

Research Articles

International

- Gitanjali Bhoi, Sourabh Kumar Dubey, **Shesdev Patro**. Marine benthic amphipods (Amphipoda) of India: A Review on their biodiversity, distribution and significance. *Thalassas* (Springer)- Under review
- **Shesdev Patro**, Sunil Kumar Padhi, Gitanjali Bhoi, Siba Prasad Parida, Anil Mohapatra, P. Krishnan (2022) Is the sea off Odisha, north-western Bay of Bengal, a favourable feeding ground of Bryde's whale [*Balaenoptera edeni* Anderson, 1878]? –*Thalassas* (Springer) <https://doi.org/10.1007/s41208-022-00397-6>
- Mishra, A. K., Khadanga, M. K., **Shesdev Patro**, Apte, D., & Farooq, S. H. (2021). Population structure of a newly recorded (*Halodule uninervis*) and native seagrass (*Halophila ovalis*) species from an intertidal creek ecosystem. *Lakes & Reservoirs: Research & Management*, 26(3), e12376.
- Rajesh Kumar Behera, Swarup Ranjan Mohanty, **Shesdev Patro** and Anil Mohapatra (2021) New Distributional Record of *Moringua raitaborua* (Hamilton, 1822)- First Record of the Genus in the Chilika Lagoon, India. *Thalassas* (Springer). <https://doi.org/10.1007/s41208-021-00310-7>
- C.Viswanathan, R.Purvaja, J. Joyson Joe Jeevamani, V. Deepak Samuel, R. Sankar, K.R.Abhilash, Gejo Anna Geevarghese, R.Muruganandam, M.Gopi, S.Raja, Rocktim Ramen Das, **Shesdev Patro**, P.Krishnan, R. Ramesh. 2020 Salt marsh vegetation in India: Species composition, distribution, zonation pattern and conservation implications. *Estuarine, Coastal and Shelf Science* 242: 106792 <https://doi.org/10.1016/j.ecss.2020.106792>
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- Yadav, R., Malla, P.K., Dash, D., **Shesdev Patro**, Mohapatra, A. 2019. Diversity of gastropods and bivalves in the mangrove ecosystem of Paradeep, east coast of India: A comparative study with other Indian mangrove ecosystems. *Molluscan Research* 39(4). 325-332. (Published online) Doi: 10.1080/13235818.2019.1644701.
- Deepak Samuel, V., Krishnan, P., Sreeraj, C.R., Chamundesari, K., Parthiban, C., Sekar, V., **Shesdev Patro**, Saravanan, R., Abhilash, K.R., Purvaja, R., Ramesh, R. 2017. An updated checklist of echinoderms from Indian waters. *Zootaxa*. 4354(1): 1-68.
- **Shesdev Patro**, Adhavan, D. and Jha, S. 2012. Fouling diatoms of Andaman waters and their inhibition by spinal extracts of the sea urchin *Diadema setosum* (Leske, 1778). *Int. Biodeterior. Biodegrad.* 75: 23-27.

National

- Ritanjali Swain, Subash Kisku, Lakshman Nayak, Subhrendu Sekhar Mishra, **Shesdev Patro**, 2022. First record of four snapper fishes (Perciformes: Lutjanidae) from Odisha, east coast of India. Records of the Zoological Survey of India 122 (1): 43-49.
- Roy S., Pradhan J., Ray D., Mohanty S.R., **Shesdev Patro**, Saren S.C., Mishra S.S., Mohapatra A. 2021. New distributional record of four Dragonet species (Perciformes: Callionymidae) from Odisha coast, India with comments on occurrence of other Callionymus species in Indian waters. Indian Journal of Geo-Marine Sciences 50(2):1-7
- Swarup Ranjan Mohanty, Subhrendu Sekhar Mishra, Smrutirekha Acharya, Ankita Mishra, Sanmitra Roy, **Shesdev Patro** and Anil Mohapatra. First documentation of the genus Torquigener (Tetraodontidae: Tetraodontinae) from Odisha coast, India. Communicated to Records of the Zoological Survey of India.
- Sunil Kumar Padhi, **Shesdev Patro**, Biraja Kumar Sahu, Sanjiba Kumar Baliarsingh, Kali Charan Sahu (2021) A preliminary study on the environmental factors triggering frequent bloom of diatom Asterionellopsis glacialis (Castracane) Round 1990 along west coast of Bay of Bengal. Indian Journal of Geo-marine Science 50(7): 533-541
- Abinash Behera, Sunil Kumar Padhi, Sanmitra Roy, **Shesdev Patro**, Santanu Mitra (2021). Biodiversity of hermit crabs in Odisha, east coast and their distribution in other coastal states of India. Indian Journal of Geo-Marine Sciences 50 (5):385-390
- Swarup Ranjan Mohanty, Jyoshna Pradhan, **Shesdev Patro**, Subhrendu Sekhar Mishra and Anil Mohapatra (2020). First occurrence of Oceanic Puffer, *Lagocephalus lagocephalus* (Linnaeus, 1758), from northern part of eastnorth-eastern coast of India. Records of the Zoological Survey of India 120(4): 501-503.
- Sahu, N., Muduli, D., Sundaray, L., Roy, S., **Shesdev Patro**, Mohapatra, A. (2020). Length-weight relationship of brackish water finfish *Thryssa kammalensis* Wongratana, 1983 from Chilika Lagoon, India. *Indian Journal of Geo-Marine Sciences* 49(07): 1308-1311 (IF: 0.301)
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- **Shesdev Patro**, Sahu B.K., Parida C., Dash M., Sahu K.C., 2017. Seasonal occurrence of whale shark *Rhincodon typus* (Smith, 1828) along South Odisha coast. *Journal of Threatened Taxa* 9(4): 10125–10129. NAAS ID: J452
- Deepak Samuel, V., Sreeraj, C.R., Krishnan, P., Parthiban, C., Sekar, V., Chamundeeswari, K., Titus Immanuel, **Shesdev Patro**, Purvaja, R., and Ramesh, R. 2016. An updated checklist of the shrimps in the Indian coast. *Journal of Threatened Taxa*. 8(7): 8977-8988
- **Shesdev Patro**, Krishnan, P., Gopi, M., Raja, S., Sreeraj, C. R., Purvaja, R. Ramesh, R. (2015). New record of Snowflake coral, *Carijoa riisei* from Grand Island, Goa: A case of bio-invasion or re-establishment of a native Species?- *Current Science*- 109 (6): 1028-1030
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- **Shesdev Patro**, P. Krishnan, V. Deepak Samuel, R. Purvaja, R. Ramesh. 2017. Seagrass and salt marsh ecosystems in South Asia – An overview of diversity, distribution, threats and conservation status. In: Prusty et al., (Eds) *Wetland Science: Perspectives from South Asia*, Springer: 87-104
- Dam Roy, S., Krishnan, P., **Shesdev Patro**, George, G., Velmurugan, A., Kiruba Sankar, R., Purvaja R. 2017. Wetlands of Small Island Nations in South Asia vis-a-vis the Mainland and Island Groups in India: Status and Conservation Strategies. In: Prusty et al., (Eds) *Wetland Science: Perspectives from South Asia*, Springer: 31-50
- Krishnan, P., V. Deepak Samuel., C. R. Sreeraj, K. R. Abhilash, **Shesdev Patro**, R. Sankar, Margi Purohit, G. Dharani, R. Purvaja and R. Ramesh. 2017. Digital repositories for coastal wetland biodiversity in South Asia: A conceptual framework from India. In: Prusty et al., (Ed) *Wetland Science: Perspectives from South Asia*, Springer: 51-66

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- Gitanjali Bhoi, **Shesdev Patro**, 2020. A review on distribution and diversity of marine benthic amphipods along Indian coast. *Proceeding of the National conference on Coastal Ocean- Atmosphere Science and Technology (COAST 2020)*: 47
- Shibangini Debata, Rutuja Pradhan, Ankita Sahu, **Shesdev Patro**, 2020. Preliminary study on the effect of salinity on growth of larvae of barnacle *Amphibalanus amphitrite*. *Proceeding of the National conference on Coastal Ocean- Atmosphere Science and Technology (COAST 2020)*: 43
- Ramakanta Mallick, Abhaya Kumar Bhuyan, E. Ramudu Senapati, **Shesdev Patro**, 2020. Diversity of gastropods and bivalves along Gopalpur, east coast of India. *Proceeding of the National conference on Coastal Ocean-Atmosphere Science and Technology (COAST 2020)*: 43

- Bhubaneswari Panda, Lokeswar Sundaray, Ankita Mishra, Subhadarshani Palai, Pratap Kumar Mohanty, **Shesdev Patro**, 2020. Status of pathogenic bacteria in Rushikulya Estuary: A preliminary study. Proceeding of the National conference on Coastal Ocean-Atmosphere Science and Technology (COAST 2020): 60
- Narayan Panda, Sweta Beura, N. Srustishree, Sunil Kumar Padhi, **Shesdev Patro**, 2020. Preliminary study on the vertical distribution of benthic meiofauna in the intertidal zone of Gopalpur, east coast of India. Proceeding of the National conference on Coastal Ocean-Atmosphere Science and Technology (COAST 2020): 48
- Jyoshna Pradhan, Sanmitra Roy, Swarup Ranjan Mohanty, **Shesdev Patro** and Anil Mohapatra. 2020. Preliminary assessment on diversity of fish bycatch from Arjyapalli fish landing centre, Ganjam, Odisha. Proceeding of the National conference on Coastal Ocean-Atmosphere Science and Technology (COAST 2020): 32
- Netrananda Sahu, Dinabandhu Behera, Deepak Muduli and **Shesdev Patro**, 2020. The LWR of Brackishwater fish *Etroplus suratensis* (Bloch, 1790), Chilika Lagoon, East Coast of India. Proceeding of the National conference on Coastal Ocean- Atmosphere Science and Technology (COAST 2020): 48
- Dash, D., Yadav, R., **Shesdev Patro**, Mohapatra, A. (2018) Food and feeding behavior of commonly available fishes from mangrove ecosystem of Paradeep, Odisha. Proceedings of National Seminar on Beach erosion and anthropogenic exploitation at coastal line of Odisha and its effect on Olive Ridley sea turtles, Irrawaddy dolphin and fish population and measures for conservation. Organised by Department of Zoology, Berhampur University
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- **Shesdev Patro**, Sahu, K.C. (2017) EIA report prepared for Marine Biodiversity Study of Dhamara Port. Department of Marine Sciences, Berhampur University, p37.
- Ramesh, R., Krishnan, P., Purvaja, R., Senthil Vel, A., Vivekanandan, E., Soundararajan, R., **Shesdev Patro**, Sreeraj, C.R., Abhilash, K.R. (2015) Sustainable Fisheries Development Plan for Lakshadweep Islands. National Centre for Sustainable Coastal Management, Ministry of Environment, Forests and Climate Change, Government of India, Chennai, p76.