. 2002. Krieg, Handel und Piraterei. Untersuchungen zur Geschichte des hellenistische Rhodos (Berlin: De Gruyter, 2002).
- Will, É. 1979. Histoire Politique du Monde Hellénistique (323–30 av. J.-C.). Tome I: De la mort d'Alexandre aux avènements d'Antiochos III et de Philippe V. Nancy: Faculté des Lettres et Sciences Humaines.
- Will, É. 1984. "The Succession to Alexander." In *The Cambridge Ancient History. Volume* 7.1: *The Hellenistic Age*, edited by F. W. Walbank, 23–61. Cambridge: Cambridge University Press.
- Will, É. 1986. "Pour une 'Anthropologie Colonial' du Monde Hellénistique." In *The Craft* of the Ancient Historian: Essays in Honor of Chester G. Starr, edited by W. J. Eadie and J. Ober, 273–301. Lanham, MD: University Press of America.
- Winter, E. 2011. "Formen ptolemäischer Präsenz in der Ägäis zwischen schriftlicher Überlieferung und archäologischem Befund." In *Militärsiedlungen und Territorialherrschaft in der Antike (Topoi 3)*, edited by F. Daubner, 65–77. Berlin and New York: De Gruyter.
- Zayadine, F. 2005. "Le grand domaine des Tobiades et la politique économique des Lagides et des Séleucides." In *Le roi et l'économie (Topoi Supplément 6*), edited by V. Chankowski and F. Duyrat, 267–290. Paris: De Boccard.