GLANSIS Definitions and Criteria for Listing (Watchlist)

The watchlist is intended to be precautionary: if there is debate about a species probability of invasion (introduction, survival, establishment, and spread) in the Great Lakes, the preference is for inclusion on this list until such doubt is resolved.

Geographic criterion: Lives in a known donor region (such as rivers adjacent to Great Lakes, inland lakes in the Great Lakes region, western Europe, the Ponto-Caspian region) or in a zone with high specialization, species pool, or climate conditions that match the Great Lakes.

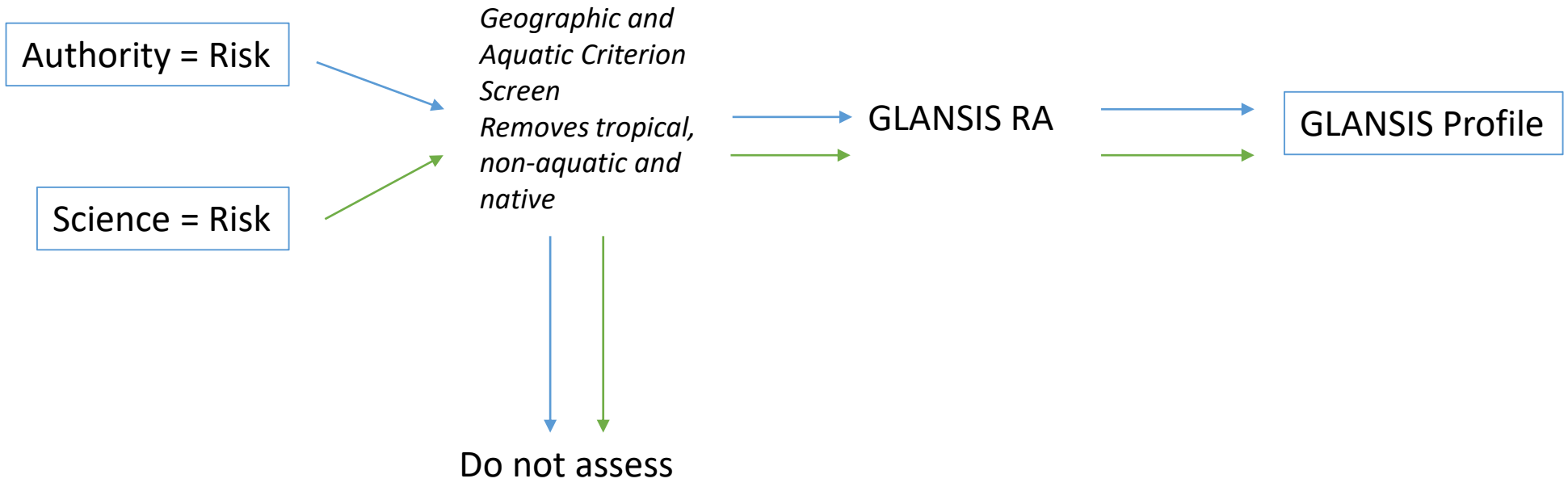
Aquatic criterion: The criterion of including only aquatic species is unchanged. USDA wetland indicator status is used as a guideline for determining whether wetland plants should be included in the list: OBL, FACW, and FAC wetland plants are included in this list as aquatic; FACU and UPL plants are not. Waterfowl, amphibians, reptiles, and mammals are not currently included.

Establishment criterion: Not already established in the Great Lakes, but assessed as 'likely' to become so in peer-reviewed literature[1] or via our assessment (TM-169) as follows:

1. ***Vector Subcriterion***: A transport vector currently exists that could move the species into the Great Lakes. The species is likely to tolerate/survive transport (including in resting stages) in the identified vector. The species has a probability of being introduced multiple times or in large numbers.
2. ***Reproduction and Overwintering Subcriterion***: Based on known tolerances or climate matching, the species is likely to be able to successfully reproduce and overwinter in the Great Lakes.
3. ***Invasion History Subcriterion***: The species has been known to invade other areas

OR

1. The species has been officially listed as a potential invasive species of concern by federal, state or provincial authorities with jurisdiction in the Great Lakes basin.



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