



# NATURA 2000 - STANDARD DATA FORM

For Special Protection Areas (SPA),  
Proposed Sites for Community Importance (pSCI),  
Sites of Community Importance (SCI) and  
for Special Areas of Conservation (SAC)

SITE BG0002051

SITENAME Kaliakra

## TABLE OF CONTENTS

- [1. SITE IDENTIFICATION](#)
- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS](#)
- [6. SITE MANAGEMENT](#)
- [7. MAP OF THE SITE](#)

## 1. SITE IDENTIFICATION

|                      |                                   |                             |
|----------------------|-----------------------------------|-----------------------------|
| <b>1.1 Type</b><br>A | <b>1.2 Site code</b><br>BG0002051 | <a href="#">Back to top</a> |
|----------------------|-----------------------------------|-----------------------------|

### 1.3 Site name

|          |
|----------|
| Kaliakra |
|----------|

|  |                                   |
|--|-----------------------------------|
| <b>1.4 First Compilation date</b><br>2005-10 | <b>1.5 Update date</b><br>2018-12 |
|--|-----------------------------------|

### 1.6 Respondent:

|                           |   |
|---------------------------|---|
| <b>Name/Organisation:</b> | Ministry of Environment and Water, "National Nature Protection Service" Directorate |
| <b>Address:</b>           | Sofia Kn. Maria Luiza Blvd. 22 1000 Sofia   |
| <b>Email:</b>             | natura2000@moew.government.bg   |

### 1.7 Site indication and designation / classification dates

|  |   |
|--|---|
| <b>Date site classified as SPA:</b>                | 2007-12   |
| <b>National legal reference of SPA designation</b> | Site classified as SPA by Council of Ministers Decision No. 802/04.12.2007 (promulgated SG 107/2007).   |
| <b>Explanation(s):</b>                             | Site classified as SPA by Council of Ministers Decision No. 802/04.12.2007 (promulgated SG 107/2007). Issued designation order by the Minister of Environment and Water with prohibitions and restrictions on activities contradicting the conservation objectives of the site - Order No. RD - 559/21.08.2009 (promulgated SG 69/2009). Extended terrestrial part of the site by Council of Ministers Decision No. 678 /07.11.2013 (promulgated SG 99/2013). Issued Order No. RD - 97/06.02.2014 (promulgated SG 15/2014) for extension of the site and introducing in the increased area of the site the prohibitions set by Order No. RD - 559/21.08.2009, amended by Order No. RD - 818/12.12.2017 (promulgated SG 100/2017). |

## 2. SITE LOCATION

### 2.1 Site-centre location [decimal degrees]:

[Back to top](#)

**Longitude**  
28.4199

**Latitude**  
43.424

## 2.2 Area [ha]:

16171.7788

## 2.3 Marine area [%]

34.28

## 2.4 Sitelength [km]:

0.0

## 2.5 Administrative region code and name

NUTS level 2 code

Region Name

|      |                                |
|------|--------------------------------|
| BGZZ | Extra-Regio                    |
| BG33 | Североизточен / Severoiztochen |

## 2.6 Biogeographical Region(s)

Black (65.72  
Sea %)Marine (34.28  
Black %  
Sea %)

## 3. ECOLOGICAL INFORMATION

## 3.1 Habitat types present on the site and assessment for them

[Back to top](#)

## 3.2 Species referred to in Article 4 of Directive 2009/147/EC and listed in Annex II of Directive 92/43/EEC and site evaluation for them

| Species |      |                                    |   |    | Population in the site |      |     |      |      | Site assessment |         |      |      |      |
|---------|------|------------------------------------|---|----|------------------------|------|-----|------|------|-----------------|---------|------|------|------|
| G       | Code | Scientific Name                    | S | NP | T                      | Size |     | Unit | Cat. | D. qual.        | A B C D |      |      |      |
|         |      |                                    |   |    |                        | Min  | Max |      |      |                 | Pop.    | Con. | Iso. | Glo. |
| B       | A402 | <a href="#">Accipiter brevipes</a> |   |    | r                      | 1    | 2   | p    |      | G               | A       | A    | C    | A    |
| B       | A402 | <a href="#">Accipiter brevipes</a> |   |    | c                      | 215  | 976 | i    |      | G               | A       | A    | C    | A    |
| B       | A085 | <a href="#">Accipiter gentilis</a> |   |    | c                      | 8    | 8   | i    |      | G               | C       | B    | C    | C    |
| B       | A086 | <a href="#">Accipiter nisus</a>    |   |    | w                      |      | 3   | i    |      | G               | A       | A    | C    | A    |
| B       | A086 | <a href="#">Accipiter nisus</a>    |   |    | c                      | 320  | 366 | i    |      | G               | A       | A    | C    | A    |
| B       | A086 | <a href="#">Accipiter nisus</a>    |   |    | p                      |      | 2   | p    |      | G               | A       | A    | C    | A    |
| B       | A168 | <a href="#">Actitis hypoleucos</a> |   |    | c                      | 1    | 1   | i    |      | G               | C       | B    | C    | C    |
| B       | A229 | <a href="#">Alcedo atthis</a>      |   |    | c                      | 2    | 2   | i    |      | G               | C       | B    | C    | C    |
| B       | A229 | <a href="#">Alcedo atthis</a>      |   |    | r                      | 1    | 1   | p    |      | G               | C       | B    | C    | C    |
| B       | A054 | <a href="#">Anas acuta</a>         |   |    | c                      | 25   | 25  | i    |      | G               | B       | A    | C    | B    |
| B       | A054 | <a href="#">Anas acuta</a>         |   |    | w                      |      | 2   | i    |      | G               | B       | A    | C    | B    |
| B       | A056 | <a href="#">Anas clypeata</a>      |   |    | w                      |      | 10  | i    |      | G               | C       | A    | C    | A    |
| B       | A052 | <a href="#">Anas crecca</a>        |   |    | c                      | 10   | 10  | i    |      | G               | C       | B    | C    | C    |
| B       | A052 | <a href="#">Anas crecca</a>        |   |    | w                      |      | 7   | i    |      | G               | C       | B    | C    | C    |
| B       | A050 | <a href="#">Anas penelope</a>      |   |    | c                      | 10   | 10  | i    |      | G               | C       | B    | C    | C    |
| B       | A050 | <a href="#">Anas penelope</a>      |   |    | w                      |      | 14  | i    |      | G               | C       | B    | C    | C    |
| B       | A053 | <a href="#">Anas platyrhynchos</a> |   |    | w                      | 3    | 30  | i    |      | G               | B       | B    | C    | B    |
| B       | A053 | <a href="#">Anas platyrhynchos</a> |   |    | c                      | 10   | 10  | i    |      | G               | B       | B    | C    | B    |
| B       | A055 | <a href="#">Anas querquedula</a>   |   |    | c                      | 4    | 24  | i    |      | G               | C       | B    | C    | C    |
| B       | A051 | <a href="#">Anas strepera</a>      |   |    | c                      | 1    | 1   | i    |      | G               | C       | B    | C    | C    |
| B       | A051 | <a href="#">Anas strepera</a>      |   |    | w                      |      | 6   | i    |      | G               | C       | B    | C    | C    |
| B       | A041 | <a href="#">Anser albifrons</a>    |   |    | c                      | 100  | 100 | i    |      | G               | B       | A    | C    | A    |

|   |      |   |  |   |      |       |   |   |    |   |   |   |   |
|---|------|---|--|---|------|-------|---|---|----|---|---|---|---|
| B | A041 | <a href="#">Anser albifrons</a>               |  | w | 2100 | 30166 | i |   | G  | B | A | C | A |
| B | A043 | <a href="#">Anser anser</a>                   |  | c | 10   | 10    | i |   | G  | B | A | C | A |
| B | A043 | <a href="#">Anser anser</a>                   |  | w |      | 41    | i |   | G  | B | A | C | A |
| B | A255 | <a href="#">Anthus campestris</a>             |  | r | 92   | 115   | p |   | G  | A | A | C | A |
| B | A255 | <a href="#">Anthus campestris</a>             |  | c |      |       |   | P | DD | A | A | C | A |
| B | A091 | <a href="#">Aquila chrysaetos</a>             |  | c |      | 1     | i |   | G  | C | A | C | A |
| B | A404 | <a href="#">Aquila heliaca</a>                |  | c | 3    | 3     | i |   | G  | A | A | C | A |
| B | A089 | <a href="#">Aquila pomarina</a>               |  | c | 26   | 343   | i |   | G  | B | A | C | A |
| B | A028 | <a href="#">Ardea cinerea</a>                 |  | c | 185  | 185   | i |   | G  | C | B | C | C |
| B | A028 | <a href="#">Ardea cinerea</a>                 |  | r | 16   | 16    | i |   | G  | C | B | C | C |
| B | A029 | <a href="#">Ardea purpurea</a>                |  | c | 10   | 22    | i |   | G  | C | B | C | C |
| B | A029 | <a href="#">Ardea purpurea</a>                |  | r | 2    | 2     | i |   | G  | C | B | C | C |
| B | A024 | <a href="#">Ardeola ralloides</a>             |  | r |      | 1     | i |   | G  | C | B | C | C |
| B | A024 | <a href="#">Ardeola ralloides</a>             |  | c | 33   | 33    | i |   | G  | C | B | C | C |
| B | A222 | <a href="#">Asio flammeus</a>                 |  | w | 10   | 10    | i |   | G  | C | B | C | C |
| B | A059 | <a href="#">Aythya ferina</a>                 |  | w | 74   | 866   | i |   | G  | B | A | C | B |
| B | A061 | <a href="#">Aythya fuligula</a>               |  | w |      | 2     | i |   | G  | C | A | C | C |
| B | A021 | <a href="#">Botaurus stellaris</a>            |  | p | 1    | 1     | p |   | G  | C | A | C | C |
| B | A396 | <a href="#">Branta ruficollis</a>             |  | w | 23   | 11196 | i |   | G  | C | A | C | B |
| B | A215 | <a href="#">Bubo bubo</a>                     |  | p | 3    | 5     | p |   | G  | C | A | C | C |
| B | A067 | <a href="#">Bucephala clangula</a>            |  | w |      | 4     | i |   | G  | C | B | C | C |
| B | A133 | <a href="#">Burhinus oedicnemus</a>           |  | r | 10   | 10    | p |   | G  | A | A | C | A |
| B | A133 | <a href="#">Burhinus oedicnemus</a>           |  | c | 82   | 82    | i |   | G  | A | A | C | A |
| B | A087 | <a href="#">Buteo buteo</a>                   |  | w | 3    | 4     | i |   | G  | A | A | C | A |
| B | A087 | <a href="#">Buteo buteo</a>                   |  | c | 4671 | 4857  | i |   | G  | A | A | C | A |
| B | A087 | <a href="#">Buteo buteo</a>                   |  | p | 3    | 3     | p |   | G  | A | A | C | A |
| B | A088 | <a href="#">Buteo lagopus</a>                 |  | c |      | 2     | i |   | G  | C | A | C | A |
| B | A403 | <a href="#">Buteo rufinus</a>                 |  | w |      | 2     | i |   | G  | C | A | C | A |
| B | A403 | <a href="#">Buteo rufinus</a>                 |  | p | 2    | 2     | p |   | G  | C | A | C | A |
| B | A403 | <a href="#">Buteo rufinus</a>                 |  | c | 19   | 33    | i |   | G  | C | A | C | A |
| B | A243 | <a href="#">Calandrella<br/>brachydactyla</a> |  | r | 100  | 150   | p |   | G  | A | A | C | A |
| B | A243 | <a href="#">Calandrella<br/>brachydactyla</a> |  | c |      |       |   | P | DD | A | A | C | A |
| B | A149 | <a href="#">Calidris alpina</a>               |  | c | 4    | 4     | i |   | G  | C | B | C | C |
| B | A149 | <a href="#">Calidris alpina</a>               |  | w |      | 3     | i |   | G  | C | B | C | C |
| B | A147 | <a href="#">Calidris ferruginea</a>           |  | c | 6    | 6     | i |   | G  | C | B | C | C |
| B | A145 | <a href="#">Calidris minuta</a>               |  | c | 3    | 3     | i |   | G  | C | B | C | C |
| B | A224 | <a href="#">Caprimulgus europaeus</a>         |  | r | 5    | 5     | p |   | G  | C | B | C | C |
| B | A224 | <a href="#">Caprimulgus europaeus</a>         |  | c |      |       |   | P | DD | C | B | C | C |
| B | A136 | <a href="#">Charadrius dubius</a>             |  | c | 2    | 3     | i |   | G  | C | B | C | C |
| B | A136 | <a href="#">Charadrius dubius</a>             |  | r | 3    | 5     | p |   | G  | C | B | C | C |
| B | A137 | <a href="#">Charadrius hiaticula</a>          |  | c | 3    | 3     | i |   | G  | C | B | C | C |
| B | A139 | <a href="#">Charadrius morinellus</a>         |  | c | 100  | 100   | i |   | G  | A | A | B | A |
| B | A196 | <a href="#">Chlidonias hybridus</a>           |  | r |      | 3     | i |   | G  | C | B | C | C |
| B | A196 | <a href="#">Chlidonias hybridus</a>           |  | c |      |       |   | P | DD | C | B | C | C |
| B | A198 | <a href="#">Chlidonias leucopterus</a>        |  | c | 1    | 2     | i |   | G  | C | B | C | C |





|   |      |   |  |  |   |      |      |   |   |    |   |   |   |   |
|---|------|---|--|--|---|------|------|---|---|----|---|---|---|---|
| B | A069 | <a href="#">Merqus serrator</a>                       |  |  | w |      | 7    | i |   | G  | B | A | C | B |
| B | A230 | <a href="#">Merops apiaster</a>                       |  |  | c | 5000 | 5000 | i |   | G  | C | A | C | A |
| B | A073 | <a href="#">Milvus migrans</a>                        |  |  | c | 61   | 151  | i |   | G  | A | A | C | A |
| B | A074 | <a href="#">Milvus milvus</a>                         |  |  | c | 3    | 4    | i |   | G  | A | A | C | A |
| B | A077 | <a href="#">Neophron percnopterus</a>                 |  |  | c |      | 1    | i |   | G  | C | A | C | C |
| B | A058 | <a href="#">Netta rufina</a>                          |  |  | w |      | 81   | i |   | G  | B | A | C | B |
| B | A160 | <a href="#">Numenius arquata</a>                      |  |  | c | 2    | 10   | i |   | G  | C | B | C | C |
| B | A023 | <a href="#">Nycticorax nycticorax</a>                 |  |  | c | 2    | 3    | i |   | G  | C | B | C | C |
| B | A533 | <a href="#">Oenanthe pleschanka</a>                   |  |  | r | 100  | 250  | p |   | G  | A | A | B | A |
| B | A533 | <a href="#">Oenanthe pleschanka</a>                   |  |  | c |      |      |   | P | DD | A | A | B | A |
| B | A094 | <a href="#">Pandion haliaetus</a>                     |  |  | c | 2    | 2    | i |   | G  | C | A | C | B |
| B | A020 | <a href="#">Pelecanus crispus</a>                     |  |  | c | 14   | 14   | i |   | G  | C | A | B | A |
| B | A019 | <a href="#">Pelecanus onocrotalus</a>                 |  |  | c | 2057 | 3250 | i |   | G  | B | A | C | A |
| B | A072 | <a href="#">Pernis apivorus</a>                       |  |  | c | 1143 | 2209 | i |   | G  | B | A | C | A |
| B | A072 | <a href="#">Pernis apivorus</a>                       |  |  | r |      | 1    | i |   | G  | B | A | C | A |
| B | A392 | <a href="#">Phalacrocorax aristotelis desmarestii</a> |  |  | p | 160  | 180  | p |   | G  | A | A | C | A |
| B | A392 | <a href="#">Phalacrocorax aristotelis desmarestii</a> |  |  | w | 15   | 212  | i |   | G  | A | A | C | A |
| B | A017 | <a href="#">Phalacrocorax carbo</a>                   |  |  | c | 12   | 263  | i |   | G  | C | A | C | C |
| B | A017 | <a href="#">Phalacrocorax carbo</a>                   |  |  | w | 18   | 287  | i |   | G  | C | A | C | C |
| B | A393 | <a href="#">Phalacrocorax pygmeus</a>                 |  |  | r | 1    | 10   | i |   | G  | C | A | C | C |
| B | A393 | <a href="#">Phalacrocorax pygmeus</a>                 |  |  | c | 2    | 14   | i |   | G  | C | A | C | C |
| B | A393 | <a href="#">Phalacrocorax pygmeus</a>                 |  |  | w |      | 1    | i |   | G  | C | A | C | C |
| B | A151 | <a href="#">Philomachus pugnax</a>                    |  |  | w |      | 3    | i |   | G  | C | B | C | C |
| B | A034 | <a href="#">Platalea leucorodia</a>                   |  |  | c | 19   | 117  | i |   | G  | B | B | C | B |
| B | A140 | <a href="#">Pluvialis apricaria</a>                   |  |  | c | 18   | 18   | i |   | G  | C | A | C | B |
| B | A140 | <a href="#">Pluvialis apricaria</a>                   |  |  | w |      | 7    | i |   | G  | C | A | C | B |
| B | A141 | <a href="#">Pluvialis squatarola</a>                  |  |  | c | 7    | 7    | i |   | G  | C | B | C | C |
| B | A007 | <a href="#">Podiceps auritus</a>                      |  |  | w |      | 1    | i |   | G  | C | B | C | C |
| B | A007 | <a href="#">Podiceps auritus</a>                      |  |  | c |      | 2    | i |   | G  | C | B | C | C |
| B | A005 | <a href="#">Podiceps cristatus</a>                    |  |  | w |      | 38   | i |   | G  | A | A | C | A |
| B | A005 | <a href="#">Podiceps cristatus</a>                    |  |  | c | 1    | 21   | i |   | G  | A | A | C | A |
| B | A006 | <a href="#">Podiceps grisegena</a>                    |  |  | w |      | 7    | i |   | G  | C | B | C | C |
| B | A006 | <a href="#">Podiceps grisegena</a>                    |  |  | c | 2    | 4    | i |   | G  | C | B | C | C |
| B | A008 | <a href="#">Podiceps nigricollis</a>                  |  |  | c | 30   | 76   | i |   | G  | A | A | C | A |
| B | A008 | <a href="#">Podiceps nigricollis</a>                  |  |  | w | 2    | 135  | i |   | G  | A | A | C | A |
| B | A008 | <a href="#">Podiceps nigricollis</a>                  |  |  | r | 3    | 3    | p |   | G  | A | A | C | A |
| B | A120 | <a href="#">Porzana parva</a>                         |  |  | c | 3    | 3    | i |   | G  | C | B | C | C |
| B | A464 | <a href="#">Puffinus yelkouan</a>                     |  |  | c | 2300 | 4738 | i |   | G  | A | A | B | A |
| B | A118 | <a href="#">Rallus aquaticus</a>                      |  |  | w |      | 2    | i |   | G  | C | B | C | C |
| B | A118 | <a href="#">Rallus aquaticus</a>                      |  |  | c | 9    | 9    | i |   | G  | C | B | C | C |
| B | A118 | <a href="#">Rallus aquaticus</a>                      |  |  | p | 2    | 4    | p |   | G  | C | B | C | C |
| B | A249 | <a href="#">Riparia riparia</a>                       |  |  | c | 6357 | 6357 | i |   | G  | C | A | C | C |
| B | A063 | <a href="#">Somateria mollissima</a>                  |  |  | w |      | 2    | i |   | G  | C | B | C | C |
| B | A063 | <a href="#">Somateria mollissima</a>                  |  |  | c | 1    | 1    | i |   | G  | C | B | C | C |
| B | A193 | <a href="#">Sterna hirundo</a>                        |  |  | c | 48   | 480  | i |   | G  | C | A | C | C |



|   |      |                                     |  |  |      |      |   |   |  |  |   |  |   |  |
|---|------|-------------------------------------|--|--|------|------|---|---|--|--|---|--|---|--|
| B | A329 | <a href="#">Parus caeruleus</a>     |  |  | 6    | 6    | p |   |  |  |   |  | X |  |
| B | A235 | <a href="#">Picus viridis</a>       |  |  | 1    | 1    | p |   |  |  |   |  | X |  |
| B | A267 | <a href="#">Prunella collaris</a>   |  |  |      |      |   | P |  |  |   |  | X |  |
| B | A317 | <a href="#">Regulus regulus</a>     |  |  |      |      |   | P |  |  |   |  | X |  |
| B | A276 | <a href="#">Saxicola torquata</a>   |  |  |      |      |   | P |  |  |   |  | X |  |
| B | A210 | <a href="#">Streptopelia turtur</a> |  |  | 37   | 37   | p |   |  |  |   |  | X |  |
| B | A283 | <a href="#">Sturnus roseus</a>      |  |  | 1000 | 1000 | p |   |  |  | X |  |   |  |
| B | A311 | <a href="#">Sylvia atricapilla</a>  |  |  | 20   | 20   | p |   |  |  |   |  | X |  |
| B | A283 | <a href="#">Turdus merula</a>       |  |  | 30   | 30   | p |   |  |  |   |  | X |  |
| B | A285 | <a href="#">Turdus philomelos</a>   |  |  |      |      |   | P |  |  |   |  | X |  |
| B | A284 | <a href="#">Turdus pilaris</a>      |  |  | 20   | 20   | i |   |  |  |   |  | X |  |

- **Group:** A = Amphibians, B = Birds, F = Fish, Fu = Fungi, I = Invertebrates, L = Lichens, M = Mammals, P = Plants, R = Reptiles
- **CODE:** for Birds, Annex IV and V species the code as provided in the reference portal should be used in addition to the scientific name
- **S:** in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes
- **NP:** in case that a species is no longer present in the site enter: x (optional)
- **Unit:** i = individuals, p = pairs or other units according to the standard list of population units and codes in accordance with Article 12 and 17 reporting, (see [reference portal](#))
- **Cat.:** Abundance categories: C = common, R = rare, V = very rare, P = present
- **Motivation categories:** IV, V: Annex Species (Habitats Directive), A: National Red List data; B: Endemics; C: International Conventions; D: other reasons

## 4. SITE DESCRIPTION

### 4.1 General site character

[Back to top](#)

| Habitat class              | % Cover |
|----------------------------|---------|
| N23                        | 4.0     |
| N04                        |         |
| N21                        | 2.0     |
| N07                        |         |
| N05                        | 1.0     |
| N08                        | 4.0     |
| N01                        | 34.0    |
| N06                        |         |
| N20                        |         |
| N22                        |         |
| N15                        |         |
| N09                        | 15.0    |
| N12                        | 40.0    |
| N16                        |         |
| <b>Total Habitat Cover</b> | NaN     |

### Other Site Characteristics

The site is located in north-eastern Bulgaria and bears the name of the cape within its limits. It covers the easternmost part of the Dobrudzha plateau, with altitude from 0 to 150 m. To the west it borders on the town of Kavarna, to the north on the villages of between Rakovski, Hadzhi Dimitar and Sveti Nikola. To the north-east its limit follows the road Sveti Nikola - Kamen Bryag Tjulenov up to cape Shabla, including the coast with its adjacent shallow marine area from cape Shabla to the port of Kavarna. The village of Bulgarevo and the tourist resort Russalka are also in its limits. The coast is fringed with vertical cliffs up to 100 m high, with characteristic caves and niches. The vegetation is characterized mainly by the prevailing steppe associations and sparse trees and shrubs. It develops on shallow soils and almost exposed limestone rock. The region between Bulgarevo, cape Kaliakra and the area of Eni Kulak holds the last and best preserved steppe habitats in Bulgaria. They are the result of the combination of specific relief, soils and climatic conditions and it is especially important to conserve them, as they support typical species of the steppe biome. Most of the plants belong to the xerothermal type of formations. The flora of Kaliakra resembles the Crimean flora.



## 4.2 Quality and importance

The Kaliakra IBA is the only site in Bulgaria, which keeps the remaining Eastern Dobrudzha steppe, as well as the biggest cliffs along the Bulgarian Black Sea Coast. It supports 310 bird species, 71 of which are listed in the Red Data Book for Bulgaria (1985). Of the birds occurring there 106 species are of European conservation concern (SPEC) (BirdLife International, 2004), 17 of them being listed in category SPEC 1 as globally threatened, 21 in SPEC 2 and 68 in SPEC 3 as species threatened in Europe. The area provides key habitats for 100 species, included in Annex 2 of the Biodiversity Act, which need special conservation measures, of which 95 are listed also in Annex I of the Birds Directive. The territory of Kaliakra holds the last big and comparatively well preserved steppe habitat in the Dobrudzha. It is inhabited by typical steppe species, which are quite numerous Stone Curlew *Burhinus oedicnemus*, Greater Short-toed Lark *Calandrella brachydactyla* and Calandra Lark *Miliaria calandra*, 4 Wheatear species, Rose-colored Starling *Sturnus roseus*. Almost the whole national population of the Pied Wheatear *Oenanthe pleshanka* is concentrated in the region. The Stone Curlew, the Greater Short-toed Lark and the Calandra Lark are presented there with the biggest populations in the country. The coastal cliffs host the only Bulgarian colony of the European Shag *Phalacrocorax aristotelis*. The open biotope supports a number of birds of prey, like the Long-legged Buzzard *Buteo rufinus*, the Common Kestrel *Falco tinnunculus*, the Hobby *Falco subbuteo*, the Levant Sparrowhawk *Accipiter brevipes*, the Eagle Owl *Bubo bubo*, etc. In the marine area of Kaliakra are registered the biggest flocks of the Mediterranean Shearwater *Puffinus yelkouan* in the country. The region is of exceptional importance during migration and it is typical bottleneck site, as it is located on the Via Pontica the second biggest migration flyway in Europe. Every autumn considerable numbers of soaring birds more than 29,000 storks, pelicans and cranes and more than 3,000 birds of prey, including globally threatened species like the Pallid Harrier *Circus macrourus*, the Saker Falcon *Falco cherrug* and the Imperial Eagle *Aquila heliaca* pass over Kaliakra. Cape Kaliakra is the point where Bulgarias land territory reaches farthest into the sea. Due to the specific geography of the coastline (direction east west) and the predominant NW wind migratory birds stay in the area longer than usual migrants, trying to avoid sea and to go back again above the mainland, and soaring to get higher. More than 60% of the migratory birds fly through the area up to 150 m high. When the wind is very strong storks and raptors (mainly harriers) land on the fields between Kavarna and Cape Kaliakra. Only 9% of the birds pass the area flying higher than 500 m. The whole territory of Kaliakra SPA between Kavarna and Tyulenovo is used as stopover site for migratory storks. The Kaliakra IBA is used as stopover site for migratory storks. As they confront the sea on their way south, the numerous flocks of songbirds, Quail and the globally threatened Corncrake *Crex crex* stop there to roost and feed. They migrate mainly during the night. More than 50,000 are registered only in the light part of the days during the autumn migration. Significant numbers of waterbirds overwinter in the area of Kaliakra, mainly geese, which stay there between December and March. They overwinter in the sea and every day they fly over Kaliakra in order to feed in the inland arable lands. Often they land to feed in the arable land in the limits of the proposed SPA. In smaller numbers but regularly the globally threatened Red-breasted goose also overwinter in the region. Forty rare, threatened and endemic plant species and sub-species have been established in the region. Eight of them are included in the European list of rare, threatened and endemic plants and 20 are listed in the Red Data Book for Bulgaria (1984), 15 of them being in the category rare and 10 threatened with extinction.

## 4.3 Threats, pressures and activities with impacts on the site

The most important impacts and activities with high effect on the site

| Negative Impacts |                              |                             |                        |
|------------------|------------------------------|-----------------------------|------------------------|
| Rank             | Threats and pressures [code] | Pollution (optional) [code] | inside/outside [i o b] |
| L                | F01                          |                             | b                      |
| H                | E03.01                       |                             | o                      |
| H                | D02.09                       |                             | b                      |
| H                | C02                          |                             | i                      |
| M                | B02.04                       |                             | i                      |
| H                | F03.01                       |                             | b                      |
| H                | A07                          |                             | b                      |
| M                | G02.08                       |                             | i                      |
| L                | G01.04                       |                             | i                      |
| H                | I01                          |                             | i                      |
| H                | A08                          |                             | o                      |
| H                | E01.01                       |                             | i                      |
| L                | F04                          |                             | i                      |
| H                | C01.01.01                    |                             | i                      |
| M                | J02.12                       |                             | i                      |
| M                | G05.04                       |                             | i                      |
| H                | F02.02.02                    |                             | b                      |
| H                | E03.03                       |                             | b                      |
| M                | B01.02                       |                             | i                      |
| L                | D04.01                       |                             | o                      |
| H                | A10                          |                             | i                      |
| M                | K05.01                       |                             | i                      |
| M                | F02.03                       |                             | i                      |
|                  |                              |                             |                        |

| Positive Impacts |                               |                             |                         |
|------------------|-------------------------------|-----------------------------|-------------------------|
| Rank             | Activities, management [code] | Pollution (optional) [code] | inside /outside [i o b] |
| M                | A03                           |                             | i                       |
| M                | A04                           |                             | b                       |
| L                | A03                           |                             | o                       |

|   |        |  |   |
|---|--------|--|---|
| M | E03.01 |  | i |
| H | E01    |  | i |
| M | D01.02 |  | i |
| M | G05    |  | i |
| M | B02.02 |  | i |
| L | G01.01 |  | i |
| L | G01.05 |  | i |
| M | J01    |  | i |
| H | E03    |  | i |
| M | A08    |  | i |
| M | B02.03 |  | i |
| L | H05    |  | i |
| M | A01    |  | b |

Rank: H = high, M = medium, L = low

Pollution: N = Nitrogen input, P = Phosphor/Phosphate input, A = Acid input/acidification,

T = toxic inorganic chemicals, O = toxic organic chemicals, X = Mixed pollutions

i = inside, o = outside, b = both

#### 4.4 Ownership (optional)

| Type                  | [%]              |    |
|-----------------------|------------------|----|
| Public                | National/Federal | 45 |
|                       | State/Province   | 0  |
|                       | Local/Municipal  | 15 |
|                       | Any Public       | 0  |
| Joint or Co-Ownership | 0                |    |
| Private               | 40               |    |
| Unknown               | 0                |    |
| sum                   | 100              |    |

#### 4.5 Documentation

Initial proposal and description of the site made by Dimitar Georgiev, Dr. Petar Iankov, Irina Kostadinova - Bulgarian Society for the Protection of Birds, Bulgaria, 1111 Sofia, P.O.Box 50, phone (+359 2) 9715855, fax (+359 2) 9715856, www.bspb.org .Data revised by a team of Bulgarian Academy of Sciences (<http://www.bas.bg>) - Dr. B. Ivanov, Dr. B. Nikolov, Dr. D. Nankinov, L. Profirov, P. Simeonov. Documents: Anonimus. 2001. Kachulatiat kormoran. Dobrudzha, BSHPOB, 3, 7.;BDZP/BirdLife Balgariya. 2005. Nacionalna banka za ornitologichna informacia 1988-2005, Balgarsko Druzhestvo za zastita na pticite;Botev, B. and Tz. Peshev, (eds). 1985. Red Data Book of Republic Bulgaria. 2: Animals. Sofia: Bulgarian Academy of Science. (In Bulgarian.);Delipavlov, D., Ia. Guteva, Bozh. Ivanov, S. Nonev, R. Kuneva. 1997. Predvaritelni terenni prouchvania vurhu rastitelnostta, pticite I drebnite bozajnici v rajona na Suha reka. V: Sbornik ot nauchni dokladi Dobrudzha I Kaliakra, BSHPOB, Plovdiv, 72-76.;Iankov, P. 2002.(red.). Svetovno zastrasheni vidove ptici v Bulgaria. Nacionalni planove za dejstvie za opazvaneto im. Chast 1. BDZP-MOSV, Prirodzashtitna poredica, Kn. 4, Sofia: 204-219.;Ivanov, Bozh., S. Nonev. 1997a. Gnezdeshtite ptici v rajona na Kaliakra. V: Sbornik ot nauchni dokladi Dobrudzha I Kaliakra, BSHPOB, Plovdiv, 99-107.;Ivanov, Bozh., S. Nonev. 1997b. Gnezdeshtite ptici v stepnite rajoni po krajbrezhieto mezhdu gr. Balchik I ez. Durankulak. V: Sbornik ot nauchni dokladi Dobrudzha I Kaliakra, BSHPOB, Plovdiv, 108-125.;Kostadinova, I., S.Dereliev. 2001. Results the Mid-Winter Counts of Waterbirds in Bulgaria for the period 1997- 2001. BSPB Conservation Series. Book 3, BSPB, Sofia, BG;MOSV. 2005. Arhiv na zastitenite teritorii v Bulgaria. Baza dannii (nepubl.);Nikolov, Ch. 2002. Nabliudenie na sredna pustrushka (Porzana parva). Za pticite, 1, 11.;Nikolov, Hr., S. Marin, A. Darakchiev. 1999. Malkiat kormoran v Bulgaria. Razprostranenie, chislenost I zaplahi. Nauch. Tr. Plov. Univ., Animalia, 35, 6, 67-81.;Petkov, N. 1997a. Kachulata potapnica (Aythya fuligula). Za pticite, 2 (esen/zima), 13.;Simeonov, S., T. Michev. 1985. Suvremenno razprostranenie I chislenost na buhala (Bubo bubo(L.) v Bulgaria. Ekologia, 15, 60-65.;\*\*\*. 1997. Land Use Plan for Structural Development of Kavarna Municipality. Final Report. Angelova, S. & co. 2002. Management Plan of Kalikara Reserve. Varna. Bulgarian- Swiss Biodiversity Conservation Programme;BirdLife International. 2000. Threatened birds of the world. Barcelona and Cambridge, UK: Lynx Edicions and BirdLife International, 695pp.BirdLife International. 2004. Birds in Europe: Population estimates, trends and conservation status. Cambridge, UK: Birdlife International (Birdlife Conservation Series No. 12).373pp.;BSPB. 2005. Observation of autumn migration of soaring birds in Bulgaria in 2004 in terms of identification of bottleneck IBAs to be included in the European Ecological Network NATURA 2000; BSPB, Sofia, 14pp.BSPB/BirdLife International. 2005. World Bird Database Important Birds Areas.Bulgaria. Cambridge. (unpublished);Grimmet, R. F. A., R. T. A. Jones. 1989. Important Bird Areas in Europe. Cambridge, U.K.: ICBP (ICBP Technical Publication No9);Guidelines for evaluation of protected zones according, which include habitats for birds to art.7, par.3, under the art.6 par.1.3 and 1.4 of the Biodiversity Act. 2005. (In Bulgarian.);Iankov, P., N. Petkov, A. Kovachev, D. Plachiisky. (in print). Pygmy Cormorant in Bulgaria 2001/2002. Final Report.;Ivanov, B., N. Karaivanov, S. Nonev. 1998. Breeding bird communities in the steppe habitats of Dobrudja, Bulgaria. Acta zool. Bulg., 50, 2/3, 67-77.;Kostadinova, I., M. Mihailov, (comp.) 2002. Guide for NATURA 2000 in Bulgaria. BSPB nature conservation series No5. BSPB, Sofia, 80pp. (In Bulgarian.);Kostadinova, I. 2005. Application of C criteria for Identification of Important Bird Areas of European Union importance in Bulgaria. Preliminary implementation and analysis of the gaps. In: Petrova, A. (ed.), Current state of Bulgarian biodiversity problems and perspectives. Pp. 533-548. Bulgarian Bioplatform, SofiaMichev, T., Tz. Petrov, L. Profirov. 1989. Status, breeding, distribution, numbers and conservation of the White Stork in Bulgaria;MOEW. 1998. CORINE Biotopes Database of the sites of European Importance for the biodiversity. Bulgaria, MOSV

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Link(s): <http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0002051&siteType=BirdsDirective>

## 5. SITE PROTECTION STATUS (optional)

### 5.1 Designation types at national and regional level:

[Back to top](#)

| Code | Cover [%] | Code | Cover [%] | Code | Cover [%] |
|------|-----------|------|-----------|------|-----------|
| BG06 | 0.95      | BG01 | 4.4       | BG00 | 94.65     |

### 5.2 Relation of the described site with other sites:

designated at national or regional level:

| Type code | Site name | Type | Cover [%] |
|-----------|-----------|------|-----------|
| BG06      | Stepite   | +    | 0.67      |
| BG01      | Kaliakra  | +    | 4.4       |
| BG06      | Yaylata   | +    | 0.28      |

designated at international level:

| Type  | Site name | Type | Cover [%] |
|-------|-----------|------|-----------|
| Other | IBA       | =    | 100.0     |

### 5.3 Site designation (optional)

So far only 5% of the territory of Kaliakra is under legal protection by the national nature conservation law. On the territory of Kavarna Municipality there are two designated reserves Kaliakra Nature Reserve in the grounds of the village of Bulgarevo and Yaylata Archaeological Reserve in the grounds of the village of Sveti Nikola. The protected area Taukliman is on the northern side of cape Kaliakra. Cape Kaliakra was designated as Important Bird Area by Bird Life International in 1989. In 2005 the area in its present territory was designated again as IBA. It also contains the Kaliakra CORINE Site, designated in 1998 because of its European value for rare and threatened habitats, plant and animal species, including birds.

## 6. SITE MANAGEMENT

### 6.1 Body(ies) responsible for the site management:

[Back to top](#)

|               |                                   |
|---------------|-----------------------------------|
| Organisation: | Ministry of Environment and Water |
| Address:      | 22 Maria Luiza Blvd., Sofia 1000  |
| Email:        | natura2000@moew.government.bg     |

|               |                                      |
|---------------|--------------------------------------|
| Organisation: | State Game-breeding Center - Balchik |
| Address:      | 9600 Balchik, 9 Chernomorec Str.     |
| Email:        | info@dlsbalchik.eu                   |

|               |  |
|---------------|--|
| Organisation: | Basin Directorate for Water Management in the Black Sea Region - Varna |
| Address:      | 33 Aleksandar Dyakovich Str., Varna 9000                               |
| Email:        | bdvarna@bsbd.org   |

|               |   |
|---------------|---|
| Organisation: | Regional Inspectorate of Environment and Water -Varna |
| Address:      | 4 Yan Palah Str., Varna 9000                          |

Email: riosv-vn@mbox.contact.bg

### 6.2 Management Plan(s):

An actual management plan does exist:

|   |
|---|
| <input type="checkbox"/> Yes                    |
| <input type="checkbox"/> No, but in preparation |
| <input checked="" type="checkbox"/> No          |

### 6.3 Conservation measures (optional)

## 7. MAP OF THE SITES

[Back to top](#)

INSPIRE ID:

Map delivered as PDF in electronic format (optional)

Yes  No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).