

Discoglossus pictus

System: Freshwater_terrestrial

Kingdom	Phylum	Class	Order	Family
Animalia	Chordata	Amphibia	Anura	Alytidae

Common name Painted frog (English)

Synonym *Pseudis picta* ,(Otth, 1837)
Pseudes pictus ,(Otth, 1837)
Discoglossus pictus subsp. vittata ,Camerano, 1884
Discoglossus pictus subsp. pictus
Discoglossus pictus subsp. ocellata ,Camerano, 1884
Discoglossus pictus subsp. auritus ,Herón-Royer, 1888
Discoglossus auritus ,Herón-Royer, 1888
Discoglossus algirus ,Lataste, 1879
Colodactylus coerulescens ,Tschudi, 1845
Colodactylus caerulescens ,Tschudi, 1845

Similar species

Summary The Painted frog *Discoglossus pictus* is found on sandy coastal areas or in Mediterranean woodlands. The species thrives and breeds in lentic freshwater marshes or brackish coastal marshes. Native to the countries of Northern Africa, the painted frog was introduced into the Iberian Peninsula 100 years ago and its distribution has steadily increased since then. It is recorded to have been introduced into France in 1906. Studies show that the Painted frog can compete with native species and their juveniles causing changes in the native populations of anurans including times of metamorphosis, reduced mortality including survival, body mass and activity.



[view this species on IUCN Red List](#)

Habitat Description

Discoglossus pictus thrives and breeds in lentic freshwater marshes or brackish coastal marshes.

Principal source:

Compiler: Shyama Pagad (IUCN SSC Invasive Species Specialist Group)

Review:

Publication date:

ALIEN RANGE

[1] FRANCE
 [1] MOROCCO
 [1] TUNISIA

[1] ITALY
 [1] SPAIN

Red List assessed species 10: VU = 1; LC = 9;

[Alytes obstetricans](#) LC
[Discoglossus galganoi](#) LC
[Epidalea calamita](#) LC
[Hyla meridionalis](#) LC
[Pelodytes punctatus](#) LC

[Bufo spinosus](#) LC
[Discoglossus scovazzi](#) LC
[Hyla intermedia](#) LC
[Pelobates cultripes](#) VU
[Pelophylax perezi](#) LC

BIBLIOGRAPHY

11 references found for *Discoglossus pictus*

Management information

Escoriza, D (2014) Predation of *Hyla intermedia* egg-clutches by tadpoles of *Discoglossus pictus* in Sicily. *Herpetology Notes* 7: 575-576.
Escoriza D, Boix D (2010) Assessing the potential impact of an invasive species on a Mediterranean amphibian assemblage: a morphological and ecological approach. *Hydrobiologia* 680(1): 233-245.
Pujol-Buxó E, Riaño GM, Llorente GA (2019) Stable isotopes reveal mild trophic modifications in a native-invasive competitive relationship. *Biological Invasions* 21(4): 1167-1177.

General information

[Ascensão F, D'Amico M, Martins RC, Rebelo R, Barbosa AM, Bencatel J, Barrientos R, Abellán P, Tella JL, Cardador L, Anadón JD, Carrete M, Murgui E, Fernandes P, Santos SM, Mira A, da Luz Mathias M, Tiago P, Casabella E, Reino L, Paulo OS, Pereira HM, Capinha C \(2021\) Distribution of alien tetrapods in the Iberian Peninsula. *NeoBiota* 64: 1-21. <https://doi.org/10.3897/neobiota.64.55597>](#)
[Escoriza, D., Ben Hassine, J. & Boix, D. Factors regulating the invasive success of an alien frog: a comparison of the ecology of the native and alien populations. *Hydrobiologia* 730, 127-138 \(2014\). <https://doi.org/10.1007/s10750-014-1827-3>](#)
Escoriza D, Boix D (2014) Reproductive habitat selection in alien and native populations of the genus *Discoglossus*. *Acta Oecologica* 59: 97-103.
[IUCN SSC Amphibian Specialist Group. 2021. *Discoglossus pictus*. The IUCN Red List of Threatened Species 2021: e.T55270A89700379.](#)
Montori, A., and J. Fèlix (1981) Ecología trófica estival del sapillo pintojo *Discoglossus pictus* Otth en el nordeste ibérico. *Treballs de la Societat Catalana d'Ictiologia i Herpetologia* 2: 147-166.
[Richter-Boix, A., Garriga, N., Montori, A. et al. Effects of the non-native amphibian species *Discoglossus pictus* on the recipient amphibian community: niche overlap, competition and community organization. *Biol Invasions* 15, 799-815 \(2013\). <https://doi.org/10.1007/s10530-012-0328-4>](#)
San Sebastián O, Navarro J, Llorente GA, Richter-Boix A (2015) Trophic strategies of a non-native and a native amphibian species in shared ponds. *PLoS one* 10(6): e0130549.
San Sebastián O, Pujol-Buxó E, Garriga N, Richter-Boix Á, Llorente GA (2015) Differential trophic traits between invasive and native anuran tadpoles. *Aquatic Invasions* 10(4): 475-484.