# Knipowitschia panizzae

**Region:** 1

**Taxonomic Authority:** (Verga, 1841)

**Synonyms:**

**Common Names:**

**Order:** Perciformes

**Family:** Gobiidae

**Notes on taxonomy:**

## General Information

**Biome** ☐ Terrestrial ☑ Freshwater ☐ Marine

**Geographic Range of species:**
Restricted to the Adriatic catchment. It has been introduced in the Tyrrhenian catchment in Italy. In Greece it is only known from the Evinos delta.

**Habitat and Ecology Information:**
A eurihaline species found in fresh and brackish waters

**Conservation Measures:**
It is listed in the Appendix III of the Bern Convention and in the Annex II of the Habitat Directive of EU

**Threats:**
No major threats known.

**Species population information:**
Abundant.

## Country Distribution

| | Native - Presence Confirmed | Native - Presence Possible | Extinct | Reintroduced | Introduced | Vagrant |
|---|---|---|---|---|---|---|
| Albania | ☑ | ☐ | ☐ | ☐ | ☐ | ☐ |
| Bosnia and Herzegovina | ☑ | ☐ | ☐ | ☐ | ☐ | ☐ |
| Greece | ☑ | ☐ | ☐ | ☐ | ☐ | ☐ |
| Italy | ☑ | ☐ | ☐ | ☐ | ☑ | ☐ |

## Upper Level Habitat Preferences

| | | Score |
|---|---|---|
| 5.1 | Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls) | 1 |
| 5.5 | Wetlands (inland) - Permanent Freshwater Lakes (over 8ha) | 1 |
| 10.6 | Coastline - Coastal Brackish/Saline Lagoons | 1 |

## Lower Level Habitat Preferences

Score

## Major threats

| Code | Description of threat | Past | Present | Future |
|---|---|---|---|---|
| 12 | Unknown | ☑ | ☑ | ☑ |

## Conservation Measures

| Code | Conservation measures | In place | Needed |
|---|---|---|---|
| 3 | Research actions | ☐ | ☑ |
| 3.1 | Taxonomy | ☐ | ☑ |
| 3.2 | Population numbers and range | ☐ | ☑ |
| 3.3 | Biology and Ecology | ☐ | ☑ |
| 3.4 | Habitat status | ☐ | ☑ |
| 3.5 | Threats | ☐ | ☑ |
| 3.8 | Conservation measures | ☐ | ☑ |
| 3.9 | Trends/Monitoring | ☐ | ☑ |

**Utilisation of Species**

| Purpose/Type of Use | Subsistence | National | International | *Other purpose:* |
|---|---|---|---|---|
| | | | | Fishing bait |

| | 100% | >75% | 51-75% | 26-50% | <25% | *Other forms removed from the wild:* |
|---|---|---|---|---|---|---|
| **Primary forms removed from the wild** | | | | | | |
| **Source of specimens in commercial trade** | 100% | >75% | 51-75% | 26-50% | <25% | *Other source of specimens:* |

**Trend in wild offtake/harvest in relation to total wild population numbers over last five years:**

**Trend in offtake/harvest produced through domestication/cultivation over last five years:**

**CITES:**

## Red Listing

**Red List Assessment:** Least Concern (LC) ☐ Possibly Extinct

**Red List Criteria:**

**Rationale for the Red List Assessment:** A widespread species with no known major widespread threats.

**Current Population Trend:** Unknown

**Date of Assessment:** 31/10/2004

**Assessor(s):** A.J. Crivelli

**Evaluator:** Bianco, G, Freyhof, J. & Kottelat, M.

**Notes on Red listing:** Freyhof and Kottelat are to confirm whether this is a true species.

## Bibliography

Zerunian, S. & Gandolfi, G., 1986, Considerazioni sui gobidi d'acqua dolce presenti nel basso lazio (Fisces, Gobiidae)., Rivista di Idrobiologia, , , 25, 1-3, ,

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Papa, R., Nonnis Marzano, F., Gandolfi, G. & Tagliavini, J., 2001, Seasonal evolution of Knipowitschia panizzae (Teleostei, Gobiidae), population structure as revealed by biochemical variabilità., Quaderni ETP, , , 30, 131-137, ,