Ctenoimbricata spinosa removed a priori Vetulocystis catenata Yanjiahella biscarpa -Beidazoon venustum Herpetogaster collinsi Vetulicola cuneata Eocrinoidea Akadocrinus %Rhombifera Macrocystella Rhombifera Pleurocystites Eocrinoidea Ubaghsicystis Eocrinoidea Gogia 999 Eocrinoidea Lyracystis radiata Eocrinoidea Kinzercystis Crinoidea Aethocrinus 98% Edrioasteroidea Camptostroma %Helicoplacus Helicocystis moroccoensis 95% Edrioasteroidea Kailidiscus chinensis Edrioasteroidea Stromatocystites Solute Castericystis vali 100% Solute Coleicarpus sprinklei 90%-Cornute Ceratocystis perneri 60% Cornute Ponticulocarpus 100% Mitrate Lagynocystis pyramidalis Mitrate Mitrocystella incipiens 99% Ctenocystoid Courtessolea Cinctan Bohemiacinctus havliceki Banffia constricta 90% Pterobranch Cephalodiscus ∟Pterobranch Rhabdopleura 99% Hemichordata Oesia Enteropneusta Spengelidae Glandiceps LEnteropneusta Harrimaniidae Saccoglossus -Hemichordata Spartobranchus -Hemichordata Gyaltsenglossus Rotadiscus Phlogites longus Shankouclava anningense Leaf stability 84% Tunicata Ciona Unstable Cephalochordata Branchiostoma Amiskwia sagittiformis Stable

Ctenoimbricata spinosa removed a posteriori



