# Cunningham's collecting localities while botanist on Lieutenant Phillip Parker King's survey of coastal Australia, December 1817 to April 1822.

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Allan Cunningham was one of Australia's foremost botanist-explorers. He was born in England in 1791 and was originally intended for the law office. However, he found this unsuitable (McMinn 1970) and was subsequently appointed by William T. Aiton to the Royal Botanic Gardens, Kew to assist in the preparation of the 2nd edition of Hortus Kewensis (Aiton 1810-1813). In 1814, under the direction of Sir Joseph Banks, Cunningham was appointed as a botanical collector. After a successful excursion to Brazil he was directed to New South Wales and arrived in Sydney on 20 December 1816 (McMinn op. cit.). Beside his activities in coastal areas of Australia, which are the subject of this paper, Cunningham explored and collected extensively in inland areas of eastern Australia.

Between December 1817 and April 1822 Cunningham accompanied Lieutenant Phillip Parker King on five voyages undertaken to survey various parts of the Australian coastline. As ship's botanist Cunningham collected assiduously from numerous localities and many of his collections subsequently became type material.

The voyages undertaken by Cunningham in the ships Mermaid and Bathurst were:

Voyage 1 (Mermaid), 22 Dec. 1817–29 July 1818 (Fig. 1);

Voyage 2 (Mermaid), 8 May 1819–12 Jan. 1820 (Fig. 2);

Voyage 3 (Mermaid), 14 June 1820–9 Dec. 1820 (Fig. 3);

Voyage 4 (Bathurst), 26 May 1821–25 April 1822 (Fig. 4); and

**Tasmania** (*Mermaid*) was visited between Voyages 1 and 2, 25 Dec. 1818–14 Feb. 1819.

Cunningham often listed his collecting localities within broad geographic zones. These zones are given in Cunningham's manuscript, often on his specimen labels, and are sometimes cited in publications, e.g. Bentham (1863–1878). The zones that he recognized were:

East coast — encompassing collecting localities of Twofold Bay, N.S.W., north to Cairneross Island, Qld.

North coast — encompassing collecting localities of Booby Island, Qld, west to Bathurst Island, N.T.

North-west coast — encompassing collecting localities of Port Keats, W.A., south to Bay of Rest, W.A.

West coast — encompassing collecting localities of Dirk Hartog Island, W.A., south to Rottnest Island, W.A.

South-west coast - King George Sound, W.A.

South coast — Middle Island, Recherche Archipelago, W.A.

The purpose of this paper is to identify each of Cunningham's collecting localities and to enable them to be readily retrieved by locality or date of collection. A detailed account of each locality visited will be published elsewhere by the first author.

# Methods

The information presented in this work was derived primarily from copies of Cunningham's unpublished journals, King (1827), and copies of King's unpublished charts. These charts were supplied by the Hydrographic Office, London, and by Professor R. Appleyard, Dept of Economics, University of Western Australia. Supplementary data were derived from Heward (1842), Lee (1925) and McMinn (1970).

Appendix I is an alphabetic listing of Cunningham's collecting localities.

Appendix II contains much the same data arranged chronologically. The routes undertaken during each of the four mainland voyages are shown in Figs 1–4. The following notes are provided to explain the information contained in the Appendices.

### **Collecting localities**

Cunningham was usually very explicit as to the localities he visited and collected from. In a few instances, however, we were unsure as to whether a particular location was visited, e.g. Hummock Hill Island. In these cases we have included an appropriate footnote in Appendix I. When he stated that no plants were collected, the site is not included in the present work. In the few cases where he failed to indicate whether or not collections were made we include the locality.

In many instances Cunningham collected from more than one locality within an extended geographic area, e.g. Dampier Archipelago, King George Sound, North and South Goulburn Islands. For convenience, we have in some cases arbitrarily defined extended areas, e.g. Brunswick Bay (which includes St George Basin, Prince Regent River, Greville Island, Hanover Bay and Port George IV). The names given in upper case in Appendices I and II (and shown in Figs 1–4)

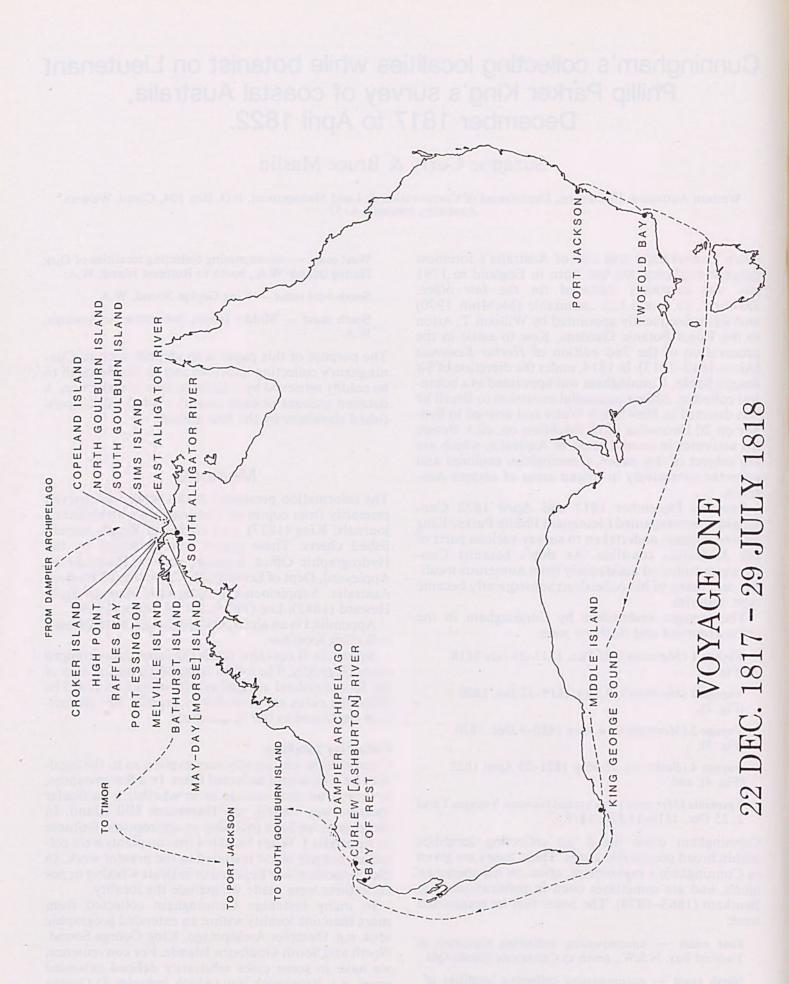
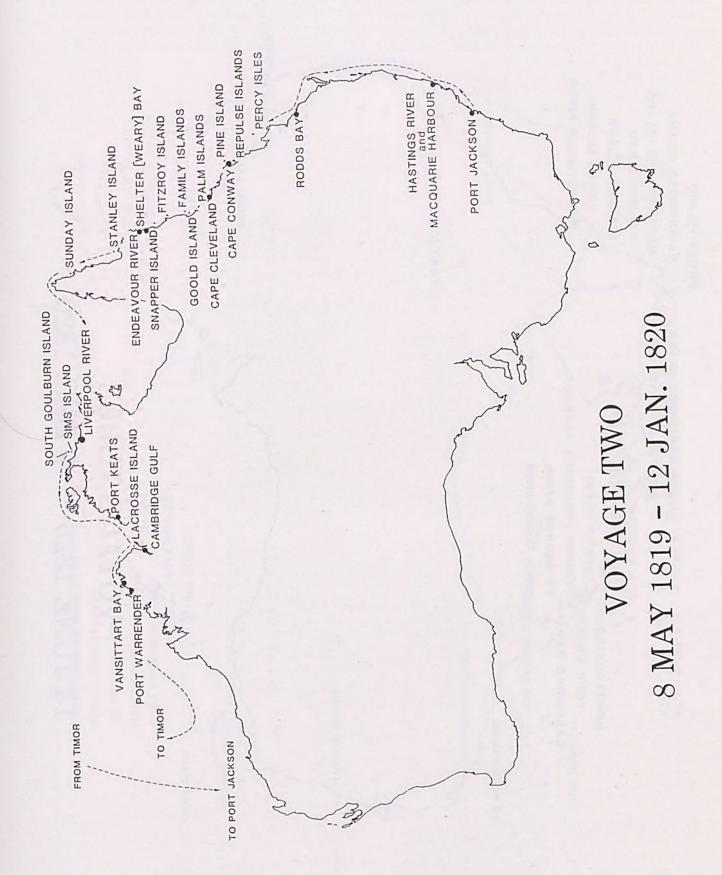


Fig. 1. Route map of Voyage 1.



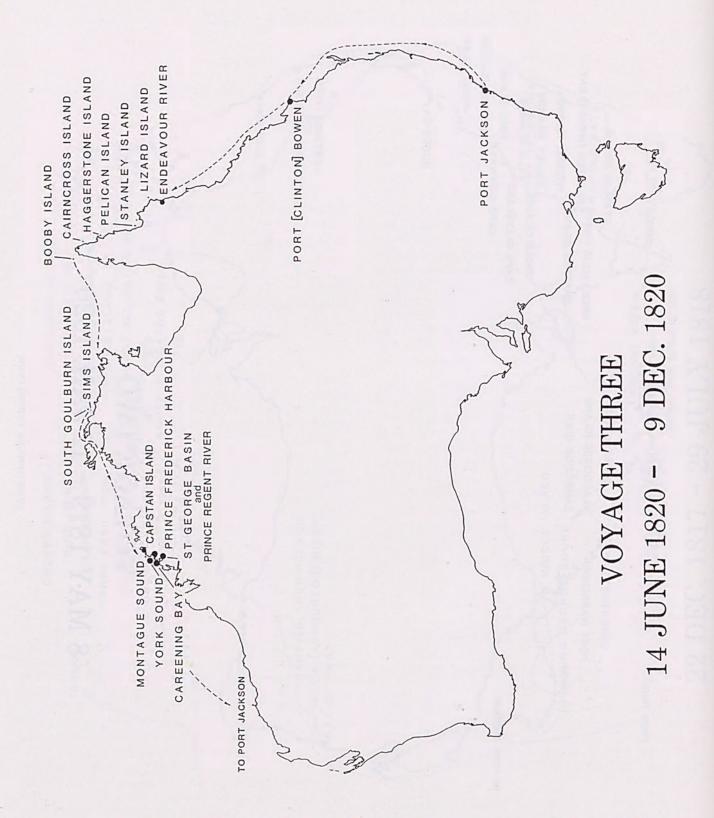
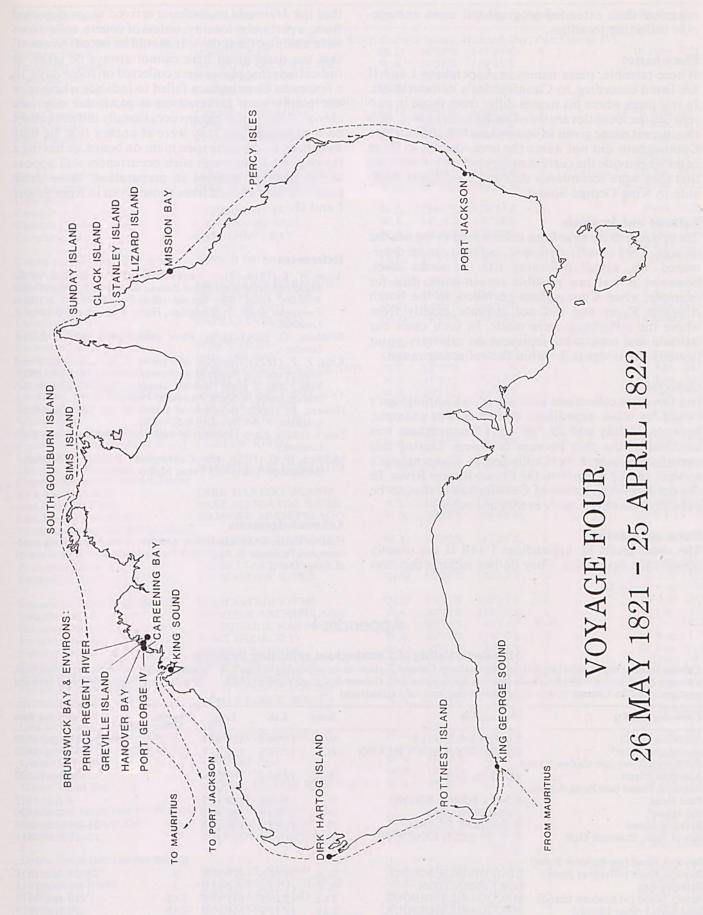


Fig. 3. Route map of Voyage 3.



represent both extended geographical areas and specific collecting localities.

### Place names

Where possible, place names in Appendices I and II are listed according to Cunningham's nomenclature. In instances where his names differ from those in current use the localities are listed under both names, with the current name given in square brackets. Sometimes Cunningham did not name the area visited; in these cases we provide the current names but do not indicate that they were secondarily derived, e.g. Mount Adelaide in King George Sound.

### Latitude and longitude

These parameters have been determined to the nearest minute. They usually represent, as far as can be determined, the actual collecting site. In some cases, however, it was not possible to pin-point this: for example, when Cunningham travelled up the South Alligator River and did not indicate exactly from where the collections were made. In such cases our latitude and longitudes represent an arbitrary point (usually the midpoint) within the collecting range.

#### Collector

In a few cases collections were made on Cunningham's behalf by other expedition members. For example, between 25 July and 29 July 1821 Cunningham was confined to the ship because of illness. During this period some plants were collected by Cunningham's servant and by King from the Prince Regent River. In the detailed description of Cunningham's sites to be published elswhere, such events are noted.

### Dates of collection

The dates given in Appendices I and II are usually actual collecting dates. They do not include the days

that the *Mermaid* or *Bathurst* arrived at, or departed from, a particular locality, unless of course, collections were made on these days. It should be noted, however, that the dates given here cannot always be taken as indications that plants were collected on those days. In a few cases Cunningham failed to indicate whether or not plants were gathered on a particular day (see above). Also, Cunningham occasionally did not collect on a particular day they were at anchor (e.g. he may have been ill, curating specimens on board, or having a lay-day, etc.). Although such occurrences will appear in the detailed account in preparation, these dates have not been excised from those given in Appendices I and II.

#### References

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## Acknowledgements

Heather Exeter is thanked for her competent word processing assistance and Professor R. Appleyard for his donation of several copies of Kings charts.

# Appendix I

# Alphabetic listing of Cunningham collecting localities

Column 1: collecting locality (see text for explanation). Column 2: place-name appearing in Figs 1-4. Column 3: State or Territory of Australia. Columns 4 & 5: latitude and longitude (see text for explanation). Column 6: voyage number (TAS — Visit to Tasmania undertaken between voyages 1 and 2). Column 7: date of collection (see text for explanation).

Collecting locality	Map locality	State	Lat.	Long.	Voyage	Collecting date
Adolphus Island	CAMBRIDGE GULF	W.A.	15°09'S	128°08'E	2	19-20, 28 Sept. 1819
Anyiminali Point <sup>1</sup>	SOUTH GOULBURN ISLAND	N.T.	11°38'S	133°21'E	3	25 Aug. 1820
Ashburton River (see Curlew Rive	er)					
Augereau Island	YORK SOUND	W.A.	14°45'S	125°08'E	3	9 Sept. 1820
Augustus Island (see Point Adieu)						
Bald Head	KING GEORGE SOUND	W.A.	35°06'S	118°01'E	4	4 Jan. 1822
Bat Island <sup>2</sup>	CAREENING BAY	W.A.	15°06'S	124°55'E	3	2 Oct. 1820
Bathurst Island	BATHURST ISLAND	N.T.	11°39'S	130°13'E	1	25-26 May 1818
Bay of Rest, Exmouth Gulf	BAY OF REST, EXMOUTH	W.A.	22°18'S	114°08'E	1 .	15-17 Feb. 1818
	GULF					
Bayonet Head (see Bayonet Point)						
Bayonet Point [=Bayonet Head]	KING GEORGE SOUND	W.A.	34°58'S	117°57'E	1	24, 27 Jan. 1818
Berkeley Bay	PORT ESSINGTON	N.T.	11°13'S	132°11'E	1	20 Apr. 1818
Betsey Island [=Elizabeth Island]	MACQUARIE HARBOUR	TAS.	42°16'S	145°17'E	TAS.	20 Jan. 1819
Bird Islets [=Shag Islands]	MACOUARIE HARBOUR	TAS.	42°16'S	145°17'E	TAS.	20 Jan. 1819
Bloomfield River (see Bloomfields						
Bloomfields Rivulet [=Bloomfield	SHELTER BAY	QLD	15°58'S	145°19'E	2	26 June 1819
River]						
Bonnet Island (see Rocky Island)						
Booby Island	BOOBY ISLAND	QLD	10°36'S	141°54'E	3	16 Aug. 1820
Bottle Rock	SOUTH GOULBURN ISLAND	N.T.	11°38'S	133°21'E	1	29 Mar., 1 Apr. 1818

Collecting locality	Map locality	State	Lat.	Long.	Voyage	Collecting date
Brunswick Bay and environs (see	St George Basin, Prince Regent River,	Grevill	e Island,	Hanover Ba	ay, Port	George IV)
Bulburra Beach <sup>3</sup>	MISSION BAY	QLD	16°54'S	145°54'E	4	18 June 1821
Burrup Peninsula		W.A.	20°38'S	116°45'E	1	28 Feb. 1818
Caiman Creek	PORT ESSINGTON	N.T.	11°14'S	132°12'E	1 3	20 Apr. 1818 14 Aug. 1820
Cairneross Island		QLD	11°15'S	142°55'E	3	14 Aug. 1820
	der 19–28 Sept. 1819 in Appendix II) CAPE CLEVELAND	QLD	19°11'S	147°01'E	2	14-16 June 1819
Cape Cleveland	CAPE CONWAY	OLD	20°32'S	148°56'E	2 2	9 June 1819
Cape Conway Cape Flinders		QLD	14°08'S	144°14'E	2	14-15 July 1819
Lape Finders	STARLET ISLARD	QUD	11000		3	9 Aug. 1820
					4	22 June 1821
Cape Inscription	DIRK HARTOG ISLAND	W.A.	25°29'S	112°58'E	4	21 (?also 22, 23) Jan. 1822
Cape Levillain	DIRK HARTOG ISLAND	W.A.	25°30'S	113°01'E	4	24-25 Jan. 1822
Cape Pond <sup>4</sup>						and the second of the second second
Caper Point <sup>5</sup>	CAREENING BAY	W.A.	15°07'S	124°57'E	3	2 Oct. 1820
Capstan Island	CAPSTAN ISLAND	W.A.	14°35'S	125°16'E	3	8 Sept. 1820
Careening Bay	CAREENING BAY	W.A.	15°06'S	125°00'E	3	21 Sept6 Oct. 1820
				1400000	4	23-24 July 1821
Cartha Island [=Garden Island]	GOOLD ISLAND	QLD	18°11'S	146°09'E	2	20 June 1819
Castle Peaks (see Mount Dreary)	MARCOLLARE MARROUR	TAC	1201 410	14591275	TAS.	18 Jan. 1819
Channel Bay	MACQUARIE HARBOUR	TAS.	42°14'S	145°13'E	1 AS. 3	4 Aug. 1820
Cherry Tree Bay6	ENDEAVOUR RIVER	QLD	15°28'S 14°04'S		4	23 June 1821
Clack Island	CLACK ISLAND	QLD QLD	14 04 S 19°13'S		2	14–16 June 1819
Cleveland Bay	CAPE CLEVELAND	QLD	19 15 5	140 33 E	4	14-10 June 1819
Cliff Island (see Bat Island)	PERCY ISLES	QLD	21°38'S	150°15'E	4	10 June 1821
Cockatoo Hill	SHELTER BAY	QLD	15°56'S		2	26 June 1819
Collins Hill	NORTH GOULBURN ISLAND	N.T.	11°30'S		ĩ	7 Apr. 1818
Cone Point Copeland Island	COPELAND ISLAND	N.T.	11°29'S		1	12 Apr. 1818
Courtenay Head, Malus Island	DAMPIER ARCHIPELAGO	W.A.	20°31'S		î	1 Mar. 1818
Croker Island	CROKER ISLAND	N.T.	11°05'S		1	14 Apr. 1818
Crystal Head <sup>7</sup>	PORT WARRENDER	W.A.	14°29'S		2	10 Oct. 1819
Cunningham Point (see Point Cun						
Curlew River [=Ashburton River]	CURLEW RIVER	W.A.	21°42'S	114°56'E	1	20 Feb. 1818
Cygnet Bay <sup>8</sup>						and the second states of the second
Dampier Archipelago	DAMPIER ARCHIPELAGO	W.A.	20°33'S	116°32'E	1	25 Feb1 Mar. 1818
Derwent River (see Hobart Town	)					
Dirk Hartog Island	DIRK HARTOG ISLAND	W.A.	25°30'S			21-25 Jan. 1822
East Alligator River	EAST ALLIGATOR RIVER	N.T.	12°11'S			6 May 1818
East Intercourse Island	DAMPIER ARCHIPELAGO	W.A.	20°39'S	116°41'E	1	27 Mar. 1818
Elizabeth Island (see Betsey Island	d)		2 500.010			24 20 1-2 1919
Emu Point	KING GEORGE SOUND	W.A.	35°00'S	117°57'E		24, 28 Jan. 1818
			1 490 710	10(011)	4	26 Dec. 1821 6 Oct. 1819
Encounter Cove	VANSITTART BAY	W.A.	14°07'S			28 June-10 July 1819
Endeavour River	ENDEAVOUR RIVER	QLD	15°27'S	145°13'E	3	27 July-4 Aug. 1820
Dian Couth Dranch	ENDEAVOUR RIVER	QLD	15°27'S	145°13'E		9 July 1819
Endeavour River South Branch	ENDEAVOUR RIVER DAMPIER ARCHIPELAGO	W.A.	20°37'S			25 Feb. 1818
Enderby Island	MACQUARIE HARBOUR	TAS.	42°13'S			15 Jan. 1819
Entrance Island	PORT GEORGE IV	W.A.	15°17'S			11 Aug. 1821
Entrance Island	FAMILY ISLANDS	QLD	18°02'S			21 June 1819
Family Islands Finch Bay	ENDEAVOUR RIVER	QLD	15°28'S			2 July 1819
Fitzroy Island	FITZROY ISLAND	QLD	16°56'S			22-23 June 1819
French River [=Kalgan River]	KING GEORGE SOUND	W.A.	34°56'S			25 Jan. 1818
Frenchman Bay	KING GEORGE SOUND	W.A.	35°05'S			20 Jan. 1818
Trenenman Day					4	3-5 Jan. 1822
Gap Island (see Greville Island)						Internet and the second
Garden Island [=Green Island]	KING GEORGE SOUND	W.A.	34°59'5	5 117°57'E	1	21, 27 Jan. 1818
Garden Island (see Cartha Island						
Goodenough Bay9	KING SOUND	W.A.	16°49'5			9 Feb. 1822
Goold Island	GOOLD ISLAND	QLD	18°10'5			20 June 1819
Goose Island Bay	MIDDLE ISLAND, RECHERCHE	W.A.	34°05'5	5 123°12'E	1	16 Jan. 1818
	ARCHIPELAGO					
Goulburn Islands (see North or S			2200010			14 1-2 192
Government House Lake	ROTTNEST ISLAND	W.A.	32°00'S			14 Jan. 182
Grassy Hill	ENDEAVOUR RIVER	QLD	15°28'5	5 145°15'E		6 July 1819
					3	4 Aug. 1820 <sup>1</sup>
Green Island (see Garden Island)	ODEVILLE ISLAND	W/ A	1501010	5 124°51'E		30 July, 1-3 Aug. 182
	GREVILLE ISLAND	W.A.	15°19'5			30 July, 1–3 Aug. 182 13 Aug. 182
Greville Island <sup>11</sup>	TATION TANK IN AND	QLD	12°03'9 15°19'9			1–3 Aug. 182
Haggerstone Island	HAGGERSTONE ISLAND		15193	124 31 1	4	
Haggerstone Island Halfway Bay <sup>12</sup>	GREVILLE ISLAND	W.A.			· ·	6 4110 192
Haggerstone Island Halfway Bay <sup>12</sup> Hanover Bay	GREVILLE ISLAND HANOVER BAY	W.A.	15°19'5	S 124°46'E		6 Aug. 182
Haggerstone Island Halfway Bay <sup>12</sup>	GREVILLE ISLAND HANOVER BAY HASTINGS RIVER and PORT	W.A.		S 124°46'E		6 Aug. 182 14–16 May 181
Haggerstone Island Halfway Bay <sup>12</sup> Hanover Bay Hastings River	GREVILLE ISLAND HANOVER BAY HASTINGS RIVER and PORT MACQUARIE	W.A.	15°19'5	S 124°46'E		
Haggerstone Island Halfway Bay <sup>12</sup> Hanover Bay Hastings River Havannah Island (see Island No.	GREVILLE ISLAND HANOVER BAY HASTINGS RIVER and PORT MACQUARIE	W.A.	15°19'5	S 124°46'E		
Haggerstone Island Halfway Bay <sup>12</sup> Hanover Bay Hastings River	GREVILLE ISLAND HANOVER BAY HASTINGS RIVER and PORT MACQUARIE	W.A.	15°19'5	5 124°46'E 5 152°50'E	2	

Collecting locality	Map locality	State	Lat.	Long.	Voyage	Collecting date
Hobart Town [=Hobart] <sup>13</sup> Hummock Hill Island <sup>14</sup>	HOBART TOWN RODDS BAY	TAS. QLD	42°52'S 24°00'S	147°20'E 151°28'E	TAS. 2	5–9 Jan., 1–5 Feb. 1819 30 May 1819
Hummock Island (see The Lump) Hunter River	PRINCE FREDERICK HAR- BOUR	W.A.	15°02'S	125°26'E	3	13, 16-18 Sept. 1820
Intercourse Island	DAMPIER ARCHIPELAGO	W.A.	20°39'S	116°38'E	1	27 Feb. 1818
Island No.2 [=Havannah Island]	PALM ISLANDS	QLD	18°50'S 14°09'S	146°32'E 126°14'E	2 2	18 June 1819 6 Oct. 1819
Jar Island	VANSITTART BAY	W.A.	14 09 5	120 14 E	2	0 Oct. 1819
Kalgan River (see French River) Kanunga Point	BATHURST ISLAND	N.T.	11°39'S	130°11'E	1	25 May 1818
Katers Island <sup>15</sup>	MONTAGUE SOUND	W.A. W.A.	14°30'S 20°38'S	125°33'E 116°45'E	3	6 Sept. 1820 28 Feb. 1818
King Bay	DAMPIER ARCHIPELAGO PRINCE REGENT RIVER	W.A.	20 38 S	125°18'E	4	26 July 1821
King Cascade King George IV Sound (see King C	George Sound)					
King George Sound	KING GEORGE SOUND	W.A.	35°01'S	117°53'E	1	20–31 Jan. 1818 24 Dec. 1821–5 Jan. 1822
King River	PORT ESSINGTON	N.T.	11°21'S	132°07'E	1	23 Apr. 1818
King Sound	KING SOUND	W.A.	16°50'S	123°30'E	4	9-12 Feb. 1822
Knocker Bay	PORT ESSINGTON	N.T.	11°18'S 14°44'S	132°08'E 128°18'E	1 2	23 Apr. 1818
acrosse Island	LACROSSE ISLAND KING GEORGE SOUND	W.A. W.A.	35°01'S	117°55'E	1	17 Sept. 1819 31 Jan. 1818
ake Seppings ammas Island (see Greville Island			55 01 5			
Limestone Head	KING GEORGE SOUND	W.A.	35°05'S	118°00'E	4	3 Jan. 1822
iverpool River	LIVERPOOL RIVER	N.T. QLD	12°15'S 14°40'S	134°07'E 145°28'E	23	5-6 Aug. 1819 6 Aug. 1820
izard Island	LIZARD ISLAND	QLD	14 40 5	145 20 2	4	20 June 1821
ong Island	VANSITTART BAY	W.A.	13°57'S	126°19'E	2	3 Oct. 1819
uxmore Head	MELVILLE ISLAND	N.T.	11°21'S 42°15'S	130°23'E 145°15'E	1 TAS.	17 May 1818 13–25 Jan. 1819
Aacquarie Harbour	MACQUARIE HARBOUR DAMPIER ARCHIPELAGO	TAS. W.A.	42 15 S 20°31'S	145 15 E 116°41'E	1	1 Mar. 1818
Malus Island Mangrove Bay	RODDS BAY	QLD	24°03'S	151°35'E	2	30 May 1819
Mangrove Point	PORT ESSINGTON	N.T.	11°24'S	132°11'E	1	21 Apr. 1818
Aargaret Bay	SUNDAY ISLAND	QLD	11°56'S	143°12'E	2 4	22 July 1819 27–28 June 1821
Marney Bay, Malus Island	DAMPIER ARCHIPELAGO	W.A.	20°31'S	116°41'E	1	1 Mar. 1818
May-Day Island [=Morse Island]	MAY-DAY ISLAND	N.T.	11°35'S	132°19'E	1	1 May 1818
Aelville Island	MELVILLE ISLAND	N.T. N.T.	11°21'S 11°22'S	130°23'E 132°11'E	1	17 May 1818 20 Apr. 1818
Aiddle Head	PORT ESSINGTON MIDDLE ISLAND,	W.A.	34°06'S	123°11'E	1	16 Jan. 1818
fiddle Island, techerche Archipelago	RECHERCHE ARCHIPELAGO					
fiddle Island (see Percy Isle No.2)		W.A.	35°00'S	117°56'E	1	22, 31 Jan. 1818
Aiddleton Beach Aission Bay	KING GEORGE SOUND MISSION BAY	OLD	16°53'S	145°53'E	4	17–18 June 1821
listaken Island	DAMPIER ARCHIPELAGO	W.A.	20°39'S	116°40'E	1	27 Mar. 1818
Aistaken Island	KING GEORGE SOUND	W.A.	35°04'S	117°56'E	4	5 Jan. 1822
Iontague Sound	MONTAGUE SOUND	W.A.	14°26'S	125°33'E	3	6-8 Sept. 1820
forse Island (see May-Day Island) fount Adelaide	KING GEORGE SOUND	W.A.	35°02'S	117°55'E	1	22, 31 Jan. 1818
Aount Brookes <sup>16</sup>	PRINCE FREDERICK HAR-	W.A.	15°10'S	125°26'E	3	13 Sept. 1820
Aount Cook	BOUR ENDEAVOUR RIVER	QLD	15°30'S	145°16'E	2	2 July 1819
	STANI EV ISLAND	OLD	14°09'S	144°15'E	3	2 Aug. 1820
Mount Dreary [=Castle Peaks]	STANLEY ISLAND	QLD			2 3	14 July 1819 9 Aug. 1820
Mount Flinders <sup>17</sup>	PORT BOWEN	QLD	22°33'S	150°46'E	3	22 July 1820
Iount Knight Iount Martin (area)	CAREENING BAY KING GEORGE SOUND	W.A. W.A.	15°09'S 35°00'S	125°02'E 117°58'E	3	25 Sept. 1820 22, 24, 26 Jan. 1818
Mount Martin (area)	KING GLONGE SOUND				4	25-26, 28-29 Dec. 1821
Aount Saunders	ENDEAVOUR RIVER	QLD	15°25'S	145°14'E	23	5 July 1819 28 July 1820
Aount Table [=Mount Wellington]		TAS.	42°54'S	147°14'E	TAS.	7–8 Jan. 1819
Mount Wellington (see Mount Tab Mountnorris Bay	COPELAND ISLAND	N.T.	11°29'5	132°43'E	1	12 Apr. 1818
Aullet Bay	NORTH GOULBURN ISLAND	N.T.	11°31'S	133°23'E	1	5-7 Apr. 1818
Aunster Water <sup>18</sup>	GREVILLE ISLAND	W.A.	15°18'S	124°50'E	4	4 Aug. 1821
Ayola Bluff (see Vine Head)	CAMBRIDGE GULF	W.A.	15°03'S	128°08'E	2	20, 28 Sept. 1819
Vicholls Point, Adolphus Island North Goulburn Island	NORTH GOULBURN ISLAND	N.T.	11°31'S	133°23'E	1	5-7 Apr. 1818
Duter Bay [=Pilot Bay]	MACQUARIE HARBOUR	TAS.	42°12'S	145°12'E	TAS.	13-1419, 25 Jan. 1819
Dyster Harbour	KING GEORGE SOUND	W.A.	34°59'S	117°57'E	1 4	21–31 Jan. 1818 24–31 Dec. 1821
Dyster Point	PORT ESSINGTON	N.T.	11°18'S	132°08'E	4	24-51 Dec. 1821 23 Apr. 1818
alm Bay	CROKER ISLAND	N.T.	11°05'S	132°28'E	1	14 Apr. 1818
alm Islands	PALM ISLANDS	QLD	18°50'S	146°32'E	2	18 June 1819
Pelican Island Pelican Point	PELICAN ISLAND HASTINGS RIVER and	QLD N.S.W.	13°55'S 31°26'S	143°50'E 152°55'E	32	10 Aug. 1820 18 May 1819
eneall I Unit		11.0.11.	51 200	102 00 1	-	10 Way 1019
	PORT MACQUARIE					

ollecting locality	Map locality	State	Lat.	Long.	Voyage	Collecting date
ercy Isles (see above)	PERCY ISLES PERCY ISLES	QLD QLD	21°45'S 21°39'S	150°20'E 150°16'E	2 4	3–4 June 1819 10–11 June 1821
ilot Bay (see Outer Bay)	MACQUARIE HARBOUR	TAS.	42°12'S	145°21'E	TAS.	21-23 Jan. 1819
ine Cove	PINE ISLAND	QLD	20°23'S	143°54'E	2	10 June 1819
ine Head ine Island	PINE ISLAND	QLD	20°23'S	148°54'E	2	10 June 1819
Point Adieu, Augustus Island	PORT GEORGE IV	W.A.	15°15'S	124°34'E	4	13 Aug. 1821
oint Cunningham	KING SOUND	W.A.	16°41'S	123°08'E	4	9, 12 Feb. 1822
-Cunningham Point]						5 X 1 1010
oint Saunders	ENDEAVOUR RIVER	QLD	15°28'S	145°14'E	2 3	5 July 1819 28 July 1820
Port Bowen <sup>20</sup> [=Port Clinton] Port Clinton (see Port Bowen) Port Cockburn (see St Asaph Bay)	PORT BOWEN	QLD	22°32'S	150°45'E	3	21-22 July 1820
Port Essington	PORT ESSINGTON	N.T.	11°15'S	132°08'E	1	20-24 Apr. 1818
ort George IV	PORT GEORGE IV	W.A.	15°20'S	124°38'E	4	11-13 Aug. 1821
Port Hurd	BATHURST ISLAND	N.T.	11°39'S	130°13'E	1	25-26 May 1818
Port Keats	PORT KEATS	N.T.	14°08'S	129°33'E	2	6-7 Sept. 1819
Port Macquarie	HASTINGS RIVER and PORT MACQUARIE	N.S.W.	31°27'S	152°55'E	2	11-13, 18-20 May 1819
Port Nelson <sup>21</sup>						
Port Warrender	PORT WARRENDER	W.A.	14°34'S	125°52'E	2	10-12 Oct. 1819
Prince Frederick Harbour	PRINCE FREDERICK HAR-	W.A.	15°07'S	125°20'E	3	11-18 Sept. 1820
Prince Regent River	BOUR PRINCE REGENT RIVER	W.A.	15°30'S	125°08'E	3	12 Oct. 1820
					4	26-28 July 1821
Princess Royal Harbour	KING GEORGE SOUND	W.A.	35°02'S	117°55'E	1	22, 31 Jan. 1818
Raffles Bay	RAFFLES BAY	N.T.	11°19'S 11°19'S	132°24'E 132°10'E	1	17-18 Apr. 1818 22 Apr. 1818
Record Point Regent(s) River (see Prince Regent	PORT ESSINGTON	N.T.	11 19 5	152 10 L	1	22 Apr. 1010
Repulse Bay, islands of (see Repul	se Islands)					
Repulse Islands	REPULSE ISLANDS	QLD	20°37'S	148°52'E	2	8 June 1819
River Point [=Yellow Bluff]	MACQUARIE HARBOUR	TAS.	42°13'S	145°18'E	TAS.	21 Jan. 1819
Rockingham Bay	GOOLD ISLAND	QLD	18°09'S	146°10'E	2	20 June 1819
Rocky Head, Enderby Island	DAMPIER ARCHIPELAGO	W.A.	20°37'S	116°28'E		25 Feb. 1818
Rocky Island	MISSION BAY	QLD	16°53'S	145°54'E		17 June 1821
Rocky Island [=Bonnet Island]	MACQUARIE HARBOUR	TAS.	42°13'S	145°14'E		16 Jan. 1819 30 May 1819
Rodds Bay	RODDS BAY	QLD W.A.	24°01'S 15°11'S	151°36'E 125°32'E		13–14 Sept. 1820
Roe River	PRINCE FREDERICK HARBOUR	w.A.	15115	125 52 E	3	15-14 Sept. 1820
Rottnest Island	ROTTNEST ISLAND	W.A.	32°00'S	115°30'E	4	14 Jan. 1822
Round Head	MACQUARIE HARBOUR	TAS.	42°15'S	145°14'E		19 Jan. 1819
Sand Point	NORTH GOULBURN ISLAND	N.T.	11°33'S	133°23'E		5 Apr. 1818
Sandy Point [=presumably = Spit	RODDS BAY	QLD	24°01'S	151°36'E	2	30 May 1819
End]						20. 20. 1. 1010
Seal Island	KING GEORGE SOUND	W.A.	35°05'S	117°58'E	4	20, 29 Jan. 1818 4 Jan. 1822
Shag Islands (see Bird Islets)					-	4 Jun. 1022
Shark Bay (see Dirk Hartog Island	1)					26 1
Shelter Bay [=Weary Bay]	SHELTER BAY	QLD	15°54'S	145°22'E		26 June 1819
Sight Point <sup>22</sup>	GREVILLE ISLAND	W.A. N.T.	15°19'S 11°40'S	124°51'E 133°19'E		1 Aug. 1821 28 Mar., 2–3 Apr. 1818
Sims Island	SIMS ISLAND	N.1.	11 40 5	133 19 6	2	13 Aug. 1819
					3	26 Aug. 1820
	and the second se				4	5-7 July 1821
Smith Island	FAMILY ISLANDS	QLD	18°02'S	146°12'E		21 June 1819
Snapper Island	SNAPPER ISLAND	QLD	16°18'S	145°30'E		24 June 1819
Snug Cove	TWOFOLD BAY		37°05'S	149°55'E		26 Dec. 1817
South Alligator River	SOUTH ALLIGATOR RIVER	N.T.	12°25'S	132°23'E		7-8 May 1818 27 Mar1 Apr. 1818
South Goulburn Island	SOUTH GOULBURN ISLAND	N.T.	11°39'S	133°21'E	2	16–17 Aug. 1819
					3	22-25 Aug. 1820
					4	5-6 July 1821
		OLD	2002710	1409527	2	8 June 1819
South Island (see Percy Isle No. 1	REPULSE ISLANDS	QLD N.T.	20°37'S 11°39'S	148°52'E 133°21'E		27 Mar1 Apr. 1818
South Repulse Island	CONTRA COLUMNIA ND	IN. I.	11 39 3	135 21 1	2	16-17 Aug. 1819
South Island (see Percy Isle No. 1 South Repulse Island South West Bay	SOUTH GOULBURN ISLAND				4	10
South Repulse Island	SOUTH GOULBURN ISLAND				3	22-25 Aug. 1820
South Repulse Island	SOUTH GOULBURN ISLAND				3 4	
South Repulse Island South West Bay	SOUTH GOULBURN ISLAND	N.T.	11°19'S	132°09'I	4	5-6 July 182 22 Apr. 1818
South Repulse Island South West Bay Spear Point	PORT ESSINGTON CAMBRIDGE GULF	N.T. W.A.	11°19'S 15°08'S	132°09'H 128°13'H	4 E 1	5-6 July 182 22 Apr. 181
South Repulse Island South West Bay Spear Point Sphinx Rocks	SOUTH GOULBURN ISLAND PORT ESSINGTON		15°08'S	128°13'I	4 E 1 E 2	5–6 July 182 22 Apr. 181 20 Sept. 181
South Repulse Island South West Bay Spear Point Sphinx Rocks Spit End (see Sandy Point) St Asaph Bay [== Port Cockburn]	SOUTH GOULBURN ISLAND PORT ESSINGTON CAMBRIDGE GULF MELVILLE ISLAND	W.A. N.T.	15°08'S	128°13'E	4 E 1 E 2 E 1	5-6 July 182 22 Apr. 181 20 Sept. 181 17 May 181
South Repulse Island South West Bay Spear Point Sphinx Rocks Spit End (see Sandy Point) St Asaph Bay [== Port Cockburn] St George Basin	SOUTH GOULBURN ISLAND PORT ESSINGTON CAMBRIDGE GULF MELVILLE ISLAND ST GEORGE BASIN	W.A. N.T. W.A.	15°08'S 11°21'S 15°23'S	128°13'H 130°23'H 125°02'H	4 E 1 E 2 E 1 E 3	22–25 Aug. 1820 5–6 July 1821 22 Apr. 1813 20 Sept. 1819 17 May 1819 11–13 Oct. 1820 14–15 July 1819
South Repulse Island South West Bay Spear Point Sphinx Rocks Spit End (see Sandy Point) St Asaph Bay [== Port Cockburn]	SOUTH GOULBURN ISLAND PORT ESSINGTON CAMBRIDGE GULF MELVILLE ISLAND	W.A. N.T.	15°08'S	128°13'H 130°23'H 125°02'H	4 E 1 E 2 E 1 E 3	5-6 July 182 22 Apr. 181 20 Sept. 181 17 May 181

	Map locality	State	Lat.	Long.	Voyage	Collecting date
Collecting locality	CAMBRIDGE GULF	W.A.	15°12'S	128°07'E	2	22 Sept. 1819
Still Bay Sullivans Cove (see Hobart Town)		QLD	11°56'S	143°12'E	2	22 July 1819 27–28 June 1821
Sunday Island	MONTAGUE SOUND	W.A.	14°31'S	125°35'E	3	6-8 Sept. 1820
Swift Bay Table Head (see Table Point) Table Point [=Table Head]	PORT ESSINGTON	N.T.	11°15'S	132°11'E	1	24 Apr. 1818
Teal Pond (see Outer Bay)	SOUTH GOULBURN ISLAND	N.T.	11°38'S	133°21'E	1	1 Apr. 1818
The Brothers	CAMBRIDGE GULF	W.A.	15°31'S	128°00'E	2	25 Sept. 1819
	PORT GEORGE IV	W.A.	15°19'S	124°37'E	4	11-12 Aug. 1821
The Gut The Lump [=Hummock Island]	ROTTNEST ISLAND	W.A.	32°00'S	115°31'E	4	14 Jan. 1822
Thomson Bay	DIRK HARTOG ISLAND	W.A.	25°30'S	112°59'E	4	21-25 Jan. 1822
The second	D DAV	NSW	37°05'S	149°55'E	1	26 Dec. 1817
Twofold Bay	sland, East and South Alligator Riv KING GEORGE SOUND	ers)				
Van Dieman Gulf (see May-Day Is	KING GEORGE SOUND	W.A.	34°59'S	117°57'E	1	21 Jan. 1818
Vancouvers' Well	VANSITTART BAY	W.A.	14°04'S	126°17'E	2	3-6 Oct. 1819
Vansittart Bay	CAMBRIDGE GULF	W.A.	15°11'S	128°07'E	2	19 Sept. 1819
View Hill	VANSITTART BAY	W.A.	14°12'S	126°16'E	2	5 Oct. 1819
Vine Head [=Myola Blun]	MONTAGUE SOUND	W.A.	14°21'S	125°30'E	3	6 Sept. 1820
Water Island Weary Bay (see Shelter Bay) West Bay, Middle Island West Point)	PERCY ISLES	QLD	21°39'S	150°15'E	4	10-11 June 1821
Yellow Bluff (see River Point) York Sound	YORK SOUND	W.A.	14°45'S	125°08'E	3	9 Sept. 1820

1 Presumably the point referred to by Cunningham.

2 Also referred to by Cunningham as Cliff Island.

3 Presumably the beach referred to by Cunningham. 3 Presumably the beach refered to by Cantagenesis, Cunningham did not visit here. His journal, however, refers to 'Islands off Cape Pond' which we have 4 Although this locality appears in *Flora australiensis*, Cunningham did not visit here. His journal, however, refers to 'Islands off Cape Pond' which we have

determined as Augereau Island.

5 This locality does not appear on present day maps.

6 Presumably the bay referred to by Cunningham.
7 This locality as used by King is 2 km SSE of the Crystal Head marked on present day maps.

7 This locality as used by King is 2 km SSE of the Crystal read marked on present day maps.
8 Specimens ascribed by Cunningham to this locality were collected from the Point Cunningham area.
9 We are uncertain as to the exact locality within Goodenough Bay that Cunningham visited, however, it is perhaps between Murdah and Foul Points.
9 We are uncertain that Grassy Hill was revisited on 4 Aug. 1820.

10 It is presumed that Grassy Hill was revisited on 4 Aug. 1820.
11 On 5 Aug. 1821 a few collections where made on Cunningham's behalf from an island near Greville Island. This site is perhaps 'Gap Island' or 'Lammas Island', these names do not appear on present day maps.
12 This locality as used by King is c. 3 km due E of the Halfway Bay marked on present day maps.
13 Anchored in Sullivans Cove on the Derwent River.
14 Uncertain whether Cunningham collected from this locality.
15 Presumably the island visited by Cunningham

16 This locality as used by King is c. 8 km NE of the Mount Brookes marked on present day maps.
17 Presumably the mount referred to by Cunningham.

18 Collection made from a rocky islet adjacent to Greville Island in Munster Water.
19 On 14 Jan. 1819 it is probable that Heron Pond and possibly also Teal Pond where visited.
20 Not to be confused with Port of Bowen, 20°04'S, 148°22'E. 20 Not to be confused with Fort of Determinal locality description for the area encompassing Bat Island, Caper Point and Careening Bay. 21 Cunningham used this name as a general locality description for the area encompassing Bat Island, Caper Point and Careening Bay.

22 This locality does not appear on present day maps.

# Appendix II

# Chronological listing of Cunningham collecting localities

Place-names in upper case are the collecting localities shown in Figs 1-4. Names in lower case are collecting localities within extended geographic area (see text for explanation).

#### Voyage 1 (22 Dec. 1817-29 July 1818)

22 Dec. 1817 26 Dec. 1817 16 Jan. 1818	<i>Mermaid</i> departed Sydney (Port Jackson). TWOFOLD BAY, N.S.W. MIDDLE ISLAND, RECHERCHE ARCHIPELAGO, W.A.: Goose Island Bay.
20–31 Jan. 1818	KING GEORGE SOUND, W.A.: Bayonet Point, Emu Point, French River, Frenchman Bay, Garden Island, Lake Seppings, Middleton Beach, Mount Adelaide, Mount Martin, Oyster Harbour, Princess Royal Harbour, Seal Island, Vancouvers' Well.
15-17 Feb. 1818	BAY OF REST, EXMOUTH GULF, W.A.
20 Feb. 1818	CURLEW RIVER [=Ashburton River], W.A.
23 Feb1 Mar. 1818	DAMPIER ARCHIPELAGO, W.A.: Burrup Peninsula, Courtenay Head, East Intercourse Island, Enderby Island, Intercourse Island, King Bay, Malus Island, Marney Bay, Mistaken Island, Rocky Head.
28 May, 2-3 Apr. 1818	SIMS ISLAND, N.T.
5-7 Apr. 1818	NORTH GOULBURN ISLAND, N.T.: Cone Point, Mullett Bay, Sand Point.
12 Apr. 1818	COPELAND ISLAND, N.T.: Mountnorris Bay.
14 Apr. 1818	CROKER ISLAND, N.T.: Palm Bay.
15 Apr. 1818	HIGH POINT, N.T.
17-18 Apr. 1818	RAFFLES BAY, N.T.
20-24 Apr. 1818	PORT ESSINGTON, N.T.: Berkeley Bay, Caiman Creek, King River, Knocker Bay, Mangrove Point, Middle Head, Oyster Point, Record Point, Spear Point, Table Point.
1 May 1818	MAY-DAY ISLAND [=Morse Island], N.T.
6 May 1818	EAST ALLIGATOR RIVER, N.T.

SOUTH ALLIGATOR RIVER, N.T. 7-8 May 1818 MELVILLE ISLAND, N.T.: Luxmore Head, St Asaph Bay. BATHURST ISLAND, N.T.: Kanunga Point, Port Hurd. 17 May 1818 25-26 May 1818 Departed N.T. coast for Timor. 31 May 1818 Departed Timor for Port Jackson. 14 June 1818 Arrived in Sydney (Port Jackson). 29 July 1818 Voyage to Van Diemen's Land (Tasmania) between voyages 1 & 2 (25 Dec. 1818-14 Feb. 1819) Mermaid departed Sydney (Port Jackson). 24 Dec. 1818 HOBART TOWN [=Hobart], TAS: Derwent River, Mount Table, Sullivans Cove. MACQUARIE HARBOUR, TAS: Betsey Island, Bird Islets, Channel Bay, Entrance Island, Heron Pond (?), 5-9 Jan. 1819 13-25 Jan. 1819 Outer Bay, Pine Cove, River Point, Rocky Island, Round Head, Teal Pond (?). HOBART TOWN [=Hobart], TAS. 1-5 Feb. 1819 Arrived in Sydney (Port Jackson). 14 Feb. 1819 Voyage 2 (8 May 1819-12 Jan. 1820) Mermaid departed Sydney (Port Jackson) accompanied by the colonial brig Lady Nelson. 8 May 1819 HASTINGS RIVER and PORT MACQUARIE, N.S.W. Pelican Point. 11-20 May 1819 RODDS BAY, QLD: Hummock Hill Island (?), Mangrove Bay, Sandy Point. PERCY ISLES, QLD: Percy Isle No. 1. REPULSE ISLANDS, QLD: South Repulse Island. 30 May 1819 3-4 June 1819 8 June 1819 CAPE CONWAY, QLD 9 June 1819 10 June 1819 PINE ISLAND, QLD: Pine Head. CAPE CLEVELAND, QLD: Cleveland Bay. 14-16 June 1819 PALM ISLANDS, QLD: Island No. 2. GOULD ISLAND, QLD: Cartha Island, Rockingham Bay. 18 June 1819 20 June 1819 FAMILY ISLANDS, QLD: Smith Island. 21 June 1819 FITZROY ISLAND, QLD SNAPPER ISLAND, QLD 22-23 June 1819 24 June 1819 SHELTER BAY [=Weary Bay], QLD: Bloomfield's Rivulet, Collins Hill. 26 June 1819 ENDEAVOUR RIVER, QLD: Endeavour River South Branch, Finch Bay, Grassy Hill, Mount Cook, Mount 28 June-10 July 1819 Saunders, Point Saunders STANLEY ISLAND, QLD: Cape Flinders, Mount Dreary. 14-15 July 1819 SUNDAY ISLAND, QLD: Margaret Bay. 22 July 1819 LIVERPOOL RIVER, N.T. 5-6 Aug. 1819 SOUTH GOULBURN ISLAND, N.T.: South West Bay.

5-6 Aug. 1819 16-17 Aug. 1819 13 Aug. 1819 6-7 Sept. 1819 17 Sept. 1819 19-28 Sept. 1819

SIMS ISLAND, N.T.

PORT KEATS, N.T.

PORT WARRENDER, W.A.: Crystal Head.

Departed W.A. coast for Timor.

Departed Timor for Port Jackson. Arrived in Sydney (Port Jackson).

Gut, View Hill.

3-6 Oct. 1819 10-12 Oct. 1819 13 Oct. 1819 9 Nov. 1819 12 Jan. 1820

#### Voyage 3 (14 June 1820-9 Dec. 1820)

LACROSSE ISLAND, W.A. CAMBRIDGE GULF, W.A.: Adolphus Island, Nicholls Point, Pentecost River, Sphinx Rocks, Still Bay, The

VANSITTART BAY, W.A.: Encounter Cove, Jar Island, Long Island, Rocky Cove, Vine Head.

Mermaid departed Sydney (Port Jackson). 14 June 1820 PORT BOWEN [=Port Clinton], QLD: Mount Flinders (?) 21-22 July 1820 ENDEAVOUR RIVER, QLD: Cherry Tree Bay (?). Grassy Hill, Mount Cook, Mount Saunders, Point 27 July-4 Aug. 1820 Saunders. LIZARD ISLAND, QLD 6 Aug. 1820 STANLEY ISLAND, QLD: Cape Flinders, Mount Dreary. 9 Aug. 1820 PELICAN ISLAND, QLD 10 Aug. 1820 HAGGERSTONE ISLAND, QLD 13 Aug. 1820 CAIRNCROSS ISLAND, QLD 14 Aug. 1820 BOOBY ISLAND, OLD 16 Aug. 1820 SOUTH GOULBURN ISLAND, N.T.: Anyiminali Point (?), South West Bay. 22-25 Aug. 1820 SIMS ISLAND, N.T. 26 Aug. 1820 MONTAGUE SOUND, W.A.: Katers Island (?), Swift Bay, Water Island. 6-8 Sept. 1820 CAPSTAN ISLAND, W.A. YORK SOUND, W.A.: Augereau Island. PRINCE FREDERICK HARBOUR, W.A.: Hunter River, Mount Brookes, Roe River. 8 Sept. 1820 9 Sept. 1820 11-18 Sept. 1820 CAREENING BAY, W.A.: Bat/Cliff Island, Caper Point, Mount Knight. ST GEORGE BASIN and PRINCE REGENT RIVER, W.A. 21 Sept.-6 Oct. 1820 11-13 Oct. 1820 9 Dec. 1820 Arrived in Sydney (Port Jackson).

## Voyage 4 (26 May 1821-25 April 1822)

26 May 1821	
10-11 June 1821	
17 June 1821	

Bathurst departed Sydney (Port Jackson). PERCY ISLES, QLD: Cockatoo Hill, Percy Isle No. 2, West Bay. MISSION BAY, QLD: Bulburra Beach (?), Rocky Island.

LIZARD ISLAND, QLD 20 June 1821 STANLEY ISLAND, QLD: Cape Flinders. 22,24 June 1821 CLACK ISLAND, QLD 23 June 1821 SUNDAY ISLAND, QLD: Margaret Bay. SOUTH GOULBURN ISLAND, N.T.: South West Bay. 27-28 June 1821 5-6 July 1821 SIMS ISLAND, N.T. 5-7 July 1821 CAREENING BAY, W.A. 23–24 July 1821 26–28 July 1821 PRINCE REGENT RIVER, W.A.: King Cascade. GREVILLE ISLAND, W.A.: Gap Island (?), Halfway Bay, Lammas Island (?), Munster Water, 30 July, 1-4 Aug. 1821 Sight Point. HANOVER BAY, W.A. PORT GEORGE IV, W.A.: Augustus Island, Entrance Island, Point Adieu, The Lump. Departed NW coast for Mauritius. 6 Aug. 1821 11–13 Aug. 1821 27 Aug. 1821 Departed NW coast for Mainfus. Departed Nauritius for King George Sound. KING GEORGE SOUND, W.A.: Bald Head, Emu Point, Frenchman Bay, Limestone Head, Mistaken Island, Mount Martin, Oyster Harbour, Seal Island. ROTTNEST ISLAND, W.A.: Government House Lake, Thomson Bay. DIRK HARTOG ISLAND, W.A.: Turtle Bay, Cape Inscription, Cape Levillain. 15 Nov. 1821 24 Dec. 1821-5 Jan. 1822 14 Jan. 1822 21-25 Jan. 1822 KING SOUND, W.A.: Cygnet Bay (see text for discussion), Goodenough Bay, Point Cunningham. 9-12 Feb. 1822 Arrived in Sydney (Port Jackson). 25 Apr. 1822



Curry, Suzanne and Maslin, B. R. 1990. "Cunningham's collecting localities while botanist on Lieutenant Phillip Parker King's survey of coastal Australia, December 1817 to April 1822." *History of systematic botany in Australasia : proceedings of a symposium held at the University of Melbourne, 25-27 May 1988* 137–148.

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