Phylum Arthropoda
Class Malacostraca
Superorder Eucarida
Order Decapoda
Suborder Reptantia
Infraorder Anomura
Family Paguridae

Pagurus spilocarpus

Coloration: Shield and ocular acicles tan; with irregularly arranged reddish-brown flecks; Chelipeds tan, spines white at base and purple at tips; distinctive purple mark on the carpal segment of the chelipeds.

Defining Characteristics:
- Chelia with strong, conical spines on dorsal surface and dorsomesial and dorsolateral margins
- Right cheliped considerably larger than left
- Telson with posterior lobes asymmetrical left lobe larger than right

Illustration

1. Pagurus spilocarpus, paratype. a, Shield and anterior appendages. b, Left chela and carpus (dorsal view). c, Right chela and carpus (dorsal and part, mesial view). d, Right cheliped (lateral view). e, 2nd right pereiopod (lateral view). f, 4th left pereiopod (lateral view). Scales equal 10 mm (a, b–e) and 5 mm (f).