FAMILY *Rajidae* Blainville, 1816 - skates

[=Plagiostomia, Platosomia, Raia, Platysomi, Batides, Ablyraja, Cephaloichthyidae, Amblyrajinae, Rostrorajinae, Ritorajinae]

**Notes:** *Plagiostomia* Rafinesque, 1815:93 [ref. 3584] (family)? *Platopterus* [no stem of the type genus, not available, Article 11.7.1.1]

*Platopterus* Rafinesque, 1815:93 [ref. 3584] (subfamily) *Platopterus* [no stem of the type genus, not available, Article 11.7.1.1]

*Raja* de Blainville, 1816:120 [ref. 306] (“genus or even a family”) *Raja* [as *Raia*, name must be corrected Article 32.5.3; clearly used as a suprageneric taxon, Article 11.7.1.2; corrected to *Rajidae* by Bonaparte 1831:165, 188 [ref. 4978] (family), confirmed by Günther 1870:455 [ref. 1995]; Eichwald 1831:114 [ref. 5562], Minding 1832:V [ref. 3022] and Müller & Henle 1838–41:XIX, 132 [ref. 3069] used *Rajae* (family); Gill 1873:790 [ref. 17631] used *Raiidae*; family name sometimes seen as *Raiidae*

*Platosomia* Stark, 1828:388 [ref. 4193] (family) *Raja* [no stem of the type genus, not available, Article 11.7.1.1]

*Batides* van der Hoeven, 1855:255 [ref. 2182] (family)? *Raja* [no stem of the type genus, not available, Article 11.7.1.1]

*Amblyraja* Malm, 1877:607 [ref. 2881] (no family-group name)

*Cephaloichthyidae* Jordan, in Gill, 1894b:113 [ref. 31876] (subfamily) *Cephaloichthys* [name in synonymy; treated as available before 1961?; not available, Article 11.6.1]

*Amblyrajinae* McEachran & Dunn, 1998:278, 279 [ref. 23312] (tribe) *Amblyraja*


*Rostrorajinae* Chiquillo, Ebert, Slager & Crow, 2014: 245, 249 (tribe) *Rostroraja*

**GENUS Amblyraja** Malm, 1877 - skates

[=Amblyraja Malm [A. W.], 1877:120, 607]


**Current status:** Valid as *Amblyraja Malm*, 1877. *Rajidae*.

Species *Amblyraja doellojuradoi* Pozzi, 1935 - Southern thorny skate
Notes: [Physis (Buenos Aires) v. 11; ref. 15672] Off Atlantic coast of Argentina, 39°12'00"S, 56°00'06"W, depth 50-70 fathoms.  
**Current status:** Valid as *Amblyraja doellojuradoi* (Pozzi, 1935). *Rajidae.*  
**Distribution:** Southeastern Pacific and southwestern Atlantic.  
**Habitat:** marine.

Species *Amblyraja frerichsi* (Krefft, 1968) - thickbody skate  
[=*Raja frerichsi* Krefft [G.], 1968:22, Figs. 10-14]  
Notes: [Archiv für Fischereiwissenschaft v. 19 (no. 1); ref. 7902] Off mouth of Rio de la Plata, Argentina, 35°43'S, 52°43'W, depth 1000 meters.  
**Current status:** Valid as *Amblyraja frerichsi* (Krefft, 1968). *Rajidae.*  
**Distribution:** Southeastern Pacific and southwestern Atlantic.  
**Habitat:** marine.

Species *Amblyraja georgiana* (Norman, 1938) - Antarctic starry skate  
[=*Raja georgiana* Norman [J. R.], 1938:4, Fig. 1]  
Notes: [Discovery Reports v. 18; ref. 17162] East Cumberland Bay, South Georgia Island, Discovery station 39, South Atlantic, depth 179-235 meters.  
**Current status:** Valid as *Amblyraja georgiana* (Norman, 1938). *Rajidae.*  
**Distribution:** Southeastern Pacific.  
**Habitat:** marine.

Species *Amblyraja hyperborea* (Collett, 1879) - arctic skate  
[=*Raja hyperborea* Collett [R.], 1879:7, *Raja badia* Garman [S.], 1899:22, Pl. 6 (figs. 1-2),  
*Raja borea* Garman [S.], 1899:24, *Raja robertsi* Hulley [P. A.], 1970:190, Pl. 8 (figs. a-b); Figs 12a-b]  
Notes: [Forhandlinger i Videnskabs-selskabet i Christiania (for 1878) No. 14; ref. 885] Northwest of Spitzbergen, depth 839 meters.  
**Current status:** Valid as *Amblyraja hyperborea* (Collett, 1879). *Rajidae.*  
**Distribution:** Cosmopolitan, North Atlantic, western Arctic Ocean, and South Pacific (New Zealand and Tasmania).
**Habitat:** marine.


Species *Amblyraja jenseni* (Bigelow & Schroeder, 1950) - Jensen's skate

[=_Raja jenseni_ Bigelow [H. B.] & Schroeder [W. C.], 1950:385, Pl. 1]


**Current status:** Valid as *Amblyraja jenseni* (Bigelow & Schroeder, 1950). *Rajidae*.

**Distribution:** North Atlantic: Greenland, western North Atlantic and Mid-Atlantic ridge.

**Habitat:** marine.

Species *Amblyraja radiata* (Donovan, 1808) - thorny skate

[=_Raja radiata_ Donovan [E.], 1808:2 unnum. pp., Pl. 114, _Raia americana_ DeKay [J. E.], 1842:368, Pl. 66 (fig. 215), _Raia scabrata_ Garman [S.], 1913:340, Pls. 21, 44 (figs. 1-3)]

**Notes:** [The natural history of British fishes, including scientific and general descriptions of the most interesting species, and an extensive selection of accurately finished coloured plates.; ref. 17408] North coast of Britain, northeastern Atlantic.

**Current status:** Valid as *Amblyraja radiata* (Donovan, 1808). *Rajidae*.

**Distribution:** North Atlantic, south to South Carolina (U.S.A.) and English Channel (including Baltic Sea, North Sea); southeastern Atlantic: South Africa.
**Habitat**: brackish, marine.


*(scabrata)* [Memoirs of the Museum of Comparative Zoology v. 36; ref. 1545] Massachusetts Bay, Massachusetts, U.S.A.


**Species** *Amblyraja reversa* (Lloyd, 1906) - reversed skate

[=*Raia reversa* Lloyd [R. E.], 1906:310]

**Notes**: [Annals and Magazine of Natural History (Series 7) v. 18 (no. 106); ref. 15662] Arabian Sea off Baluchistan coast, 24°04'04"N, 65°43'15"E, Investigator station 367, depth 820 fathoms.

**Current status**: Valid as *Amblyraja reversa* (Lloyd, 1906). **Rajidae**.

**Distribution**: Western Indian Ocean.

**Habitat**: marine.

**Species** *Amblyraja taaf* (Meisner, 1987) - whiteleg skate

[=*Raja taaf* Meisner [E. E.], 1987:1840, Figs. 1-2]

**Notes**: [Zoologicheskii Zhurnal v. 66 (no. 12); ref. 9114] Lena Bank, 53°01'S, 44°25'E, southwestern Indian Ocean, depth 390-375 meters.

**Current status**: Valid as *Amblyraja taaf* (Meisner, 1987). **Rajidae**.

**Distribution**: Southern Indian Ocean: sub-Antarctic seas and Madagascar.

**Habitat**: marine.

**GENUS** *Beringraja* Ishihara et al., 2012 - skates

[=*Beringraja* Ishihara [H.], Treloar [M.], Bor [P. H. F.], Senou [H.] & Jeong [C. H.], 2012:23]

**Notes**: [ref. 31844]. Fem. *Raja binoculata* Girard, 1855. Type by original designation.

• Valid as *Beringraja* Ishihara, Treloar, Bor, Senou & Jeong, 2012.

**Current status**: Valid as *Beringraja* Ishihara, Treloar, Bor, Senou & Jeong, 2012. **Rajidae**.

**Species** *Beringraja binoculata* (Girard, 1855) - big skate
Raja binoculata Girard [C. F.], 1855:196, Raja cooperi Girard [C. F.] (ex Cooper), 1858:372

Notes: [Proceedings of the Academy of Natural Sciences of Philadelphia v. 7 (no. 6); ref. 18001] San Francisco, California, U.S.A.

Current status: Valid as Beringraja binoculata (Girard, 1855). Rajidae.

Distribution: North Pacific.

Habitat: marine.


Species Beringraja cortezensis (McEachran & Miyake, 1988) - Cortez' ray

Notes: [Copeia 1988 (no. 4); ref. 16259] Off Punta Conceptión, Gulf of California, Mexico, 26°57.0'N, 111°49.8'W.


Distribution: Gulf of California.

Habitat: marine.

Species Beringraja inornata (Jordan & Gilbert, 1881) - California ray

Notes: [Proceedings of the United States National Museum v. 4 (no. 194); ref. 10602] Pacific coast, U.S.A.

Current status: Valid as Beringraja inornata (Jordan & Gilbert, 1881). Rajidae.

Distribution: Eastern Pacific.

Habitat: marine.


Species *Beringraja pulchra* (Lui, 1932) - mottled skate

[=*Raja pulchra* Liu [F. H.], 1932:162, Figs. 10-10a]

Notes: [The Science reports of National Tsing Hua University. Series B: Biological and psychological sciences. v. 1 (no. 5); ref. 13895] Tsingtao, China.

**Current status:** Valid as *Beringraja pulchra* (Liu, 1932). *Rajidae*.

**Distribution:** Western North Pacific.

**Habitat:** marine.

Species *Beringraja rhina* (Jordan & Gilbert, 1880) - longnose skate


Notes: [Proceedings of the United States National Museum v. 3 (no. 141); ref. 10579] Monterey Bay and San Francisco Bay, California, U.S.A.

**Current status:** Valid as *Beringraja rhina* (Jordan & Gilbert, 1880). *Rajidae*.

**Distribution:** Eastern Pacific.

**Habitat:** marine.

Species *Beringraja stellulata* (Jordan & Gilbert, 1880) - starry skate

[=*Raia stellulata* Jordan [D. S.] & Gilbert [C. H.], 1880:133]

Notes: [Proceedings of the United States National Museum v. 3 (no. 129); ref. 10593] Monterey, California, U.S.A.

**Current status:** Valid as *Beringraja stellulata* (Jordan & Gilbert, 1880). *Rajidae*.

**Distribution:** California (U.S.A.) to Mexico.

**Habitat:** marine.

**GENUS** *Breviraja* Bigelow & Schroeder, 1948 - skates


Notes: [ref. 301]. Fem. *Breviraja colesi* Bigelow & Schroeder, 1948. Type by original designation.

- Valid as *Breviraja* Bigelow & Schroeder, 1948 -- (interrelationships and subgenera discussed by McEachran & Compagno 1982 [ref. 2952]; McEachran & Miyake 1987 [ref. 5973], McEachran & Dunn 1998:278 [ref. 23312], Compagno 1999:490 [ref. 25589], Last &

Species *Breviraja claramaculata* McEachran & Matheson, 1985 - brightspot skate  

[=*Breviraja claramaculata* McEachran [J. D.] & Matheson [R. E., Jr.], 1985:1047, Fig. 8]  

Notes: [Copeia 1985 (no. 4); ref. 8137] Off Florida, U.S.A., 29°58'N, 80°07'W, depth 348 meters.  


Distribution: Western Atlantic.  

Habitat: marine.

Species *Breviraja colesi* Bigelow & Schroeder, 1948 - lightnose skate  

[=*Breviraja colesi* Bigelow [H. B.] & Schroeder [W. C.], 1948:559, Figs. 2 (upper left), 6]  

Notes: [Journal of Marine Research v. 7; ref. 301] Off north and central coasts of Cuba, Atlantis station 3483, depth 200-285 fathoms.  


Distribution: Western Atlantic: Bahamas.  

Habitat: marine.

Species *Breviraja mouldi* McEachran & Matheson, 1995 - blacknose skate  

 *Breviraja schroederi* McEachran [J. D.] & Matheson [R. E., Jr.], 1985:1045, Fig. 7]  

Notes: [Copeia 1995 (no. 1); ref. 22015] Off Honduras, 16°43'N, 82°44'W, Oregon station 1943, depth 503 meters.  


Distribution: Western Atlantic.  

Habitat: marine.  

(schroederi) [Copeia 1985 (no. 4); ref. 8137] Off Honduras, 16°43'N, 82°44'W, Oregon station 1943, depth 503 meters.  


Species *Breviraja nigriventralis* McEachran & Matheson, 1985 - blackbelly skate
**GENUS Breviraja** McEachran [J. D.] & Matheson [R. E., Jr.], 1985:1042, Fig. 6

Notes: [Copeia 1985 (no. 4); ref. 8137] Off French Guiana, 7°14′N, 52°55′W, Oregon station 4293, depth 732 meters.

**Current status:** Valid as *Breviraja nigriventralis* McEachran & Matheson, 1985. *Rajidae.*

**Distribution:** Western Atlantic: northern South America.

**Habitat:** marine.

Species *Breviraja spinosa* Bigelow & Schroeder, 1950 - spinose skate

Notes: [Bulletin of the Museum of Comparative Zoology v. 103 (no. 7); ref. 302] 30°58′N, 79°34′W, Atlantis station 3781, depth 250-290 fathoms.

**Current status:** Valid as *Breviraja spinosa* Bigelow & Schroeder, 1950. *Rajidae.*

**Distribution:** Western Atlantic.

**Habitat:** marine.

**GENUS Dentiraja** Whitley, 1940 - skates

Notes: [ref. 4700]. Fem. *Raja dentata* Klunzinger, 1872. Type by original designation (also monotypic). •Synonym of *Raja* Linnaeus, 1758 or *Dipturus* Rafinesque, 1810 -- (earlier authors). •Valid as *Dentiraja* Whitley, 1940 -- (Last & Gledhill 2008:109 [ref. 29650]).

**Current status:** Valid as *Dentiraja* Whitley, 1940. *Rajidae.*

Species *Dentiraja australis* (Macleay, 1884) - Sydney skate

Notes: [Proceedings of the Linnean Society of New South Wales v. 8 (pt 4); ref. 14398] Off Botany Bay, New South Wales, Australia.

**Current status:** Valid as *Dentiraja australis* (Macleay, 1884). *Rajidae.*

**Distribution:** Eastern Australia.

**Habitat:** marine.

Species *Dentiraja cerva* (Whitley, 1939) - whitespotted skate
Species *Dentiraja confusa* (Last, 2008) - Victoria skate (author)

[=*Dipturus confusus* Last [P. R.], 2008:61, Figs. 7-12]


**Current status:** Valid as *Dentiraja confusa* (Last, 2008). *Rajidae.*

**Distribution:** Southeastern Australia: New South Wales to Victoria, including Tasmania.

**Habitat:** marine.

Species *Dentiraja endeavouri* (Last, 2008) - endeavour skate

[=*Dipturus endeavouri* Last [P. R.], 2008:70, Figs. 14-19]

Notes: [CSIRO Marine and Atmospheric Research Paper No. 021; ref. 29648] Southeast of North Stradbroke Island, Queensland, Australia, 27°46'S, 153°51'E, depth 205 meters.

**Current status:** Valid as *Dentiraja endeavouri* (Last, 2008). *Rajidae.*

**Distribution:** Eastern Australia: Queensland to New South Wales.

**Habitat:** marine.

Species *Dentiraja falloargus* (Last, 2008) - Exmouth skate (author)

[=*Dipturus falloargus* Last [P. R.], 2008:77, Figs. 21-16]

Notes: [CSIRO Marine and Atmospheric Research Paper No. 021; ref. 29648] North of Exmouth Gulf, Western Australia, 21°29'S, 114°04'E, depth 242 meters.

**Current status:** Valid as *Dentiraja falloargus* (Last, 2008). *Rajidae.*
**Distribution**: Northwestern Australia: Western Australia to Northern Territory.

**Habitat**: marine.

Species *Dentiraja flindersi* Last & Gledhill, 2008 - pygmy thornback skate

\[=Dentiraja flindersi\] Last [P. R.] & Gledhill [D. C.], 2008:110, Figs. 106

**Notes**: [CSIRO Marine and Atmospheric Research Paper No. 021; ref. 29650] Between Cape St. Albans and Penneshaw (off Kangaroo Island), South Australia, 35°44'S, 138°04'E, depth 31 meters.

**Current status**: Valid as *Dentiraja flindersi* Last & Gledhill, 2008. *Rajidae*.

**Distribution**: Southern Australia.

**Habitat**: marine.

Species *Dentiraja healdi* (Last et al., 2008) - Heald's skate

\[=Dipturus healdi\] Last [P. R.], White [W. T.] & Pogosnki [J. J.], 2008:27, Figs. 14-19

**Notes**: [CSIRO Marine and Atmospheric Research Paper No. 021; ref. 29647] Southwest of Rowley Shoals, Western Australia, 18°02'S, 118°14'E, depth 388-332 meters.

**Current status**: Valid as *Dentiraja healdi* (Last, White & Pogosnki, 2008). *Rajidae*.

**Distribution**: Australia: Western Australia.

**Habitat**: marine.

Species *Dentiraja lemprieri* (Richardson, 1845) - denticulate skate

\[=Raia lemprieri\] Richardson [J.], 1845:34, Pl. 23, *Raja dentata* Klunzinger [C. B.], 1872:46

**Notes**: [Ichthyology of the voyage of H. M. S. Erebus & Terror v. 2 (2); ref. 3740] Port Arthur, Tasmania, Australia.

**Current status**: Valid as *Dentiraja lemprieri* (Richardson, 1845). *Rajidae*.

**Distribution**: Southeastern Australia: Victoria, Tasmania and eastern South Australia.

**Habitat**: marine.

(dentata) [Archiv für Naturgeschichte v. 38 (no. 1); ref. 2623] Port Phillip Bay, Victoria, Australia.

Species *Dentiraja oculus* (Last, 2008) - Bunbury skate (author)

[=*Dipturus oculus* Last [P. R.], 2008:90, Figs. 33-38]

Notes: [CSIRO Marine and Atmospheric Research Paper No. 021; ref. 29648] West of Bunbury, Western Australia, 33°22'S, 114°31'E, depth 203-204 meters.

Current status: Valid as *Dentiraja oculus* (Last, 2008). *Rajidae.*

Distribution: Off western Australia.

Habitat: marine.

Species *Dentiraja polyommata* (Ogilby, 1910) - argus skate

[=*Raja polyommata* Ogilby [J. D.], 1910:86]

Notes: [On some new fishes from the Queensland coast; ref. 3289] 38 miles northeast of North Reef, off Rockhampton, Queensland, Australia, depth 75 fathoms.

Current status: Valid as *Dentiraja polyommata* (Ogilby, 1910). *Rajidae.*

Distribution: Eastern Australia.

Habitat: marine.

GENUS *Dactylobatus* Bean & Weed, 1909 - skates

[=*Dactylobatus* Bean [B. A.] & Weed [A. C.], 1909:459]

Notes: [ref. 220]. Masc. *Dactylobatus armatus* Bean & Weed, 1909. Type by original designation (also monotypic).

• Valid as *Dactylobatus* Bean & Weed, 1909 -- (McEachran & Dunn 1998:278 [ref. 23312], Compagno 1999:490 [ref. 25589], Last & Yearsley 2002:1629 [ref. 26568], McEachran & Carvalho 2003:534 [ref. 26985]).


Species *Dactylobatus armatus* Bean & Weed, 1909 - skilletskate

[=*Dactylobatus armatus* Bean [B. A.] & Weed [A. C.], 1909:459, Pl. 38; Fig.]


**Distribution**: Western Atlantic.

**Habitat**: marine.

Species *Dactylobatus clarkii* (Bigelow & Schroeder, 1958) - hookskate

[=*Raja clarkii* Bigelow [H. B.] & Schroeder [W. C.], 1958:221, Figs. 8-9]


**Current status**: Valid as *Dactylobatus clarkii* (Bigelow & Schroeder, 1958). *Rajidae*.

**Distribution**: Western Atlantic: Florida to southern Brazil.

**Habitat**: marine.

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**GENUS Dipturus** Rafinesque, 1810 - skates

[=*Dipturus* Rafinesque [C. S.], 1810:16]


**Current status**: Valid as *Dipturus* Rafinesque, 1810. *Rajidae*.

Species *Dipturus acrobelus* Last et al., 2008 - deepwater skate

[=*Dipturus acrobelus* Last [P. R.], White [W. T.] & Pogonoski [J. J.], 2008:10, Figs. 1-6]

**Notes**: [CSIRO Marine and Atmospheric Research Paper No. 021; ref. 29647] East of Patricks Head, Tasmania, 42°33'S, 148°42'E,
depth 905-990 meters. 

**Current status:** Valid as *Dipturus acrobelus* Last, White & Pogonoski, 2008. *Rajidae.*

**Distribution:** Southern Australia: New South Wales to Western Australia, including Tasmania.

**Habitat:** marine.

Species *Dipturus amphispinus* Last & Alava, 2013 - Sulu skate (author) 

[=*Dipturus amphispinus* Last [P. R.] & Alava [M.], 2013:215, Figs. 1-10]

**Notes:** [Zootaxa 3752 (no. 1); ref. 33041] Dipolog City public market, Dipolog City, Zanboanga del Norte, Philippines. 

**Current status:** Valid as *Dipturus amphispinus* Last & Alava, 2013. *Rajidae.*

**Distribution:** Sulu Sea, off Philippines.

**Habitat:** marine.

Species *Dipturus apricus* Last et al., 2008 - pale tropical skate 

[=*Dipturus apricus* Last [P. R.], White [W. T.] & Pogonoski [J. J.], 2008:19, Figs. 8-13]

**Notes:** [CSIRO Marine and Atmospheric Research Paper No. 021; ref. 29647] South of Saumarez Reef, Queensland, Australia, 22°35'S, 153°40'E, depth 314-319 meters.

**Current status:** Valid as *Dipturus apricus* Last, White & Pogonoski, 2008. *Rajidae.*

**Distribution:** Off Queensland, Australia.

**Habitat:** marine.

Species *Dipturus batis* (Linnaeus, 1758) - common skate, blue skate

[=*Raja batis* Linnaeus [C.], 1758:231, *Raia flossada* Risso [A.], 1827:145, 
*Raja gaimardi* Gaimard [J. P.] (ex Valenciennes), 1851:Pls. 2-3, 
*Propterygia hyposticta* Otto [A. W.], 1821:6, *Raia intermedia* Parnell [R.], 1837:167, Pl. 2, 
*Raja obscura* Cabrera [A.], Pérez [L.] & Haenseler [F.], 1817:12, 
*Raja obscura* Cabrera, Pérez [A.] & Haenseler [F.], in Graells, 1887:186, 
*Batis vulgaris* Couch [J.], 1862:87, Pl. 18, *Raia vulgaris* Stephan [C. F.], 1779:23]

**Notes:** [Systema Naturae, Ed. X v. 1; ref. 2787] European seas [original: "in Oceano Europæo"]; localities include England, Northeastern
Atlantic; Lesbos Island, Greece, Mediterranean Sea.

**Current status:** Valid as *Dipturus batis* (Linnaeus, 1758). *Rajidae.*

**Distribution:** Baltic Sea, North Sea, Mediterranean Sea, eastern Atlantic: Norway to Senegal.

**Habitat:** marine.


Species *Dipturus bullisi* (Bigelow & Schroeder, 1962) - Bullis skate

[=*Raja bullisi* Bigelow [H. B.] & Schroeder [W. C.], 1962:168, Fig. 1]

**Notes:** [Bulletin of the Museum of Comparative Zoology v. 128 (no. 4); ref. 5793] About 30 miles southwest of Dry Tortugas, Florida, U.S.A., 24°18'N, 83°18'W, Silver Bay station 1199, depth 200 fathoms.

**Current status:** Valid as *Dipturus bullisi* (Bigelow & Schroeder, 1962). *Rajidae.*

**Distribution:** Western Atlantic.
Habitat: marine.

Species *Dipturus campbelli* (Wallace, 1967) - blackspot skate

[=*Raja campbelli* Wallace [J. H.], 1967:24, Fig. 12]

Notes: [Investigational Report. Oceanographic Research Institute Durban No. 17; ref. 7929] 24 miles east of Durban, KwaZulu-Natal, South Africa, southwestern Indian Ocean, depth 175 fathoms.


Distribution: Southwestern Indian Ocean: kwaZulu-Natal and southern Mozambique.

Habitat: marine.

Species *Dipturus canutus* Last, 2008 - grey skate

[=*Dipturus canutus* Last [P. R.], 2008:54, Figs. 1-6]

Notes: [CSIRO Marine and Atmospheric Research Paper No. 021; ref. 29648] East of Maria Island, Tasmania, Australia, 42°40'S, 148°25'E, depth 448-460 meters.


Distribution: Southern Australia: New South Wales to Western Australia, including Tasmania.

Habitat: marine.

Species *Dipturus chinensis* (Basilewsky, 1855) - Chinese dipturus skate (author)

[=*Raia chinensis* Basilewsky [S.], 1855:251]

Notes: [Nouveaux mémoires de la Société impériale des naturalistes de Moscou v. 10; ref. 200] "Oriental Sea", northern China.

Current status: Valid as *Dipturus chinensis* (Basilewsky, 1855). *Rajidae.*

Distribution: China to Japan including Taiwan.

Habitat: marine.

Species *Dipturus crosnieri* (Séret, 1989) - Madagascar skate

[=*Raja (Dipturus) crosnieri* Séret [B.], 1989:116, Figs. 1-9]

Notes: [Cybium v. 13 (no. 2); ref. 12827] Southwestern coast of Madagascar, 22°05'S, 22°30'E, depth 300-850 meters.
**Current status:** Valid as *Dipturus crosnieri* (Séret, 1989). *Rajidae.*

**Distribution:** Western Indian Ocean.

**Habitat:** marine.

Species *Dipturus doutrei* (Cadenat, 1960) - javelin skate, violet skate

[=*Raja doutrei* Cadenat [J.], 1960:294, Figs. 1-11, 13, 15]

**Notes:** [Bulletin de l'Institut Français d' Afrique Noire (Sér A) Sciences Naturelles v. 22 (no. 1); ref. 11900] Senegal, depth 450-500 meters.

**Current status:** Valid as *Dipturus doutrei* (Cadenat, 1960). *Rajidae.*

**Distribution:** Eastern Atlantic and southwestern Indian Ocean: Mauritania to southeastern South Africa.

**Habitat:** marine.

Species *Dipturus ecuadoriensis* (Beebe & Tee-Van, 1941) - Ecuador skate

[=*Raja ecuadoriensis* Beebe [W.] & Tee-Van [J.], 1941:255, Fig. 14]

**Notes:** [Zoologica, Scientific Contributions of the New York Zoological Society v. 26 (pt 3, no. 26); ref. 16103] San Helena Bay, Ecuador.

**Current status:** Valid as *Dipturus ecuadoriensis* (Beebe & Tee-Van, 1941). *Rajidae.*

**Distribution:** Ecuador.

**Habitat:** marine.

Species *Dipturus garricki* (Bigelow & Schroeder, 1958) - San Blas skate


**Notes:** [Bulletin of the Museum of Comparative Zoology v. 119 (no. 2); ref. 12049] Northern Gulf of Mexico, 28°32'N, 86°20'W, Oregon station 1277, depth 260 fathoms.

**Current status:** Valid as *Dipturus garricki* (Bigelow & Schroeder, 1958). *Rajidae.*

**Distribution:** Western Atlantic.

**Habitat:** marine.

Species *Dipturus gigas* (Ishiyama, 1958) - giant skate

[=*Raja (Tengujei) gigas* Ishiyama [R.], 1958:386 [194], Figs. 84 W, 86]
Notes: [Journal of the Shimonoseki College of Fisheries v. 7 (nos 2-3); ref. 2308] Off Aichi Prefecture, Japan.


Distribution: Western Pacific.

Habitat: marine.

Species Dipturus grahamorum Last, 2008 - Graham's skate

[=Dipturus grahami Last [P. R.], 2008:84, Figs. 27-32]

Notes: [CSIRO Marine and Atmospheric Research Paper No. 021; ref. 29648] East of Terrigal, New South Wales, Australia, 33°30'S, 152°04'E, depth 446-515 meters.


Distribution: Eastern Australia: Queensland to New South Wales.

Habitat: marine.

Species Dipturus gudgeri (Whitley, 1940) - greenback skate

[=Zearaja gudgeri Whitley [G. P.], 1940:188, Fig. 217]

Notes: [Royal Society of New South Wales, Zoological Handbook; ref. 4700] Great Australian Bight, Australia.

Current status: Valid as Dipturus gudgeri (Whitley, 1940). Rajidae.

Distribution: Australia: New South Wales to southern Australia and to Western Australia.

Habitat: marine.

Species Dipturus innominatus (Garrick & Paul, 1974) - New Zealand smooth skate

[=Raja innominata Garrick [J. A. F.] & Paul [L. J.], 1974:357, Figs. 6-7]

Notes: [Journal of the Royal Society of New Zealand v. 4 (no. 3); ref. 7421] Cape Campbell, New Zealand.

Current status: Valid as Dipturus innominatus (Garrick & Paul, 1974). Rajidae.

Distribution: New Zealand.

Habitat: marine.

Species Dipturus intermedius (Parnell, 1837) - intermediate dipturus skate (author)
Raia intermedia Parnell [R.], 1837:167, Pl. 2


Current status: Valid as Dipturus intermedius (Parnell, 1837). Rajidae.
Distribution: Northeast Atlantic Ocean.
Habitat: marine.

Species Dipturus johannisdavisi (Alcock, 1899) - Tranvancore skate

[=Raja johannisdavisi Alcock [A. W.], 1899:21]

Notes: [A descriptive catalogue of the Indian deep-sea fishes in the Indian Museum; ref. 5114] Laccadive Sea, off Travancore coast, 11°14'30"N, 74°57'15"E, Investigator station 246, depth 410-520 meters.

Distribution: Western Indian Ocean.
Habitat: marine.

Species Dipturus kwangtungensis (Chu, 1960) - Kwangtung skate

[=Raja kwangtungensis Chu [Y.-T.], 1960:148, Figs. 137-139]

Notes: [Cartilaginous fishes of China; ref. 21272] Jia-Bo, China.

Distribution: Western North Pacific: South China Sea; possible elsewhere.
Habitat: marine.

Species Dipturus laevis (Mitchill, 1818) - barndoor skate


Notes: [American Monthly Magazine and Critical Review v. 2 (no. 6, art. 1); ref. 30214] New York City by East River, New York, U.S.A.

Current status: Valid as Dipturus laevis (Mitchill, 1818). Rajidae.
Distribution: Western Atlantic.
Habitat: marine.


Species *Dipturus lanceorostratus* (Wallace, 1967) - rattail skate

[=Raja lanceorostrata* Wallace [J. H.], 1967:15, Fig. 8]


Distribution: Mozambique and Taiwan.

Habitat: brackish, marine.

Species *Dipturus leptocauda* (Krefft & Stehmann, 1975) - thintail skate

[=Raja (Dipturus) leptocauda *Krefft [G.] & Stehmann [M. F. W.], 1975:79, Figs. 1-2]

Notes: [Archiv für Fischereiwissenschaft v. 25 (no. 3); ref. 7435] Off southern Brazil, 24°21'S, 43°54'W, depth 500 meters.


Distribution: Southern Brazil, southwestern Atlantic.

Habitat: marine.

Species *Dipturus macrocauda* (Ishiyama, 1955) - bigtail skate

[=Raja macrocauda *Ishiyama [R.], 1955:43, Figs. 1-2]

Notes: [Journal of the Shimonoseki College of Fisheries v. 4 (no. 1); ref. 12276] Miya fish market, Japan.


Distribution: Western North Pacific: Japan.

Habitat: marine.

Species *Dipturus melanospilus* Last et al., 2008 - blacktip skate
Species *Dipturus melanospilus* Last [P. R.], White [W. T.] & Pogonoski [J. J.], 2008:34, Figs. 20-25


**Distribution**: Eastern Australia: Queensland to New South Wales.

**Habitat**: marine.

Species *Dipturus mennii* Gomes & Paragó, 2001 - South Brazilian skate

*Notes*: [Boletim do Museu Nacional do Rio de Janeiro No. 448; ref. 25669] Santa Catarina, 26°44'15"S, 47°09'57", western Brazil.


**Distribution**: Off southeastern and southern Brazil, southwestern Atlantic.

**Habitat**: marine.


Species *Dipturus nidarosiensis* (Storm, 1881) - Norwegian skate


**Current status**: Valid as *Dipturus nidarosiensis* (Storm, 1881). *Rajidae*.

**Distribution**: Eastern Atlantic and Mediterranean Sea.

**Habitat**: marine.

Species *Dipturus olseni* (Bigelow & Schroeder, 1951) - spreadfin skate


**Current status**: Valid as *Dipturus olseni* Bigelow [H. B.] & Schroeder [W. C.], 1951:386, Fig. 2.
Species *Dipturus oregoni* (Bigelow & Schroeder, 1958) - hooktail skate


Notes: [Bulletin of the Museum of Comparative Zoology v. 119 (no. 2); ref. 12049] Northern Gulf of Mexico, 29°10'N, 88°13'W, Oregon station 1247, depth 205 fathoms.


Distribution: Western Atlantic.

Habitat: marine.

Species *Dipturus oxyrinchus* (Linnaeus, 1758) - long-nosed burton skate


Notes: [Systema Naturae, Ed. X v. 1; ref. 2787] Mediterranean Sea [original: "in M. Mediterraneo & O. Europæo"]; localities include Marseille, France; Liguria and Rome, Italy; Syria; Lesbos Island, Greece.

Current status: Valid as *Dipturus oxyrinchus* (Linnaeus, 1758). *Rajidae*.

Distribution: Mediterranean Sea, eastern Atlantic: Norway and North Sea to Senegal including Madeira (rare) and Canary Islands.

Habitat: marine.

(acus) [Histoire naturelle des poissons (Lacepède) v. 5; ref. 4930] Coast of France or England, northeastern Atlantic.


Species *Dipturus pullopunctata* (Smith, 1964) - slime skate

[*=Raia pullopunctata* Smith [J. L. B.], 1964:285, Pl. 25 (fig. A)]

Notes: [Videnskabelige Meddelelser fra Dansk Naturhistorisk Forening, Kjøbenhavn. v. 126; ref. 3444] Algoa Bay, 31°7'E, 29°59'S, off coast of South Africa, western Indian Ocean, depth 100 fathoms.

Current status: **Valid** as *Dipturus pullopunctatus* (Smith, 1964). *Rajidae*.

Distribution: Southeastern Atlantic to southwestern Indian Ocean: Namibia and South Africa.

Habitat: marine.

Species *Dipturus queenslandicus* Last et al., 2008 - Queensland deepwater skate

[*=Dipturus queenslandicus* Last [P. R.], White [W. T.] & Pogonoski [J. J.], 2008:42, Figs. 26-31]

Notes: [CSIRO Marine and Atmospheric Research Paper No. 021; ref. 29647] South of Saumarez Reef, Saumarez Plateau, Queensland, Australia, 22°49'S, 154°10'E, depth 445-450 meters.


Distribution: Queensland, Australia.

Habitat: marine.

Species *Dipturus springeri* (Wallace, 1967) - roughbelly skate

[*=Raja springeri* Wallace [J. H.], 1967:18, Figs. 9-10]


Distribution: Southeastern Atlantic and western Indian Ocean.

Habitat: marine.
Species *Dipturus stenorhynchus* (Wallace, 1967) - prow-nose skate

[=Raja stenorhynchus Wallace [J. H.], 1967:23, Fig. 11]


**Current status:** Valid as *Dipturus stenorhynchus* (Wallace, 1967). *Rajidae.*

**Distribution:** Western Indian Ocean.

Species *Dipturus teevani* (Bigelow & Schroeder, 1951) - prickly brown ray

[=Raja teevani Bigelow [H. B.] & Schroeder [W. C.], 1951:388, Fig. 3, Raja floridana Bigelow [H. B.] & Schroeder [W. C.], 1962:173, Figs. 2-3]


**Current status:** Valid as *Dipturus teevani* (Bigelow & Schroeder, 1951). *Rajidae.*

**Distribution:** Western Atlantic, from Gulf of Mexico to Colombia and on the coast of Bahia.

**Habitat:** marine.


**Distribution:** Western Atlantic. **Habitat:** marine.

Species *Dipturus tengu* (Jordan & Fowler, 1903) - acutenose skate

[=Raja tengu Jordan [D. S.] & Fowler [H. W.], 1903:654, Fig. 8]

**Notes:** [Proceedings of the United States National Museum v. 26 (no. 1324); ref. 2460] Matsushima Bay, Sndai, Japan.

**Current status:** Valid as *Dipturus tengu* (Jordan & Fowler, 1903). *Rajidae.*

**Distribution:** Western North Pacific.

**Habitat:** marine.
Species *Dipturus trachyderma* (Krefft & Stehmann, 1975) - roughskin skate

[*Raja (Dipturus) trachyderma* Krefft [G.] & Stehmann [M. F. W.], 1975:86, Figs. 7-8]

**Notes:** [Archiv für Fischereiwissenschaft v. 25 (no. 3); ref. 7435] Off southern Argentina, southwestern Atlantic, 49°00'S, 60°52'W, depth 200-195 meters.

**Current status:** Valid as *Dipturus trachyderma* (Krefft & Stehmann, 1975). *Rajidae.*

**Distribution:** Southwestern Atlantic.

**Habitat:** marine.

Species *Dipturus wengi* Seret & Last, 2008 - Weng's skate


**Notes:** [CSIRO Marine and Atmospheric Research Paper No. 021; ref. 29649] East of Sydney, New South Wales, Australia, 33°43'S, 151°54'E, depth 486-509 meters.

**Current status:** Valid as *Dipturus wengi* Séret & Last, 2008. *Rajidae.*

**Distribution:** Eastern Australia: Queensland, New South Wales, and Tasmania.

**Habitat:** marine.

Species *Dipturus wuhanlingi* Jeong & Nakabo, 2008 - Wu's skate


**Notes:** [Ichthyological Research v. 55 (no. 2); ref. 29612] Open waters of the South China Sea.

**Current status:** Valid as *Dipturus wuhanlingi* Jeong & Nakabo, 2008. *Rajidae.*

**Distribution:** South China Sea, East China Sea.

**Habitat:** marine.

**GENUS Hongeo** Jeong & Nakabo, 2009 - Korean skates


**Current status:** Valid as Hongeo Jeong & Nakabo, 2009. Rajidae.

Species **Hongeo koreana** (Jeong & Nakabo, 1997) - Korean skate


**Notes:** [Ichthyological Research v. 44 (no. 4); ref. 23364] Chongsan-myeion, Wando-gun, Chollanam-do, southwestern sea of Korea, about 34°02'N, 126°08'E, depth about 30-70 meters.

**Current status:** Valid as Hongeo koreana (Jeong & Nakabo, 1997). Rajidae.

**Distribution:** Korean Peninsula: southwestern sea of Korea.

**Habitat:** marine.

**GENUS Leucoraja** Malm, 1877 - skates

[=Leucoraja Malm [A. W.], 1877:121, 609]

**Notes:** [ref. 2881]. Fem. Raja fullonica Linnaeus, 1758. Type by subsequent designation. Type designated by Jordan 1919:391 [ref. 4904].

• Synonym of Raja Linnaeus, 1758, but a valid subgenus Leucoraja -- (Stehmann 1973:64 [ref. 7168]).

• Valid as Leucoraja Malm, 1877 -- (McEachran & Dunn 1998:279 [ref. 23312], Compagno 1999:491 [ref. 25589], Last & Yearsley 2002:1640 [ref. 26568], McEachran & Carvalho 2003:537 [ref. 26985], Last et al. 2008:145 [ref. 29653], Ishihara et al. 2012:18 [ref. 31844]).

**Current status:** Valid as Leucoraja Malm 1877. Rajidae.

Species **Leucoraja circularis** (Couch, 1838) - cuckoo ray

[=Raja circularis Couch [J.], 1838:53, Raja falsavela Bonaparte [C. L.], 1839:fasc. 26, punt. 136, Pl. 148 (fig. 1), Raja falsavela var. intermedia Döderlein [P.], 1884:202, Raja falsavela var. maggiore Döderlein [P.], 1884:202]

**Notes:** [A Cornish fauna, being a compendium of the natural history of the county; ref. 18049] Cornwall, England, northeastern Atlantic.

**Current status:** Valid as Leucoraja circularis (Couch, 1838). Rajidae.

**Distribution:** Mediterranean Sea, eastern Atlantic: Iceland and Norway to Morocco (possibly to Senegal).

**Habitat:** marine.

(falsavela) [Iconografia della fauna italica; ref. 4895] Italy, western Mediterranean Sea.

(intermedia) [Manuale Ittiologico del Mediterraneo ossia sinossi metodica delle varie specie di pesci riscontrate sin qui nel Mediterraneo ossia senossi metodica delle di Sicilia. 5 parts.; ref. 17416] Palermo, Sicily, Italy, Mediterranean Sea.


(maggiore) [Manuale Ittiologico del Mediterraneo ossia sinossi metodica delle varie specie di pesci riscontrate sin qui nel Mediterraneo ossia senossi metodica delle di Sicilia. 5 parts.; ref. 17416] Palermo, Sicily, Italy, Mediterranean Sea.


Species *Leucoraja compagnoi* (Stehmann, 1995) - tiger-tail skate

[=*Raja (Leucoraja) compagnoi* Stehmann [M. F. W.], 1995:43, Fig. 10]

Notes: [Archive of Fishery and Marine Research v. 43 (no. 1); ref. 22055] Off South Africa, 30°44'S, 15°18'E, depth 550 meters.

**Current status:** **Valid** as *Leucoraja compagnoi* (Stehmann, 1995). *Rajidae*.

**Distribution:** Southeastern Atlantic to western Indian Ocean: South Africa and kwaZulu-Natal.

**Habitat:** marine.

Species *Leucoraja erinacea* (Mitchill, 1825) - little skate

[=*Raja erinaceus* Mitchill [S. L.], 1825:290]

Notes: [American Journal of Science and Arts v. 9; ref. 17778] Barnegat and southeast of Sandy Hook, New Jersey, U.S.A.

**Current status:** **Valid** as *Leucoraja erinacea* (Mitchill, 1825). *Rajidae*.

**Distribution:** Western Atlantic.

**Habitat:** marine.

Species *Leucoraja fullonica* (Linnaeus, 1758) - shagreen skate


Notes: [Systema Naturae, Ed. X v. 1; ref. 2787] European seas [original: "in M. Europeo"]; localities include England, Northeastern Atlantic; southern France, Mediterranean Sea.

**Current status:** **Valid** as *Leucoraja fullonica* (Linnaeus, 1758). *Rajidae*. 
**Distribution**: White Sea, western Baltic Sea, North Sea, Mediterranean Sea, eastern Atlantic, Arctic Ocean: Murmansk (Russia) to northern Morocco including Madeira.

**Habitat**: marine.

(*chagrinea*) [General zoology or systematic natural history; ref. 4015] European Seas.


(*rondeleti*) [Vie et Milieu v. 10 (fasc. 1); ref. 11978] Northwestern Mediterranean Sea.


Species *Leucoraja garmani* (Whitley, 1939) - rosette skate


**Notes**: [Australian Zoologist v. 9 (pt 3); ref. 4695] Off South Carolina, 32°24'N, 78°44'W, depth 142 fathoms.

**Current status**: Valid as *Leucoraja garmani* (Whitley, 1939). **Rajidae**.

**Distribution**: Western Atlantic.

**Habitat**: marine.

(*caribbaea*) [Bulletin of Marine Science v. 27 (no. 3); ref. 7268] Off Quintana Roo, 21°13'N, 86°27'W, Mexico, depth 457 meters.


Species *Leucoraja lentiginosa* (Bigelow & Schroeder, 1951) - freckled skate

[=*Raja lentiginosa* Bigelow [H. B.] & Schroeder [W. C.], 1951:383, Fig. 1]

**Notes:** [Journal of the Washington Academy of Sciences v. 41 (no. 12); ref. 12883] Campeche Bank, Gulf of Mexico, 22°32'N, 88°47'W, depth 29 fathoms.

**Current status:** Valid as *Leucoraja lentiginosa* (Bigelow & Schroeder, 1951). *Rajidae.*

**Distribution:** Western Atlantic.

**Habitat:** marine.

Species *Leucoraja leucosticta* (Stehmann, 1971) - whitedappled skate

[=*Raja (Leucoraja) leucosticta* Stehmann [M. F. W.], 1971:3, Figs. 3-9, 12]

**Notes:** [Archiv für Fischereiwissenschaft v. 22 (no. 1); ref. 7474] West Africa, 4°58'S, 11°20'30"E, eastern Atlantic, depth 200-300 meters.

**Current status:** Valid as *Leucoraja leucosticta* (Stehmann, 1971). *Rajidae.*

**Distribution:** Eastern Atlantic.

**Habitat:** marine.

Species *Leucoraja melitensis* (Clark, 1926) - Maltese ray

[=*Raia melitensis* Clark [R. S.], 1926:43, Pl. 21 (fig. b)]

**Notes:** [Fisheries, Scotland, Scientific Investigations 1926 No. 1; ref. 15582] Malta, Mediterranean Sea.

**Current status:** Valid as *Leucoraja melitensis* (Clark, 1926). *Rajidae.*

**Distribution:** Western Mediterranean Sea.

**Habitat:** marine.

Species *Leucoraja naevus* (Müller & Henle, 1841) - sandy ray


**Notes:** [Systematische Beschreibung der Plagiostomen; ref. 3069] Abbeville, France; Toulon, France, western Mediterranean Sea; Atlantic coasts of Europe; Mediterranean Sea.

**Current status:** Valid as *Leucoraja naevus* (Müller & Henle, 1841). *Rajidae.*
**Distribution**: Mediterranean Sea, eastern Atlantic: North Sea to Senegal.  
**Habitat**: marine.

Species *Leucoraja ocellata* (Mitchill, 1815) - big skate, winter skate  

[\textit{=Raja ocellata} Mitchill [S. L.], 1815:477, \textit{Raja diaphanes} Mitchill [S. L.], 1815:478]  
**Notes**: [Transactions of the Literary and Philosophical Society of New-York v. 1 (art. 5) (for 1814); ref. 13292] New York, U.S.A.  
**Current status**: Valid as *Leucoraja ocellata* (Mitchill, 1815). \textit{Rajidae}.  
**Distribution**: Western Atlantic.  
**Habitat**: marine.  
(\textit{diaphanes}) [Transactions of the Literary and Philosophical Society of New-York v. 1 (art. 5) (for 1814); ref. 13292] New York, U.S.A.  

Species *Leucoraja pristispina* Last et al., 2008 - sawback skate  

[\textit{=Leucoraja pristispina} Last [P. R.], Stehmann [M. F. W.] & Séret [B.], 2008:145, Figs. 1-6]  
**Notes**: [CSIRO Marine and Atmospheric Research Paper No. 021; ref. 29653] Southwest of Imperieuse Reef (Rowley Shoals), Western Australia, 18°07’S, 118°09’E, depth 400-404 meters.  
**Current status**: Valid as *Leucoraja pristispina* Last, Stehmann & Séret, 2008. \textit{Rajidae}.  
**Distribution**: Australia: Western Australia.  
**Habitat**: marine.

Species *Leucoraja wallacei* (Hulley, 1970) - yellow spotted skate  

[\textit{=Raja wallacei} Hulley [P. A.], 1970:210, Pl. 12 (fig. b); Fig. 19 (a-b)]  
**Current status**: Valid as *Leucoraja wallacei* (Hulley, 1970). \textit{Rajidae}.  
**Distribution**: Southeastern Atlantic and western Indian Ocean: southern Africa (South Africa to Mozambique).  
**Habitat**: brackish, marine.
Species *Leucoraja yucatanensis* (Bigelow & Schroeder, 1950) - Yucatan skate, Yucatan whiteskate

![Image](https://via.placeholder.com/150)

Notes: [Bulletin of the Museum of Comparative Zoology v. 103 (no. 7); ref. 302] Off northeastern Yucatán, Mexico, 20°19'10"N, 87°03'30"W, Albatross station 2359, depth 231 fathoms.

**Current status:** Valid as *Leucoraja yucatanensis* (Bigelow & Schroeder, 1950). *Rajidae.*

**Distribution:** Western Atlantic.

**Habitat:** marine.

**GENUS Malacoraja** Stehmann, 1970 - skates

![Image](https://via.placeholder.com/150)

Notes: [ref. 4202]. Fem. *Raja mollis* Bigelow & Schroeder, 1950. Type by original designation. Type clearly designated originally as above on both pages 151 and 159, but in subsequent articles workers wrongly list *Raja spinacidermis* Barnard, 1923 as type.

• Synonym of *Raja* Linnaeus, 1758, but a valid subgenus *Malacoraja* as described -- (Stehmann 1973:65 [ref. 7168]).


**Current status:** Valid as *Malacoraja* Stehmann, 1970. *Rajidae.*

Species *Malacoraja kreffti* (Stehmann, 1978) - Kreft's ray

![Image](https://via.placeholder.com/150)

Notes: [Archiv für Fischereiwissenschaft v. 28 (no. 2/3); ref. 6982] Northwest slope Bill-Bailey's-Bank, northeastern Atlantic, 61°08'N, 11°26'W, Walther Herwig station 894/74, depth 1200 meters.

**Current status:** Valid as *Malacoraja kreffti* (Stehmann, 1978). *Rajidae.*

**Distribution:** Eastern North Atlantic.

**Habitat:** marine.
Species **Malacoraja obscura** Carvalho et al., 2005 - Brazilian soft skate

[=**Malacoraja obscura** Carvalho [M. R. de], Gomes [U. L.] & Gadig [O. B. F.], 2005:241, Figs. 1-13]

Notes: [Neotropical Ichthyology v. 3 (no. 2); ref. 28271] Espírito Santo State, Brazil, 19°39'57"S, 38°38'26"W, depth 808 meters.

**Current status**: Valid as *Malacoraja obscura* Carvalho, Gomes & Gadig, 2005. *Rajidae.*

**Distribution**: Southwestern Atlantic, off southeastern Brazil.

**Habitat**: marine.

Species **Malacoraja senta** (Garman, 1885) - prickly skate

[=**Raja senta** Garman [S.], 1885:43]

Notes: [Proceedings of the United States National Museum v. 8 (no. 482); ref. 14445] Provincetown, Massachusetts, U.S.A.; Le Have Bank.

**Current status**: Valid as *Malacoraja senta* (Garman, 1885). *Rajidae.*

**Distribution**: Western Atlantic.

**Habitat**: brackish, marine.

Species **Malacoraja spinacidermis** (Barnard, 1923) - roughskin skate


Notes: [Annals of the South African Museum v. 13 (pt 8, no. 14); ref. 191] South Africa (exact locality unknown).

**Current status**: Valid as *Malacoraja spinacidermis* (Barnard, 1923). *Rajidae.*

**Distribution**: Eastern Atlantic: Nibia to Cape Point, South Africa; North Atlantic.

**Habitat**: marine.

**(mollis)** [Bulletin of the Museum of Comparative Zoology v. 103 (no. 7); ref. 302] South of southern Nova Scotia, 41°53′00″N, 65°35′00″W, Albatross station 2072, depth 858 fathoms.


**GENUS Neoraja** McEachran & Compagno, 1982 - skates

[=**Neoraja** McEachran [J. D.] & Compagno [L. J. V.], 1982:422]

Notes: [ref. 2952]. Fem. *Breviraja caerulea* Stehmann, 1976. Type by original designation. Also described as a new subgenus.

**Current status:** Valid as *Neoraja* McEachran & Compagno, 1982. *Rajidae.*

Species *Neoraja africana* (Stehmann & Seret, 1983) - West African pygmy skate

[=*Breviraja africana* Stehmann [M. F. W.] & Séret [B.], 1983:904, Figs. 1-10]

**Notes:** [Bulletin du Museum National d'Histoire Naturelle Ser. 4: Section A: Zoologie Biologie et Ecologie Animales v. 5 (no. 3); ref. 8276]


**Current status:** Valid as *Neoraja africana* (Stehmann & Séret, 1983). *Rajidae.*

**Distribution:** Eastern Atlantic.

**Habitat:** marine.

Species *Neoraja caerulea* (Stehmann, 1976) - blue ray


**Notes:** [Archiv für Fischereiwissenschaft v. 27 (no. 2); ref. 7394] Rockall basin, west of British Isles, 57°00'N, 15°50'W, Walther Herwig station 284/74, northeastern Atlantic, depth 987-1007 meters.

**Current status:** Valid as *Neoraja caerulea* (Stehmann, 1976). *Rajidae.*

**Distribution:** Eastern North Atlantic.

**Habitat:** marine.

Species *Neoraja carolinensis* McEachran & Stehmann, 1984 - Carolina pygmy skate


**Current status:** Valid as *Neoraja carolinensis* McEachran & Stehmann, 1984. *Rajidae.*

**Distribution:** Western Atlantic.
Habitat: marine.

Species *Neoraja iberica* Stehmann et al., 2008 - Iberian pygmy skate


Notes: [Cybium v. 32 (no. 1); ref. 29638] Iberian Peninsula, eastern North Atlantic, 36°50.7' to 26°54.2'N, 7°44.8' to 7°39.1'W, 558-531 meters depth.


Habitat: marine.

Species *Neoraja stehmanni* (Hulley, 1972) - African dwarf skate

[=*Breviraja stehmanni* Hulley [P. A.], 1972:254, Figs. 1-5]

Notes: [Annals of the South African Museum v. 60 (no. 9); ref. 7616] Cape basin, Atlantic.


Distribution: Southeastern Atlantic and southwestern Indian Ocean off South Africa.

Habitat: marine.

GENUS *Okamejei* Ishiyama, 1958 - skates

[=*Okamejei* (subgenus of *Raja*) Ishiyama [R.], 1958:354 [162]]

Notes: [ref. 2308]. Fem. *Raja fusca* Garman, 1885. Type by original designation. •Synonym of *Raja* Linnaeus, 1758, but a valid subgenus *Okamejei* as described -- (Ishihara & Ishiyama 1986:274 [ref. 5142], Ishihara 1987:248 [ref. 6264]).


Species *Okamejei acutispina* (Ishiyama, 1958) - sharpspine skate
Species **Okamejei acutispina** Ishiyama [R.] 1958:358 [166], Pl. 2 N; Fig. 74

**Current status:** Valid as *Okamejei acutispina* (Ishiyama, 1958). *Rajidae.*

**Habitat:** marine.

**Distribution:** Western Pacific.

**Notes:** [Journal of the Shimonoseki College of Fisheries v. 7 (nos 2-3); ref. 2308] Sea of Japan, off Shimane Prefecture, Japan.

Species **Okamejei arafurensis** Last & Gledhill, 2008 - Arafura skate

**Current status:** Valid as *Okamejei arafurensis* Last [P. R.] & Gledhill [D. C.], 2008:120, Figs. 1-6

**Notes:** [CSIRO Marine and Atmospheric Research Paper No. 021; ref. 29651] Arafura Sea, off Northern Territory, Australia, 9°04'S, 133°04'E, depth 179-205 meters.

**Habitat:** marine.

**Distribution:** Northwestern Australia: Northern Territory to Western Australia.

Species **Okamejei boesemani** (Ishihara, 1987) - Boeseman's skate

**Current status:** Valid as *Okamejei boesemani* Ishihara [H.], 1987:248, Fig. 6

**Notes:** [Japanese Journal of Ichthyology v. 34 (no. 3); ref. 6264] East China Sea, 32°15'N, 125°05'E.

**Habitat:** marine.

**Distribution:** Northwestern and western Pacific.

Species **Okamejei cairae** Last et al., 2010 - Borneo sand skate

**Current status:** Valid as *Okamejei cairae* Last [P. R.], Fahmi [no initials] & Ishihara [H.], 2010:90, Figs. 1-5, 7a, 8a-b

**Notes:** [CSIRO Marine and Atmospheric Research Paper No. 032; ref. 30852] Flamboyan Market, Pontiak (West Kalimantan). Borneo, Indonesia, 0°02'S, 109°20'E.

**Habitat:** marine.

**Distribution:** South China Sea off western Borneo, Indonesia.
Species *Okamejei heemstrai* (McEachran & Fechhelm, 1982) - East African skate

[=Raja *(Okamejei) heemstrai* McEachran [J. D.] & Fechhelm [J. D.], 1982:441, Figs. 1-5]

**Notes:** [Proceedings of the Biological Society of Washington v. 95 (no. 3); ref. 8444] Off Kenya, Western Indian Ocean, 2°59'S, 40°25'E, depth 260 meters.

**Current status:** Valid as *Okamejei heemstrai* (McEachran & Fechhelm, 1982). *Rajidae.*

**Distribution:** Western Indian Ocean.

**Habitat:** marine.

Species *Okamejei hollandi* (Jordan & Richardson, 1909) - yellow-spotted skate

[=Raja *hollandi* Jordan [D. S.] & Richardson [R. E.], 1909:163, Pl. 64]

**Notes:** [Memoirs of the Carnegie Museum v. 4 (no. 4); ref. 2493] Kaohsiung, Taiwan.

**Current status:** Valid as *Okamejei hollandi* (Jordan & Richardson, 1909). *Rajidae.*

**Distribution:** Northwestern and western Pacific.

**Habitat:** marine.

Species *Okamejei kenojei* (Müller & Henle, 1841) - ocellate-spot skate

[=Raja *kenojei* Müller [J.] & Henle [F. G. J.] (ex Bürger), 1841:149, [Pl. 48],

*Raja atriventralis* Fowler [H. W.], 1934:241, Fig. 5,

*Raja japonica* Nyström [E.], 1887:52 *Raja fusca* Garman [S.], 1885:42, *Raja porosa* Günther [A.], 1874:154,

*Raja tobae* Tanaka [S.], 1916:313, *Raja katsukii* Tanaka [S.], 1927:662, Pl. 154 (figs. 426-428)]

**Notes:** [Systematische Beschreibung der Plagiostomen; ref. 3069] Nagasaki market, Japan.

**Current status:** Valid as *Okamejei kenojei* (Müller & Henle, 1841). *Rajidae.*

**Distribution:** Western Pacific.

**Habitat:** marine.

(atriventralis) [Proceedings of the Academy of Natural Sciences of Philadelphia v. 85 (for 1933); ref. 1416] Japan (questionable).


*(porosa)* [Annals and Magazine of Natural History (Series 4) v. 13 (no. 74) (art. 23); ref. 14189] China.


*(tobae)* [Dobutsugaku Zasshi = Zoological Magazine Tokyo v. 28; ref. 17352] Off Toba, Mie Prefecture, Japan.


Species *Okamejei leptoura* Last & Gledhill, 2008 - thin-tail skate

[=*Okamejei leptoura* Last [P. R.] & Gledhill [D. C.], 2008:125, Figs. 7-12]

**Notes:** [CSIRO Marine and Atmospheric Research Paper No. 021; ref. 29651] North of Cape Lambert, Western Australia, 18°57'S, 117°14'E, depth 248-253 meters.

**Current status:** *Valid* as *Okamejei leptoura* Last & Gledhill, 2008. *Rajidae*.

**Distribution:** Australia: Western Australia.

**Habitat:** marine.

Species *Okamejei meerdervoortii* (Bleeker, 1860) - bigeye skate

[=*Raja meerdervoortii* Bleeker [P.], 1860:66, *Raja macrophthalmalma* Ishiyama [R.], 1950:31, Fig. 1 (MA)]

**Notes:** [Acta Societatis Regiae Scientiarum Indo-Neêrlandicae v. 8 (art. 1); ref. 374] Nagasaki, Japan.

**Current status:** *Valid* as *Okamejei meerdervoortii* (Bleeker, 1860). *Rajidae*.

**Distribution:** Western Pacific.

**Habitat:** marine.

*(macrophthalma)* [Japanese Journal of Ichthyology v. 1 (no. 1); ref. 18327] Off Hamada Prefecture, Japan, depth 80-90 meters.

Species **Okamejei mengae** Jeong et al., 2007 - mengae skate (author)

\[=\text{Okamejei mengae} \text{ Jeong [C.-H.], Nakabo [T.] \\ & Wu [H.-L.], 2007:58, Figs. 1-2}\]

**Notes**: [Korean Journal of Ichthyology v. 19 (no. 1); ref. 29187] Shantou, Gwangdong, China.

**Current status**: Valid as *Okamejei mengae* Jeong, Nakabo & Wu, 2007. Rajidae.

**Distribution**: South China Sea.

**Habitat**: marine.

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Species **Okamejei ornata** Weigmann et al., 2015 - ornate skate

\[=\text{Okamejei ornata} \text{ Weigmann [S.], Stehmann [M. F. W.] \\ & Thiel [R.], 2015:19, Figs. 1-15, S1-S10}\]

**Notes**: [Deep-Sea research II v. 115; ref. 33795] Off Socotra Islands, 12°16'06"N, 53°08'02"E to 12°14'07"N, 53°06'02"E, depth 375-380 meters.

**Current status**: Valid as *Okamejei ornata* Weigmann, Stehmann & Thiel, 2015. Rajidae.

**Distribution**: Indian Ocean, off Socotra Islands (Somalia).

**Habitat**: marine.

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Species **Okamejei schmidti** (Ishiyama, 1958) - browneye skate

\[=\text{Raja (Okamejei) schmidti} \text{ Ishiyama [R.], 1958:374 [182], Pl. 3 S; Fig. 81}\]

**Notes**: [Journal of the Shimonoseki College of Fisheries v. 7 (nos 2-3); ref. 2308] Off Ehime Prefecture, Bungo Strait, Japan.

**Current status**: Valid as *Okamejei schmidti* (Ishiyama, 1958). Rajidae.

**Distribution**: Western North Pacific: Japan.

**Habitat**: marine.

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GENUS **Orbiraja** Last et al., 2016 - skates

\[=\text{Orbiraja} \text{ Last [P. R.], Weigmann [S.] \\ & Dumale [D.], 2016:53}\]

**Notes**: [ref. 34868]. Fem. *Okamejei jensenae* Last & Lim, 2010. Type by original designation (also monotypic).

• Valid as *Orbiraja* Last, Weigmann & Dumale, 2016 -- (Last et al. 2016:209 [ref. 35000]).

**Current status**: Valid as *Orbiraja* Last, Weigmann & Dumale, 2016. Rajidae.
Species *Orbiraja jensenae* (Last & Lim, 2010) - Sulu Sea skate  
[=*Okamejejia jensenae* Last [P. R.] & Lim [A. P. K.], 2010:102, Figs. 1-6]  
**Notes:** [CSIRO Marine and Atmospheric Research Paper No. 032; ref. 30853] Dipolog Public Market, Dipoog City, Philippines, ca. 87°28’N, 123°20’E.  
**Current status:** Valid as *Orbiraja jensenae* (Last & Lim, 2010). *Rajidae.*  
**Distribution:** Eastern Borneo and Sulu Sea, Philippines.  
**Habitat:** marine.  

Species *Orbiraja philipi* (Lloyd, 1906) - Philip's skate (author)  
[=*Raia philipi* Lloyd [R. E.], 1906:309]  
**Notes:** [Annals and Magazine of Natural History (Series 7) v. 18 (no. 106); ref. 15662] Gulf of Aden, 13°36’N, 47°32’E, depth 130 fathoms.  
**Current status:** Valid as *Orbiraja philipi* (Lloyd, 1906). *Rajidae.*  
**Distribution:** Gulf of Aden.  
**Habitat:** marine.  

Species *Orbiraja powelli* (Alcock, 1898) - Indian ringed skate  
[=*Raja powelli* Alcock [A. W.], 1898:145]  
**Notes:** [Annals and Magazine of Natural History (Series 7) v. 2 (no. 8) (art. 22); ref. 92] Gulf of Martaban, Myanmar, 14°26’N, 96°23’E, Investigator station 226, depth 67 fathoms.  
**Current status:** Valid as *Orbiraja powelli* (Alcock, 1898). *Rajidae.*  
**Distribution:** Indian Ocean.  
**Habitat:** marine.  

**GENUS Raja** Linnaeus, 1758 - skates  
Clavata (subgenus of Raja) de Buen [F.], 1926:33, Dasybatis Blainville [H. de], 1825:12,
Dasybatis Bonaparte [C. L.], 1834:puntata 32,
Deltaraia (subgenus of Raja) Leigh-Sharpe [W. H.], 1924:567, 573, Eleutherocephalus Agassiz [L.], 1846:71, 136,
Epsilonraia (subgenus of Raja) Leigh-Sharpe [W. H.], 1924:568, 574,
Gammaaraia (subgenus of Raja) Leigh-Sharpe [W. H.], 1924:567, 571,
Hieroptera Fleming [J.], 1841:238, Iotarai (subgenus of Raja) Leigh-Sharpe [W. H.], 1924:568, 577,
Kapparaia (subgenus of Raja) Leigh-Sharpe [W. H.], 1926:353, Laeviraja Bonaparte [C. L.], 1834:puntata 32,
Oxyrhyynchus de Buen [F.], 1926:32, Perioptera Gistel [J.], 1848:XI, Plataopterus Rafinesque [C. S.], 1815:93,
Propetrygia Otto [A. W.], 1821:111, Rajabatia De la Pylaie [A. J. M.], 1835:528,
Spiniraja (subgenus of Raja) Whitley [G. P.], 1939:251,
Tengujei (subgenus of Raja) Ishiyama [R.], 1958:354, 377[162,185],
Thetaraia (subgenus of Raja) Leigh-Sharpe [W. H.], 1924:568, 577


Current status: Valid as Raja Linnaeus, 1758. Rajidae.

(Alpharaia) [ref. 5748]. Fem. Raja circularis Couch, 1838. Type by original designation (also monotypic). As a "pseudogenus" of Raia [=Raja]. Not available [Art. 1.3.5], used as an artificial category (see Leigh-Sharpe 1928 [ref. 6152]).

•In the synonymy of Raja Linnaeus, 1758. Current status: Synonym of Raja Linnaeus, 1758. Rajidae.

(Argoraja) [ref. 4700]. Fem. Raja polyommata Ogilby, 1910. Type by original designation (also monotypic).

(Batis) [ref. 4979]. Fem. Raja radula Delaroche, 1809. Type by original designation (see p. 2 of separate; also monotypic). Objectively invalid; preoccupied by Batis Boie, 1833 in Aves. •Synonym of Raja Linnaeus, 1758 -- (Stehmann 1973:58 [ref. 7168]).


(Betaraia) [ref. 5748]. Fem. Raja clavata Linnaeus, 1758. Type by original designation. As a "pseudogenus" of Raia [=Raja]. Not available [Art. 1.3.5], used as an artificial category (see Leigh-Sharpe 1928 [ref. 6152]). Same as Amblyraja Malm, 1877 and Hieroptera Fleming 1841. •In the synonymy of Raja Linnaeus, 1758 -- (Stehmann 1973:58 [ref. 7168]).


(Cephalotheurus) [ref. 3595]. Masc. Cephalotheurus maculatus Rafinesque, 1810. Type by monotypy. Evidently based on a deformed Raja clavata. Eleutherocephalus Agassiz, 1846:71, 136 [ref. 64] is an unjustified emendation. •Synonym of Raja Linnaeus, 1758.


(Clavata) [ref. 5054]. Raja clavata Linnaeus, 1758. As a "grupo" for 8 species of Raja. Not available on basis of Art. 1.3.5 [see de Buen's definition of "grupo" on p. 11]. •In the synonymy of Raja Linnaeus, 1758. Current status: Synonym of Raja Linnaeus, 1758. Rajidae.

(Dasybatis) [ref. 4991]. Fem. Raja batis Linnaeus, 1758. Type by subsequent designation. Jordan 1917:134 [ref. 2407] lists as above with author as Serville, but name can be considered an incorrect subsequent spelling of Dasybatis Blainville and author is Blainville; see remarks under Blainville 1825 [ref. 4991]. •Synonym of Raja Linnaeus, 1758. Current status: Synonym of Raja Linnaeus, 1758. Rajidae.

(Dasybatus) [ref. 517]. Masc. Raja radula Delaroche, 1809. Apparently appeared first in puntata 32, fasc. 6 under Raja marginata and spelled Leiobatus and Leiobatis; also appeared in puntata 68 under Raja radula. Bonaparte attributes the name to Blainville, so Bonaparte's treatment is not regarded as an original description. Also appeared in Bonaparte 1838:203 [ref. 4979] with Raja clavata Linnaeus, 1758 as type species. •In the synonymy of Raja Linnaeus, 1758. Current status: Synonym of Raja Linnaeus, 1758. Rajidae.

(Dasybatis) [ref. 2370]. Masc. DASYBATIS DIPTERURUS Jordan & Gilbert, 1880. Type by monotypy.

•Synonym of Dasybatis Blainville, 1816 -- (Kottelat 2013:25 [ref. 32989]). Current status: Synonym of Raja Linnaeus, 1758. Dasyatidae.

(Dasybatus) [ref. 306]. Masc. Raja clavata Linnaeus, 1758. Type by subsequent designation. Type apparently first designated by Bonaparte 1838:203 [ref. 4979]. Not Dasybatus Klein, 1775. •Synonym of Raja Linnaeus, 1758 -- (Stehmann 1973:58 [ref. 7168]).


(Deltaraia) [ref. 5748]. Fem. Raja radiata Donovan, 1808. Type by original designation. As a "pseudogenus" of Raia [=Raja]. Not available [Art. 1.3.5], used as an artificial category (see Leigh-Sharpe 1928 [ref. 6152]). •In the synonymy of Raja Linnaeus, 1758, subgenus Amblyraja Malm, 1877 -- (Stehmann 1973:61 [ref. 7168]). Current status: Synonym of Raja Linnaeus, 1758. Rajidae.
(Eleutherocephalus) [ref. 64]. Cephaleutherus maculatus Rafinesque, 1810. An unjustified emendation of Cephaleutherus Rafinesque, 1810.

• In the synonymy of Raja Linnaeus, 1758. Current status: Synonym of Raja Linnaeus, 1758. Rajidae.

(Epsilonraia) [ref. 5748]. Fem. Raja platana Günther, 1880. Type by original designation. As a "Psudogenus" of Raia [= Raja]. Not available [Art. 1.3.5], used as an artificial category (see Leigh-Sharpe 1928 [ref. 6152]). • In the synonymy of Raja Linnaeus, 1758. Current status: Synonym of Raja Linnaeus, 1758. Rajidae.

(Gammararia) [ref. 5748]. Fem. Raja batis Linnaeus, 1758. Type by original designation. As a "pseudogenus" of Raia [=Raja]. Not available [Art. 1.3.5], used as an artificial category (see Leigh-Sharpe 1928 [ref. 6152]). • In the synonymy of Raja Linnaeus, 1758, subgenus Dipturus Rafinesque, 1810 -- (Stehmann 1973:62 [ref. 7168]). Current status: Synonym of Raja Linnaeus, 1758. Rajidae.

(Hieroptera) [ref. 1340]. Fem. Hieroptera abredonensis Fleming, 1841. Type by original designation (also monotypic). Based on a deformed specimen of Raja clavata. • Synonym of Raja Linnaeus, 1758. Recent status: Synonym of Raja Linnaeus, 1758. Rajidae.

(Iotaraia) [ref. 5748]. Fem. Raja marginata Lacepède, 1803. Type by original designation (also monotypic). As a "pseudogenus" of Raia [=Raja]. Not available [Art. 1.3.5], used as an artificial category (see Leigh-Sharpe 1928 [ref. 6152]). • In the synonymy of Raja Linnaeus, 1758 -- (Stehmann 1973:58 [ref. 7168]). Current status: Synonym of Raja Linnaeus, 1758. Rajidae.

(Kapparaia) [ref. 5628]. Fem. Raja ocellata Mitchell, 1815. Type by original designation (also monotypic). As a "pseudogenus" of Raia [=Raja]. Not available [Art. 1.3.5], used as an artificial category (see Leigh-Sharpe 1928 [ref. 6152]). • In the synonymy of Raja Linnaeus, 1758. Current status: Synonym of Raja Linnaeus, 1758. Rajidae.

(Laeviraja) [ref. 517]. Fem. Raja oxyrinchus Linnaeus, 1758. Type by subsequent designation. Described in puntata 32, fasc. 6, under Raja marginata with other species mentioned; also in puntata 130, fasc. 25. Earliest subsequent type designation not researched, possibly by Bonaparte 1838: 203 [7 of separate] [ref. 4979]. • Synonym of Raja Linnaeus, 1758, subgenus Dipturus Rafinesque, 1810 -- (Stehmann 1973:62 [ref. 7168]). Current status: Synonym of Raja Linnaeus, 1758. Rajidae.

(Oxyrhynchus) [ref. 5054]. Masc. As a "grupo" for 4 species of Rajidae. Not available on basis of Art. 1.3.5 [see de Buen's definition of "grupo" on p. 11]. Also objectively invalid; preoccupied by Oxyrhynchus Leach, 1818 in fishes. • In the synonymy of Raja Linnaeus, 1758. Current status: Synonym of Raja Linnaeus, 1758. Rajidae.

(Perioptera) [ref. 1822]. Fem. Hieroptera abredonensis Fleming, 1841. Type by being a replacement name. Apparently a replacement for Peroptera in fishes; according to Fowler 1969:537 [ref. 6832] it is an unneeded replacement for Hieroptera Fleming, 1841; Peroptera as used by Gistel 1848: XI also regarded as an emendation or replacement. • Synonym of Raja Linnaeus, 1758. Current status: Synonym of Raja Linnaeus, 1758. Rajidae.
(Platopterus) [ref. 3584]. Masc. Raja mireletus Linnaeus, 1758. Type by being a replacement name. A "Platopterus R. Raja L." meaning a new name Platopterus Rafinesque for Raja Linnaeus. Based on style in this work, this is an available (unnecessary) replacement name for and objective synonym of Raja Linnaeus, 1758. Also appeared as new in Rafinesque 1818:272 [ref. 5087].

(Propterygia) [ref. 3321]. Fem. Propterygia hyposticta Otto, 1821. Type by monotypy. Apparently based on a deformed specimen of Raja batis. Description and figure as given by Otto are reproduced in Fleming 1841:238 [ref. 1340], in which Fleming dates to Otto 1821.

(Rajabutis) [ref. 1086]. Fem. Raja mosaiica Lacepède, 1802. Not seen. Misspelled Rajabatis in 1990 edition of the "Genera." Perhaps not intended as a generic name (Jordan 1919:183 [ref. 2410]). •In the synonymy of Raja Linnaeus, 1758.

(Spiniraja) [ref. 4695]. Fem. Raja (Spiniraja) ogilbyi Whitley, 1939. Type by monotypy. •Synonym of Raja Linnaeus 1758.

(Tengujei) [ref. 2308]. Fem. Raja tengu Jordan & Fowler, 1903. Type by original designation. •Synonym of Raja Linnaeus, 1758, subgenus Dipterus Rafinesque, 1810 -- (see Ishihara & Ishiyama 1986:274 [ref. 5142]).

(Thetaraia) [ref. 5748]. Fem. Raja eatonii Günther, 1876. Type by original designation (also monotypic). As a "Pseudogenus" of Raia (= Raja). Not available [Art. 1.3.5], used as an artificial category (see Leigh-Sharpe 1928 [ref. 6152]).
•In the synonymy of Raja Linnaeus, 1758. Current status: Synonym of Raja Linnaeus, 1758. Rajidae.

Species Raja africana Capapé, 1977 - African ray

[=Raja africana Capapé [C.], 1977:69, Figs. 1-3]

Notes: [Bulletin de la Société des sciences naturelles de Tunisie. v. 12; ref. 19485] Between Cap Blanc and Cap Vert off Mauritania, depth 200 meters.


Distribution: Southwestern Mediterranean Sea, eastern Atlantic: Mauritania.

Habitat: marine.
Species *Raja arctowskii* Dollo, 1904 - Antarctic skate (author)

[=*Raja arctowskii* Dollo [L.], 1904:52, Pl. 9 (fig. 10)]

**Notes:** [Résultats du voyage du S. Y. Belgica; ref. 1135] Antarctic, 3 stations, depth 400-569 meters.

**Current status:** Valid as *Raja arctowskii* Dollo, 1904. *Rajidae.*

**Distribution:** Antarctic.

**Habitat:** marine.

Species *Raja asterias* Delaroche, 1809 - starry skate


**Notes:** [Annales du Muséum d'Histoire Naturelle, Paris v. 13; ref. 17380] Barcelona, Spain, western Mediterranean Sea.

**Current status:** Valid as *Raja asterias* Delaroche, 1809. *Rajidae.*

**Distribution:** Mediterranean Sea and adjacent coast of Portugal (eastern Atlantic).

**Habitat:** marine.

(alba) [Sinonimia moderna delle specie registrate nell' opera intitolata: ...; ref. 17994]


(jojenia) [Atti della Accademia Gioenia di Scienze Naturali in Catania v. 11; ref. 18011] Sicily, Italy, Mediterranean Sea.


(punctata) [Ichthyologie de Nice; ref. 3755] Nice, France, northwestern Mediterranean Sea.


(schultzii) [Systematische Beschreibung der Plagiostomen; ref. 3069] Mediterranean Sea.


Species *Raja brachyura* Lafont, 1873 - blonde ray
Notes: [Actes de la Société Linnéenne de Bordeaux v. 28 (v. 8 in Ser. 3); ref. 17484] Gironde estuary, France, Northeastern Atlantic.

**Current status:** Valid as *Raja brachyura* Lafont, 1871. **Rajidae.**

**Distribution:** Eastern Atlantic (including southern North Sea, Madeira).

**Habitat:** marine.

*(blanda)* [Journal of the Marine Biological Association (Ser. 2) v. 3; ref. 14554] North Sea.


Species *Raja clavata* Linnaeus, 1758 - thornback skate


Notes: [Systema Naturae, Ed. X v. 1; ref. 2787] Mediterranean Sea and northeastern Atlantic [original: "in Oceano Europæo"]; localities include Germany, North Sea; Marseille, France; Italy; Greece, Mediterranean Sea.

**Current status:** Valid as *Raja clavata* Linnaeus, 1758. **Rajidae.**

**Distribution:** Baltic Sea, North Sea, Mediterranean Sea, Black Sea, eastern Atlantic: Iceland to Namibia; possibly South Africa and Mauritius (Mascarenes).

**Habitat:** brackish, marine.

*(abredonensis)* [The Edinburgh new philosophical journal; exhibiting a view of the progressive discoveries and improvements in the sciences and the arts. v. 31 (no. 62); ref. 1340] Aberdeen Bay, Scotland.


*(aspera)* [Ichthyologie de Nice; ref. 3755] Nice, France, northwestern Mediterranean Sea.


Species *Raja herwigi* Krefft, 1965 - Cape Verde skate

[=*Raja herwigi* Krefft [G.], 1965:209, Figs. 1-2]

**Notes:** [Archiv für Fischereiwissenschaft v. 15 (no. 3); ref. 9221] Southeast of Boavista Island, Cape Verde Islands, 15°59’N, 22°41’W, depth 57-60 [or 50-70] meters.

**Current status:** Valid as *Raja herwigi* Krefft, 1965. *Rajidae.*

**Distribution:** Eastern Atlantic.

**Habitat:** marine.

Species *Raja karagea* Tanaka, 1927 - Toba ray (author)


**Notes:** [Figures and descriptions of the fishes of Japan v. 40; ref. 14923] Off Toba, Mie Prefecture, Japan.

**Distribution**: Japan.

**Habitat**: marine.

*(tobae)* [Figures and descriptions of the fishes of Japan v. 40; ref. 14923] Off Toba, Mie Prefecture, Japan.


Species *Raja maderensis* Lowe, 1838 - Madeiran ray

[=*Raia maderensis* Lowe [R. T.], 1838:195]

**Notes**: [Transactions of the Zoological Society of London v. 2 (pt 3, art. 14); ref. 2831] Off Madeira, eastern Atlantic.


**Distribution**: Eastern Atlantic: Azores, Madeira and Canary Islands.

**Habitat**: marine.

Species *Raja microocellata* Montagu, 1818 - owl ray

[=*Raia microocellata* Montagu [G.], 1818:430]

**Notes**: [Memoirs of the Wernerian Natural History Society, Edinburgh v. 2 (Pt. 2, art. 27); ref. 17785] South coast of Devonshire, Devon, England, United Kingdom, English Channel, Northeastern Atlantic.


**Distribution**: Eastern Atlantic including southern North Sea.

**Habitat**: marine.

Species *Raja miraletus* Linnaeus, 1758 - brown ray


**Notes**: [Systema Naturae, Ed. X v. 1; ref. 2787] Mediterranean Sea [original: "in mari Mediterraneo"]; localities include Provence and Marseille, France; Venice, Italy.


**Distribution**: Mediterranean Sea, eastern Atlantic: Portugal to South Africa (Madeira record doubtful); southwestern Indian Ocean: South Africa.
**Habitat**: brackish, marine.


**Species** *Raja montagui* Fowler, 1910 - Homelyn ray


**Current status:** Valid as *Raja montagui* Fowler, 1910. *Rajidae.*

**Distribution:** Baltic Sea, North Sea, Mediterranean Sea, eastern Atlantic: Shetland Islands to Mauritania.

**Habitat:** marine.

*maculata* [Memoirs of the Wernerian Natural History Society, Edinburgh v. 2 (Pt. 2, art. 27); ref. 17785] Southern coast of Devonshire, Devon, England, English Channel, northeastern Atlantic.


**Species** *Raja ocellifera* Regan, 1906 - Algoa skate


**Current status:** Valid as *Raja ocellifera* Regan, 1906. *Rajidae.*

**Distribution:** Off southern Africa, from South Africa and Namibia.

**Habitat:** brackish, marine.

**Species** *Raja parva* Last & Seret, 2016 - African brown skate


**Notes:** [Zootaxa 4147 (no. 4); ref. 34640] Current status: Synonym of *Raja parva* Last & Séret, 2016. *Rajidae.*
**Distribution**: Eastern Central Atlantic, Senegal south to Namibia.

**Habitat**: marine.

Species **Raja pita** Fricke & Al-Hassan, 1995 - pita ray


**Notes**: [Stuttgarter Beiträge zur Naturkunde. Serie A (Biologie). No. 529; ref. 22649] Persian Gulf at Fao, Iraq, 29°54'N, 48°25'E, depth 0-15 meters.


**Distribution**: Western Indian Ocean: northern Persian Gulf.

**Habitat**: marine.

Species **Raja polystigma** Regan, 1923 - speckled ray

[=Raia polystigma Regan [C. T.], 1923:529]

**Notes**: [Annals and Magazine of Natural History (Series 9) v. 11 (no. 64); ref. 15425] Mediterranean Sea.

**Current status**: Valid as *Raja polystigma* Regan, 1923. *Rajidae*.

**Distribution**: Mediterranean Sea endemic.

**Habitat**: marine.

Species **Raja radula** Delaroche, 1809 - rough ray

[=Raja radula Delaroche [F. E.], 1809:321 [35]]

**Notes**: [Annales du Muséum d'Histoire Naturelle, Paris v. 13; ref. 17380] [Iviça] Ibiza, Baleares Islands, Spain, western Mediterranean Sea.

**Current status**: Valid as *Raja radula* Delaroche, 1809. *Rajidae*.

**Distribution**: Eastern Atlantic: Mediterranean Sea and adjacent coast of Portugal.

**Habitat**: marine.

Species **Raja straeleni** Poll, 1951 - biscuit skate

[=Raja straeleni Poll [M.], 1951:118, Fig. 54, Pls. 8 (fig. 3), 13, *Raja rouxi* Capapé [C.], 1977:1024, Figs. 1-5]

**Notes**: [Résultats scientifique. Expédition océanographic belge dans les eaux côtières africaines de l'Atlantique sud (1948-1949).]
Bruxelles. v. 4 (no. 1); ref. 12797] West coast of Africa, 13°05'S, 12°46'E, depth 100-110 meters.

**Current status**: Valid as *Raja straeleni* Poll, 1951. *Rajidae.*

**Distribution**: Eastern Atlantic to southwestern Indian Ocean.

**Habitat**: marine.


Species *Raja undulata* Lacépède, 1802 - painted ray


**Notes**: [Histoire naturelle des poissons (Lacépède) v. 4; ref. 4929] La France et l'Angleterre [France and England, English Channel, Northeastern Atlantic].

**Current status**: Valid as *Raja undulata* Lacépède, 1802. *Rajidae.*

**Distribution**: Mediterranean Sea, eastern Atlantic: British Isles and southwestern North Sea to Senegal.

**Habitat**: marine.

*(atra)* [Systematische Beschreibung der Plagiostomen; ref. 3069] Sicilien [Sicily, Italy].


*(fenestra)* [Caratteri di alcuni nuovi generi e nuove specie di animali e piante della Sicilia; ref. 3594] Sicily, Italy, Mediterranean Sea.


*(mosaica)* [Histoire naturelle des poissons (Lacépède) v. 4; ref. 4929] France; England.


*(picta)* [Histoire naturelle des poissons (Lacépède) v. 4; ref. 4929] Shores of France; England.


**GENUS** *Rajella* Stehmann, 1970 - skates

[=*Rajella* (subgenus of *Raja*) Stehmann [M. F. W.], 1970:151]

**Current status:** Valid as *Rajella* Stehmann, 1970. *Rajidae.*

**Species** *Rajella annandalei* (Weber, 1913) - Annandale's skate

[=*Raja annandalei* Weber [M.], 1913:598]

**Notes:** [Die Fische der Siboga-Expedition; ref. 4602] Halmahera Sea, Siboga station 145, depth 827 meters.

**Current status:** Valid as *Rajella annandalei* (Weber, 1913). *Rajidae.*

**Distribution:** Indonesia.

**Habitat:** marine.

**Species** *Rajella barnardi* (Norman, 1935) - bigthorn skate

[=*Raja barnardi* Norman [J. R.], 1935:43, Fig. 14, *Raja confundens* Hulley [P. A.], 1970:203, Pl. 11 (figs. a-b); Fig. 17 (a-c), *Raja dageti* Capapé [C.], 1977:1033, Fig. 6]

**Notes:** [Discovery Reports v. 12; ref. 13911] Off Cape Town, South Africa, 34°S, 17°58'E, southeastern Atlantic, depth 210-173 meters.

**Current status:** Valid as *Rajella barnardi* (Norman, 1935). *Rajidae.*

**Distribution:** Eastern Atlantic: Mauritania to South Africa.

**Habitat:** marine.


**Species** *Rajella bathyphila* (Holt & Byrne, 1908) - deepwater ray, abyssal skate, chocolate skate
Species **Rajella bathyphila** (Holt, 1908) - Raja bathyphila

[=Raja bathyphila Holt [E. W. L.] & Byrne [L. W.], 1908:51]

Notes: [Fisheries, Ireland, Scientific Investigations No. 5 (for 1906); ref. 6487] Northwest of Hebrides, 51°12'30"N, 12°18'W to 51°17'30"N, 21°16'W, Irish Atlantic Slope, depth 893-673 fathoms.

**Current status**: Valid as Rajella bathyphila (Holt & Byrne, 1908). Rajidae.

**Distribution**: Eastern and western North Atlantic to southern margins of the arctic region.

**Habitat**: marine.

Species **Rajella bigelowi** (Stehmann, 1978) - Bigelow's ray

[=Raja (Rajella) bigelowi Stehmann [M. F. W.], 1978:26, Figs. 1-3]

Notes: [Archiv für Fischereiwissenschaft v. 29 (nos 1/2); ref. 8874] Northwestern Atlantic, 37°05'N, 74°20.6'W, Columbus Iselin station 91, depth 1719 meters.

**Current status**: Valid as Rajella bigelowi (Stehmann, 1978). Rajidae.

**Distribution**: Eastern and western North Atlantic.

**Habitat**: marine.

Species **Rajella caudaspinosa** (von Bonde & Swart, 1923) - munchkin skate

[=Raia caudaspinosa von Bonde [C.] & Swart [D. B.], 1923:8, Pl. 21 (fig. 1),
Raia albalinea von Bonde [C.] & Swart [D. B.], 1923:6, Pl. 20 (fig. 1)]

Notes: [Report Fisheries and Marine Biological Survey, Union of South Africa Rep. 3 (art. 5); ref. 522] KwaZulu-Natal, South Africa, southwestern Indian Ocean, Pickle station 336, depth 280 fathoms.

**Current status**: Valid as Rajella caudaspinosa (von Bonde & Swart, 1923). Rajidae.

**Distribution**: Southeastern Atlantic and southwestern Indian Ocean: Namibia to South Africa, KwaZulu-Natal.

**Habitat**: marine.

(albalinea) [Report Fisheries and Marine Biological Survey, Union of South Africa Rep. 3 (art. 5); ref. 522] KwaZulu-Natal, South Africa, southwestern Indian Ocean, Pickle stations 336 and 519, depth 280-600 fathoms.


Species **Rajella challengeri** Last & Stehmann, 2008 - Challenger skate (author)
Rajella challengeri Last [P. R.] & Stehmann [M. F. W.], 2008:136, Figs. 1-6

Notes: [CSIRO Marine and Atmospheric Research Paper No. 021; ref. 29652] West of Trial Harbour, Tasmania, 41°48'S, 144°22'E, depth 1288-1328 meters.


Distribution: Southern Australia: New South Wales to South Australia (and Western Australia), including Tasmania.

Habitat: marine.

Species Rajella dissimilis (Hulley, 1970) - ghost skate

[=Raja dissimilis Hulley [P. A.], 1970:199, Pl. 10 (figs. a-b); Fig. 15 (a-c)]


Distribution: Southeastern Atlantic to South Africa.

Habitat: marine.

Species Rajella eisenhardti Long & McCosker, 1999 - Galapagos grey skate

[=Rajella eisenhardti Long [D. J.] & McCosker [J. E.], 1999:45, Figs. 45]

Notes: [Proceedings of the Biological Society of Washington v. 112 (no. 1); ref. 23764] Off Cabo Rosa, 1°04.74'S, 91°11.08'W, Isla Isabella, Galápagos Islands, depth 757 meters.


Distribution: Eastern Pacific: Galápagos Islands.

Habitat: marine.

Species Rajella fuliginea (Bigelow & Schroeder, 1954) - sooty skate

[=Raja fuliginea Bigelow [H. B.] & Schroeder [W. C.], 1954:10, Figs. 3-4]

Notes: [Breviora No. 24; ref. 5551] Northwestern Gulf of Mexico, 27°32'N, 93°02'W, Oregon station 534, depth 400-450 fathoms.


Distribution: Western Atlantic.
Species **Rajella fyllae** (Lutken, 1887) - round ray


**Notes:** [Videnskabelige Meddelelser fra den Naturhistoriske Forening i Kjøbenhavn, Aaret 1887; ref. 17570] Davis Strait, Greenland, depth 80 fathoms.

**Current status:** Valid as **Rajella fyllae** (Lütken, 1887). **Rajidae.**

**Distribution:** North Atlantic to Baffin Bay and Barents Sea.

**Habitat:** marine.

**Species Rajella kukujevi** (Dolganov, 1985) - Mid-Atlantic skate

"[=Raja (Rajella) kukujevi Dolganov [V. N.], 1985:305, Fig.]"

**Notes:** [Zoologicheskii Zhurnal v. 64 (no. 2); ref. 8164] Northeastern Atlantic, 49°50'N, 29°33'W, depth 750-800 meters.

**Current status:** Valid as **Rajella kukujevi** (Dolganov, 1985). **Rajidae.**

**Distribution:** Eastern North Atlantic.

**Habitat:** marine.

**Species Rajella leopardus** (von Bonde & Swart, 1923) - leopard skate

"[=Raia leopardus von Bonde [C.] & Swart [D. B.], 1923:7, Pl. 20 (fig. 2)]"

**Notes:** [Report Fisheries and Marine Biological Survey, Union of South Africa Rep. 3 (art. 5); ref. 522] KwaZulu-Natal, South Africa, southwestern Indian Ocean, Pickle stations 336 and 444, depth 40-280 fathoms.

**Current status:** Valid as **Rajella leopardus** (von Bonde & Swart, 1923). **Rajidae.**

**Distribution:** Eastern Atlantic: Mauritania to southwestern Indian Ocean off South Africa.
Species **Rajella lintea** (Fries, 1838) - sailray

[=Raja lintea Fries [B. F.], 1838:154 [29], Fig. 10 of tooth, Raja ingolfiana Lütken [C. F.], 1898:3, Pl. 1 (fig. 1)]

**Notes:** [Kongliga Vetenskaps Akademiens nya Handlingar, Stockholm 1838; ref. 18097] Northern Europe, Bohuslän [Sweden]; North Sea [eastern North Atlantic].

**Current status:** Valid as *Rajella lintea* (Fries, 1838). *Rajidae.*

**Distribution:** Greenland and eastern North Atlantic to northern Barents Sea.

**Habitat:** marine.

Species **Rajella nigerrima** (de Buen, 1960) - blackish skate

[=Breviraja nigerrima de Buen [F.], 1960:28, Fig. 10]

**Notes:** [Revista de Biología Marina, Valparaiso v. 10 (nos 1-3); ref. 11965] About 20 miles off Algarrobo, Chile, 33°20'29"S, 71°59'00"W, depth 800 meters.

**Current status:** Valid as *Rajella nigerrima* (de Buen, 1960). *Rajidae.*

**Distribution:** Southeastern Pacific.

**Habitat:** marine.

Species **Rajella paucispinosa** Weigmann et al., 2014 - Mozambique skate (author)

[=Rajella paucispinosa Weigmann [S.], Stehmann [M. F. W.] & Thiel [R.], 2014:362, Figs. 2-22]

**Notes:** [Zootaxa 3847 (no. 3); ref. 33443] 25°28'03"S, 35°28'07"E - 25°32'05"S, 35°32'05"E, off South Mozambique, depth 1230-1260 meters.

**Current status:** Valid as *Rajella paucispinosa* Weigmann, Stehmann & Thiel, 2014. *Rajidae.*

**Distribution:** Mozambique.

**Habitat:** marine.

Species **Rajella purpuriventralis** (Bigelow & Schroeder, 1962) - purplebelly skate
Genus *Raja purpuriventralis* Bigelow [H. B.] & Schroeder [W. C.], 1962:184, Figs. 5-6

**Notes:** [Bulletin of the Museum of Comparative Zoology v. 128 (no. 4); ref. 5793] Northern Gulf of Mexico, 27°48'N, 88°45'W, Oregon station 2577, depth 850-1100 fathoms.

**Current status:** Valid as *Rajella purpuriventralis* (Bigelow & Schroeder, 1962). *Rajidae.*

**Distribution:** Western Atlantic.

**Habitat:** marine.

Species *Rajella ravidula* (Hulley, 1970) - smoothback skate

[=*Raja ravidula* Hulley [P. A.], 1970:196, Pl. 9 (figs. a-b); Fig. 14]

**Notes:** [Annals of the South African Museum v. 55 (pt 4); ref. 7750] West of Cape Town, South Africa, 33°49'S, 17°13'E, southeaster Atlantic, depth 1000 meters.

**Current status:** Valid as *Rajella ravidula* (Hulley, 1970). *Rajidae.*

**Distribution:** Southeastern Atlantic: Morocco to South Africa.

**Habitat:** marine.

Species *Rajella sadowskii* (Krefft & Stehmann, 1974) - Brazilian skate

[=*Raja (Rajella) sadowskii* Krefft [G.] & Stehmann [M. F. W.], 1974:34, Figs. 1-3]

**Notes:** [Archiv für Fischereiwissenschaft v. 25 (no. 1); ref. 7513] Off Brazil, 29°57'S, 47°35'W, depth 1200 meters.

**Current status:** Valid as *Rajella sadowskii* (Krefft & Stehmann, 1974). *Rajidae.*

**Distribution:** Southeastern Pacific and southwestern Atlantic.

**Habitat:** marine.

Genus *Rostroraja* Hulley, 1972 - bottlenosed skates

[=*Rostroraja* (subgenus of *Raja*) Hulley [P. A.], 1972:77]

**Notes:** [ref. 5611]. Fem. *Raja alba* Lacepède, 1803. Type by original designation (also monotypic). •Synonym of *Raja* Linnaeus, 1758, but a valid subgenus *Rostroraja* as described -- (Stehmann 1973:66 [ref. 7168], Stehmann 1976:170 [ref. 7085]).

•Valid as *Rostroraja* Hulley, 1972 -- (McEachran & Dunn 1998:279 [ref. 23312], Compagno 1999:492 [ref. 25589], Last & Yearsley

**Current status:** Valid as Rostoraja Hulley, 1972. Rajidae.

Species *Rostroraja ackleyi* (Garman, 1881) - ocellate skate


**Notes:** [Bulletin of the Museum of Comparative Zoology v. 8 (no. 11); ref. 14294] Yucatán Banks, Mexico.

**Current status:** Valid as *Rostroraja ackleyi* (Garman, 1881). Rajidae. Habitat: marine.

**Distribution:** Western Atlantic.

Species *Rostroraja alba* (Lacépède, 1803) - bottlenosed skate


**Notes:** [Histoire naturelle des poissons (Lacépède) v. 5; ref. 4930] France, La Manche/English Channel, northeastern Atlantic.

**Current status:** Valid as *Rostroraja alba* (Lacépède, 1803). Rajidae. Habitat: marine.

**Distribution:** Mediterranean Sea, eastern Atlantic: British Isles to South Africa; southwestern Indian Ocean; 2006 record from off India.


(rostellata) [Ichthyologie de Nice; ref. 3755] Nice, France, northwestern Mediterranean Sea.

Species *Rostroraja bahamensis* (Bigelow & Schroeder, 1965) - Bahama skate


**Notes:** [Bulletin of the Museum of Comparative Zoology v. 132 (no. 5); ref. 9200] About 5 miles off northwestern part of Little Bahama Bank, 27°23’N, 78°26’W, depth 212-225 fathoms.

**Current status:** Valid as *Rostroraja bahamensis* (Bigelow & Schroeder, 1965). *Rajidae.*

**Distribution:** Western Atlantic.

**Habitat:** marine.

Species *Rostroraja cervigoni* (Bigelow & Schroeder, 1964) - finspot ray

[*=Raja cervigoni* Bigelow [H. B.] & Schroeder [W. C.], 1964:1, Fig.]

**Notes:** [Breviora No. 209; ref. 1255] 10 miles northeast of Carúpano, northern Venezuela, depth 20-30 fathoms.

**Current status:** Valid as *Rostroraja cervigoni* (Bigelow & Schroeder, 1964). *Rajidae.*

**Distribution:** Western Atlantic.

**Habitat:** marine.

Species *Rostroraja eglanteria* (Bosc, in Lacepede, 1800) - clearnose skate

[*=Raja eglanteria* Bosc [L. A. G.] in Lacepède 1800:104, 109, Pl. 4 (fig. 2),

*Raia chantenay* Lesueur [C. A.] 1824:106, Pl. 5,

*Raia desmarestia* Lesueur [C. A.] 1824:100, Pl. 4 (figs. 1-2)]

**Notes:** [Histoire naturelle des poissons (Lacepéde) v. 2; ref. 2709] Charleston Bay, South Carolina, U.S.A.

**Current status:** Valid as *Rostroraja eglanteria* (Bosc 1800). *Rajidae.*

**Distribution:** Western Atlantic.

**Habitat:** brackish, marine.

(CHANTENAY) [Journal of the Academy of Natural Sciences, Philadelphia v. 4 (pt 1); ref. 17520] North America.


(DESMARESTIA) [Journal of the Academy of Natural Sciences, Philadelphia v. 4 (pt 1); ref. 17520] Florida, U.S.A.

Species *Rostroraja equatorialis* (Jordan & Bollman, 1890) - equatorial ray


Notes: [Proceedings of the United States National Museum v. 12 (no. 770); ref. 2433] Off Pacific coast of Colombia, 8°06'30"N, 78°51'W, Albatross station 2797, depth 33 fathoms.

**Current status:** Valid as *Rostroraja equatorialis* (Jordan & Bollman, 1890). *Rajidae*.

**Distribution:** Eastern Pacific.

**Habitat:** marine.

Species *Rostroraja texana* (Chandler, 1921) - Roundel skate

[=*Raia texana* Chandler [A. C.], 1921:657]

Notes: [Proceedings of the United States National Museum v. 59 (no. 2393); ref. 15308] Gulf of Mexico off Galveston jetties, Texas, U.S.A., depth between 5 and 10 fathoms.

**Current status:** Valid as *Rostroraja texana* (Chandler, 1921). *Rajidae*.

**Distribution:** Western Atlantic.

**Habitat:** marine.

Species *Rostroraja velezi* (Chirichigno F., 1973) - Velez ray

[=*Raja velezi* Chirichigno F. [N.], 1973:20, Figs. 4-5]

Notes: [Informes, Especiales, Instituto del Mar del Perú. Callao No. 42; ref. 7559] 19 miles from Colán, Peru, 5°01'S, 81°23'W, depth 133 fathoms.

**Current status:** Valid as *Rostroraja velezi* (Chirichigno F., 1973). *Rajidae*.

**Distribution:** Eastern Pacific and Galapagos Islands.

**Habitat:** marine.

**GENUS Spiniraja** Whitley, 1939 - skates

[=*Spiniraja* (subgenus of *Raja*) Whitley [G. P.], 1939:251]
Notes: [ref. 4695]. Fem. *Raja (Spiniraja) ogilbyi* Whitley, 1939. Type by monotypy. •Synonym of *Raja* Linnaeus 1758.
  •Valid as *Spiniraja* Whitley, 1939 -- (Weigmann 2016:123 [ref. 34211], Last et al. 2016:208 [ref. 35000]).

Species *Spiniraja whitleyi* (Iredale, 1938) - great skate
  [=*Raja whitleyi* Iredale [T.], 1938:169, *Raja (Spiniraja) ogilbyi* Whitley [G. P.], 1939:251, Fig. 15,
  *Raya rostrata* Castelnau [F. L.], 1873:57, *Raia scabra* Ogilby [J. D.], 1888:17]
Notes: [Australian Zoologist v. 9 (pt 2); ref. 18325] Manly Beach, Port Jackson, New South Wales, Australia.
  Current status: **Valid** as *Spiniraja whitleyi* (Iredale, 1938). *Rajidae*.
  Distribution: Southern Australia: New South Wales to Western Australia including Tasmania.
  Habitat: marine.

(ogilbyi) [Australian Zoologist v. 9 (pt 3); ref. 4695] Manly Beach, New South Wales, Australia.


GENUS *Zearaja* Whitley, 1939 - skates
  [=*Zearaja* Whitley [G. P.], 1939:254]
Notes: [ref. 4695]. Fem. *Raja nasuta* Müller & Henle, 1841. Type by original designation (also monotypic).
  •Valid as *Zearaja* Whitley, 1939 -- (Last & Gledhill 2007:48 [ref. 29177]).

Species *Zearaja argentinensis* (Diaz de Astarloa et al., 2008) - Argentine skate
Notes: [Zootaxa No. 1921; ref. 29969] Off central Patagonia, continental shelf, 45°38'S, 64°08'W, depth 98 meters.
**Current status:** Valid as *Zearaja argentinensis* (Díaz de Astarloa, Mabragaña, Hanner & Figueroa, 2008). *Rajidae.*

**Distribution:** Southwestern Atlantic: Argentina.

**Habitat:** marine.

Species *Zearaja chilensis* (Guichenot, 1848) - yellownose skate


*Raja flavirostris* Philippi [R. A.], 1892:3, Pl. 1 (fig. 2), *Raja latastei* Delfin [F. T.], 1902:264, Pl. 11,

*Raja oxyptera* Philippi [R. A.] 1892:4, Pl. 2 (fig. 1)

**Notes:** [Fauna Chilena.... in Gay.; ref. 1939] Chile.

**Current status:** Valid as *Zearaja chilensis* (Guichenot, 1848). *Rajidae.*

**Distribution:** Southeastern Pacific and southwestern Atlantic: Argentina and Chile.

**Habitat:** marine.

(brevicaudata) [Physis (Buenos Aires) v. 11 (no. 39); ref. 16500] Argentina.


(flavirostris) [Anales del Museo Nacional de Chile. Primera seccion, Zoología No. 3; ref. 22759] Bahia de Quinteros, Chile.


(latastei) [Revista Chilena de Historia Natural (Santiago) v. 6; ref. 17397] Chile.


(oxyptera) [Anales del Museo Nacional de Chile. Primera seccion, Zoología No. 3; ref. 22759] Chile.


Species *Zearaja maugeana* Last & Gledhill, 2007 - Maugeaen skate

[^Zearaja maugeana] Last [P. R.] & Gledhill [D. C.], 2007:52, Figs. 4-13

**Notes:** [Zootaxa No. 1494; ref. 29177] Macquarie Harbour, 42°21'S, 145°32'E, Australia.

**Current status:** Valid as *Zearaja maugeana* Last & Gledhill, 2007. *Rajidae.*

**Distribution:** Southwestern Tasmania, Australia.
**Habitat:** brackish.

**Species** *Zearaja nasuta* (Muller & Henle, 1841) - New Zealand rough skate

[=*Raja nasuta* Müller [J.] & Henle [F. G. J.], (ex Banks) 1841:150]

**Notes:** [Systematische Beschreibung der Plagiostomen; ref. 3069] Australian sea and near Totaranni, New Zealand.

**Current status:** Valid as *Zearaja nasuta* (Muller & Henle, 1841). *Rajidae.*

**Distribution:** New Zealand and nearby plateaus and the Chatham Rise.

**Habitat:** marine

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**Unavailable names:**

*(genera)*

**Laevirajae** Nardo [G. D.], 1827:11 [ref. 3146]. Not available, name given in pleural form; listed in Jordan 1919:121 [ref. 2410]. Original not examined; also in Isis, v. 20:476 [seen]. *Rajidae.*


*(species)*


**Raja apteronota** Lacepède [B. G. E.], 1802:671, 676, Pl. 14 (fig. 3) [Histoire naturelle des poissons (Lacepède) v. 4; ref. 4929] No locality. No types known. Type catalog: Séret & McEachran 1986:31 [ref. 9312]. Also appeared in Sonnini 1802:76, 298 [ref. 30461] with author as Lacepède. •Unidentifiable -- (Séret
Raja arnak Forsskål [P. S.], 1775:ix [Descriptiones animalium (Forsskål); ref. 1351] Luhaiya, Yemen, Red Sea. No types known. Rajidae. Habitat: marine.


Raja bavosa Lacepède [B. G. E.], 1798:72 [Histoire naturelle des poissons (Lacepéde) v. 1; ref. 2708] Not available, name only. Rajidae.

Raya biocularis Geoffroy St. Hilaire [E.], 1817:no page number, Pl. 27 (fig. 2) [Poissons du Nil v. 1 (part 1); ref. 4184] Egypt. No types known. Type catalog: Séret & McEachran 1986:31 [ref. 9312]. Original as bi-ocularis; genus should have been Raja. •Questionably a synonym of Raja miraletus Linnaeus, 1758 -- (Séret & McEachran 1986:31 [ref. 9312]). Current status: Uncertain as Raja miraletus Linnaeus, 1758. Rajidae. Habitat: brackish, marine.


Raja cordata Philippi [R. A.], in Delfin, 1900:131 [Revista Chilena de Historia Natural (Santiago) v. 4; ref. 17395] Not available as above; no distinguishing features provided; from Santiago, Chile. Rajidae.


Raja cuvieri Shaw [G.], 1804:319 [General zoology or systematic natural history; ref. 4015] No locality. Based on Raja Cuvier, Lacepède [apparently a vernacular name]. Rajidae.


Raja fasciata Banks [J.] in Müller & Henle, 1841:124 [Systematische Beschreibung der Plagiostomen; ref. 3069] Not available; manuscript name mentioned under Trygonorhina fasciata. Rajidae.


Raja hirtella Philippi [R. A.], in Delfin, 1900:131 [Revista Chilena de Historia Natural (Santiago) v. 4; ref. 17395] Not available as above; no distinguishing features provided; from Santiago, Chile. Rajidae.


Raja macrocephala Banks [J.], in Müller & Henle, 1841:177 [Systematische Beschreibung der Plagiostomen; ref. 3069] Not available; Banks' manuscript name mentioned under Myliobatis nieuhofii. Rajidae.

Raja macrorynchus Rafinesque [C. S.], 1810:15 [Caratteri di alcuni nuovi generi e nuove specie di animali e piante della Sicilia; ref. 3594] Sicily, Italy, Mediterranean Sea. No types known. Appeared first in Rafinesque 1810:47 [ref. 3595] with citation to Rafinesque 1810 [ref. 3594] [3594 technically published

Raja magellanica Steindachner [F.], 1903:212 [Zoologische Jahrbücher. Supplementheft, Jena Suppl. v. 6; ref. 15047] Punta Arenas, Chile. Syntypes: (2) NMW 2070 (1). Objectively invalid; preoccupied by Raja magellanica Philippi, 1902. •Wrongly treated as valid -- (Stehmann 1986:263 [ref. 6151], Menni & Stehmann 2000:85 [ref. 24909]). •Also see entries under Raja magellanica Philippi which may be this species. Current status: Synonym of Raja. Rajidae. Habitat: marine.


Raja asterias var. minor Döderlein [P.], 1884:184 [Manuale Ittiologico del Mediterraneo ossia sinossi metodica delle varie specie di pesci riscontrate sin qui nel Mediterraneo ossia senossi metodica delle di Sicilia. 5 parts.; ref. 17416] Palermo, Sicily; Mediterranean Sea; Adriatic Sea; Atlantic. Rajidae. Habitat: marine.


Raja motoro Natterer [J.], in Diesing, 1836:25 [Annalen des Wiener Museums der Naturgeschichte v. 1 (no. 1); ref. 18471] Not available, no distinguishing
characters mentioned; also appeared as a manuscript name in the account of *Taeniura motoro* Müller & Henle, 1841:197 [ref. 3069]. *Rajidae.*

**Raja mucosa** Lacepède [B. G. E.], 1798:72 [Histoire naturelle des poissons (Lacepède) v. 1; ref. 2708] Not available, name only. *Rajidae.*


**Raja musmarinus** Forsskål [P. S.], 1775:xviii [Descriptiones animalium (Forsskål); ref. 1351] Not available, no description; from Malta. *Rajidae.*

**Raja narce** Nardo [G. D.], 1827:25, 34 (no. 3, 4) [Giornale di fisica, chimica e storia naturale, medicina, ed arti. (series 2) Dec. II, v. 10; ref. 3146] As narcus in Nardo 1827: col. 476 [ref. 19740]. Not available, no distinguishing features; from Italy.


**Raja ornata** Garman [S.], 1881:235 [Bulletin of the Museum of Comparative Zoology v. 8 (no. 11); ref. 14294] Not an original species description as assumed by authors, but a subspecies description; see *Raja ornata ackleyi* Garman. *Rajidae.*


available, Chiereghini name mentioned in synonymy of *Raja miraletus* Linnaeus, 1758; also in Ninni 1872:27 [ref. 17995] where Chiereghini manuscript is quoted but name not treated as valid. *Rajidae*.


*Raja rostrata* Banks [J.] in Müller & Henle, 1841:123 [Systematische Beschreibung der Plagiostomen; ref. 3069] Not available; manuscript name mentioned under *Rhinobatus banksii*. *Rajidae*.


*Raja siamensis* Engelhardt [R.], 1913:103 [Abhandlungen der Bayerische Akademie der Wissenschaften, Mathematisch-Naturwissenschaftliche Abteilung. v. 4 (abth. 3); ref. 17460] Thailand. Still researching; apparently unavailable, no distinguishing features provided. *Rajidae*.


