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Zeugopterus regius, Eckström's Topknot

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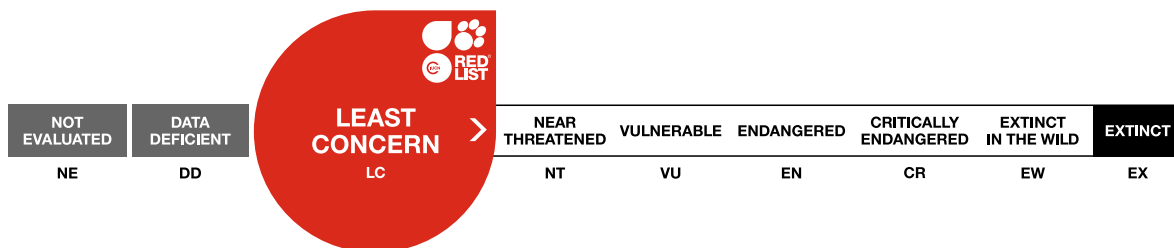
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Zeugopterus regius, Eckström's Topknot

Assessment by: Chanet, B. & Munroe, T.A.



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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Chordata	Actinopterygii	Pleuronectiformes	Scophthalmidae

Scientific Name: *Zeugopterus regius* (Bonnaterre, 1788)

Synonym(s):

- *Phrynorhombus regius* (Bonnaterre, 1788)
- *Pleuronectes regius* Bonnaterre, 1788

Regional Assessments:

- Europe
- Mediterranean

Common Name(s):

- English: Eckström's Topknot

Taxonomic Source(s):

Fricke, R., Eschmeyer, W.N. and Van der Laan, R. (eds). 2021. Eschmeyer's Catalog of Fishes: genera, species, references. Updated 08 June 2021. Available at: <http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatmain.asp..>

Assessment Information

Red List Category & Criteria: Least Concern [ver 3.1](#)

Year Published: 2021

Date Assessed: December 1, 2020

Justification:

This widely distributed, demersal species has no known major threats; therefore, it is listed as Least Concern.

Geographic Range

Range Description:

This species is distributed in the eastern Atlantic from Trondheim Fjord in Norway, western Sweden and the United Kingdom to Morocco (Fricke *et al.* 2007, Munroe and Chanet 2016). It is also known in the Mediterranean Sea from the southwestern region to the Aegean Sea, Turkey and the Sea of Marmara (Fricke *et al.* 2007, Bilecenoğlu *et al.* 2014). The depth range is 10-300 metres, but typically occurs shallower than 180 m (Bañón 2009, Munroe and Chanet 2016).

Country Occurrence:

Native, Extant (resident): Belgium; Denmark; France; Germany; Gibraltar; Greece; Guernsey; Ireland; Italy; Jersey; Malta; Monaco; Morocco; Netherlands; Norway; Portugal; Spain; Sweden; Turkey; United

Kingdom

FAO Marine Fishing Areas:

Native: Atlantic - northeast

Native: Mediterranean and Black Sea

Distribution Map

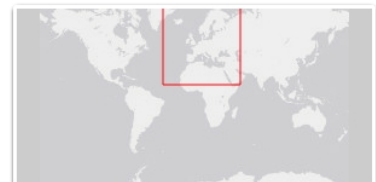


Legend

■ EXTANT (RESIDENT)

Compiled by:

IUCN Marine Biodiversity Unit/GMSA 2020



The boundaries and names shown and the designations used on this map do not imply any official endorsement, acceptance or opinion by IUCN.



Population

Population data are limited. It is naturally rare and has a relatively low abundance within its range (Bañón 2009, Munroe and Chanet 2016).

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

This demersal species occurs on the continental shelf primarily on rocky bottoms and sometimes sandy bottoms (Dunne and Koennecker 1976, Göthel 1992, Nickell and Sayer 1998, Munroe and Chanet 2016). The maximum total length is 22 cm, but is common to 10-15 cm (Bañón 2009, Munroe and Chanet 2016). The length-weight relationship is reported in Silva *et al.* (2013).

Systems: Marine

Use and Trade

This species is of minor commercial interest (Machias *et al.* 2001). It is taken in seines, artisanal fisheries, and trawl fisheries; however, it is not specifically targeted due to its small size and rarity. It is occasionally seen in fish markets (Munroe and Chanet 2016). It is usually discarded when taken as bycatch (Bañón 2009).

Threats

No major threats are known.

Conservation Actions

There are no species-specific conservation measures in place.

This species was regionally assessed as Data Deficient in the Mediterranean regional assessment in 2008 and as Least Concern in the European regional assessment conducted in 2013.

Credits

Assessor(s): Chanet, B. & Munroe, T.A.

Reviewer(s): Linardich, C.

**Facilitator(s) and
Compiler(s):** Linardich, C.

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External Resources

For [Supplementary Material](#), and for [Images and External Links to Additional Information](#), please see the Red List website.

Appendix

Habitats

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Habitat	Season	Suitability	Major Importance?
9. Marine Neritic -> 9.2. Marine Neritic - Subtidal Rock and Rocky Reefs	Resident	Suitable	Yes
9. Marine Neritic -> 9.3. Marine Neritic - Subtidal Loose Rock/pebble/gravel	Resident	Suitable	Yes
9. Marine Neritic -> 9.4. Marine Neritic - Subtidal Sandy	Resident	Suitable	Yes

Use and Trade

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

End Use	Local	National	International
Food - human	Yes	Yes	No

Additional Data Fields

Distribution
Lower depth limit (m): 300
Upper depth limit (m): 10
Population
Population severely fragmented: Unknown

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