**Catalogue of ancient ports & harbours in the Black Sea area**

**Catalogue des abris & ports antiques en Mer Noire**

**Arthur DE GRAAUW**ARTELIA, Director Port Revel Shiphandling

**Résumé -** Un ‘havre’ est un endroit où les bateaux peuvent trouver un abri. Dans le concept d’abri il faut inclure les mouillages, les plages sur lesquelles les bateaux peuvent être halés, et les ports avec des infrastructures. Même si les marins de l’antiquité pouvaient parcourir 50 à 100 miles nautiques par jour, il était important de connaitre les abris sûrs dans un rayon de deux à trois heures de navigation ; c’est-à-dire environ 10 miles nautiques. Un total d’au moins 300 abris était donc nécessaire pour une navigation sûre autour de la Mer Noire et de la Mer d’Azov. Cet article présente une liste et une carte de plus de 400 abris et ports antiques dans la région de la Mer Noire, de la Mer d’Azov, de la Mer Marmara et du Bosphore, et conclut que des ports antiques sont sans doute encore à découvrir en Ukraine et en Russie méridionale.

**Abstract** - A ‘harbour’ is a place where ships can seek shelter. The concept of ‘shelter’ has to include anchorages, landing places on beaches, and ports with infrastructures. Even though ancient seafarers could sail 50 to 100 nautical miles in a day, it was important to know where they could find safe shelter within two to three hours of navigation, i.e. only approx. 10 miles. For safe sailing, a total of at least 300 shelters was hence required around the Black Sea and Azov Sea. This paper presents a list and map of over 400 known ancient ports and harbours in the Black Sea, Azov Sea, Marmara Sea and Bosphorus, and concludes that ancient ports are probably still to be found in Ukraine and southern Russia.

1. **METHODOLOGY**

A ‘harbour’ is a place where ships can seek shelter. The concept of ‘shelter’ has to include anchorages, landing places on beaches, and ports including structures such as access channels, breakwaters, jetties, landing stages, quays, warehouses for storing of commodities and equipment, shipsheds and slipways. Shelters of interest include all places which may have been used by seafarers sailing over long distances. This means that shelters the likes of local fishermen, who may have landed their boats on the beach in front of their homes, are of less interest. In another limitation, only maritime harbours and some river ports that could be reached by deep-sea ships are considered.

This paper presents work done to collect, identify and locate ancient harbours and ports. It is based on a study of existing documentation, i.e. on the writings of 66 ancient authors and a few modern authors, incl. the Barrington Atlas.
The ancient authors are usually historians, philosophers or poets, but for this work the geographers retained most of our attention: Strabo, Pausanias, Pliny the Elder, Ptolemy, Avienus, Mela and others, some anonymous, who tell about their journeys like ‘Antonine’, ‘Scylax’, ‘Scymnos’, Pythias, Hanno, Odysseus, Aeneas, Jason, Arrian in the Black Sea. In addition to ports mentioned by ancient authors, some ports have been included as mentioned by modern authors: Karl Lehmann-Hartleben (1923), Honor Frost (1963), David Blackman (1982 & 2014), Talbert’s Barrington Atlas (2000), Nic Flemming (1986), Getzel Cohen (1995 & 2006), Micha Tiverios (2008), and Helen Dawson (2013).

In a first stage, only ports were listed that are explicitly mentioned by each ancient author (portus, navale, statio). Cities where the presence of a port was known from other sources were not attributed to an author who mentions the city but does not mention the port. This limitation was certainly questionable as one cannot imagine coastal cities/villages without at least a minimal shelter for boats. It was therefore decided to include all sites mentioned by the authors of the Periplus such as Stadiasmus, Antonine, Arrian and Marcian who were sailing ships and for whom one might consider that all places they mention are harbours. Furthermore, it was considered that all coastal sites mentioned in the Barrington Atlas must have had a shelter and they were included too.

1. **RESULTS**

The result of this work is a list of over 3400 ancient ports and shelters that are scattered mainly around the Mediterranean Sea, but also in the North Sea, in the Atlantic Ocean, in the Red Sea and the Gulf and in the Indian Ocean.

Fig. 1 shows over 400 known ancient ports and harbours in the Black Sea area. A detailed list of all of them is included hereafter in a clockwise rotation from Enez to Kumkale, with their latitude and longitude coordinates.

1. **ANALYSIS**

Ancient seafarers often used beaches to land their ships on. It may be noted that a 37 m military trireme with 170 ‘strong’ oarsmen could be hauled on the beach if the slope was mild enough, say no more than 1:7 (about 15%) which was also a maximum for slipways (Blackman, 2014). This requires sand of a certain grain size (Komar, 1998): the very fine sands (or silts) found in large deltas yield a very flat slope which keeps ships far from land. Conversely, a shingle beach has a steep slope that is dangerous for landing ships on.

During military expeditions, 200 people had to be fed on board triremes. It was impossible for masters to fill their ships with tons of food. In the absence of ports, ship pilots had to find places with a degree of shelter where drinking water could be found, and river estuaries could provide both. The Stadiasmus is an example of a collection of such knowledge, and can be considered as the ancestor of medieval portolans and modern nautical instructions.

Commercial ships obviously preferred sheltered creeks with clear landmarks on shore (such as a typical mountain). Many shelters were needed, as seafarers often followed the coast, using safe shelters to stop overnight and escape bad weather. Even though they could sail 50 to 100 nautical miles in a day, it was important to know where they could find safe shelter within two to three hours of navigation; i.e. only approx. 10 miles. With the length of the Black Sea and Azov Sea coast being approx. 5800 km (acc. to Black Sea NGO Network, [bsnn.org/black\_sea.html](file:///D%3A%5CArthur%5CArch%C3%A9ologie%5CArcheo%5CEtudes%5CBlackSeaPorts%5Cbsnn.org%5Cblack_sea.html)) i.e. a little over 3 000 nautical miles, as an order of magnitude, they would hence have required a total of at least 300 shelters around the Black Sea and Azov Sea, which is fairly close to the 273 places found so far.

Many of these sheltered creeks still exist today, but large changes have occurred in some places:

* crustal movements which explain why some ancient ports are buried under modern ports;
* a eustatic sea level rise of 0.30 to 0.50 m over the past 2000 years (see Nic Flemming, 1986 and Morhange, 2014);
* seismic events inducing tsunamis which devastated adjacent coastal areas;
* river estuaries usually tend to silt up, as rivers carry most of the materials that create beaches, and this explains why some ancient ports are now so far from the sea (e.g. Danube and Don deltas) or have simply filled up with sand (Anthony, 2014);
* in some large cities the ‘old port’ has been reclaimed to create a new waterfront area (e.g. Varna, Mangalia, Constanza);
* beaches are subject to sedimentation and erosion by wave action, and the latter explains why some ancient ports were lost to the sea.

It should be noted also that ports mentioned here have been collected from texts of various dates ranging from 500 BC (except for Homer) and 500 AD (with a few exceptions), that is 1000 years. The various authors have not seen the same things ... and some authors have just repeated what others wrote before them!

1. **CONCLUSION**

Even though the total number of shelters is fairly close to a safe number of one every 10 nautical miles, it can be seen from Fig. 1 that many ancient harbours probably still remain to be found on the northern coasts of the Black Sea and in the Azov Sea, in Ukraine and in Russia.
Some candidates might be suggested as they seem to provide some shelter from a nautical point of view, to provide fresh water, and to be at a reasonable distance from each other and other known ancient ports:

* from Crimea to Marioupol: Melitopol, Prymorsk, Berdiansk, Yalta (Belosarayskaya),
* from Novorossiysk to Sokhumi: Krinitsa, Dzhubga, Olginka, Ashe, Lazarevskoye, Golovinka, Gudauta (R. Hypsta),
* On the main rivers: Dniepr, Don

Some of these candidates may be recognised by some expert as ancient harbours already known to him and the present author will be delighted to hear about that. However, some of them might require more attention from historians and archaeologists to find out if they were indeed ancient settlements.

The Catalogue of Ancient Ports & Harbours tries to be exhaustive, but is most probably not. This list must be seen as an uncompleted collection and the geolocation is sometimes a bit speculative. This work needs to be corrected and completed. So, do not hesitate to contact the author for any suggestions.

**Bibliography**

ANTHONY, E. & MARRINER, N. & MORHANGE, C., (2014), *Human influence and the changing geomorphology of Mediterranean deltas and coasts over the last 6000 years: From progradation to destruction phase?* Elsevier, Earth-Science Reviews, Vol. 139 (2014) (pp 336–361).
<https://www.academia.edu/9094497/Human_influence_and_the_changing_geomorphology_of_Mediterranean_deltas>

BLACKMAN, D., (1982), *Ancient harbours in the Mediterranean*, International Journal of Nautical Archaeology and Underwater Exploration, 11.2 (pp 79-104) and 11.3 (pp 185-211).
<http://www.worldcat.org/title/international-journal-of-nautical-archaeology-and-underwater-exploration/oclc/1037043>

BLACKMAN, D. & RANKOV, B., (2014), *Shipsheds of the Ancient Mediterranean*, Cambridge University Press, eds. D. Blackman and B. Rankov, 617 p.
<http://www.cambridge.org/gb/academic/subjects/archaeology/classical-archaeology/shipsheds-ancient-mediterranean>

CARAYON, N., (2008), *Les ports phéniciens et puniques*, Université de Strasbourg II, Thèse soutenue le 17/5/2008, 1384 p.
<http://tel.archives-ouvertes.fr/docs/00/28/32/10/PDF/3vol.pdf>

CASTELLI, T. (2014), web site *Spartokos a lu* providing news on Black Sea archaeology
<http://spartokos.wordpress.com/>

COHEN, G., (1995), *The Hellenistic settlements in Europe, the islands and Asia Minor*, University of California Press, 481 p.
<http://openlibrary.org/works/OL3956043W/The_Hellenistic_settlements_in_Europe_the_islands_and_Asia_Minor>

COHEN, G., (2006), *The Hellenistic settlements in Syria, the Red Sea basin and North Africa,* University of California Press, 501 p.
<http://openlibrary.org/works/OL3956044W/The_Hellenistic_settlements_in_Syria_the_Red_Sea_Basin_and_North_Africa>

DAWSON, H., (2013), *Mediterranean Voyages - The Archaeology of Island Colonisation and Abandonment*, Left Coast Press, Walnut Creek, California, 324 p.
<https://www.academia.edu/648932/Mediterranean_Voyages_-_The_Archaeology_of_Island_Colonisation_and_Abandonment>

DE GRAAUW, A., (2014), *Ancient Ports and Harbours, The Catalogue*, 4th ed., Port Revel, 233 p.
<http://www.ancientportsantiques.com/wp-content/uploads/pdf/AncientPortsVol-I-List.pdf>

FLEMMING, N. & WEBB, C., (1986), *Tectonic and eustatic coastal changes during the last 10 000 years derived from archaeological data*, Z. Geomorph. N.F, Suppl. Bd 62, Berlin, pp 1-29.
<http://www.ancientportsantiques.com/wp-content/uploads/pdf/Flemming-1986.pdf>

FROST, H., (1963), *Under the Mediterranean, Marine antiquities*, Routledge and Kegan Paul Ltd, London, 278 p.
[http://openlibrary.org/works/OL6881397W/Under\_the\_Mediterranean ?](http://openlibrary.org/works/OL6881397W/Under_the_Mediterranean%20?%20)

KOMAR, P., (1998), *Beach processes and sedimentation,* 2nd ed., Prentice Hall, 544 p.

LEHMANN-HARTLEBEN, K., (1923), *Die antiken Hafenanlagen des Mittelmeeres*, Klio, Beihefte 14, 304 p.
<http://www.ancientportsantiques.com/wp-content/uploads/pdf/Lehmann-Hartleben-1923.pdf>

MORHANGE, C., (2014), *Ports antiques et variations relatives du niveau marin*, Géochronique n°130, p 21-24.
<https://www.academia.edu/8491034/Ports_antiques_et_variations_relatives_du_niveau_marin>

TALBERT, R., (2000), *Barrington atlas of the Greek and Roman World*, Princeton University Press, 148 p.
[http://openlibrary.org/works/OL8327792W/Barrington\_Atlas\_of\_the\_Greek\_and\_Roman\_World\_(with\_Map-by-Map\_Directory\_on\_CD-ROM)](http://openlibrary.org/works/OL8327792W/Barrington_Atlas_of_the_Greek_and_Roman_World_%28with_Map-by-Map_Directory_on_CD-ROM%29)

TIVERIOS, M., (2008), *Greek colonization of the Northern Aegean*, Brill, Leiden, 585 p.
<https://www.academia.edu/9570535/Greek_Colonisation_of_the_Northern_Aegean_2008>

**Main ancient authors on Black Sea ports:**

STRABO (ca. 65 BC – 25 AD), Geography

PLINY the ELDER (23 – 79 AD), *Natural History*

ARRIAN (95 – 175 AD), *Periplus Ponti Euxini*

MARCIAN of HERACLEA (5th century AD), *Periplus Maris Exteri*

***Entrées d’index***

Mot-clés: havre antique, abri antique, port antique

Keywords: ancient harbour, ancient shelter, ancient port

Geographique : Black Sea, Azov Sea, Marmara Sea, Bosphorus

***Notes de l’auteur***

I am very grateful to the reviewers for their help in improving this paper.

***Droits d’auteur***

Tous droits réservés

***A propos de l’auteur***

Arthur de Graauw is the director of ARTELIA’s Port Revel Shiphandling training centre. He has compiled a list of ancient ports and harbours with latitude/longitude positioning, based on 66 ancient authors and some modern authors. This Catalogue of Ancient Ports contains over 3400 places. It can be viewed on:
[www.AncientPortsAntiques.com](http://www.AncientPortsAntiques.com) , and is bound to need further adjustment as some unknowns remain, such as ports that have disappeared and cities yet to be located precisely.

**Figure 1 – Ancient ports and harbours in the Black Sea area**

273 places on the Black Sea and Azov Sea &
151 places on the Marmara Sea and Bosphorus



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ANCIENT NAME** | **MODERN NAME** | **COUNTRY** | **LATIT.** | **LONGIT.** |
| port of Stentor  | near Enez | Turkey: Marmara | 40.70709 | 26.031697 |
| Ainos, Annos, Enus  | Enez | Turkey: Marmara | 40.698253 | 26.034148 |
| Cypasis, Deris  | near Kocaçeşme | Turkey: Marmara | 40.634661 | 26.775883 |
| Kypasis  | near Evreşe | Turkey: Marmara | 40.620107 | 26.812547 |
| Kobrys  | near Kavakköy | Turkey: Marmara | 40.585334 | 26.826738 |
| Kardia, Cardia  | North of Bolayir | Turkey: Marmara | 40.551552 | 26.753546 |
| Ide  | near Güneyli | Turkey: Marmara | 40.510926 | 26.687336 |
| Paeon  | near Lejtepe | Turkey: Marmara | 40.509323 | 26.637445 |
| Limnae Eion  | Drabos, Ece Limani ? | Turkey: Marmara | 40.367735 | 26.328235 |
| Alopekonnesos  | near Küçükanafarta | Turkey: Marmara | 40.293962 | 26.235822 |
| Imbros | Kaleköy, on the island Gökçeada, Imbros, Imvros | Turkey: Marmara | 40.238758 | 25.889695 |
| Araplus  | near Kabatepe | Turkey: Marmara | 40.213135 | 26.272296 |
| Elaious, Elaeus, Elea, Eléonte  | Abide, Mortolimani, at the southern tip of Chersonèse, Chersonesos | Turkey: Marmara | 40.048871 | 26.211569 |
| Cynossema  | Kilitbahir | Turkey: Marmara | 40.152048 | 26.381764 |
| Madytos, Maitos  | Eceabat | Turkey: Marmara | 40.182081 | 26.365305 |
| Coelos, Coela  | creek of Kilya, North of Eceabat | Turkey: Marmara | 40.200159 | 26.36253 |
| Sestos  | 8 km NE of Eceabat | Turkey: Marmara | 40.227442 | 26.430652 |
| Aigospotamos, R Aegos-Potamas  | near Bayirköy | Turkey: Marmara | 40.326605 | 26.599782 |
| Kressa  | Kressa  | Turkey: Marmara | 40.36042 | 26.632606 |
| Krithote  | Krithote  | Turkey: Marmara | 40.398533 | 26.645759 |
| Callipolis  | Gelibolu, at the northern entrance of the Dardanelles straits | Turkey: Marmara | 40.410776 | 26.688386 |
| Pactya  | Pactya  | Turkey: Marmara | 40.480284 | 26.777734 |
| Lysimacheia, Hexamilion | near Ortaköy | Turkey: Marmara | 40.532766 | 26.901169 |
| Tiristasis  | Sarköy | Turkey: Marmara | 40.604283 | 27.110716 |
| Harakleia, Héraclée, Neapolis  | Eriklice, in the Sea of Marmara | Turkey: Marmara | 40.634122 | 27.18777 |
| Myriophytum  | Mürefte | Turkey: Marmara | 40.666361 | 27.250049 |
| Ganos, Serreion Teichos  | Gaziköy | Turkey: Marmara | 40.750093 | 27.338415 |
| Panion, Theodosiopolis  | near Barbaros, 10 km South of Tekirdag | Turkey: Marmara | 40.902143 | 27.474058 |
| Bisanthe, Rhaedestos, Rodosto  | Tekirdag | Turkey: Marmara | 40.965959 | 27.518727 |
|  | Değirmenaltı  | Turkey: Marmara | 40.977978 | 27.562311 |
| Mocasura  | near Gazioglu | Turkey: Marmara | 40.990336 | 27.640044 |
| port of Heraion-Teikhos  | near Karaevli | Turkey: Marmara | 41.008387 | 27.739357 |
| Perinthus, Périnthe, Heraklea  | in the Sea of Marmara | Turkey: Marmara | 40.974017 | 27.970143 |
| Daunion Teichos  | Sultanköy | Turkey: Marmara | 41.016316 | 28.000019 |
| Selymbria, Eudoxiopolis  | Silivri, in the Sea of Marmara | Turkey: Marmara | 41.07058 | 28.230348 |
| Callum  | near Celaliye | Turkey: Marmara | 41.038568 | 28.412015 |
| Athyras  | near Büyükçekmece | Turkey: Marmara | 41.00751 | 28.579633 |
| Rhegion  | near Küçükçekmece | Turkey: Marmara | 40.974858 | 28.766643 |
| Bathonae, with ancient lighthouse | Avcilar, on Lake Küçükçekmece 20 km West of Istanbul | Turkey: Marmara | 41.034128 | 28.736202 |
| Hebdomon  | near the racecourse | Turkey: Marmara | 40.973634 | 28.885613 |
| Strongylion, Kyklobion  | near Zeytinburnu | Turkey: Marmara | 40.9828435 | 28.9079133 |
| Byzantium, Byzance, Bosphore  | Istanbul | Turkey: Bosphorus | 40.988729 | 28.958939 |
| Byzantium, Byzance: Port under the baths of Arcadius (Port of Eleuterion, also called port of Caesar and port of Theodosius) | Yenikapi, discovered in 2004 | Turkey: Bosphorus | 41.0058 | 28.951804 |
| Byzantium, Byzance: Port of Kontoskalion  | Kumkapi | Turkey: Bosphorus | 41.001491 | 28.964694 |
| Byzantium, Byzance: port of Iulianou, Julien, also called port of Sophia  |  | Turkey: Bosphorus | 41.000706 | 28.971333 |
| Byzantium, Byzance: Port of Bucoleon  | Bukoleon Sarayi, probably built by Justinien I in the 6th century, beneath the Palace of Bucoleon built by Theodosius II in the 5th century | Turkey: Bosphorus | 41.000393 | 28.974338 |
| Byzantium, Byzance: Port of Phosphorion, Bosphorion, Bosporios | in the Golden Horn | Turkey: Bosphorus | 41.0181 | 28.97943 |
| Byzantium,  | in the Golden Horn | Turkey: Bosphorus | 41.018412 | 28.974672 |
| Port du Figuier | 1 km North of Byzantium, Byzance | Turkey: Bosphorus | 41.027366 | 28.989457 |
| S. Mamas  | near the palace of Dolmabahçe | Turkey: Bosphorus | 41.035059 | 28.999186 |
| Iasonion  | near Çiragan | Turkey: Bosphorus | 41.039836 | 29.012492 |
| port of the Rhodiens, Rhodion Periboloi  | near Yildiz Park | Turkey: Bosphorus | 41.044082 | 29.023046 |
| Archeion  | near Ortaköy | Turkey: Bosphorus | 41.046097 | 29.0259 |
| Bythias  | near Kuruçesme | Turkey: Bosphorus | 41.055298 | 29.037353 |
| Port d’Esties, Anaplous ?  | near Besiktas ? | Turkey: Bosphorus | 41.063766 | 29.044552 |
| Chelai, Philemporos  | near Bebek | Turkey: Bosphorus | 41.076795 | 29.045854 |
| Pyrrhias Cyon  | near Rumeli Hisari | Turkey: Bosphorus | 41.087337 | 29.058124 |
| Phidalia Petra, Gynaikon limen, Port des Femmes ?  | near Baltalimani | Turkey: Bosphorus | 41.097731 | 29.056327 |
| Port Daphne, Port Lasthenis, Leostenion, Sosthenion  | Istinye. This port is located by Arrian at 40 stadia (7.5 km) South of Hieron (on the Asian side) and at 80 stadia (15 km) of Byzance, this leads to this nice creek of Istinye | Turkey: Bosphorus | 41.111075 | 29.059717 |
| Port des Vieillards  | Port Daphné ? | Turkey: Bosphorus | 41.112091 | 29.060607 |
| Neapolis, Comarodes ?  | near Yeniköy | Turkey: Bosphorus | 41.121137 | 29.072046 |
| Pitheci portus, port of Pitheeus  | near Bogaziçi | Turkey: Bosphorus | 41.131891 | 29.066613 |
| Pharmakia, Therapeia, Eudios Kalos  | Tarabya | Turkey: Bosphorus | 41.137915 | 29.057643 |
| Kalos Agros, Bathykolpos  | near Çayirbasi | Turkey: Bosphorus | 41.156561 | 29.038087 |
| Hieron Byzantion, port of Justinien front of Hieron Chalkedonion  | near Rumeli Kavagi | Turkey: Bosphorus | 41.183018 | 29.077336 |
| Chalcaea  | near Rumeli Kavagi | Turkey: Bosphorus | 41.186876 | 29.081309 |
| Phosphorus  | near Rumeli Kavagi | Turkey: Bosphorus | 41.194889 | 29.089103 |
| Ephesiorum portus, Ephesiates, port of the Ephesians  | Büyük Liman South of Garipçe | Turkey: Bosphorus | 41.204572 | 29.100896 |
| Lykiou limen, port of the Lycians, Myrileion  | North of Garipçe | Turkey: Bosphorus | 41.213013 | 29.111432 |
| Philia, Phrygia, Delcus, Derkos, Derkoi  | Durusu near Karaburun | Turkey: Black Sea | 41.348057 | 28.692336 |
| Scylla  | near Yaliköy | Turkey: Black Sea | 41.487231 | 28.307975 |
| Salmydessus, Salmydesse, Medea, Midya  | Kıyıköy | Turkey: Black Sea | 41.631992 | 28.0986 |
| Buaticum, Cape Thynias  | Limanköy, near Igneada | Bulgaria | 41.87762 | 28.030661 |
| Aulaeum, Aulaetichus, Avleuteichos, Agathopolis  | Ahtopol | Bulgaria | 42.099143 | 27.951729 |
|  | outlet of R Karaagasch  | Bulgaria | 42.224906 | 27.777205 |
| Perinthos  | Kiten | Bulgaria | 42.232857 | 27.780019 |
| Primorsko  | outlet of R Djavolska | Bulgaria | 42.262705 | 27.755799 |
| Tera  | Roman naval base in the bay of Paraskeva ? | Bulgaria | 42.321527 | 27.792529 |
| Chersonnesus, Chesonèse, Gersonosus, Tonzos  | outlet of R Ropotamo 10 km South of Apollonia | Bulgaria | 42.328197 | 27.754538 |
| Apollonia Pontica, with ancient lighthouse on isle of St Yvan | Sozopol | Bulgaria | 42.424361 | 27.692383 |
| Antheia | Atiya | Bulgaria | 42.448579 | 27.573028 |
|  | bay of Cenguene Skelja | Bulgaria | 42.449138 | 27.533746 |
|  | Tvardica on the South bank of Lake Mandra | Bulgaria | 42.414687 | 27.449732 |
|  | industrial area Kostadin Tchechma | Bulgaria | 42.38194 | 27.322793 |
| Deultum, Develton | Debelt on on the SW bank of Lake Mandra | Bulgaria | 42.387555 | 27.282161 |
|  | between the villages of Konstantinovo and Chernivrah | Bulgaria | 42.422256 | 27.335246 |
|  | Burgas, Pobeda, Sladkite Kladentsi | Bulgaria | 42.473929 | 27.449466 |
|  | between the airport and Lake Atanasovo | Bulgaria | 42.556161 | 27.493903 |
| Anchialos  | Pomorie | Bulgaria | 42.554287 | 27.621543 |
| Mesembria, Mesembrie, Menebria  | Nessebar | Bulgaria | 42.653381 | 27.735477 |
| Mt Haemus, Aristaeum  | Cape Emona | Bulgaria | 42.689078 | 27.904284 |
| Naulochos, Templum Iovis?  | near Obzor | Bulgaria | 42.82232 | 27.890664 |
|  | Shkorpilovtsi, at the outlet of R Kamchia  | Bulgaria | 43.019327 | 27.898019 |
| Erite, Ereta  | near Bliznatsi | Bulgaria | 43.085768 | 27.925967 |
| Galata  | Galata  | Bulgaria | 43.177713 | 27.91971 |
| Odessus  | Varna | Bulgaria | 43.204055 | 27.920788 |
| Gerania  | near Albena | Bulgaria | 43.354056 | 28.084006 |
| Krounoi, Crunos, Dionysopolis  | Balchik | Bulgaria | 43.403915 | 28.164406 |
| Bizone  | near Kavarna | Bulgaria | 43.405532 | 28.344595 |
| Tirizis  | near Cape Kaliakra | Bulgaria | 43.370204 | 28.45283 |
| Rousalka  | Rousalka  | Bulgaria | 43.413042 | 28.517872 |
| Yaila  | Yaila  | Bulgaria | 43.438001 | 28.550458 |
| Karon Limen, Port Carus  | near Shabla | Bulgaria | 43.538305 | 28.610005 |
|  | Limanu | Bulgaria | 43.803562 | 28.535589 |
|  | Albesti | Bulgaria | 43.796961 | 28.410275 |
| Callatis, Kallatis, Pangalia  | Mangalia | Romania | 43.811929 | 28.583472 |
| Tomis, Tomes | Constantza | Romania | 44.172187 | 28.662766 |
|  | Ovidiu | Romania | 44.240202 | 28.582393 |
|  | Capidava | Romania | 44.493695 | 28.09031 |
| Carsium | Harsova | Romania | 44.681627 | 27.952134 |
| Beroe | Piatra Frecatei | Romania | 44.895372 | 28.139512 |
| Histria, Istros, Ister  | Istria | Romania | 44.548725 | 28.775075 |
| Insula Lupilor | Sinoe | Romania | 44.62329 | 28.802835 |
| Argamu, Orgame  | Cape Dolosman between Lake Golovita and Lake Razim | Romania | 44.756104 | 28.941423 |
|  | Satu Nou | Romania | 44.948107 | 28.687121 |
|  | Sarichoi | Romania | 44.947851 | 28.861707 |
| Aegyssos | Tulcea | Romania | 45.186426 | 28.8148 |
| Noviodunum | Isaccea | Romania | 45.270489 | 28.491626 |
| Dinogetia | Garvan | Romania | 45.378884 | 28.138792 |
| Arrubium | Macin | Romania | 45.239231 | 28.127894 |
| Troesmis | Near Turcoaia | Romania | 45.145451 | 28.186283 |
| Halmyris, Salmorus, Thalamonium | near Murighiol | Romania | 45.024757 | 29.198041 |
| R Ister navigable on a great distance, with many river ports | R Danube | Romania | 44.935105 | 29.844811 |
| Achille's island, Ile Leuce, White island, Isle of Serpents  | Isle of Biel in front of Sulina, in the delta of R Danube | Ukraine | 45.254677 | 30.203218 |
|  | Denisoye near Desantne  | Ukraine | 45.570198 | 29.612769 |
| Antiphili Turris, Ta Antipilou  | near Trapivka, near Tartarbournary | Ukraine | 45.78751 | 29.682246 |
| Kremiskoy  | near Lebedivka | Ukraine | 45.822041 | 30.156114 |
| Aepolium  | near Lebedivka | Ukraine | 45.843287 | 30.201405 |
|  | Belen’koye near Serhiivka  | Ukraine | 46.013493 | 30.375449 |
| Neoptolemi Turris, Hermonactocome  | near Zatoka | Ukraine | 46.06002 | 30.467095 |
|  | Shabo  | Ukraine | 46.137906 | 30.390811 |
| Tyras, Ophiussa, Asprokastron  | Bilhorod-Dnistrovskyï | Ukraine | 46.200632 | 30.348578 |
| Niconia  | Ovidiopol | Ukraine | 46.183667 | 30.43704 |
|  | Karolino-Bugaz  | Ukraine | 46.141443 | 30.501262 |
| Isiakon Limen, Isiacorum Portus, port of the Isiacians  | Odessa | Ukraine | 46.480257 | 30.769154 |
| Istrianon Limen, port of the Istrianians, Istrians  | Odessa | Ukraine | 46.537648 | 30.75644 |
|  | Zhevakova  | Ukraine | 46.551962 | 30.802134 |
| Scopuli  | near Nova Dofinovka | Ukraine | 46.566853 | 30.913587 |
| Ordesus, Ordessos  | ? between Koshary and Kobleve | Ukraine | 46.664118 | 31.179551 |
| Borysthenes island | isle of Berezan in front of the port of Rybakivka | Ukraine | 46.598556 | 31.412078 |
| Olbia, port of the Borysthenits  | Parutyne | Ukraine | 46.688537 | 31.904405 |
| Hippolaou Akra, at the mouth of R Borysthenes | Stanislav, at the mouth of R Dniepr | Ukraine | 46.556039 | 32.147822 |
| port of the Acheans  | in the gulf of Tendrivs’ka | Ukraine | 46.204966 | 31.852853 |
| Eones  | near Zaliznyi ? | Ukraine | 46.107588 | 32.282864 |
| Tamyrace  | bay of Dzharylgach ? | Ukraine | 46.068363 | 32.997453 |
| Karkine ?  | near Kalanchak | Ukraine | 46.213384 | 33.222635 |
|  | Masliny, Sjeverne  | Ukraine | 45.695017 | 33.042744 |
| Panskoye  | remains of an ancient settlement probably with a port | Ukraine | 45.552869 | 32.813667 |
| Kalos-Limen, Calos  | near Chornomorsk in Crimea | Ukraine | 45.51763 | 32.714032 |
|  | Karadzhinskoye near Olenivka  | Ukraine | 45.3723 | 32.499556 |
|  | Kulchuk | Ukraine | 45.367043 | 32.863964 |
|  | Belyaus | Ukraine | 45.362281 | 32.905978 |
| Three ports between Kalos and Chersonesos | perhaps: Myrnyi ? | Ukraine | 45.293838 | 32.957691 |
|  | Chaika, near Zaozerne | Ukraine | 45.164263 | 33.290377 |
| Three ports between Kalos and Chersonesos | perhaps: Kerkinitis near Eupatoria? | Ukraine | 45.180081 | 33.388426 |
|  | Kara-Tobe, near Pryberezhne | Ukraine | 45.139468 | 33.519253 |
| Three ports between Kalos and Chersonesos | perhaps: Dandace near Peschanoye ? | Ukraine | 44.853668 | 33.567574 |
| Bonus Portus, Bon Port, Good Port | Inkerman | Ukraine | 44.610233 | 33.596857 |
| Ctenus  | Bay of Aktiar: Sebastopol | Ukraine | 44.61291 | 33.531048 |
| Eupatorion  | unlocalized on the North or South side of the bay entrance | Ukraine | 44.622079 | 33.51877 |
| Chersonesos, Chersonnèse, Heraclea peninsula | near Karantynna Bay, La Quarantaine | Ukraine | 44.610306 | 33.487901 |
| Palaia Chersonesos  | South of the airport | Ukraine | 44.562753 | 33.396512 |
| Portus Symbolorum, port of the Symbols, Symbolon  | Balaklava | Ukraine | 44.498296 | 33.598965 |
| Kharax, Charax  | near Haspra | Ukraine | 44.431103 | 34.133977 |
| Lagyra  | near Yalta | Ukraine | 44.486967 | 34.175483 |
| Phrourion  | near Hourzouf | Ukraine | 44.54418 | 34.310787 |
| Lampas  | near Santa Barbara | Ukraine | 44.588802 | 34.37513 |
| Aloustou Phrourion  | near Alouchta | Ukraine | 44.673649 | 34.424744 |
| Skythotauron Limen, port of the Tauroscyths, Athenaeum  | near Sudak | Ukraine | 44.83098 | 34.971394 |
| Theodosia, Théodosie, Caffa  | Theodosia | Ukraine | 45.026756 | 35.40311 |
| Cazeca, Kazeka  | near le Cape Chauda | Ukraine | 45.008242 | 35.832027 |
| Port Cimmerion, Cimmerium, Kimmerikon  | Opuk | Ukraine | 45.027976 | 36.202315 |
| Kytai, Kitey  | near Zavitne | Ukraine | 45.079236 | 36.428808 |
| Akra | near Naberezhnoe | Ukraine | 45.132641 | 36.427795 |
| Nymphaion, Nymphaeum  | about 13 km from Kerch, near Eltiguen memorial | Ukraine | 45.236682 | 36.417346 |
| Tyritake, Tiritaca | near Pryozerne industrial port | Ukraine | 45.237657 | 36.417027 |
| Pantikapaion, Panticapée  | Kerch | Ukraine | 45.345784 | 36.48147 |
| Myrmekion  | Kerch Est | Ukraine | 45.349031 | 36.518247 |
| Porthmion, Porthmia | near Zukovka | Ukraine | 45.369303 | 36.619878 |
| Parthenion | near Zukovka | Ukraine | 45.372951 | 36.628 |
| Zenonos Chersonesos | Kurtortnoe, near Cape Zyuk | Ukraine | 45.476783 | 36.337184 |
| Heracleon | near Schelkino, Mysove | Ukraine | 45.459174 | 35.843472 |
| Hygreis  | near Marioupol | Ukraine | 47.086601 | 37.637411 |
| Karoia  | near Lakedemonovka | Russia | 47.117765 | 38.526526 |
|  | Taganrog  | Russia | 47.194979 | 38.961722 |
| Tanaïs  | near Nedvigovka on the R Don | Russia | 47.268109 | 39.335434 |
| Elizavetovskoe-Gorodishche  | 2-3 km North of Elizavetinskaya | Russia | 47.159809 | 39.491058 |
| Paniardis  | near Krugloye | Russia | 47.026095 | 39.239728 |
| Pataroue  | near Glafirovka | Russia | 46.743056 | 38.417705 |
| Azara  | near Primorsko-Akhtarsk | Russia | 45.999867 | 38.139734 |
|  | Golubitskaya | Russia | 45.334212 | 37.2783 |
| Tyrambe  | near Peresyp | Russia | 45.337622 | 37.211466 |
|  | Kuchugury  | Russia | 45.408398 | 36.970666 |
| Achillion | near Il'ich | Russia | 45.43942 | 36.769743 |
|  | Kamennaya and Batareyka near Zaporozhskoye  | Russia | 45.357083 | 36.764766 |
| Patrasys  | near Zaporozhskoye | Russia | 45.313152 | 36.85376 |
| Kepoi, Cepi | near Sennoy | Russia | 45.294983 | 36.982623 |
| Phanagoria  | near Sennoy | Russia | 45.279753 | 36.945466 |
| Hermonassa  | Ataman | Russia | 45.227344 | 36.719189 |
| Korokondame  | near Ataman | Russia | 45.213532 | 36.614144 |
|  | Stanitsa Blagoveshchenskaya  | Russia | 45.039794 | 37.085413 |
|  | Khutor Blagoveshchenskiy  | Russia | 44.970273 | 37.239085 |
| Sindicos, Sindique, Gorgippia  | Anapa | Russia | 44.901286 | 37.309645 |
| Semibratnee | Varenikovskaya | Russia | 45.112387 | 37.687782 |
| Bata, Bathai, Patous, Port Hieron  | Novorossiysk | Russia | 44.723333 | 37.793801 |
| Toricos, Pragrae, Pagres, Heptalou  | Gelendjik | Russia | 44.571643 | 38.034439 |
| Palaia Achaia, Vetus Achaia, Ancienne Achaia  | Arkhipo-Osipovka ? | Russia | 44.349313 | 38.529342 |
| Vetus Lazica, Ancienne Lazique  | Novomikhaylovskoye ? | Russia | 44.233168 | 38.830548 |
| Nicopsie, shelter East of a promontory not named by Arrien ?  | Tuapse | Russia | 44.085518 | 39.057199 |
| outlet of R Achaeunte  | R Ashe at Sotchi | Russia | 43.570123 | 39.699182 |
| outlet of R Masaetica, Masaetique  | R Khosta near Sotchi | Russia | 43.500559 | 39.862905 |
| outlet of R Naessus, Nesis  | R Mzynta near the airport of Sotchi | Russia | 43.412457 | 39.907325 |
| outlet of R Borgys  | R Psou near Leselidze | Abkhazia | 43.379923 | 40.009349 |
| outlet of R Abascus  | near Gantiadi | Abkhazia | 43.370387 | 40.081753 |
| Nitica, Nitike  | near Gagra | Abkhazia | 43.315434 | 40.223249 |
| Pityus, Pitynte  | Pitsunda and Lidzava | Abkhazia | 43.176795 | 40.283551 |
| Anacopia, Tracheia  | Novyj Afon, New Athos | Abkhazia | 43.078232 | 40.767469 |
|  | Gvandra  | Abkhazia | 43.067548 | 40.860819 |
|  | Krasnyy Mayak  | Abkhazia | 42.995582 | 40.946654 |
| Dioscurias, Sebastopolis  | Sukhumi | Abkhazia | 42.987028 | 41.01976 |
| R Astéléphus, Stelippon, Euripos  | near Kvemo Pshapi, North of the airport of Sukhumi | Abkhazia | 42.8853 | 41.093344 |
| R Hippus  | R Kodori | Abkhazia | 42.812154 | 41.121505 |
| Guenos, Gyenos, Cygnus, Neapolis on the R Cyaneus, Glaucus, Ciani, Tarsuras  | Ochamchira on the R Galidzga | Abkhazia | 42.698276 | 41.455723 |
| Siganeon, Zigane on the R Singames  | near Gali, navigable | Abkhazia | 42.641154 | 41.484241 |
| Pichori near R Chobus, Chorsos | R Enguri near Anaklia | Abkhazia | 42.427499 | 41.530916 |
| R Charieis, Arios (navigable) | R Khobi near Kulevi | Georgia | 42.270014 | 41.617157 |
| Patara Poti, on R Phase (navigable) | Patara Poti, on R Rioni | Georgia | 42.19591 | 41.62486 |
| Phasis, on lake Paleostomi, Paliastomi | Poti | Georgia | 42.128601 | 41.653621 |
| R Mogrus (navigable) | R Supsa | Georgia | 42.01135 | 41.74261 |
| R Isis (navigable) | R Natenebi | Georgia | 41.90883 | 41.75631 |
| R Acinasis, Akinases | Pichvnari,near Kobuleti on R Kintrish | Georgia | 41.811161 | 41.764068 |
| Petra Pia Iustiniana  | Tsikisdziri | Georgia | 41.773298 | 41.74619 |
| Bathys Limen on R Bathys, Portus Altus  | Batumi | Georgia | 41.656123 | 41.650231 |
| R Acampsis (navigable) | R Chorokh | Georgia | 41.60455 | 41.565274 |
| Apsaros, Apsaruntos, Apsyrtus  | Fort of Gonio, 10 km South of Batumi | Georgia | 41.57311 | 41.573741 |
| Kissa, on R Kissa | Arhavi | Turkey: Black Sea | 41.354443 | 41.294959 |
| R Archabis  | near Findikli | Turkey: Black Sea | 41.28253 | 41.148443 |
| R Prytanis  | R Firtina at Ardesen | Turkey: Black Sea | 41.19452 | 40.971727 |
| Athenae, near R Zagatis  | near Pazar | Turkey: Black Sea | 41.184549 | 40.872667 |
| R Adienus  | R Madenli near Cayeli | Turkey: Black Sea | 41.089391 | 40.709049 |
| R Ascurus  | R Askoroz | Turkey: Black Sea | 41.048905 | 40.569334 |
| Rhizos, Rhizaion, Becheirikos, Port Bechirique on R Rhizius  | Rize | Turkey: Black Sea | 41.036149 | 40.534456 |
| R Calos  | North of Eskipazar | Turkey: Black Sea | 40.990875 | 40.323847 |
| R Psychros  | South of Eskipazar | Turkey: Black Sea | 40.972625 | 40.305805 |
| Ophius on R Ophis  | Of on R Solakli | Turkey: Black Sea | 40.948389 | 40.259139 |
| Susarmia, Sousourmena | Sürmene | Turkey: Black Sea | 40.918188 | 40.112901 |
| Hyssus Portus on R Hyssus, Missy Portus, Susarmia, Psoron Limen, Kaine Parenbole  | Arakli, on R Karadere | Turkey: Black Sea | 40.94234 | 40.068253 |
| Trapezos, Trapézonte, Trapezunt  | Trabzon | Turkey: Black Sea | 41.004909 | 39.739089 |
| Hermonassa, Platana, Pulathane | Akçaabat | Turkey: Black Sea | 41.021783 | 39.596558 |
| Chordule, Cordula, Cordyle  | Akçakale | Turkey: Black Sea | 41.079233 | 39.509828 |
| Hieron Oros  | Yoroz | Turkey: Black Sea | 41.104543 | 39.435566 |
| Kerasous  | Yaliköy | Turkey: Black Sea | 41.070816 | 39.336734 |
| Libiopolis  | near Besikdüzü | Turkey: Black Sea | 41.060966 | 39.226905 |
| Coralles, Koralla  | near Eynesil | Turkey: Black Sea | 41.068923 | 39.135874 |
| Philokalea | Görele | Turkey: Black Sea | 41.044571 | 38.992223 |
| Argyre, at outlet of R Tripolis | Tirebolu East, at outlet of R Harsit | Turkey: Black Sea | 41.014477 | 38.846198 |
| Tripolis  | Tirebolu | Turkey: Black Sea | 41.008085 | 38.821436 |
| Port Zephyriose, Zephyrium  | near Gülburnu | Turkey: Black Sea | 40.962812 | 38.654644 |
| Ile Aretide  | Isle of Giresun Adasi | Turkey: Black Sea | 40.92895 | 38.43706 |
| Pharnacya, Pharnacée, Aretias, Kerasus, Cerasus, Cérasonte, Choerades  | Giresun | Turkey: Black Sea | 40.926512 | 38.390134 |
| Ischopolis, at the outlet of R Pharmatenos | Bulancak, at outlet of R Pazarsuyu | Turkey: Black Sea | 40.947353 | 38.174747 |
| R Melanthius  | R Melet near Ordu | Turkey: Black Sea | 40.990334 | 37.932806 |
| Cotyora, Cotyorum, near the outlet of R Génétès, Genetes, near Cape Genetaios | Ordu, near the outlet of R Akçaova | Turkey: Black Sea | 40.991364 | 37.884258 |
| Boona  | Persembe in the bay of Vona | Turkey: Black Sea | 41.072505 | 37.789688 |
| Kilikon, Nesos, Isle of the Cilicians  | Isle of Persembe Adasi | Turkey: Black Sea | 41.117387 | 37.728723 |
| Stamene, Ameneia ?  | near Yason Burnu, Jason's Cape | Turkey: Black Sea | 41.122188 | 37.701261 |
| Polemonium  | Konakbasi | Turkey: Black Sea | 41.030793 | 37.516071 |
| Phabda, Phadisane  | Fatsa | Turkey: Black Sea | 41.053007 | 37.48725 |
| Ameletos, Camila  | near Yüceler | Turkey: Black Sea | 41.10855 | 37.387574 |
| R Phigamunte  | near Cevizdere | Turkey: Black Sea | 41.120359 | 37.332904 |
| Oenoë, Caena  | Ünye | Turkey: Black Sea | 41.136934 | 37.29641 |
| R Thoaris  | Ünye Ouest | Turkey: Black Sea | 41.149924 | 37.228018 |
| R Beris  | R Arimdere, near Miliç | Turkey: Black Sea | 41.189159 | 37.037293 |
| Cape of Amazones, Themiscyra, at the outlet of R Thermodon  | R Terme Süyu | Turkey: Black Sea | 41.216698 | 36.976401 |
| Lamyron, Herakleion, Heracleum  | near Gölyazi | Turkey: Black Sea | 41.269846 | 37.03072 |
| Ankon, Acone on R Iris  | at the outlet of R Yeşil | Turkey: Black Sea | 41.380631 | 36.636986 |
| Chadisia on R Chadisia  | near Kurtulus at the airport of Samsun | Turkey: Black Sea | 41.27975 | 36.542199 |
| Amisos, Amisus, Peiraieus  | Baruthane, near Samsun | Turkey: Black Sea | 41.3149 | 36.339631 |
| Eupatoria  | near Kalkanca | Turkey: Black Sea | 41.328695 | 36.317182 |
| Eusene  | near Kurupelit | Turkey: Black Sea | 41.379753 | 36.228463 |
| Conope  | near Engiz ? | Turkey: Black Sea | 41.501866 | 36.131482 |
| Naustathmus  | near Gernek Gölü ? | Turkey: Black Sea | 41.628518 | 36.122683 |
| R Halys  | R Kizilirmak near Bafra | Turkey: Black Sea | 41.74762 | 35.959063 |
| Gadilon, Helega ? on R Halys  | Bafra | Turkey: Black Sea | 41.56985 | 35.882748 |
| Zaliches, Leontopolis on R Zaleco  | near Toplu | Turkey: Black Sea | 41.648104 | 35.659999 |
| Zagora  | near Kerim | Turkey: Black Sea | 41.686531 | 35.415002 |
| Garzoubanthon, Orgibate  | near Yenikent | Turkey: Black Sea | 41.752598 | 35.238398 |
| Karousa, Carusa, Caruse, Polichnion  | Gerze | Turkey: Black Sea | 41.792039 | 35.201452 |
| Kyptasia | near Demirciköy | Turkey: Black Sea | 41.928869 | 35.090278 |
| Sinope | Sinop | Turkey: Black Sea | 42.020602 | 35.14885 |
| Scopelus  | peninsula of Sinope | Turkey: Black Sea | 42.025972 | 35.178924 |
| R Ochosbanes, Ochthomanes  | R Karasu Cayi | Turkey: Black Sea | 42.031935 | 35.074574 |
| Armene, Harmène, port of Sinop | Akliman | Turkey: Black Sea | 42.050028 | 35.05828 |
| Gerna | Inceburun | Turkey: Black Sea | 42.098035 | 34.955292 |
| Potamoi, Potamos  | Tarakçi | Turkey: Black Sea | 41.952813 | 34.772607 |
| Stephane  | Çaylıoğlu | Turkey: Black Sea | 41.961814 | 34.510945 |
| Koloussa  | Güllüsu Liman, West of Türkeli | Turkey: Black Sea | 41.945262 | 34.279437 |
| Cinolis  | Konakli Liman, near Kaslica | Turkey: Black Sea | 41.96403 | 34.167921 |
| Aeginètes  | Abana | Turkey: Black Sea | 41.985273 | 34.032162 |
| Abonuteichos, Abonutichus, Abonus, Ionopolis  | Inebolu | Turkey: Black Sea | 41.981333 | 33.758788 |
| Garium, Gario | Kayran ? | Turkey: Black Sea | 42.000217 | 33.530921 |
| Zephyrium  | Doganyurt ? | Turkey: Black Sea | 42.009959 | 33.466118 |
| Marsylla, Kallistratia  | near Belyaka | Turkey: Black Sea | 42.017255 | 33.396323 |
| Carambis  | Ilyasbey on Cape Kerempe | Turkey: Black Sea | 42.021193 | 33.362693 |
| Thyne, Thymena, Timolaion, Timolaium, Teuthrania ?  | Güble, near Cayyaka | Turkey: Black Sea | 41.978167 | 33.203928 |
| Klimax, Climace  | Sakalli | Turkey: Black Sea | 41.940873 | 33.074305 |
| Aegialus  | Cide | Turkey: Black Sea | 41.901342 | 32.984664 |
| Kytoros, Cytorus, Cytore  | Gideros, near Kumluca | Turkey: Black Sea | 41.859419 | 32.858033 |
| Kromna, Cromna  | Tekkeönü | Turkey: Black Sea | 41.830868 | 32.66982 |
| Erythrinoi, Erythines  | near Senyurt | Turkey: Black Sea | 41.784254 | 32.481548 |
| Amastris, Sesamos, Sésamus  | Amasra | Turkey: Black Sea | 41.754893 | 32.386015 |
| R Parthenius  | R Bartin | Turkey: Black Sea | 41.686554 | 32.215629 |
| Makata ? on R Psillide  | kızılkum near Hatipler | Turkey: Black Sea | 41.601346 | 32.127892 |
| R Billaeus  | R Filyos near Sazköy | Turkey: Black Sea | 41.583552 | 32.045434 |
| port of Tieion, Tieum, Tius  | Filyos, with a submerged breakwater connected to the promontory | Turkey: Black Sea | 41.571794 | 32.0247 |
| Psylla  | near Göbü | Turkey: Black Sea | 41.538001 | 31.95374 |
| Crenides  | near Kilimli | Turkey: Black Sea | 41.488533 | 31.827473 |
| Sandaraca  | near Zonguldak | Turkey: Black Sea | 41.459393 | 31.78667 |
| Oxinas on R Oxinem,  | Iliksu Köyü, near Esenköy | Turkey: Black Sea | 41.412321 | 31.68226 |
| Nymphae  | Çavuşağzı | Turkey: Black Sea | 41.378872 | 31.604219 |
| Tyndarides  | Kireçlik | Turkey: Black Sea | 41.374739 | 31.588112 |
| Posidium  | Alacaagzi | Turkey: Black Sea | 41.36536 | 31.542509 |
| Metroum  | Köseagzi near Bali | Turkey: Black Sea | 41.331225 | 31.464391 |
| Cape Acherousias, Akonai  | vers Kemer Köyü | Turkey: Black Sea | 41.31701 | 31.417137 |
| Herakleia Pontica, Héraclée  | Eregli | Turkey: Black Sea | 41.284729 | 31.406567 |
| R Lycus  | R Gülüç South of the port of Eregli | Turkey: Black Sea | 41.245359 | 31.391451 |
|  | Kilisecik near Göktepe  | Turkey: Black Sea | 41.216755 | 31.406413 |
| Calès on R Calete  | Alapli | Turkey: Black Sea | 41.182038 | 31.375819 |
| Elaios on R Elaeus  | near Kocaman | Turkey: Black Sea | 41.119224 | 31.300354 |
| Kalesa  | near Bayhanli | Turkey: Black Sea | 41.102788 | 31.23376 |
| Lilius, Lilaios  | near Döngelli | Turkey: Black Sea | 41.098083 | 31.199289 |
| R Hypius  | R Melen near Melenağzı | Turkey: Black Sea | 41.079158 | 30.967863 |
| Dia, Diaspolis  | Mazaa, near Kuyumculu ? | Turkey: Black Sea | 41.085829 | 30.80211 |
| R Sangarius  | R Sakarya near Ihsaniye | Turkey: Black Sea | 41.130681 | 30.649346 |
| Chalai, Chèles  | Tuzagzi ? | Turkey: Black Sea | 41.198975 | 30.320853 |
| Isle of Thynias, Isle of Apollonia  | Kefken Adasi | Turkey: Black Sea | 41.214126 | 30.260447 |
| Rhoe on R Rhoès  | Kefken | Turkey: Black Sea | 41.1704 | 30.224412 |
| Calpas, Calpe, Kalpe  | Kerpe | Turkey: Black Sea | 41.156349 | 30.194158 |
| Tenba  | near Bağırganlı | Turkey: Black Sea | 41.140762 | 30.019743 |
| Psillion on the R Psillis  | Yesilcay on the R Agva | Turkey: Black Sea | 41.143723 | 29.847963 |
| Artanes and Chelaita on R Artanes  | Sile | Turkey: Black Sea | 41.178163 | 29.60646 |
| Rhebas on R Rhébas  | Riva near Cayagzi | Turkey: Black Sea | 41.226963 | 29.210147 |
| Gomon  | near Anadolufeneri | Turkey: Bosphorus | 41.22043 | 29.157334 |
| Mochadion  | near Poyrazköy | Turkey: Bosphorus | 41.202113 | 29.119694 |
| Chelae  | near Yoros Kale | Turkey: Bosphorus | 41.184604 | 29.111677 |
| Heraeon, Hereum promontory, Hieron, Zeus Ourios  | Anadolu Kavagi, temple of Jupiter | Turkey: Bosphorus | 41.175242 | 29.08635 |
| Argyronion  | near Anadolu Kavagi | Turkey: Bosphorus | 41.164064 | 29.072073 |
| Daphne Mainimene ? Nymphaion ?  | near Yuşa Tepesi | Turkey: Bosphorus | 41.152608 | 29.075837 |
| Moukaporis  | near Yaliköy | Turkey: Bosphorus | 41.138072 | 29.076805 |
| Amycus, Amykos, Portus Amyci  | near Yaliköy | Turkey: Bosphorus | 41.134566 | 29.08705 |
| Palodes  | near Beikoz | Turkey: Bosphorus | 41.124124 | 29.095077 |
| Eiranaion dans the bay of Katangeion  | near Beikoz | Turkey: Bosphorus | 41.109023 | 29.080276 |
| Boradion dans the bay of Melias  | Kanlıca Koyu | Turkey: Bosphorus | 41.094172 | 29.065214 |
| Phiela, Phiale  | near Anadolu Hisari | Turkey: Bosphorus | 41.087307 | 29.06502 |
| Potamonion  | near Anadolu Hisari | Turkey: Bosphorus | 41.082358 | 29.065026 |
| Nausikleia, Port Azarus  | Küçüksu | Turkey: Bosphorus | 41.07848 | 29.063017 |
| Proochthoi, Brochtoi  | near Kandilli | Turkey: Bosphorus | 41.074934 | 29.058339 |
| bay of Lykadion  | near Kandilli | Turkey: Bosphorus | 41.067751 | 29.055235 |
| Nausimachion  | near Kuleli | Turkey: Bosphorus | 41.058207 | 29.051703 |
| Kikonion  | near Cengelköy | Turkey: Bosphorus | 41.048624 | 29.051118 |
| Damalis, Bous, Scutari, Chrysopolis with ancient lighthouse | Üsküdar and isle of Kiz Kulezi (Maiden Tower) | Turkey: Bosphorus | 41.03004 | 29.013073 |
| Chalkedon, Chalcedon, Chalcédoine, Himeros  | Kadiköy in front of Istanbul | Turkey: Marmara | 40.993064 | 29.019416 |
| Chalkedon, Chalcedon, Chalcédoine, Eutropiou  | Kadiköy in front of Istanbul | Turkey: Marmara | 40.977127 | 29.032451 |
| Heraion, Hiereia  | Fenerbahçe | Turkey: Marmara | 40.966314 | 29.037228 |
| Rouphinianai, Drys  | near Caddebostan | Turkey: Marmara | 40.958503 | 29.066719 |
| Poleatikon  | Bostanci | Turkey: Marmara | 40.947949 | 29.090085 |
| Antigoni, Antioch of Propontis | Isle of Burgaz Adasi in the Prince islands | Turkey: Marmara | 40.882176 | 29.072914 |
| Acritas  | Dragos near Maltepe | Turkey: Marmara | 40.896011 | 29.141067 |
| Panteichium  | Pendik Marina | Turkey: Marmara | 40.866565 | 29.233356 |
| Libyssa  | near Dilovasi | Turkey: Marmara | 40.765378 | 29.496275 |
| Charax  | Hereke | Turkey: Marmara | 40.777262 | 29.616011 |
| Elaia  | near Anadolu Lisesi | Turkey: Marmara | 40.740346 | 29.790969 |
| Arbeila  | Kuruçeşme | Turkey: Marmara | 40.752595 | 29.878164 |
| Olbia, Nikomedia, Nicomédie  | Izmit | Turkey: Marmara | 40.755134 | 29.922895 |
| Astakos, Astace  | Izmit South | Turkey: Marmara | 40.726704 | 29.929593 |
| Diolkides  | near Gölcük | Turkey: Marmara | 40.730505 | 29.817078 |
| Herakleion  | near Ulaşlı | Turkey: Marmara | 40.715344 | 29.715614 |
| Praenetus  | Karamürsel | Turkey: Marmara | 40.698736 | 29.628146 |
| Helenopolis, Kibotos, Drepanon  | Hersek Gölü | Turkey: Marmara | 40.715872 | 29.516502 |
| Strobilos  | near Çiftlikköy | Turkey: Marmara | 40.676646 | 29.334511 |
| Pylai  | Yalova | Turkey: Marmara | 40.66579 | 29.277631 |
| Sangaros  | near ÇInarcik | Turkey: Marmara | 40.649665 | 29.064442 |
| Triton  | near Armutlu | Turkey: Marmara | 40.502822 | 28.829686 |
| Prousias, Prusias ad Mare, Kios  | Gemlik | Turkey: Marmara | 40.43027 | 29.144694 |
| Charmidea  | near Örnekköy | Turkey: Marmara | 40.45196 | 29.344186 |
| Nikaia, Nicée, Angkore, Helikore, Antigoneia  | Iznik | Turkey: Marmara | 40.430474 | 29.702657 |
| Phytopolis  | near Sölöz | Turkey: Marmara | 40.427438 | 29.413277 |
| Elekosmioi  | Kurşunlu | Turkey: Marmara | 40.363935 | 29.022281 |
| Apameia Myrlea, Brylleion, Iulia Concordia  | Mudanya near Bursa | Turkey: Marmara | 40.373415 | 28.893219 |
| Triglia, Trilye | Zeytinbagi | Turkey: Marmara | 40.394158 | 28.799347 |
| Caesarea Germanica | Kapanca | Turkey: Marmara | 40.37903 | 28.724505 |
| Daskyleion, Dascylium, Antigoneia near Daskyleion  | Eskel Limani | Turkey: Marmara | 40.368113 | 28.668347 |
| Apollonia ad Rhyndakos, Ryndakos | Apolyont, Gölyazi on Lake Ulubat Gölü | Turkey: Marmara | 40.163849 | 28.675363 |
| Daphnous  | near Akçapinar | Turkey: Marmara | 40.127685 | 28.649587 |
| Skylake  | near Malkara | Turkey: Marmara | 40.404455 | 28.375894 |
| Plakia  | Kursunlu | Turkey: Marmara | 40.402541 | 28.2742 |
| Daskyleion, Pemaninos  | Ergili on Lake Manyas Gölü | Turkey: Marmara | 40.13224 | 28.050389 |
| Thrakia Kome  | near Bandirma | Turkey: Marmara | 40.365745 | 27.93492 |
| Cyzique, Cyzicos, Kyzikos  | on the isthmus of the peninsula of Erdek | Turkey: Marmara | 40.382759 | 27.893588 |
| Chytos, port of Cyzique  | on the isthmus of the peninsula of Erdek | Turkey: Marmara | 40.376462 | 27.874753 |
| Artace, Artake  | Erdek on the peninsula of Erdek | Turkey: Marmara | 40.395193 | 27.788782 |
| Bathys Limen  | Turan | Turkey: Marmara | 40.514141 | 27.784669 |
| Calos, Peramos  | natural shelter, Tatlisu | Turkey: Marmara | 40.406259 | 27.920051 |
| Halone, on the isle of Haloné, Old Proconnesos? | Pasalimani, on the isle of Pasalimani Adasi | Turkey: Marmara | 40.487194 | 27.603401 |
| Isle of Elaphonnesos | Isle of Avsa Adasi? | Turkey: Marmara | 40.500655 | 27.506947 |
| Proconnesus, on the isle of Proconnèse  | Port Marmara, on the isle of Marmara Adasi | Turkey: Marmara | 40.582252 | 27.557503 |
| Palatia, on the isle of Proconnèse  | Saraylar, on the isle of Marmara Adasi | Turkey: Marmara | 40.653303 | 27.659173 |
| Harpagion  | near Bozlar | Turkey: Marmara | 40.338908 | 27.404111 |
| Priapus, Priape, Baris ?  | Karabiga | Turkey: Marmara | 40.412566 | 27.318165 |
| Linon, Linus  | Sahmelek | Turkey: Marmara | 40.43563 | 27.20419 |
| Pitya  | Degirmencik | Turkey: Marmara | 40.455407 | 27.149023 |
| Parion, Parium, Gemella Iulia, Hadriana  | Kemer | Turkey: Marmara | 40.422321 | 27.063578 |
| Paisos  | near Adatepe Köyü | Turkey: Marmara | 40.408198 | 26.779828 |
| Abarnis  | near Çardak | Turkey: Marmara | 40.38465 | 26.719849 |
| Lampsaque, Pityoussa  | Lapseki | Turkey: Marmara | 40.353051 | 26.686202 |
| port of Percote  | disappeared city near Umurbey | Turkey: Marmara | 40.276472 | 26.587016 |
| Abydos  | Nağara Kalesi North of Canakkale | Turkey: Marmara | 40.190912 | 26.405553 |
| Dardanus  | Güzelyali | Turkey: Marmara | 40.03468 | 26.334269 |
| Ophrynium, Ophrynée  | Intepe | Turkey: Marmara | 40.012922 | 26.330153 |
| Ophryneion-Pteleon, Pteleus  | lake près d’Ophrynium (lake asséché au SW d’Intepe) | Turkey: Marmara | 40.005439 | 26.318075 |
| Rhoition, Rhoeteum, Rhoetée  | promontory North of Kumkale | Turkey: Marmara | 40.015783 | 26.298813 |
| Traron  | near Kumkale | Turkey: Marmara | 40.006356 | 26.279458 |
| Aianteion  | near Kumkale | Turkey: Marmara | 40.002726 | 26.263517 |
| Sigeion near Cape Sigée  | promontory NW of Kumkale with Achille's tomb: the port may have been located in a valley, now silted up, of R Scamandre (R Karamenderes) somewhere between Kumkale and Yeniköy | Turkey: Marmara | 39.998039 | 26.179752 |