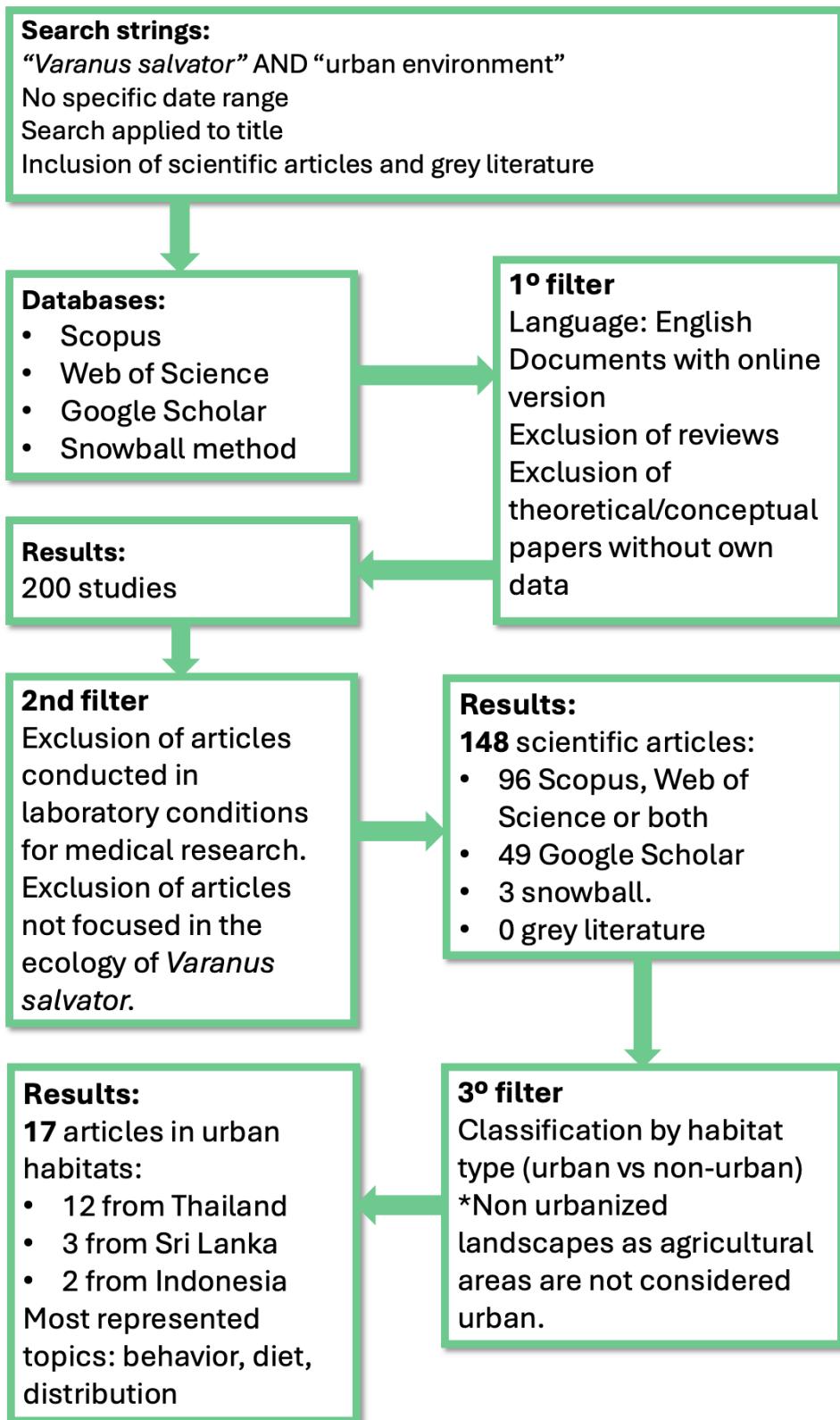


**SP1. Flow diagram showing the sequential steps developed in conducting the revision, including the descriptive results.**



**SP2. Criteria used for classifying literature reviewed by topic.**

<b>Topic</b>	<b>Description</b>
Behavior	When the study describes aspects of its reproductive, hunting or agonistic behavior.
Diet	When the study describes prey or carrion that the Asian water monitors consume.
Physiology	When the study deals with thermal physiology, hormones or some other aspect regarding its biological functioning.
Distribution	When the study explores how the species is distributed in different regions or ecosystems within their native area.
Habitat selection	When the study focuses on how the species occurs or is absent in a given habitat or microhabitat.
Parasitology	When the study offers information on ecto- and/or endoparasites found in the species.
Conservation	When the study analyzes concerns and threats related to the Asian water monitor conservation

**SP3.** Summary with all the references retained in reviewed in the literature revision. Urban Ecology works appear first with bold letters. WOS= Web of Science. Other includes Google Scholar.

<u>N</u>	<u>Reference</u>	<u>Year</u>	<u>Country</u>	<u>Source</u>
1	Kulabtong, S., & Mahaprom, R. (2015). Observation on food items of Asian water monitor, <i>Varanus salvator</i> (Laurenti, 1768)(Squamata Varanidae), in urban eco-system, Central Thailand. <i>Biodiversity Journal</i> , 6, 695-698.	2015	Thailand	Other
2	Stanner, M. (2010). Mammal-like feeding Behavior of <i>Varanus salvator</i> and its Conservational implications. <i>Biawak</i> , 4(4), 128-131.	2010	Thailand	Other
3	Wongtienchai, P., Lapbenjakul, S., Jangtarwan, K., Areesirisuk, P., Mahaprom, R., Subpayakom, N., ... & Srikulnath, K. (2021). Genetic management of a water monitor lizard ( <i>Varanus salvator macromaculatus</i> ) population at Bang Kachao Peninsula as a consequence of urbanization with <i>Varanus</i> Farm Kamphaeng Saen as the first captive research establishment. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 59(2), 484-497.	2021	Thailand	WOS/Scopus
4	Cota, M. (2011). Mating and Intraspecific Behavior of <i>Varanus salvator macromaculatus</i> in an Urban Population. <i>Biawak</i> , 5(1/2), 17-23.	2011	Thailand	Other
5	Karunaratna, S., Surasinghe, T., Madawala, M., Somaweera, R., & Amarasinghe, A. T. (2017). Ecological and behavioural traits of the Sri Lankan water monitor ( <i>Varanus salvator</i> ) in an urban landscape of Western Province, Sri Lanka. <i>Marine and Freshwater Research</i> , 68(12), 2242-2252.	2017	Sri Lanka	WOS/Scopus
6	Cota, M. I. C. H. A. E. L., & Sommerlad, R. A. L. F. (2013). Notes and observations on the fish prey of <i>Varanus salvator macromaculatus</i> (Reptilia: Squamata: Varanidae) in Thailand with a review of the fish prey of the <i>Varanus salvator</i> complex known to date. <i>Biawak</i> , 7(2), 63-70.	2013	Thailand	Other
7	Cota, M. I. C. H. A. E. L. (2011). Burrows with submerged and waterfilled entrances and nocturnal retirement of <i>Varanus salvator macromaculatus</i> in Thailand. <i>Biawak</i> , 5(3), 44-47.	2011	Thailand	Other

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9	Stanner, M. (2012). <i>Varanus salvator</i> swallowing a catfish - Another facet of the life-dinner principle? <i>Hamadryad</i> 36(1), pp. 38-41	2012	Thailand	Scopus
10	LAWTON, D., PARLINDUNGAN, D., PRATAMA, A., ASWIN, P., JUNDARA, P., DARMAWAN, R., ... & MATTHEWS, C. E. (1998). Living Among Water Monitors: An Exploratory Study of an Urban Water Monitor ( <i>Varanus salvator</i> ) Population in Bengkulu, Indonesia. <i>Biawak</i> , 12(1), 42-47.	1998	Indonesia	Other
11	BARNES, C. H., TIPPRAPATKUL, W., HRADNANSKY, T., & BARNES, C. (2019). Mobbing Behavior by White-vented Mynas ( <i>Acridotheres javanicus</i> ) Towards a Southeast Asian Water Monitor ( <i>Varanus salvator macromaculatus</i> ). <i>Journal of Varanid Biology and Husbandry</i> , 13(1), 46-49.	2019	Thailand	Other
12	Hawkeswood, T. J., & Sommung, B. (2016). Observations on the reptile fauna of Lat Krabang Park, Bangkok, Thailand.	2016	Thailand	Other
13	Hawkeswood, T. J., & Sommung, B. (2017). Observations on the reptile fauna of Queen Sirikit Park No. 9, Bangkok, Thailand.	2017	Thailand	Other
14	Karunaratna, D. M. S. S., Amarasinghe, A. T., & De Vos, A. S. H. A. (2008). Preliminary notes on the Monitor lizards (Family: Varanidae) within the national Zoological Gardens (nZG) dehiwala, Colombo district, sri lanka. <i>Biawak</i> , 2(3), 109-118.	2008	Sri Lanka	Other
15	Mahaprom, R., & Kulabtong, S. Observation of feeding habit of the Asian water monitor, <i>Varanus salvator</i> (Laurenti, 1768)(Squamata Varanidae) on a Asian toad, <i>Duttaphrynus melanostictus</i> (Schneider, 1799)(Anura Bufonidae) in Thailand.	2018	Thailand	Other
16	Bundhitwongrut, T., Saguensab, S., Thirakhupt, K., and Pauwels, O.S.G. (2008)A case of predation of the Water Monitor <i>Varanus salvator</i> on the Western Snail-eating Turtle <i>Malayemys macrocephala</i> (Reptilia: Varanidae & Bataguridae) in Bangkok	2008	Thailand	Snowball
17	Rathnayake, N., Herath, N., Hewamathes, K., and Jayalath, S. (2003). The thermal behaviour, diurnal activity pattern and body temperature of <i>Varanus salvator</i> in Central Sri Lanka. <i>Hamadryad</i> 27, 179–184	2003	Sri Lanka	Snowball
18	Shine, R., Harlow, P. S., & Keogh, J. S. (1996). Commercial harvesting of giant lizards: the biology of water monitors <i>Varanus salvator</i> in southern Sumatra. <i>Biological Conservation</i> , 77(2-3), 125-134.	1996	Indonesia	Scopus

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21	De Lisle, H. F. (2007). Observations on <i>Varanus s. salvator</i> in North Sulawesi. <i>Biawak</i> , 1(2), 59-66.	2007	Indonesia	Other
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